Event # 5240007

2011 Diamond Drilling Assessment Report: Record Ridge South Magnesium Deposit

(FRANK SR. 3 & HIDDEN VALLEY 3 CLAIMS)

ROSSLAND, BC

TRAIL CREEK MINING DIVISION

LATITUDE: 49° 2’ 54”N

LONGITUDE: 117° 52’ 50”W

NTS MAP SHEET 082F 004

BC Geological Survey
Assessment Report
32869

PREPARED FOR:

WEST HIGH YIELD RESOURCES LTD.

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March 16th, 2012

Resubmitted with changes on October 3rd, 2012

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1. SUMMARY

- The Record Ridge South Magnesium Property is at an advanced stage of magnesium exploration, tested by 77 diamond drill holes totaling 7,874 meters with 6,055 sample assays to date. The various mining, geotechnical and metallurgical studies were conducted for the purposes of a NI 43-101 Preliminary Economic Assessment Report, in order to proceed to a pre-feasibilty level. It is situated 11 kilometres southwest of Rossland, British Columbia and is mainly underlain by the ultramafic rocks previously known as " Rossland ultramafic body" (Open File 1990-27) or "Record Ridge ultramafic body", which is rhombic in shape with an area of about 6.2 square kilometers (British Columbia Geological Survey Bulletin 108).

- The 2011 Record Ridge diamond drill program is the follow-up drill program, continuous with. 2007 and 2008 drill programs on the Record Ridge Deposit. During the 2007 and 2008 field seasons, the Record Ridge magnesium deposit was drill tested by 51 diamond core drill holes totaling 6,340 metres with 3, 874 assays. The relevant assessment report entitled "2008 Diamond Drilling Assessment Report on the Record Ridge South Magnesium Deposit" has been filed with **Event # 4252312.** Concurrently, a technical report for a NI 43-101 mineral resource estimation of the Record Ridge South magnesium Deposit was independently prepared by SRK Consulting Engineers & Scientists (authored by Bart Stryhas, Ph.D), 7175 West Jefferson Avenue Suite 3000, Lakewood, Colorado 80235, USA. SRK's NI 43-101 Technical Report (February11, 2009) presents a total of 39.8 million tons of measured and inferred resources grading 23.1 % Mg on the Record Ridge South Magnesium Deposit.

- The 2011 follow-up drill program on the Record Ridge South consisted of 26 NQ core drill holes aggregating 4,000 metres with 2,181 assays on a 100-metre square grid pattern within an approximate area of 300 m x 600 m in the central portion of the Record Ridge South ultramafic body (**Figs 2 & 9).** In addition, advanced metallurgical testing including ore characterization and beneficiation for commercial magnesium recovery has been undertaken by Met-Solve Laboratories, Langley, British Columbia. A NI 43-101 Preliminary Economic Assessment (PEA) is being prepared by SRK Consulting Engineers and is anticipated to be completed in April of 2012.

- The 2011 drill program resulted in a significant resource expansion with geotechnical data collection and metallurgical test results to support the conceptual open pit mine and magnesium processing facility.

- West High Yield Resources has spent a total of **$ 720, 866** for the 2011 diamond drill program on the Record Ridge South Magnesium property.

- The Record Ridge ultramafic rocks host a significant magnesium mineralization of economic interest. Ultramafic rocks are characterized by high magnesium weight percent (wt %). Based on a total of 6,055 drill core sample assays, the magnesium values over all the property are averaged to be 23.3 wt % Mg or 39.8 wt % of MgO.

- The Record Ridge ultramafics also contain other metals of economic interest. The nickel values in the ultramafics are averaging 0.20 % Ni. The cobalt and chromium values are averaging 106 g/t Co and 0.33 % Cr, respectively. Also, the silicon dioxide (SiO_2) values in the ultramafics are averaged to be 36.8%.

- The 2007 – 2011 line-grid drill program for a resource estimation can be divided into two sectors (northern and southern) by an north-east trending fault and diagabbro dyke between line S300 and S500.(**Fig.9**) The southern sector tested by 24 holes gave positive values of magnesium (23.1 % Mg) over widths from surface, ranging from 11 to 122.2 metres and averaging 62 metres. Contrastingly, the northern sector tested by 32 holes returned high values of magnesium averaging 23.8 % Mg with broad zones of ultramafic rocks from surface or near surface, ranging from 36.5 metres to 152.2 metres and averaging 107meters. This wide zone of the magnesium rich serpentinite is open to the west and north.

- Met-Solve Laboratories Inc., 9850 − 201 Street, Langley, BC (www.met-solvelabs.com) is conducting the various sulfuric acid leaching tests for commercial higher magnesium extraction and this metallurgical report will be released to the public in April of 2012. In 2008, two metallurgical tests were conducted by Met-Solve Laboratories. Met-Solve's 2008 initial metallurgical testing of the 12 kilograms of drill cores gave the best results with 84.5% extraction of the magnesium into solution using sulphuric acid(H_2SO_4) leaching at 70° C to produce magnesium sulphate ($MgSO_4$) into solution. Encouraged by the results of magnesium recovery from the initial testing, West High Yield Resources shipped an additional 200 kilograms of drill cores to Met-Solve Lab. in 2008, for final metallurgical testing. Met-Solve's final metallurgical testing, using hydrochloric acid (HCl) leaching method, resulted in extraction of 78.6 % of the magnesium in the form of magnesium chloride ($MgCl_2$) into solution.

- Thin sections of 12 drill core samples from the Record Ridge South ultramafic rocks were petrographically analyzed. The results of petrographical works are summarized in the report.

- The Record Ridge South Magnesium Deposit warrants additional exploratory works. Continuous from the 2011 drill sites (northern sector of resource estimation), 2012 drilling should be moved progressively westward on a 100-metre square grid pattern.

FIGURE 1 - LOCATION MAP

2. INTRODUCTION, TERMS OF REFERENCE AND DISCLAIMER

This report summarizes a geological assessment on the Frank Sr. 3 and Hidden Valley claim group, 11 kilometers southeast of Rossland, BC, based on the results of the 2007 - 2011 diamond drilling programs in Trail Creek Mining Division. This report is submitted as assessment work in compliance with requirements of National Instrument 43-101 and Form 43-101F1 in order to maintain the Record Ridge South property (Frank Sr. 3 and Hidden Valley claims) and its northerly contiguous entire mineral claims held by West High Yield (W.H.Y.) Resources Ltd., P.O. Box 68121, Calgary, Alberta. West High Yield (W.H.Y) Resources has spent a total of **$ 720,866** for the 2011 diamond drill program on the Record Ridge South property.

The author, H. Kim, P.Geo is a Qualified Person as defined by National Instrument 43-101. He has planned, supervised and directly participated in all field programs on the Record Ridge South property. Cory Peck, B.Sc, GIT has conducted the surface sampling of the ultramafics, reconnaissance mapping and line-grid outcrop mapping in the selected area as well as geotechnical core logging with specific gravity measurements of all drill cores of the Record Ridge South Magnesium Deposit.

The portion of regional geology in this report is primarily based on published reports (Geological Survey of Canada and Geological Survey of BC) and private reports available to the authors. All consulted sources are listed in the References section.

The Crown granted lots and land titles of 8 crown granted claims held by West High Yield Resources are updated.

Units of measure are metric and all currency is reported in Canadian dollars (unless otherwise noted). Grade values for nickel and cobalt, precious metals (Au, Ag, Pt. Pl, etc) are reported in g/t and in percent for magnesium and chromium.

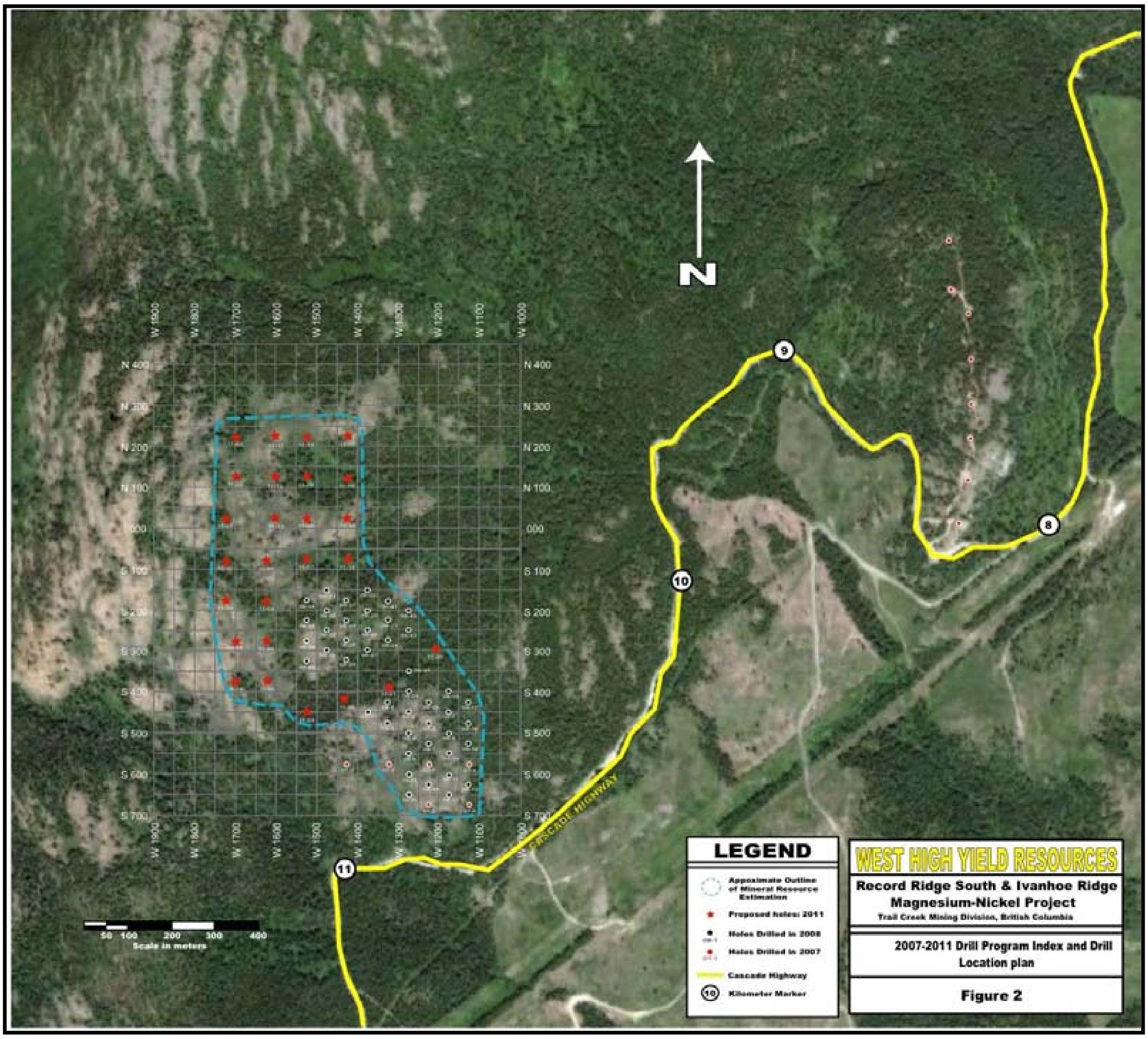


FIGURE 2 – 2007-2011 DRILL PROGRAM INDEX MAP & DRILL LOCATION PLAN

3. PROPERTY LOCATION & DESCRIPTION

3.1 Property Location (Figures 1 and 2)

The Record Ridge South property lies 11 kilometers southwest of the town of Rossland in the Trail Creek Mining Division of southeastern British Columbia and about 400 km east of Vancouver and 8 km north of the Canada-USA border. The subject property for this report (Frank Sr. 3 and Hidden Valley claims) covers an area of 6,516.11 hectares between latitudes 49° 2' North and longitudes 117 ° 53' West in NTS Maps Sheet 082F.

3.2 Property Description

The configuration of the mineral claims is illustrated on **Figure 3** (BC Mineral Titles Reference Map 82F) and details are presented in the following table:

Division	Tenure Number	Claim Name	Date of Record	Expiry Date	Status	Area (Hectares)
Claims on which 2011 drilling took place.	514607	Frank SR 3	2006/June/16	2022/Feb/28	Good	317.575
	513794	Hidden Valley 3	2005/ June/02	2022/Feb/28	Good	127.057
Cell claims Contiguous with Frank SR. 3 (514607) & Hidden Valley 3 (513794)	513018	Frank SR 2	2007 /May/19	2022/Feb/28	Good	529.112
	513010	RAM 3	2007 /May /19	2022/Feb/28	Good	528.872
	518969	No name	2006 /Sep / 12	2022/Feb/28	Good	359.616
	518970	RAM	2006 /Aug / 12	2022/Feb/28	Good	64.488
	517622	Frank SR 3	2006 /Jul / 13	2022/Feb/28	Good	232.764
	518971	RAMFRAC	2006 /Aug / 12	2022/Feb/28	Good	105.782
	517620	No name	2006 /Sep /24	2022/Feb/28	Good	211.698
	529246	No name	2006/Mar/02	2022/Mar/02	Good	21.150
	513794	Hidden Valley	2005 /June /01	2022/Feb/28	Good	190.626
	513788	Hidden Valley 2	2005 /Jun /02	2022/Feb/28	Good	211.789
	529441	White Buffalo	2006 /Mar /05	2022/Feb/28	Good	254.141
	574472	Rossland 1	2008 /Jan /25	2022/Jan/25	Good	528.645
	574473	Rossland 2	2008 /Jan /25	2022/Jan/25	Good	528.576
	580083	West High Yield	2008/Apr /01	2022/Apr/01	Good	507.034
	580084	West High Yield	2008 /Apr /01	2022/Apr/01	Good	528.435
	580085	West High Yield	2008/ Apr /01	2022/Apr/01	Good	528.265
	580087	West High Yield	2008 /Apr /01	2022/Apr/01	Good	359.307
	847539	The Ridge	2011/Feb./26	2018/Feb/26	Good	381.180
Crown granted claims, contiguous with Frank SR 3 (517622) & RAMFRAC (518971)	**Lot**	**Claim name**	**Title Subsurface Rights**	**C.G**	**Equity**	**Area Hectares**
	1186	Midnight	1134921	87-80	100%	17.66
	1216	June	N.A.	156-86	100%	17.40
	1217	Golden Butterfly	N.A.	200.90	100%	17.40
	1943	Golden Butterfly Fr.	N.A.	237-90	100%	4.57
	1215	Little Dalles	KV110354	278-87	100%	2.73
	2675	OK Fraction	N.A.	274.90	100%	0.49
	678	OK	KV112056	60-68	51%	12.85
	679	IXL	KV112053	60-68	100%	7.85
	Plan S82	Sub Lot 82	KV112055	87-80	51%	4.98
	539	Golden Drip	N.A.	N.A.	N.A.	N.A.

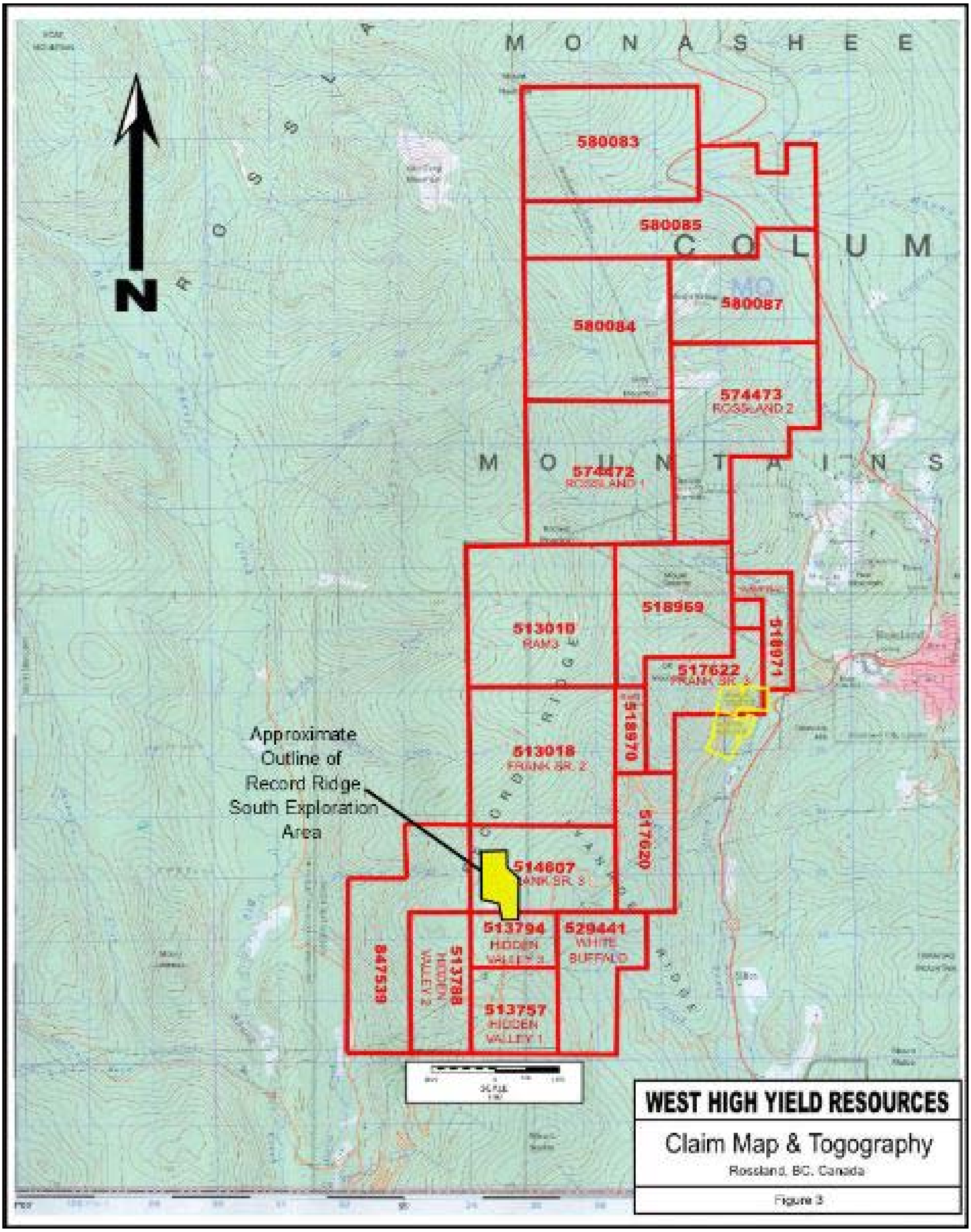


Figure 3 Claim Map & Topography

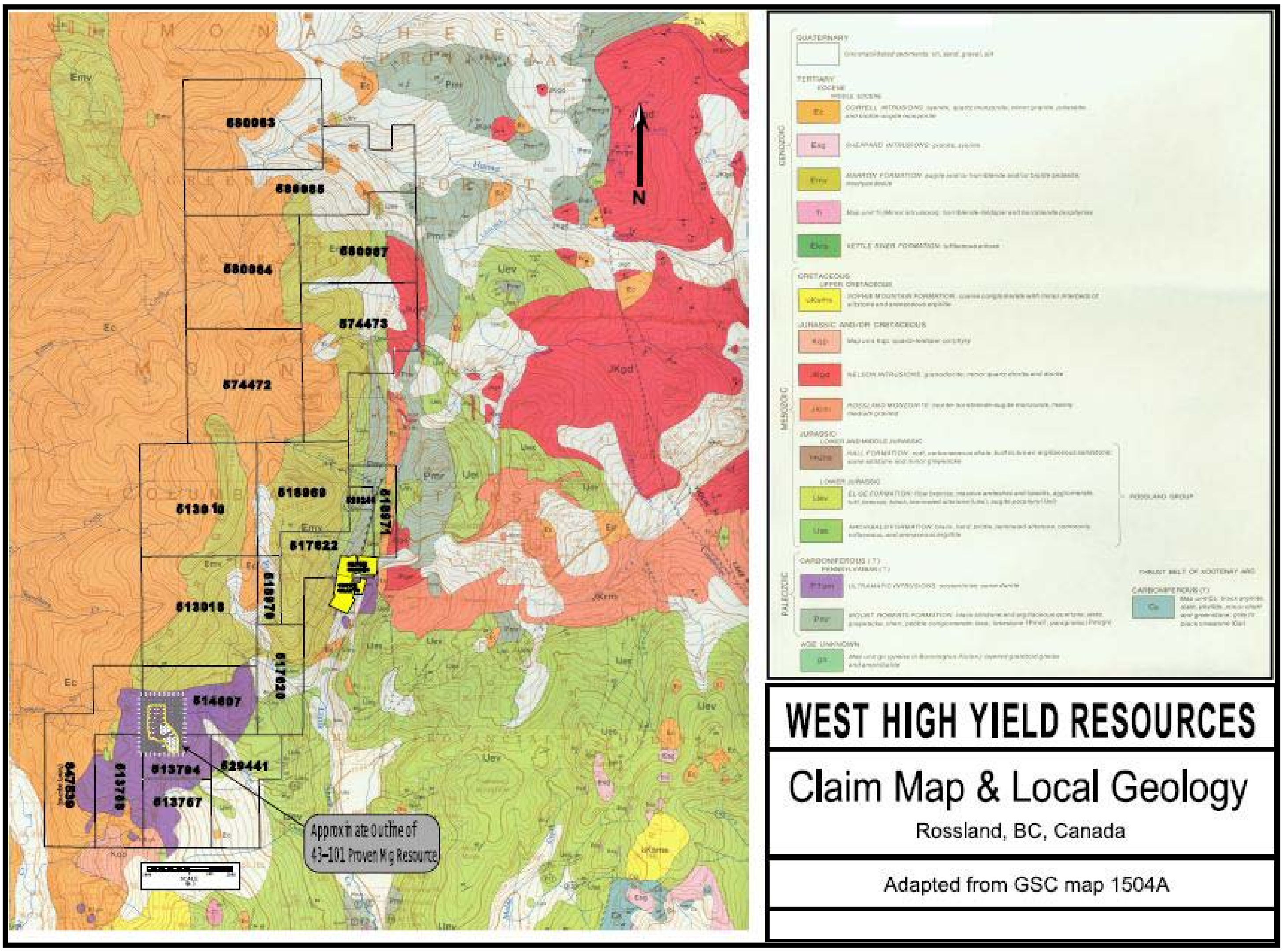


Figure 3b Claim Map & Surface Geology

4. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES INFRASTRUCTURE & PHYIOGRAPHY

4.1 Accessibility

The Record Ridge South property, 11 km southwest of Rossland, is readily reached via the old Cascade Highway (all weather gravel road in fair condition) from Rossland. The Cascade Highway (about 26 km of distance) is maintained throughout the winter. The town of Rossland is reached via paved highways from Christina Lake, Grand Forks, Castlegar, Trail and Patterson Border Crossing. The closest airport with regularly scheduled service is available at Castlegar, 22 km northeast of Rossland. Rossland can be reached from Vancouver by vehicle on paved Highway #3 with driving time of about 7 hours.

4.2 Climate

The climate in the Rossland area is influenced by British Columbia interior mountainous dry belt with low summer precipitation and cool to cold winters with heavy snowfalls. The annual snowfall averages 370 cm. There is snow a month longer than other regions. Average summer temperatures are 25° C and average high 3° C. The fresh snow in the area occurs by early November and is snow free by the middle of May. Rossland receives about 2000 hours (bright) of sunshine per year without severe windy days. Due to a low summer precipitation in the region, all creeks in the property (specifically in the areas of Ivanhoe Ridge, Record Ridge and Hidden Valley) are dried out after July, necessitating water trucking for water supply in diamond drilling.

4.3 Local Resources and Infrastructure

The proximity of paved Highway #3 and the population (and the potential personnel) centre of Trail (2011 population was 7,237) 5 km east of Rossland and well maintained graveled Cascade Highway and ample nearby hydroelectric sources characterize the property's infrastructure as excellent. Trail, being reached in 10 minutes by driving from Rossland, offers all normal services and supplies including a hospital and adequate accommodations and food establishments to support mining and exploration programs. Basic services such as accommodation, food and fuel are also available in the town of Rossland (population 3,556).

4.4 Physiography (See figure 3)

The property is situated in gently rolling mountainous, wooded terrain of the southeast facing slopes of Record Ridge within the Rossland Range of the Monashee Mountains, a subdivision of the Columbia Mountain Range. Elevations within the report area vary between 900 and 1700 meters. The three prominent topographic features are 1). Ivanhoe Ridge (peak 1,325 m) in the northern sector, 2). Southeast trending ridge with alpine grass fields between the two main forks of Sophia Creek (named 'Record Ridge South' for this report – northern peak 1,649 m) in the central sector and 3). South trending ridge (peak 1,556 m) south of Hidden Valley in the southern sector. The forgoing all three ridges are gently rolling except the northeastern and western margins where a general slope angle exceeds 30 degrees. The bedrock exposures are relatively abundant (10 to 20 %) in the forgoing all three ridges. Also, the exposures along the Cascade Highway are remarkably noted. Most of the property area has been once logged and/or burned, but is now again wooded by high standing scrubby spruce, popular, cedar and balsam. The Sophia Creek and two other creeks on the property are too small to be potentially useful and become dried out in summer. Overburden is thin (1 to 5 meters) or non-existent in the northern and western sectors of the property. The areas above the Cascade Highway, on the eastern slopes, are dominated by glacial till and unsorted gravel exceeding 20 meters.

5. HISTORY

5.1 General History of the Rossland District

The history of the Rossland mining camp dates back to 1890, when the discovery of gold/copper ore in the Red Mountain by Joe Moris and Joe Bourgeois kindled the claim staking rush in Rossland and adjacent Trail area. Subsequently the Rossland mining camp became the second largest lode gold producer in the western Canada. Between 1894 and 1957 the camp produced in excess of 73,860 kilograms of gold, 107,000 kilograms of silver and 54,295 tonnes of copper (Fyles 1984).

West High Yield Resources' four main crown-granted claims (O.K., I.X.L, Midnight and Golden Drip) are situated 2 kilometers northeast of Frank Sr 3 claim for this report. Between 1899 and 1974, 10,492 tonnes averaging 101 grams per tonne gold and 14 grams per tonne silver were produced from these crown granted claims. (Fyles, 1984).

5.2 History of the Record Ridge South Property

In contrast to the extensive work elsewhere in the Rossland district, exploration in the Record Ridge South property has been comparatively limited. There are several old pits and trenches on the property, but there is no good record of conspicuous work ever having been done in the claims prior to 1973.

Based on Minfile (082FSW264), two chromite showings have been prospected, one located on Crown-grants at about 1,341 metres elevation on Ivanhoe Ridge, and the other, about 1.6 kilometers to the south, at about 1,250 metres elevation on the ridge between the two main forks of Sophia Creek and about 300 metres southeast of the natural gas pipeline (Vandot, 082FSW130).

In 1901, two Crown-granted claims were established on the property and one of them (Burlington lot 4359) was Crown-granted to Bob Lamont.

In 1918, the reverted Crown-grants were leased and additional claims staked by A. Cameron, J. H. MacDonald and Associates. Work was apparently confined to trenching and stripping.

In 1966, the Vandot group of 5-recorded claims was located in the Cascade Highway by V. M. Van of Rossland who deepened the old trenches and sampled.

In 1973, the property was open for claim staking and the "Job" claims were located and jointly owned by George G. Addie and Mineral Resources International Ltd. of Calgary, Alberta. During the period from April 10 to 24, 1973, a magnetometer survey was conducted using the main road (Cascade Highway) and power line as survey control. The survey delineated conspicuous magnetic high anomalies associated with the underlying ultramafic rocks. In 1974, the chromite showings were sampled and analyzed for platinum. 6 samples showed 1.0 to 1.4 grams per tonne planinum, trace silver, trace gold, 0.16 to 0.23 % nickel, 0.18 to 16.5 % chromium and 0.006 to 0.016 % cobalt (Assessment Report 4927).

In 1978, the forgoing "Job' claims were replaced by the "Morrison-White" property containing MAR 1-4, LAND 1-6, SKIN 1-4, ROSS and CAL claims, which were recorded and owned by L. Morrison and A. White. During the period June – October 1978, the 460-hectare grid area was geologically mapped at a scale of 1:2,500, preceded by mapping at a scale of 1: 10,000 on an enlarged aerial photo base. The same area was also surveyed by soil sampling on a 100 metre x 50 metre grid and by magnetic profiling at 10 metre station intervals. In 1979, Lee G. Morrison documented Assessment Report (7162) for United Canso Oil and Gas Ltd., Calgary, Alberta.

In 1984, Noranda Exploration Company held the property as the ROSS 2-3, and CAL claims. Noranda conducted magnetometer surveys over 16 kilometers, induced polarization and electromagnetic surveys over I kilometer, a geochemical soil survey comprising 177 samples and trenching.

In 2005, a major portion of the Record Ridge ultramafic body has been staked in part by West High Yield Resources Ltd., Calgary, Alberta.

In May, 2007, West High Yield Resources acquired three mineral claims (Hidden Valley, Hidden Valley 2 and Hidden Valley 3) adjoining to the south of Frank Sr 3 claim.

In 2007, West High Yield Resources conducted magnesium exploration on the Ivanhoe Ridge, about 1.5 kilometers northeast of the 2007 – 2011 drill program location. . The total expenditure for the 2007 magnesium exploration program was $1,622,192.

In the entire field season of 2008, the central portion of the Record Ridge ultramafic body was tested by line-grid geological mapping, sampling, diamond drilling, and metallurgical testing to assess the economic potential of magnesium-rich nickeliferous cobalt-chromite bearing serpentinite. The total expenditure for the 2008 exploration program was $1,562,626.

In 2011, continuous with the 2008 drill program, the Record Ridge South property was tested by line-grid expansion drilling to the north. A total of $720, 866 was spent for the 2011 drill program on the Record Ridge South. A NI 43-101 Preliminary Assessment Report for Prefeasibility level will be independently prepared by SRK the various metallurgical, geotechnical testing and drill tested by SRK Consulting Engineers & Scientists (authored by Bart Stryhas, Ph.D), 7175 West Jefferson Avenue Suite 3000, Lakewood, Colorado 80235, USA.

In February of 2012, West High Yield Resoures acquired an additional claim (847539) located to the west and contiguous with the company's Frank Sr. 3 claim. Consequently, West High Yield Resources now owns the mineral claims to cover the entire ultramafic body from the southern tip of Record Ridge, southerly to the foot of Mount Sophia and easterly to Ivanhoe Ridge, an area of 6.2 square kilometers.

6. GEOLOGICAL SETTING

6.1 Regional Setting

Adapted from GSC bulletin 108, Andrew, Ash, Hancock, Little, HÖy, and Fyles.

In general physiographical and geological view, the Rossland area lies entirely within the Columbia Mountains forming a great triangular, highly mountainous area extending from the International Border to the bend of the Fraser River near Prince George, and being bounded on the east by the Rocky Mountain Trench, and on the west by the Interior Plateau. Rossland area is underlain by rocks that range in age from pre-Pennsylvanian (340 Ma) to Eocene (37-54 Ma), and surficial deposits of Pleistocene (1.5-2 Ma) and Recent age.

Ultramafic rocks in Rossland area, which are the main concern of economic interest for this report, lie approximately 200 kilometers east of the Tulameen-Shulaps belt of ultramafic intrusions (**Fig. 4**), a part of Cordilleran ultramafic intrusions, which are typical of an ophiolites originally composed mainly of olivine and orthopyroxene (harzburgite) and/or clinopyroxene dunite. They characteristically occur as elongate bodies, commonly faulted, sheared and serpentinized. Record Ridge ultramafic rocks of ophiolitic affinity are considered correlative with the Permian Kaslo Group (250-300 Ma) or preferably "Kaslo Assemblage", and part of the oceanic Slide Mountain Terrain (**Figure 5**).

The late Paleozoic **Mount Robert Formation**, considered coeval with or earlier than the Record Ridge ultramafics, is the oldest rock unit in the report area and exposed west and north of the Rossland district. The Mount Roberts Formation consists of metamorphosed, lower greenschist to amphibolite grade siliceous clastic rocks including grey to black siltstone, argillite and greywacke with lesser carbonaceous and volcanic rocks (Little 1982 and Ash 2003).

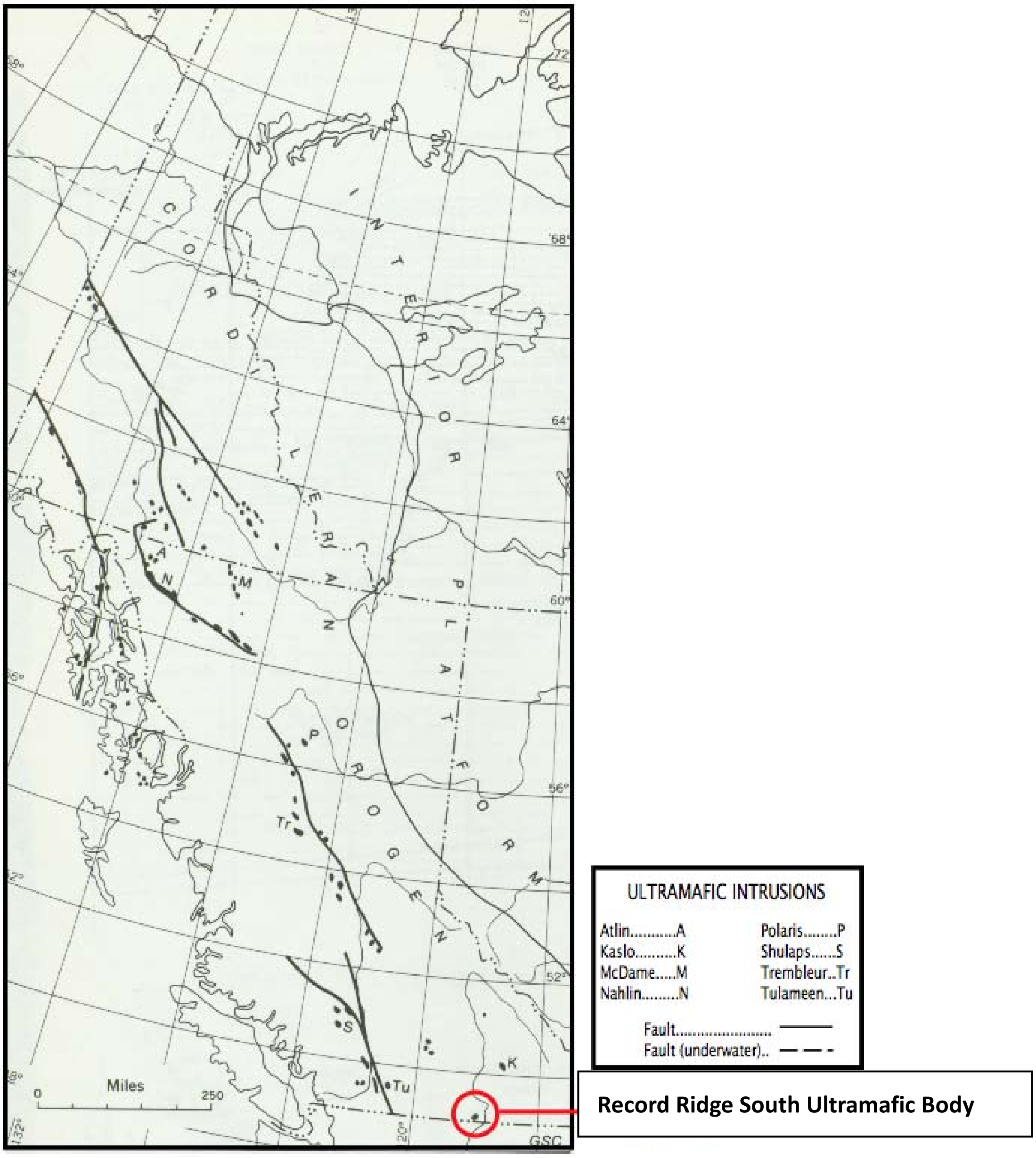


FIGURE 4 – DISTRIBUTION OF ULTRAMAFIC INTRUSION IN THE CORDILLERAN OROGEN, BC, YUKON TERRITORY, & SOUTHEAST ALASKA

(Adapted from: Belyea, H.R., Douglas, R.J.W., Gabrielle, H., Stott, D.F., & Wheeler, J.W. (1968), Geology of Western Canada, p.422)

The Early Jurassic (Sinemurian) **Rossland Group** including **Elise Formation** (188-197 Ma) is dominated by mafic and intermediate volcanic and volcaniclastic rocks locally interbedded with marine sediments. Hypabyssal, sub-volcanic intrusions that occur as massive andesite and basalt and augite porphyritic sills and dykes are also a component part of the Rossland Group and primary host for the richest (localized) Cu-Au sulphide veins in the Rossland Gold Camp (Ash 2003). Locally, the Elise formation is overlain by coarse conglomerate of the Upper Cretaceous Sophie Mountain Formation.Both the Early Jurassic Rossland Group and late Paleozoic Mount Roberts Formation are affected by two major episodes of post-collisional magmatism in the Rossland area. The earliest post-collisional intrusions are represented by the Middle Jurassic Nelson intrusions occurring as batholiths, plutons, stocks and dikes. They range in composition from granodiorite, which is dominant, to quartz diorite, diorite and monzonite (Little 1982). The Middle Eocene Coryell Intrusions and related Marron volcanics (Little, 1982; Ghosh, 1995) are the latest magmatic episodes recorded in the vicinity of the Rossland mining camp. The Coryell intrusions comprise dykes and sills of alkaline syenite that are related to the large Coryell batholith occupying an area of more than 200 square kilometers to the west and north of Rossland.

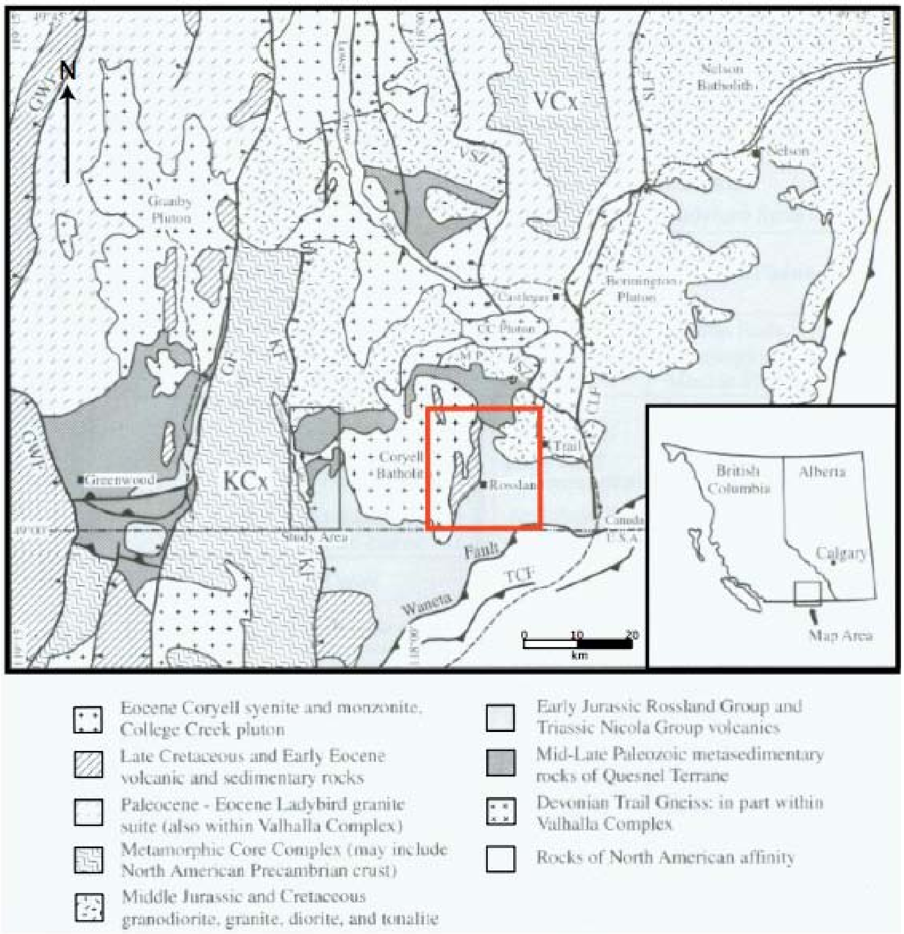


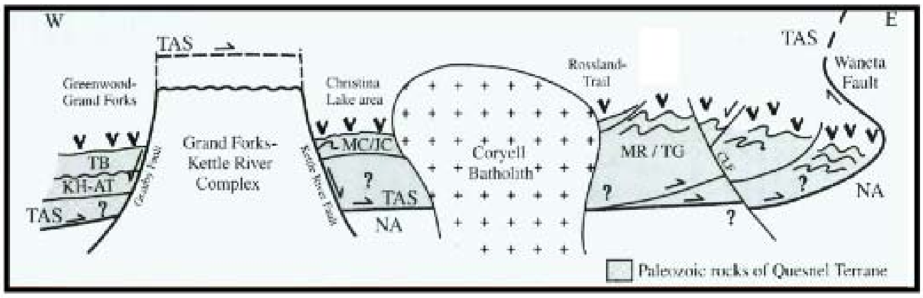
FIGURE 5– REGIONAL GEOLOGY OF THE ROSSLAND AREA

6.2 Regional Structure

The structural framework of the Rossland district is complex, including both compressional and tensional faults, and other tectonic trends including the “Rossland break” which is an east-trending zone of crustal weakness marked by faults and intrusions that include the Rossland monzonite. This major structural break has been confirmed by Hoy and Dunne (2001), who subdivide structural history into three major episodes:

- Extensional tectonism during the deposition of the Elise Formation in Early Jurassic time.
- Compressive tectonism produced east-directed thrust faulting and associated minor folding between 187 and 167 Ma, prior to intrusion Middle and Late Jurassic plutons.
- Normal faulting in the Eocene occurred before and after emplacement of the Coryell intrusions. These faults are numerous, steeply-dipping, north-trending, gouge-gilled structures.

The generalized regional structural cross-section is illustrated on **Figure 6**



TRIASSIC	TB	Brooklyn Formation
	JC	Josh Creek Diorite
PERMIAN	KH	Knob Hill Group (Diorite)
	AT	Atwood Group (Diorite)
	MR	Mount Roberts Formation
AGE UNKNOWN	MC	Mollie Creek Assemblage
	TG	Trail Gneiss
	NA	North American Craton
	TAS	Accreted Terranes

FIGURE 6 – REGIONAL CROSS SECTION

7. LOCAL GEOLOGY

7.1 Occurrences of Ultramafic Rocks in Rossland Area

Illustrated on **Figures 7A**, the Record Ridge ultramafic body magnesium deposit underlies an area of approximately 6.2 square kilometers, 11 kilometers southwest of the town of Rossland (Open File 1990-27) or "Record Ridge ultramafic Body" (BCGS Bulletin 108). The vast area of the western and northern slopes of the Record Ridge Mountain is typified by Coryell intrusions comprising primarily syenite, quartz monzonite and some granite and pulaskite.

The smaller OK ultramafic body, about 1 square kilometer in area occurs in West High Yield Resources' Crown-granted claims (OK, IXL and Midnight), about 6 kilometers northeast of the 2007 – 2011 drill program site. As described earlier, OK ultramafic body hosts the rich gold-silver veins averaging 101 grams per tonne gold and 14 grams per tonne silver, but there are no known lode-gold prospects associated with the Ivanhoe Ridge ultramafic body; however it provides more extensive exposure and variation in rock types.

There are also two small ultramafic bodies southwest of the Record Ridge South magnesium deposit; one being in the vicinity of the Velvet mine and the other farther south, on the western slope of Mount Sophia. In bulk view, the Record Ridge ultramafic body and two small bodies lie between a large body of quartz- feldspar porphyry (Little's map unit **Kqp**) of the late Jurassic on **Fig. 7A** and/or Cretaceous and Coryell intrusions of Eocene age, and probably represent pendants of the larger serpentinite stock.

The Record Ridge ultramafic body comprises variably serpentinized and locally carbonatized ultramafic cumulates. Rock types include dunite, pyroroxene-bearing dunite, olivine-bearing wehrlite and lehzolite, each type varying simply as function of the relative proportion of olivine to pyroxene.

Due to pervasive serpentinization, primary mineralogy and textures of the original rocks are almost lost in the area of the eastern part of the ultramafic body. However, the western part of the ultramafic body exposed on the south tip of Record Ridge appears to be less serpentinized or not serpentinized at all, based on Ash (2003). Also, BCGS Bulletin 108 includes the occurrence of olivine-wehrlite and pyroxene-bearing dunite without notable serpentinization. .

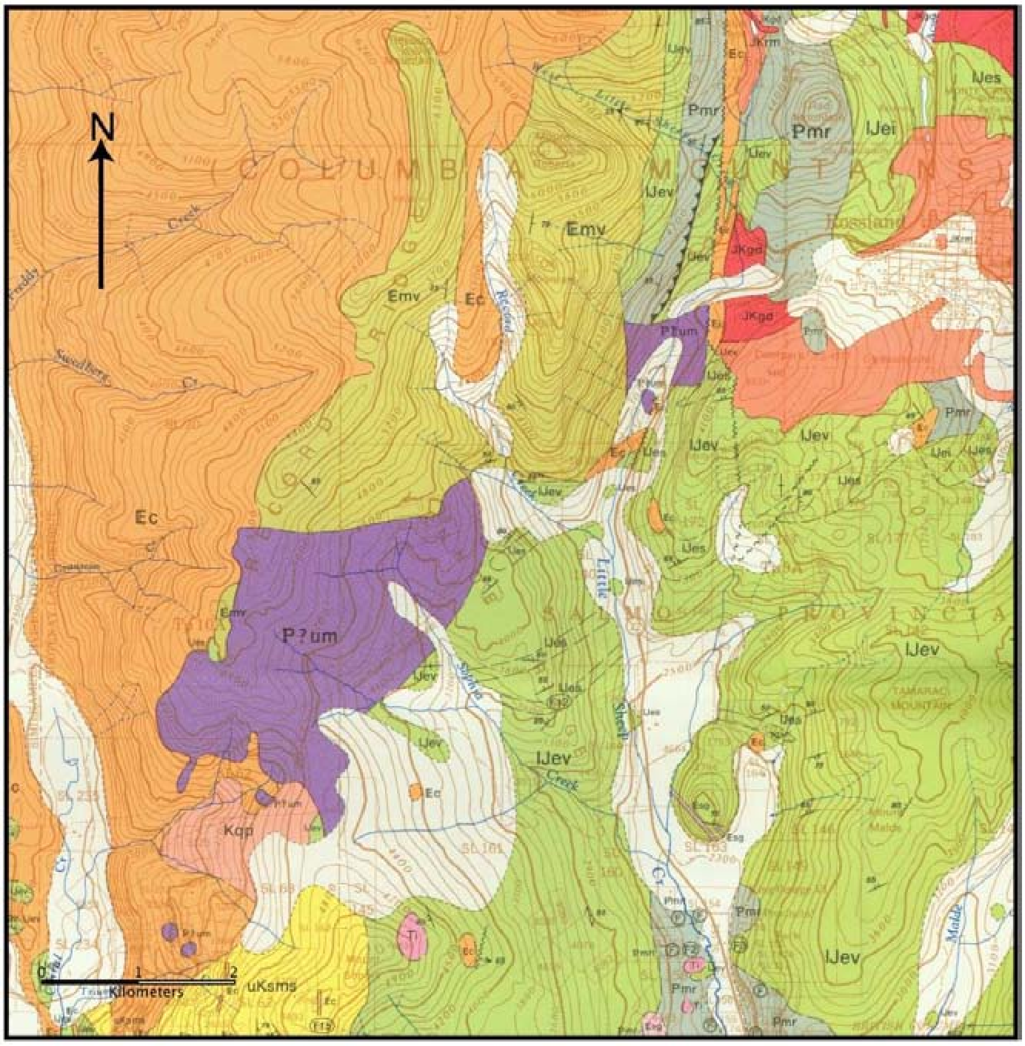


FIGURE 7A – GEOLOGICAL SETTING OF RECORD RIDGE SOUTH MAGNESIUM DEPOSIT

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FIGURE 7 B – LEGEND FOR FIGURE 7A

Little (1982) states that the ultramafic bodies were injected into rocks ranging in age from Pennsylvanian (?) to Upper Cretaceous and the larger bodies of serpentinite do not appear to be related to faults except that in Little Sheep Creek where Fyles (1978) mapped the eastern contact as a fault. Although contacts of the ultramafic body were not identified in outcrop, an intrusive relationship was indicated from the actual core logging of six diamond drill holes drilled near the fault contact. Therefore, along the western and southern margins, it is considered that the ultramafic rocks are intruded by Eocene Coryell, sub-volcanic, plutonic rocks and sub-volcanic rocks of the

Marron Formation. However, the inferred northern contact of the body is marked by a linear topographic depression, which Fyles (1984) interpreted as a faulted contact. A minor increase of alteration intensity in the ultramafic rocks towards the contact suggests that the fault has been affected by only limited movement or is restricted to late, high level brittle faulting. The results of core logging of seven diamond drill holes drilled in 2007 near the northern contact substantiate Fyles' interpretation of the northern faulted contact.

Along its eastern margin the body is reported to be in contact with massive fine-grained, aphanitic mafic volcanic rocks correlated with the Rossland Group by Little (1982) and Höy, and Andrew (1991a). Ash (2003) considered this contact is indicated to be a faulted contact, due to the presence of fish-scaled serpentine with localized carbonate-altered shear zones near the margin of the ultramafic body. It is noted that the actual drill cores from 4 holes drilled near a part of the eastern contact consist of medium/coarse-grained diorite to gabbro in an intrusive contact with serpentinite.

Suggestions as to the origin of the ultramafic rocks in the Rossland camp have varied. Early workers (Brock, 1906; Drysdale, 1915) interpreted them to be altered augite porphyrite stocks. Little (19820 was the first to suggest that they are most likely contemporaneous with the Paleozoic, oceanic Mount Roberts Formation, and part of an ophiolitic assemblage. Fyles (1984) interpreted the ultramafic rocks to be much younger, possibly of Late Cretaceous age, inferring that they are post-collisional intrusions. Höy, and Andrew (199l b) recognized that the ultramafic rocks are most probably tectonically emplaced.

7.2 Lithology of the Record Ridge Ultramafic Body

7.2.1. Ultramafic Rocks (See Figure 8)

As described in the preceding section, the ultramafic rocks in the eastern part of the Record Ridge ultramafic body for the most part are dominated by moderate to intensely serpentinized dunite, and peridotite (wehrlite or lehrzoite) except the localized unaltered ultrabasic rocks in places. In the field, all serpentinized ultramafic rocks are simply named as "serpentinite". The most abundant variety of serpentinite is a dense, black, massive and highly magnetic with rare disseminated chromite. Another type of serpentinite is greenish black or milky white to grey colored with a variegated/veined appearance (pale creamy green alternating with dark-green, principally due to significant secondary magnetite along veins and hairline fractures) with minor sulfides and chromite. The serpentinite on surface and from drill cores is sporadicaly highly altered with pronounced development of yellow and green steatite ($Mg_3Si_4O_{10}(OH)_2$) and talc-carbonaceous blebs in stockworks of thin veins or mottled appearance. As noted earlier, the ultramafic rocks in the western part of the Record Ridge body are mapped to be olivine-wehrlite, locally wehrlite pyroxene-bearing dunite without notable serpentinization (BCGS Bulletin 108).

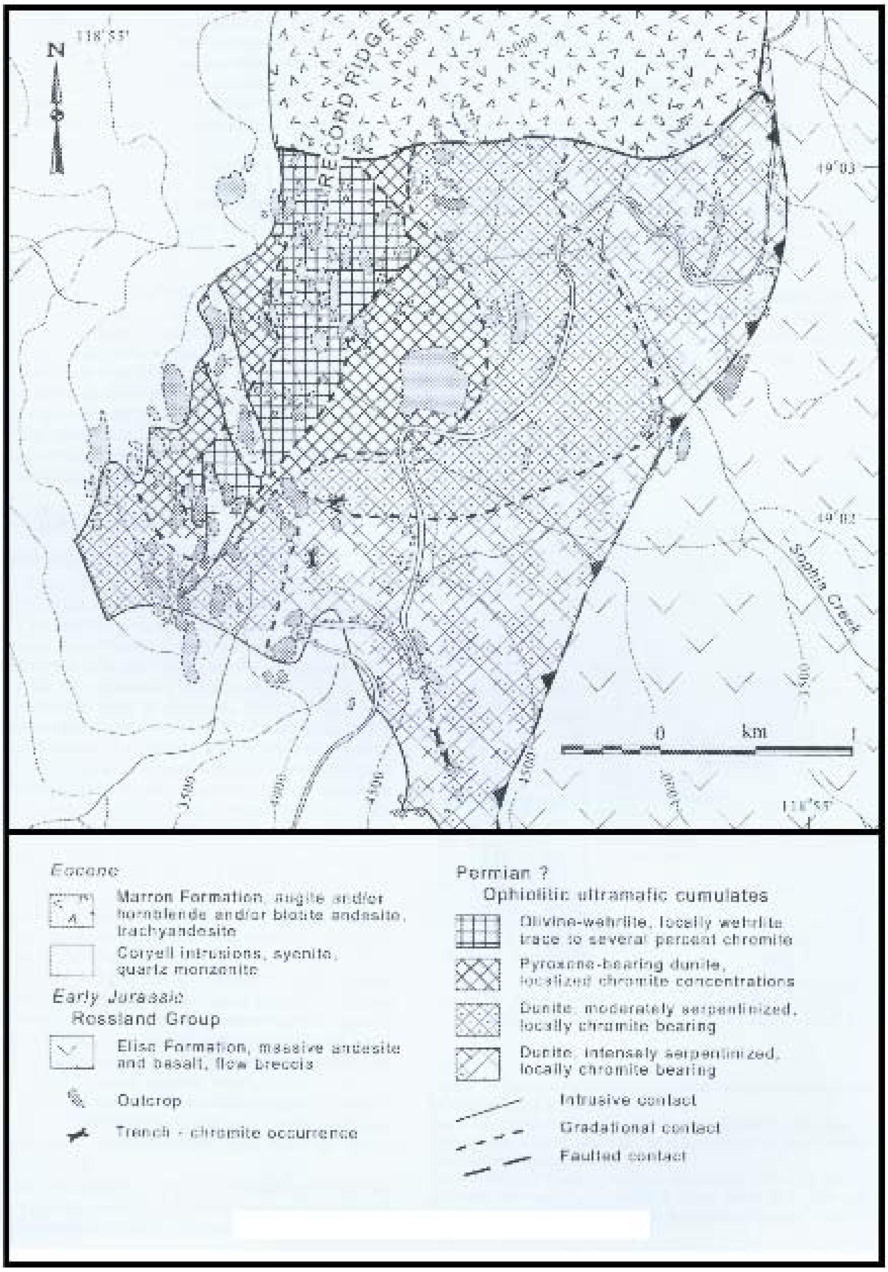

FIGURE 8 –

LOCAL GEOLOGY OF RECORD RIDGE SOUTH (adapted from GSC Bulletin 108)

Petrographic study of the ultramafic rocks provides a reasonable evidence in support of an ophiolitic affinity and pervasive serpentinization together with talc-sericite and carbonate (magnesite/calcite) alteration in the initial ophiolites. Based on petrographic study of 27 thin sections from specimens collected in 2007 and 2008, a modal mineralogy in polished thin sections of the ultramafic rocks in the Record Ridge ultramafic body is summarized in the following table :

Modal Mineralogy in Thin Sections of the Ultramafics in the Record Ridge South Ultramafic Body
After Craig Leitch, Ph.D (2007 and 2008)

Olivine %	Serpentine %	Amphibole Secondary Tremolite & Actinolite %	Talc/ Sericite %	Magnetite %	Carbonate/ Magnesite/ Calcite %	Chromite %	Pentlandite Pyrrhotite Pyrite %
25 - 90	15 -90	1 - 20	2 - 35	2- 5	1 – 5	1 – 5	Trace – 1

7.2.2. Northeast Trending Fault and Diagabbro dyke

A northeast trending fault with diagabbro dyke, over 300 metres long was positively indicated by four drill holes between Line S300 and S500 (**Fig. 9**), The fault was indicated from a sharp topographic depression and the result of drill hole, RRS 08-22 which intersected the fault zone with gouge from the collar to the depth of 4.4 metre. The fault zone in hole RRS 08-22 was in turn underlain by thick succession of diagabbro dyke. Basaltic andesite to diagabbro dyke was positively indicated by drilling four holes between Line S300 and S500. . For example, hole RRS11-2 intersected basaltic andesite to diagbbro dyke to the depth of 244 metres from surface. This dyke appears to thin out to the northeast, based on the result of drilling hole RRS 11-26..

7.2.3. Thickness of Ultramafic Rocks

The 2007 – 2011 line-grid drill program for a resource estimation can be divided into two sectors (northern and southern) by an north-east trending fault and diagabbro dyke between line S300 and S500.(**Fig.9**) The southern sector tested by 24 holes gave positive values of magnesium (23.1 % Mg) over widths from surface, ranging from 11 to 122.2 metres and averaging 62 metres. Contrastingly, the northern sector tested by 32 holes returned high values of magnesium averaging 23.8 % Mg with broad zones of ultramafic rocks from surface or near surface, ranging from 36.5 metres to 152.2 metres and averaging 107meters. This wide zone of the magnesium rich serpentinite is open to the west (**Figure 9**).

7.2.4. Volcanic, Sub-volcanic and Intrusive rocks

The boundaries of the Record Ridge ultramafic body are fault or shear zones with Tertiary Coryell intrusions and Marron volcanic flows with hypabyssal intrusions (37-54 Ma) and early Jurassic Elise Formation volcanic flows (172-195 Ma). Consequently, many intrusive rocks as dikes or sill-like apophyses related to the Elise lavas or Coryell intrusions are conspicuously noted in the serpentinite, ranging in drill length of volcanic and intrusive rocks from 1 m to 70 m. The conspicuous diagabbro dke and sills of the volcanic to sub-volcanic and intrusive monzosyenite pods into the serpentinites on the surface and subsurface are generally outlined in the 2007 – 2011 Drill Program Line Grid Geological plan (**Figure 9**).

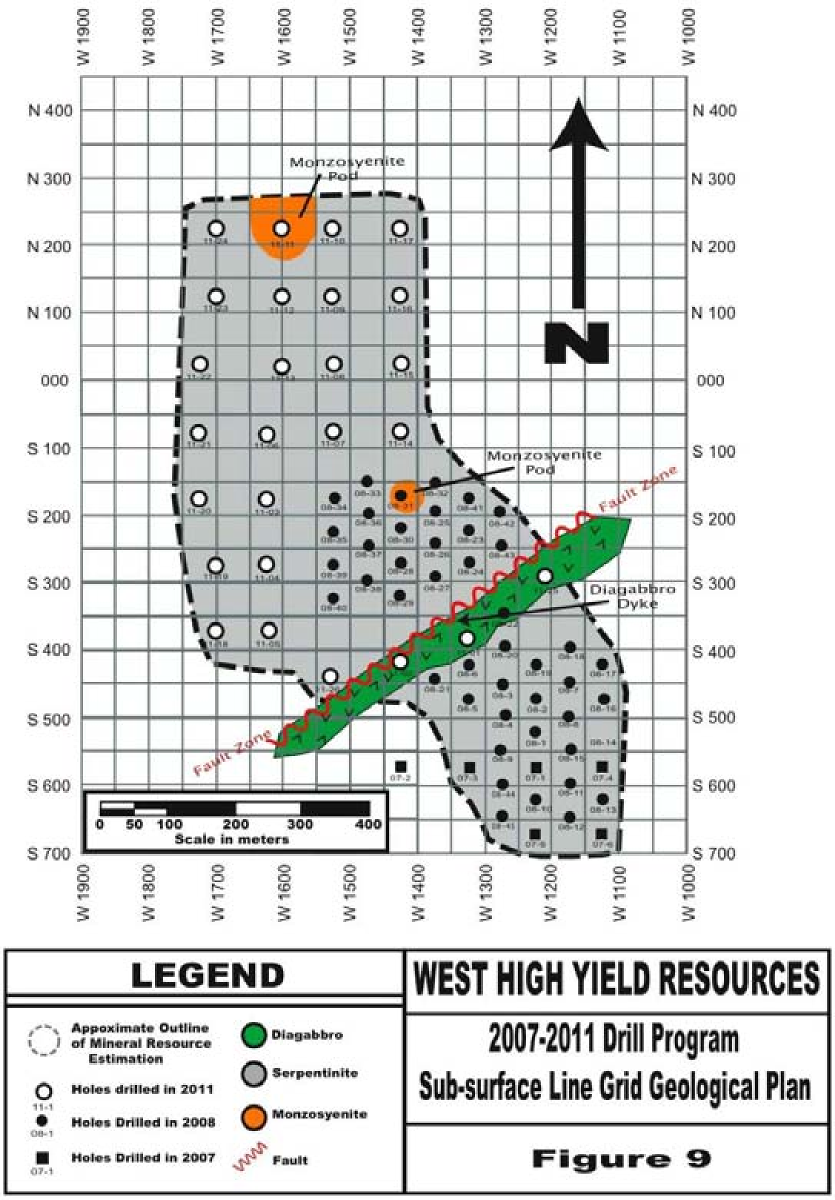

Figure 9

2007 – 2011 Drill Program Combined Surface and Sub-surface Line Grid Geological Plan

The rocks intervened in the serpentinite include massive andesite, basalt, basaltic andesite, trachyandesite, trachyte, diorite, gabbro, monzo-gabbro, lamprophyre, syenite, monzonite, monzodiorite, augite porphyry and biotite latite porphyry. For a simple demonstration of geology profile of the Record Ridge South Magnesium Deposit, all intervened volcanic and intrusive rocks are grouped to one unit as waste rock and shown in green color on the geological cross sections (**Figures 10 & 11**).

One of the rocks named as "basaltic andesite" in the field was petrographically studied and its modal mineralogy is summarized as follows: Adapted from Leitch (2007)

Amphibole (actinolite, mainly secondary)	45%
Relict plagioclase	20%
Sericite (after plagioclase)	15%
Chlorite (after mafics)	10%
Biotite (secondary)	5%
Pyrite, trace chalcopyrite	1-2%
K-feldspar (mainly secondary)	1%
Magnetite, illimenite (?)	1%
Rutile/sphene	1%
Epidote	1%
Apatite	1%

In thin section, this sample consists mainly of about 20-30% small relict (sericitized) plagioclase and 10-20% slightly larger relict (chloritized) mafic phenocrysts in a fine-grained groundmass made up mostly of amphibole and accessory magnetite, rutile/sphene, locally with vaguely defined clasts or fragments containing biotite, sulfides and Kspar, or cut by alteration zones of amphibole-minor Kspar. In summary, this appears to represent a mafic (**basaltic**) volcanic porphyry composed of plagioclase and pyroxene (?) phenocrysts and local somewhat more felsic clasts, in an aphanitic groundmass that has been significantly altered to secondary likely actinolite, amphibole, sericite, albite, chlorite, minor biotite, Kspar, epidote and rutile/sphene (after original magnetic /illimenite?).

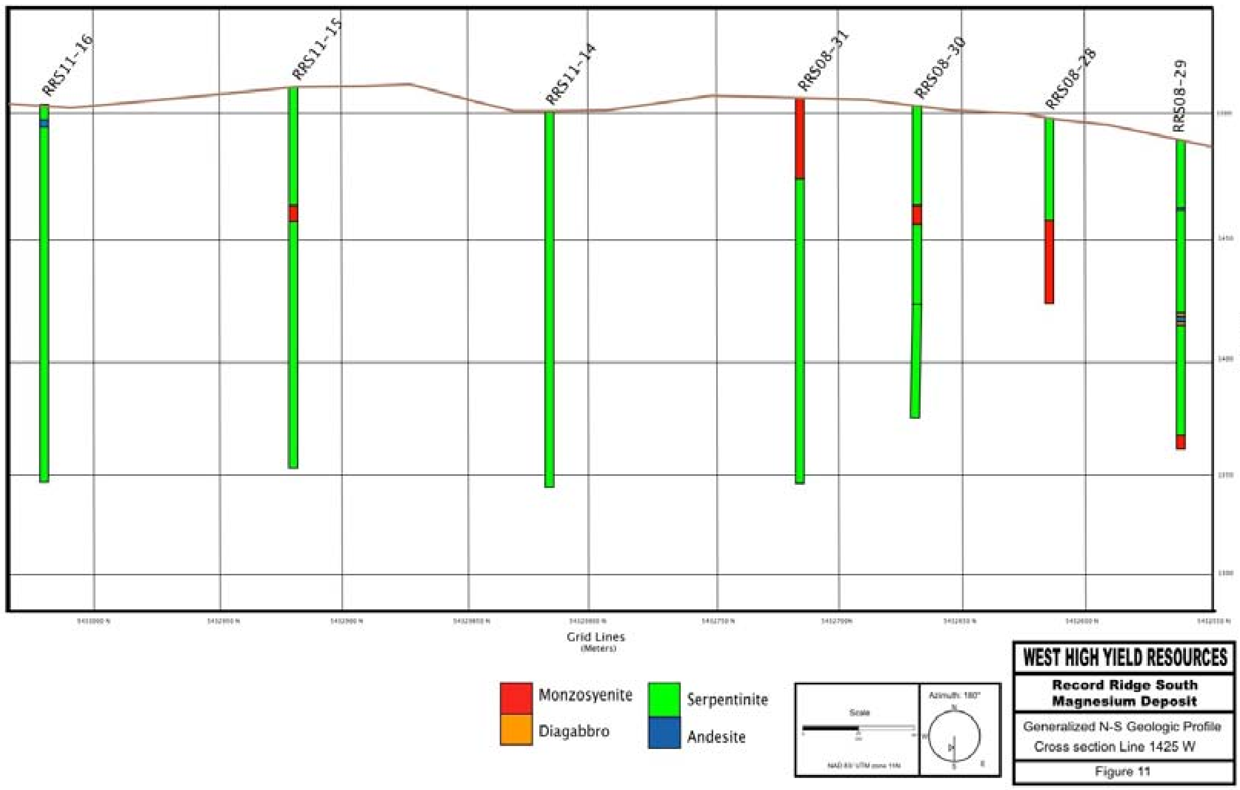

Figure 10: Generalized Geological Profile (N-S Cross Section Line 1425W)

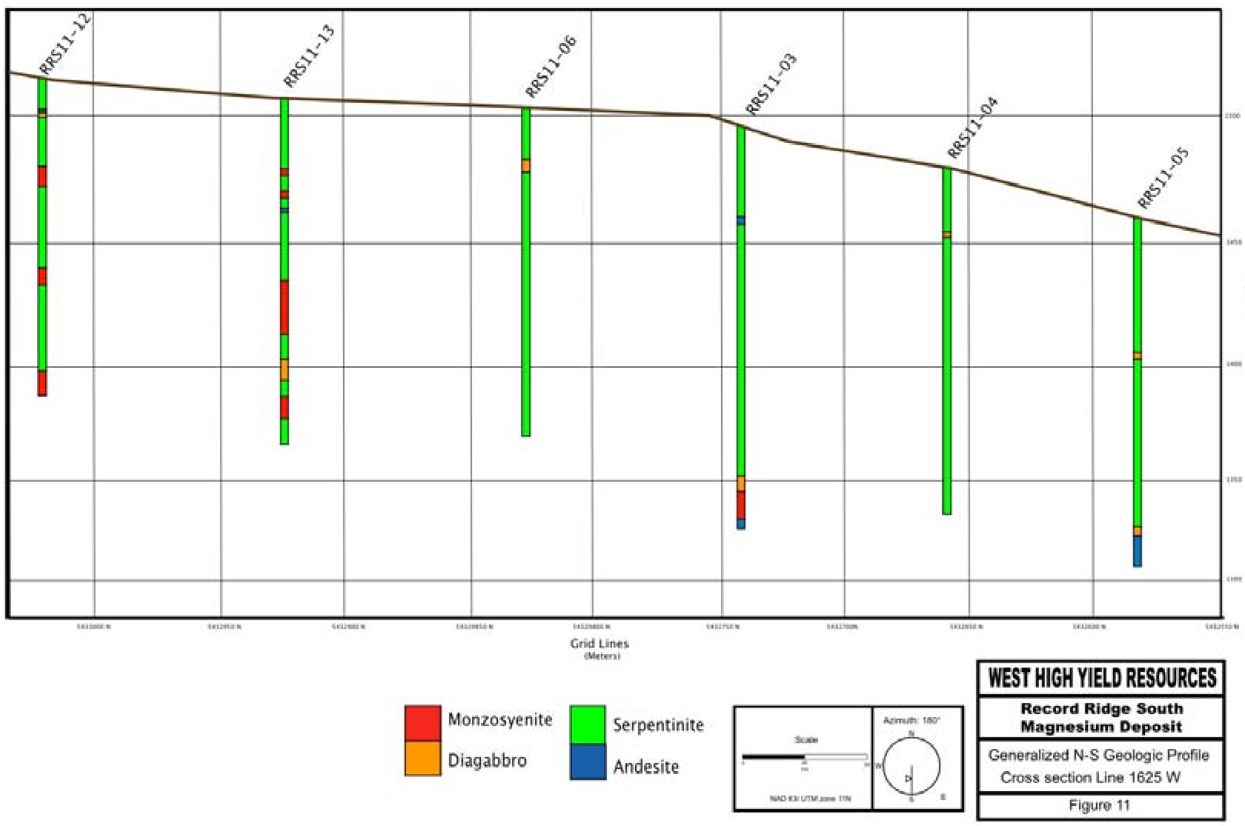

Figure 11: Generalized Geological Profile (N-S Cross Section Line 1625 W)8.

MINERALIZATION

8.1 Magnesium and Nickel

The results of combined 2007, 2008 and 2011 diamond drilling programs indicate that the Record Ridge ultramafics host significant magnesium and nickel mineralization of economic interest. The strong demand for magnesium - growth is around 4 % to 6 % per annum - is driven by the metal's unique properties that so far have no substitutes. Magnesium is as strong as steel and 40% lighter than aluminium. It readily alloys, and is easy to machine and cast. The current market price of magnesium is $1.47 USD/Lbs. or $3,241 USD/Mt (October 21, 2011: www.magnesium.com).

Whole rock ICP-AES (four-acid "Near-Total" digestion) have shown consistently high magnesium and anomalous nickel values throughout the ultramafic body.

The following table summarizes the drill intersections of the serpentinite with magnesium and nickel values. These values are fully diluted with intervened volcanic, sub-volcanic and intrusive rocks, which contain lower magnesium and nickel values:

TABLE 1

Summary of Serpentinite Intersections
2007- 2008 - 2011 Diamond Drilling Program
Record Ridge South Magnesium-Nickel Exploration Project
Rossland, BC

1. All holes drilled in vertical
2. Length shown in green with "122.2" represent serpentinites from surface
3. N/A = Not assayed

DDH #	Depth (meters)		Length (meters)	**Magnesium %**	**Nickel %**	Lithology Remark
	From	To				
RRS07-1	9.3	14.2	4.9	N/A	0.09	Andesite
	14.2	204.6	190.4	21.3	0.19	Serpentinite incl. 5 dykes (1.08 – 2.26 m thick) totaling 7.56 m
	204.6	237.9	33.3	2.0	0.01	Andesite
	237.9	254.5	16.6	22.5	0.18	Serpentinite
RRS07-2	2.0	19.8	**17.8**	25.6	0.22	Serpentinite near the contact with the volcanics;
	19.8	74.2	54.4	N/A	0.04	Andesite
RRS07-3	9.5	75.6	**66.1**	22.6	0.19	Serpentinite Including one dyke 3 m thick;western fringe near the contact with the volcanics ;
	75.6	117.4	41.8	N/A	N/A	Andesite
	2.2	94.5	**92.3**	25.0	0.21	Serpentinite including one dyke (0.85 m)

RRS07-4	94.5	109.9	15.4	N/A	0.01	Diagabbro
	109.9	118.4	8.5	31.3	0.20	Serpentinite overlain (intrusive) by diagabbro(15.4 m)
	118.4	123.4	5.0	7.9	0.02	Diagabbro
	123.4	182.8	59.4	25.5	0.22	Serpentinite overlain (intrusive) by diagabbro (5 m)
RRS07-5	3.5	170.2	**166.7**	25.2	0.20	Serpentinite including one dyke (1.5 m)
	170.2	197.6	27.4	N/A	0.04	Diagabbro
	197.6	210.1	12.5	19.9	0.14	Serpentinite
	210.1	234.0	23.9	N/A	0.02	Diagabbro
RRS07-6	3.9	59.0	**55.1**	25.0	0.20	Serpentinite near the southeastern fringe
	59.0	83.6	24.6	N/A	0.04	Diagabbro
	83.6	96.0	12.4	29.1	0.23	Serpentinite
	96.0	99.9	3.9	6.2	0.05	Diagabbro
	99.9	105.7	5.8	28.9	0.23	Serpentinite
	105.7	118.2	12.5	N/A	0.05	Diagabbro
	118.2	130.5	12.3	24.4	0.19	Serpentinite
	130.5	134.8	4.3	9.3	0.04	Diagabbro
	134.8	142.7	7.9	24.8	0.20	Serpentinite
	142.7	224.3	81.6	N//A	0.05	Diagabbro
RRS08-1	0.0	19.6	**19.6**	21.9	0.22	Serpentinite
	19.6	25.9	6.3	8.05	0.04	Andesite
	25.9	68.9	43.0	22.9	0.21	Serpentinite including one dyke(1.9 m)
	68.9	89.1	20.2	11.4	0.07	Serpentinized andesite
	89.1	122.8	33.7	24.5	0.21	Serpentinite including two dykes (0.7 m & 1.1 m)
RRS08-2	0.0	44.0	**44.0**	24.0	0.22	Serpentinite including one dyke(3.3 m)
	44.0	50.3	6.30	6.28	0.13	Andesite
	50.3	123.4	73.1	23.9	0.21	Serpentinite including.3 dykes (1.1 & 3.6 m thick)
RRS08-3	1.8	63.0	**61.2**	25.0	0.22	Serpentinite including one dyke(0.85 m)
	63.0	79.4	16.4	3.8	0.09	Andesite
	79.4	149.7	70.3	23.9	0.20	Serpentinite overlain (intrusive and /or in fault) by basalti andesite to diagabbro(16.4 m)
RRS08-4	1.8	36.0	**34.2**	25.8	0.23	Serpentinite
	36.0	40.9	4.9	4.89	0.06	Diagabbro
	40.9	123.1	82.2	26.9	0.24	Serpentinite including one dyke(1.85 m)
RRS08-5	0.6	45.3	**44.7**	24.0	0.21	Serpentinite including one dyke 2 m thick
	45.3	74.7	29.4	4.9	0.03	Andesite
RRS08-6	1.2	54.8	**53.6**	24.0	0.22	Serpentinite
	54.8	93.3	38.5	3.0	0.07	Basaltic andesite to diagabbro
RRS08-7	1.2	123.4	**122.2**	24.4	0.23	Serpentinite including two dykes; (1.4 m & 2.05 m thick)
RRS08-8	1.5	25.2	**23.7**	21.0	0.18	Serpentinite including.one dyke(3.2 m thick)
	25.2	31.4	6.2	4.5	0.02	Basaltic andesite
	31.4	96.3	64.9	24.5	0.27	Serpentinite inncuding one dyke (0.4m)

	96.3	104.6	8.3	13.5	0.06	Basaltic andesite
	104.6	123.7	19.1	25.5	0.19	Serpentinite including. one dyke (0.6 m)
RRS08-9	1.2	16.9	15.7	13.0	0.06	Mainly diagabbro mixed with serpentinized andesite
	16.9	29.4	12.5	20.9	0.19	Serpentinite
	29.4	35.9	6.5	5.88	0.07	Basaltic andesite to diagabbro
	35.9	73.6	37.7	21.6	0.19	Serpentinite
	73.6	77.6	4.0	6.82	0.05	Diagabbro
	77.6	94.5	16.9	18.5	0.16	Serpentinite
	94.5	103.9	9.4	3.45	0.04	Diagabbro
RRS08-10	0.6	59.4	**58.8**	19.7	0.17	Serpentinite including two dykes; 0.7 m and 2. 7 m)
	59.4	64.7	5.3	5.49	0.02	Diagabbro
	64.7	71.7	7.0	17.0	0.15	Serpentinite
	71.7	80.9	9.2	8.11	0.03	Diagabbro mixed with serpentinized andesite
	80.9	126.8	45.9	24.0	0.21	Serpentinite
RRS08-11	1.2	25.4	**24.2**	23.6	0.20	Serpentinite
	25.4	29.7	4.3	6.0	0.02	Diagabbro
	29.7	123.8	94.1	25.3	0.2	Serpentinite including one dyke (0.83m)
RRS08-12	1.2	49.0	**47.8**	26.4	0.22	Serpentinite
	49.0	82.7	33.7	8.42	0.03	Diagabbro
	82.7	122.2	39.5	26.7	0.22	Serpentinite including two dykes (1.7 & 2.6 m thick) overlain by diagabbro (33.7 m thick)
RRS08-13	1.2	75.1	**73.9**	25.7	0.20	Serpentinite including. one dyke 2 m thick
	75.1	86.4	11.3	12.5	0.06	Basaltic andesite mixed with serpentinite at random intervals
	86.4	110.3	23.9	20.1	0.14	Serpentinite
	110.3	122.8	12.5	4.0	0.06	Andesite
RRS08-14	0.6	98.2	**97.6**	25.1	0.20	Serpentinite including one dyke 1.55 m thick
	98.2	113.6	15.4	9.5	0.04	Diagabbro including serpentinite of 3.8 m thick
	113.6	119.7	6.1	21.3	0.22	Serpentinite
	119.7	123.8	4.1	6.48	0.03	Diagabbro
RRS08-15	0.6	84.1	**83.5**	22.7	0.20	Incl. 3 dykes (07– 1.6 m thick) totaling 3.6 m
	84.1	117.9	33.8	4.32	0.02	Diagabbro
RRS08-16	0.7	13.7	**13.0**	19.8	0.19	Serpentinite near the eastern fringe
	13.7	27.0	13.3	5.27	0.01	Basaltic andesite to diagabbro
	27.0	106.0	79.0	21.8	0.20	Serpentinite overlain (intrusive and /or in fault) by basaltic andesite to diagabbro(13.3 m)
	106.0	123.8	17.8	5.25	0.04	Basaltic andesite to diagabbro
RRS08-17	1.2	58.1	**56.9**	21.5	0.20	Serpentinite including two dykes (1.4 & 2.9 m thick)
	58.1	77.1	19.0	5.95	0.01	Basaltic andesite to diagabbro
	77.1	123.4	46.3	26.4	0.19	Overlain (intrusive and /or in fault) by basaltic andesite to diagabbro(19 m)
RRS08-18	0.6	67.2	**66.6**	22.5	0.20	Serpentinite near the northern fringe
	67.2	101.6	34.4	4.06	0.02	Monzogabbro
RRS08-19	0.0	60.8	**60.8**	22.4	0.20	Serpentinite including one dyke (2 m) near the northern fringe;

RRS08-20	0.0	27.5	**27.5**	18.6	0.17	Serpentinite att the northern fringe; Shut down in fault zone
	27.5	38.4	10.7	6.93	0.03	Faulted basaltic andesite
RRS08-21	0.0	58.9	**58.9**	22.5	0.20	Serpentinite at the western fringe; incl. one dyke 3 m thick
	58.9	89.8	30.9	3.58	0.01	Basaltic andesite to diagabbro
	89.8	97.9	8.1	23.8	0.21	Serpentinite
	97.9	116.7	18.8	3.50	0.05	Basaltic andesite to diagabbro
RRS08-22	4.0	25.0	21.0	2.85	0.04	Diagabbro without serpentinite intersection
RRS08-23	5.2	28.6	23.4	4.53	0.03	Monzosyenite
	28.6	152.4	123.8	23.7	0.21	Serpentinite including one dyke (0.7 m) within the monzo-syenite dyke sill zone; capped by monzo-syenite; 20.7 m
RRS08-24	2.7	135.3	**132.6**	24.3	0.24	Serpentinite including. one dyke (0.9 m)
	135.3	154.3	19.0	1.51	0.03	Monzosyenite
RRS08-25	0.6	11.6	**11.0**	22.5	0.20	Serpentinite within the monzosyenite dyke -sill zone
	11.6	27.7	16.1	3.63	0.05	Basaltic andesite to diagabbro
	27.7	88.4	60.7	23.9	0.22	Serpentinite overlain (intrusive and /or in fault) by basaltic andesite to diagabbro(16.1m)
	88.4	104.5	16.1	2.05	0.06	Monzosyenite
	104.5	123.8	19.3	25.4	0.23	Serpentinite
RRS08-26	1.2	123.8	**122.6**	22.7	0.20	Serpentinite including two dykes (1.2 & 2.5 m thick)
RRS08-27	1.0	123.8	**122.8**	24.1	0.21	Serpentinite including two dykes (2 m and .2.3 m)
RRS08-28	0.0	41.4	**41.4**	24.3	0.22	Serpentinite
	41.4	75.0	33.6	2.20	0.04	Monzosyenite
RRS08-29	0.0	117.9	**117.9**	21.7	0.19	Serpentinite including 3 dyke , 1.3 – 2.5 m totaling 5.7 m
	117.9	123.7	5.8	1.87	0.04	Monzosyenite
RRS08-30	0.0	40.0	**40.0**	22.9	0.22	Serpentinite near the monzo-syenite dyke- sill zone
	40.0	47.8	7.8	2.69	0.04	Monzosyenite
	47.8	124.6	76.8	25.1	0.23	Serpentinite overlain (intrusive) by monzo-gabbro 7.8 m
RRS08-31	3.6	31.9	28.3	2.26	0.05	Monzosyenite
	31.9	154.5	122.6	27.7	0.20	Serpentinite capped by monzo-syenite
RRS08-32	0.0	36.5	**36.5**	23.9	0.22	Serpentinite including one dyke 2.4 m
	36.5	53.3	16.8	4.98	0.08	Basaltic andesite to diagabbro
	53.3	114.8	61.5	22.5	0.21	Serpentinite including. one dyke (1.9 m); overlain by 16.8 m of basaltic andesite to diagabbro;
RRS08-33	0.0	117.3	**117.3**	25.6	0.22	Serpentinite
RRS08-34	7.7	143.0	**135.3**	24.5	0.20	Serpentinie including twodykes (0.8 & 1.9 m thick)
RRS08-35	1.0	123.7	**122.7**	26.7	0.24	Serpentinite incl. 4 dykes (0.97 – 2.2 m thick totaling 6.5 m
RRS08-36	0.0	124.4	**124.4**	24.3	0.19	Serpentinite
RRS08-37	8.3	14.9	6.6	3.17	0.01	Monzosyenite
	14.9	123.7	108.8	24.6	0.20	Serpentinite capped by monzo-syenite
RRS08-38	0.0	8.4	8.4	10.3	0.08	Monzosyenite mixed with sheared /faulted serpentinite
	8.4	154.2	145.8	26.8	0.20	Serpentinite including one dyke (0.85 m); capped by monzosyenite and faulted serpentinite
RRS08-39	0.9	154.5	**153.6**	26.6	0.20	Serpentinite including one dyke (0.6 m)

RRS08-40	0.2	148.4	**148.2**	25.3	0.20	Serpentinite including 3 dykes (0.3 – 3.5 m thick) totaling 5 m
RRS08-41	0.0	19.9	**19.9**	26.6	0.20	Serpentinite
	19.9	49.3	29.4	2.38	0.05	Monzosyenite
	49.3	83.7	34.4	26.0	0.21	Serpentinite overlain (intruded and/or in fault)by monzo-syenite (29.3 m)
	83.7	88.1	4.4	9.52	0.04	Basaltic andesite
RRS08-42	0.2	89.5	**89.3**	24.2	0.20	Serpentinite including one dyke (1.5 m)
	89.5	93.5	4.0	6.50	0.03	Diagabbro
RRS08-43	1.5	63.6	**62.1**	25.1	0.20	Serpentinite including. two dykes (1.7 & 2 m thick)
	63.6	93.3	29.7	3.26	0.01	Basaltic andesite to diagabbro
RRS08-44	0.0	75.2	75.2	2.77	0.01	Andesite
	75.2	86.0	10.8	20.0	0.16	Serpentinite capped by the volcanics in the southwestern fringec
	86.0	94.6	8.6	6.42	0.08	Augite porphyry
	94.6	98.8	4.2	16.6	0.17	Serpentinite
	98.8	109.4	9.6	N/A	N/A	Andesite
RRS08-45	5.8	18.0	**12.2**	16.9	0.17	Serpentinite near the contact with the volcanics in the southwestern fringe
	18.0	72.9	54.9	2.02	0.08	Andesite
RRS11-1	3.0	165.4	162.4	7.68	0.04	Basaltic andesite to diagabbro
	165.4	185.6	20.2	22.3	0.20	Serpentinite
RRS11-2	3.0	244.4	241.4	2.9	0.01	Monzosyenite and diagabbro
RRS11-3	2.1	153.2	**151.1**	22.2	0.20	Serpentinite
	153.2	175.9	22.1	4.7	0.02	Monzosyente
RRS11-4	0	152.4	**152.4**	24.0	0.20	Serpentinte
RRS11-5	2.1	152.4	**150.3**	20.2	0.16	Serpentinite incuding. two dykes (3.6 m and 4 m)
RRS11-6	5.2	23.1	**17.9**	17.3	0.15	Sheared/faulted serpentinite
	23.1	28.2	5.1	6.9	0.09	Diagabbro
	28.2	143.9	115.7	23.1	0.20	Serpentinite
RRS11-7	0.6	54.6	**54.0**	23.0	0.20	Serpentinte
	54.6	78.7	24.1	8.1	0.41	Diagabbro mixed with serpentinized andesite
	78.7	152.4	73.7	26.1	0.20	Serpentinite
RRS11-8	0.6	152.4	**151.8**	23.7	0.20	Serpentinite
RRS11-9	0.6	149.3	**148.7**	23.4	0.19	Serpentinite
RRS11-10	1.5	40.9	**39.4**	22.5	0.20	Serpentinte
	40.9	49.8	8.9\	5.8	0.03	Diagabbro
	49.8	88.0	38.2	22.0	0.19	Serpentinite
	88.0	96.0	8.0	2.5	0.03	Diagabbro
	96.0	152.4	56.4	23.7	0.21	Serpentinte
RRS11-11	4.0	10.3	6.3	2.41	0.04	Monzosyenite
	10.3	13.6	3.3	20.7	0.20	Serpentinite
	13.6	38.5	24.9	3.38	0.05	Monzosyenite
	38.5	43.2	4.7	20.1	0.19	Serpentinite

	43.2	87.6	44.3	N/A	N/A	Monzosyenite - not sampled
RRS11-12	0	38,1	**38.1**	21.3	0.18	Serpentinite
	38.1	46.9	8.8	3.4	0.01	Monzosyenite
	46.9	128.4	81.5	21.2	0.19	Serpentinite incuding. two dykes (1 m and 1.7 m)
	128.4	138.7	10.3	N/A	N/A	Monzosyenite - not sampled
RRS11-13	2.4	31.9	**29.5**	23.6	0.20	Serpentinite
	31.9	44.3	12.4	2.4	0.04	Monzosyenite
	44.3	80.9	36.6	20.9	0.26	Serpentinite
	80.9	104.5	23.6	2.0	0.03	Monzosyenite
	104.5	115.1	10.6	23.2	0.19	Serpentinte
	115.1	124.3	9.2	3.0	0.02	Diagabbro
	124.3	131.0	6.7	22.8	0.20	Serpentinite
	131.0	141.3	10.3	2.0	0.03	Monzosyenite
	141.3	151.8	10.5	24.4	0.21	Serpentinite
RRS11-14	2.4	152.4	**150.0**	23.7	0.20	Serpentinite
RRS11-15	1.5	47.6	**46.1**	23.1	0.19	Serpentinite
	47.6	56.0	8.4	7.6	0.03	Monzosyenite
	56.0	152.4	96.4	24.0	0.20	Serpentinite
RRS11-16	2.1	152.4	**150.3**	24.7	0.20	Serpentinite
RRS11-17	2.4	55.2	**`52.8**	23.4	0.21	Serpentinite
	55.2	67.0	11.8	2.8	0.04	Monzosyenite and diagabbro
	67.0	152.4	85.4	25.5	0.22	Serpentinite
RRS11-18	0.6	89.6	**89.0**	22.8	0.20	Serpentinite including one dyke (1.9 m)
	89.6	106.8	17.2	1.98	0.03	Monzosyenite
	106.8	127.5	20.7	15.0	0.13	Serpentinized andesite
	127.5	159.1	22.6	N/A	N/A	Monzosyenite - not sampled
RRS11-19	4.0	10.8	**6.8**	19.3	0.18	Serpentinite
	10.8	34.5	23.7	5.94	0.03	Monzosyenite and diagabbro
	34.5	74.3	39.8	23.2	0.20	Serpentinite
	74.3	78.6	4.3	4.47	0.09	Diagabbro
	78.6	80.7	2.1	20.4	0.18	Serpentinite
	80.7	99.0	18.3	N/A	N/A	Monzosyenite - not sampled
	99.0	152.4	53.4	24.5	0.20	Serpentinite
RRS11-20	0	152.4	**152.4**	24.0	0.20	Serpentinite including one dyke (1.4 m)
RRS11-21	0	20.2	**20.2**	22.5	0.20	Serpentinite
	20.2	38.3	18.1	2.73	0.04	Diagabbro
	38.3	152.4	114.1	22.2	0.19	Serpentinite incuding. two dykes (2 m and 3.7 m)
RRS11-22	0	70.4	**70.4**	23.0	0.20	Serpentinite
	70.4	83.9	13.5	6.4	0.02	Monzosyenite and diagabbro
	83.9	152.4	68.5	24.2	0.20	Serpentinite
RRS11-23	0	152.4	**152.4**	23.5	0.19	Serpentinite including one dyke (1.7 m)

RRS11-24	4.0	21.9	**17.9**	22.4	0.22	Serpentinite
	21.9	29.0	7.1	5.0	0.01	Diagabbro
	29.0	118.6	89.6	24.5	0.21	Serpentinite
	118.6	137.8	19.2	6.52	0.04	Monzosyenite and diagabbro
RRS11-25	0	152.4	**152.4**	23.0	0.19	Serpentinite incuding. two dykes (0.4 m and 2 m)
RRS11-26	4.9	12.9	8.0	8.28	0.04	Diagabbro
	12.9	106.3	93.4	21.3	0.17	Serpentinite including one dyke (2 m)
	106.3	120.3	14.0	5.59	0.03	Diagabbro
	120.3	152.4	32.1	20.1	0.16	Serpentinite

The nickel values in the above chart include nickel in both supphide and non-sulphide minerals as "total nickel". In 2008, a total of 21 drill cores samples were tested for nickel sulphide by Assayers Canada and Acme Lab., both in Vancouver, BC. Assayer Canada gave nickel sulphide values from a low of 0.09 % NiS to a high of 0.16 % NiS. Acme Lab's assay report shows also the same range of nickel sulphide values that Assayers Canada reported.

8.2 Cobalt

Based on the analytical data from 73 holes drilled in the ultramafics in the 2007 - 2011 drill programs, the cobalt values contained in the serpentinite of the Record Ridge ultramafic body are running from 77 g/t (77 ppm) to 126 g/t (126 ppm) averaging 106 g/t Co.

8.3 Chromium

In 2011, all drill samples for the ultramafics were tested by ICP method with four acid digestion and the resulted chromium values are relatively low, averaging 0.19 % Cr.

In 2007 and 2008, only selected samples were tested by fusion method for chromium values. The following chart summarizes the chromium values for the selected 13 holes drilled in 2007 and 2008:

Summary of chromium values in serpentinite

Length shown in green with " 61.2 " represent serpentinites from surface, without major sub-intrusive dykes

DDH #	Depth (meters) From	To	Length (meters)	Cr %	Remark
RRS08-1	0.00	19.6	**19.6**	0.51	
	25.9	68.9	43.0	0.30	Incl. one dyke(1.9 m)
	89.1	122.8	33.7	0.26	Incl. two dykes; 0.7 m & 1.1m
RRS08-2	0	33.1	**33.1**	0.30	
	36.4	44.0	7.6	0.28	
	50.3	60.9	10.5	0.38	
	64.6	90.2	25.7	0.35	
	92.5	123.4	30.9	0.25	Incl. one dyke(1.1 m)
	1.8	36.0	**34.4**	0.30	

RRS08-4	40.9	123.1	82.2	0.53	Incl. one dyke(1.85 m)
RRS08-5	0.6	22.3	**21.7**	0.35	
	24.3	45.3	21.0	0.34	
RRS08-6	1.2	54.8	**53.6**	0.34	
RRS08-7	1.2	123.4	**122.2**	0.36	Incl.2 dykes(1.4 m & 2.05 m thick)
RRS08-8	1.5	12.5	**11.0**	0.31	
	15.7	25.2	9.5	0.37	
RRS07-1	14.2	179.4	**165.2**	0.29	Incl.4dykes(1.08 – 1.68 m) totaling 5.3 m
	181.7	204.6	22.9	0.23	
	237.9	254.5	16.6	0.19	Incl. one dyke (0.89m)
RRS07-2	2.0	19.8	**17.8**	0.29	Near the contact with the volcanics
RRS07-3	9.5	73.0	**63.5**	0.27	Western fringe near the contact with the volcanics ; incl. one dyke 3 m thick
RRS07-4	2.2	94.5	**92.3**	0.35	Incl. one dyke (0.85 m)
	109.9	118.4	8.5	0.41	Overlain (intrusive) by diagabbro(15.4 m)
	123.4	182.8	59.4	0.31	Overlain (intrusive) by diagabbro (5 m)
RRS07-5	3.5	170.2	**166.7**	0.33	Incl. one dyke (1.5 m)
	197.6	210.1	12.5	0.22	
RRS07-6	3.9	59.0	**55.1**	0.27	Southeastern fringe
	83.6	96.0	12.4	0.27	
	99.9	105.7	5.8	0.26	
	118.2	130.5	12.3	0.33	
	134.8	142.7	7.9	0.31	
Average				**0.33**	Weighted average

8.4 Base Metal and Precious Metal Occurrences

8.4.1. Base metal showings

The base metal occurrences on the Record Ridge property reported by Lee Morrison (1979) could not be recovered in the 2007 - 2011 drill program field seasons. Morrison (1979) states that "there is a group of pits and trenches near on old cabin on the east side of the Record Ridge at line grid 5S, 9W." In 2007, Morrison's 1979 line grids were totally disappeared and it was not able to relocate the old cabin, pits and trenches. "Five grab samples of weathered material from the shears (10 cm wide and 10 m long) contained traces of gold and from 12 to 80 grams of silver/tonne. Three samples assayed for base metals contained an average of 0.8% Cu, 0.4% Pb and 0.4% Zn, although no lead or zinc-bearing minerals were identifiable." (Morrison 1979).

The strongly kaolinized and manganese stained shear zone in the old adit "consisted of visually only crystalline pyrite, but a sample from the shear zone contained 0.6 % Pb, 0.3% Cu and 0.7% Zn (Morrison 1979).

8.4.2. Chromite Showings

Three chromite showings were reported by Morrison (1979). "The best of three is at 31S, 8W where there is a vertical lens of massive chromite up to 30 cm wide in a nearly vertical sheared zone striking N30°W. The walls also contain disseminated chromite within a patchy band up to 10 m wide". "Two selected grab samples of massive chromite from several large trenches (at about 7W between 39S and 42S) averaged 29.8% Cr_2O_3, 17.2% Fe_2O_3 and 0.08% TiO_2."(Morrison 1979).

8.4.3. Precious Metal Showings

Based on the results of 2007 - 2011 drilling, the Record Ridge ultramafics erratically contain quartz veins with sulphide mineralization (mainly pyrite) and are disseminated by pyrite or pyrrhotite throughout the property. On the actual drill core logging and assaying, no precious metal mineralization is recognized. The best drill core sample from the Record Ridge property is 0.24 g/t Au over 1.5 m from hole RRS07-1. The assay results of other selected 80 samples returned a negative value, 0.001 – 0.007 g/t Au. Three grab samples of sulphides (mainly pyrite) taken by Morrison (at line 22S between 18W and 19W) contained "only trace of gold and 3 grams silver/tonne." "Within the wedge of Rossland formation west of 15W baseline between 18S and 27S, where several old pits in rusty sediments and andesite are located, selected samples returned only trace of gold and an average of 8 grams silver per tonne."(Morrison 1979).

8.5 Platinum Group Elements

The assay results of 5 surface and 70 drill selected core sample from the Record Ridge ultramafic rocks in 2007 returned a negative value for platinum and palladium, not exceeding <0.01 g/t. However, it should be noted, "a probable selected sampling of serpentinite for platinum returned an assay of 1.02 grams per tonne" (Addie, 1973). Subsequent work by other companies has failed to reproduce the platinum results (Open File 1900-27).

9. EXPLORATION

Unlike most of the properties near Rossland, BC, the Record Ridge South properties have had very little exploration done on them. There appears to be some old abandoned pits and trenches, however, the first documented exploration in this area was in 1973.

In 1973, Mineral Resources International Ltd., Calgary, AB, owned the “Job” claims, located on Ivanhoe Ridge. George G. Addie, who was a P.Eng. & P.Geo., was retained by this company to conduct a magnetometer survey in April,1973. The survey was done using the Cascade Highway and adjacent power lines as controls. The survey found anomalous zones within the property that were linked to the occurrence of magnetite within the ultramafic serpentinite body that lies within the Ivanhoe Ridge area.

In 1974, the same company had six chromite-bearing ultramafic rocks sampled and noted the following values:

- Platinum: 1.0-1.4 g/t
- Silver: Trace
- Gold: Trace
- Nickel: 0.16f- 0.23%
- Cobalt: 0.006 - 0.016%
- Chromium: 0.18 - 16.5%

(Assessment Report 4927)

The next documented work on the property occurred in 1978, when the claims MAR 1-4, LAND 1-6, SKIN 1-4, ROSS and CAL, became the “Morrison-White” property. The property was evaluated on behalf of United Canso Oil and Gas, Calgary, AB.

The 460-hectare grid area was geologically mapped at a scale of 1: 2,500, preceded by mapping at a scale of 1: 10,000 on an enlarged aerial photo base. The same area was also surveyed by soil sampling on a 100 meter x 50 meter grid and by magnetic profiling at 10 meter station intervals.
Their work concluded that eight of the eleven soil geochemical anomalies located on the property are of sufficient interest to warrant further geophysical and/or geochemical evaluation (Assessment Report 7162).

The next documented exploratory work was in 1984, by Noranda Exploration Company, who held the CAL and ROSS 2-3 claims. The company preformed trenching, soil sampling, which consisted of 177 separate samples, a magnetometer survey over 16 km, as well as induced polarization and EM surveys over 1 km.

Finally, during three years field seasons for 2007, 2008 and 2011, West High Yield Resources, Calgary, AB, conducted a 77 hole diamond drill program totaling 7,874 metres with 6,055 sample assays, as well as surface mapping and surface sampling, with the hopes of determining the economic potential of the magnesium-rich nickeliferrous cobalt-chromium bearing ultramafic rocks that underlie the property.

DRILLING

10.1 Introduction

The 2011 drill program consisted of 26 NQ core drill holes totaling 4,000 metres with 2,181 assays on a 100-metre square grid pattern within an approximately 300 m x 600 m section. All of the holes were drilled vertically. The holes were laid 100-meters apart on a rhombic grid, which was established using GPS *(Trimble™ GPS Pathfinder ProXRT).* The holes ranged in depths from a minimum of 87.5 meters (RRS 11-11) to a maximum of 244.4 meters (RRS 11 – 2).

Dip tests were conducted at approximately 70-meter intervals, using REFLEX EZ-SHOT™ drill hole equipment. All hole UTM coordinates, collar elevations and grid locations (in metres) are summarized in the following table:

2011 Diamond Drill Hole Particulars

UTM				
DDH Number	Northing	Easting	Elevation (m)	Depth drilled (m)
RRS11-1	5432507.59	434577.52	1469.37	185.6
RRS11-2	5432461.86	434477.88	1462.17	244.4
RRS11-3	5432715.60	434275.15	1549.21	175.9
RRS11-4	5432618.35	434272.95	1527.89	152.4
RRS11-5	5432518.15	434278.16	1502.84	152.4
RRS11-6	5432815.28	434288.88	1553.62	143.9
RRS11-7	5432812.52	434379.49	1537.44	152.4
RRS11-8	5432915.65	434377.10	1545.21	152.4
RRS11-9	5433016.30	434376.85	1537.63	149.3
RRS11-10	5433117.82	434380.26	1543.10	152.4
RRS11-11	5433115.50	434301.45	1565.19	87.5
RRS11-12	5433017.40	434300.50	1562.95	138.7

RRS11-13	5432913.20	434302.34	1556.69	151.8
RRS11-14	5432814.58	434475.22	1496.22	150.3
RRS11-15	5432916.78	434476.71	1511.69	152.4
RRS11-16	5433017.92	434476.59	1499.84	152.4
RRS11-17	5433118.05	434474.36	1518.74	152.4
RRS11-18	5432514.60	434206.91	1511.61	150.1
RRS11-19	5432616.44	434200.43	1528.80	152.4
RRS11-20	5432716.90	434183.41	1561.31	152.4
RRS11-21	5432814.35	434178.73	1574.22	152,4
RRS11-22	5432910.05	434201.19	1588.54	152.4
RRS11-23	5433007.38	434200.31	1591.72	152.4
RRS11-24	5433107.61	434200.30	1593.29	137.8
RRS11-25	5432457.83	434390.52	1475.20	152.4
RRS11-26	5432548.01	434707.38	1447.16	152.4

10.2 Drill Results

Continuous with the 2007 and 2008 drill programs, the follow-up 2011 drill program resulted in an encouraging finding that the Record Ridge ultramafic rocks host significant magnesium mineralization of economic interest. Ultramafic rocks are characterized by high magnesium weight percent (wt %). Based on a total of 6,055 drill core sample assays, the magnesium values overall the property are averaged to be 23.3 wt % Mg or 39.8 wt % of MgO. The Record Ridge ultramafics also contain other metals of economic interest. The nickel values in the ultramafics are averaging 0.20 % Ni. The cobalt and chromium values are averaging 106 g/t Co and 0.33 % Cr, respectively. Also, the silicon dioxide (SiO_2) values in the ultramafics are averaged to be 36.8%.

The serpentinite drill intersections of economic interest resulted by 2007 - 2011 drill programs are summarized in Section 8 and the chart on Page 28.

10.3 Geotechnical logging

In 2011, all drill cores were subjected to a series of geotechnical tests, in order to determine certain qualities of the rock. The geotechnical tests were performed every 1-5 meter, depending on the homogeneity of the rock. The specific gravity of the core samples was measured using a scale and graduated cylinder. Next the rock quality was determined using the Q-system (**$Q=(RQD/J_n)*(J_r/J_a)*(J_w/SRF)$**, where RQD= Rock quality designation; J_n= Joint set number; J_r= Roughness of the most unfavorable joint or discontinuity; J_a= Degree of alteration or filling along the weakest joint; J_W= Water inflow; SRF= Stress reduction factor.

11. SAMPLING METHODS. ANALYSIS AND SAMPLE STORAGE

All of the drill cores were placed into wooden boxes, each containing approximately five meters of NQ core. The boxes were then brought to the Midnight camp, where it is was logged. The logging consisted of detailed analysis of the geology, sample design and geotechnical logging to determine the specific gravity and Q-value of the rock. All samples were divided into 2-meter sections.

The core was then split by a diamond saw with half of the 2-meter rock sample going into a plastic bag containing a unique sample identification number, and the other half of the rock sample being returned to the wooden box from which it came. The boxes of split core were then moved to secure, metal freight containers that are located on site.

In 2011, the plastic bags containing the core samples were placed into heavy-duty rice sacks and shipped to SGS Canada and ALS Mineral Lab. both of Vancouver, BC. All drill core samples were subjected to ICP-AES analysis of 24 elements, atomic absorption for precious metals and fusion analysis. The multi-ICP was chosen to indicate the concentrations of magnesium, nickel, cobalt, chromium and other trace elements, while the fusion tests were done primarily to attain the chromium concentrations.

In 2008, a 212-kilogram bulk sample was sent to Met-Solve Laboratories Inc. for the purposes of determining the possibility of extracting magnesium and nickel from the serpentinites. The samples for metallurgical testing were prepared by using a diamond saw to quarter selected samples that were stored at the midnight camp

All ½ split drill cores from 2007 to 2012 are permanently stored in steel containers at West High Yield Resources' Midnight camp, 3 kilometres southwest of the town of Rossland, BC.

12. DATA VERIFICATION

All drill logs, analysis and assay certificates are contained in the files of West High Yield Resources, and are looked after by a qualified professional.

13. MINERAL PROCESSING AND METALLURGICAL TESTING

In 2008, metallurgical testing was conducted by Met-Solve Laboratories Inc. (www.met-solvelabs.com), and SGS Lakefield Research Ltd. Two metallurgical tests were completed by Met-Solve in 2008..

Initially, 12 kilograms of drill cores were tested to find a possibility of magnesium recovery by leaching. Subsequently the final metallurgical test program for the 200 kilograms of drill cores was completed by Met-Solve. In 2010, a 200 kilogram bulk sample is being tested for sulfuric acid leaching for higher magnesium extraction by Met-Solve Laboratories, whose final metallurgical report is anticipated to be completed in late April 2011.

Results of the Initial Metallurgical Test Program for the Magnesium Recovery.

For the initial preliminary metallurgical testing, 12 kilograms of drill cores from hole RRS07-1 (drilled in 2007) containing an average of 26 % Mg and 0.23 % total Ni were sent to Met-Solve Labs. Met-Solve's report gave the best result of magnesium recovery, **84.5%** of the Mg by sulphuric acid (H_2SO_4) leaching at 70˚ C to produce magnesium sulphate (MgSO4) and **77%** of the Mg by hydrochloric acid leaching(HCl) to produce magnesium choride($MgCl_2$).

Results of the 2008 Final Metallurgical Test Program for the Magnesium Recovery.

Encouraged by the significant results of magnesium recovery by the preliminary metallurgical testing, 200 kilogram**s** of drill cores for normal metallurgical testing were sent to Met-Solve Laboratories in 2008. The normal metallurgical test work consisted primarily of sulphuric acid (H_2SO_4) and hydrochloric acid (HCl) leaching at variable temperatures, up to 70˚**,** preceded by gravity concentration, floatation separation and magnetic separation tests. The drill cores for this normal metallurgical testing were selected from 8 holes in the southern sector of the Record Ridge South containing an average of over 25 % Mg. Using hydrochloric acid leaching method, Met-Solve Labs was able to liberate **78.6 %** magnesium in the form of magnesium chloride ($MgCl_2$).

14. MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

SRK's NI 43-101 Technical Report (February 11, 2009) presents a total of 39.8 million tons of measured and inferred resources grading 23.1 % Mg on the Record Ridge South Magnesium Deposit, based on the 2007 and 2008 drill program database containing information from 51 drill holes, totaling 6,340 metres of drilling. Based on the newly obtained 2011 drill results, SRK is now proceeding with a NI 43-101 Preliminary Economic Assessment Report with further resource expansion. It's report is anticipated to be completed in late April 2012.

15. INTERPRETATION AND CONCLUSIONS

The 2007 – 2011 line-grid drill program for a resource estimation can be divided into two sectors (northern and southern) by an north-east trending fault and diagabbro dyke between line S300 and S500.(**Fig.10**) The southern sector tested by 24 holes gave positive values of magnesium (23.1 % Mg) over widths from surface, ranging from 11 to 122.2 metres and averaging 62 metres. Contrastingly, the northern sector tested by 32 holes returned high values of magnesium averaging 23.8 % Mg with broad zones of ultramafic rocks from surface or near surface, ranging from 36.5 metres to 152.2 metres and averaging 107meters. This wide zone of the magnesium rich serpentinite is open to the west. The Record Ridge Ultramafics also contain other metals of economic interest. The nickel values in the ultramafics are averaging 0.20 % Ni. The cobalt values are running from 77g/t to 126 g/t Co. The chromite values range from 0.25 % to 0.45% Cr averaging 0.33 % Cr.

The final metallurgical test report for magnesium recovery by Met-Solve Laboratories Inc. in 2008 gave an encouraging finding to result in extraction of 78.6 % of the magnesium in the form of magnesium chloride($MgCl_2$) into solution by hydrochloric acid leaching method.

With a view to the forgoing potential economic interest and an exploration of the magnesium rich ultramafic rocks (olivine wehrlite, wehrlite and pyroxene bearing dunite), continuously from the 2011 drill sites (northern sector of resource estimation), any future drilling should be moved progressively westward & northward on 100-metre square grid patterns to increase further mineral resources in compliance with National Instrument 43-101 and CIM definition.

16. RECOMMENDATIONS

The authors are of the opinion that the Record Ridge South Magnesium Deposit is of sufficient merit to warrant further investigation by drilling and metallurgical testing for extraction of the final magnesium alloy product. A program of detail geological mapping and surface sampling should be performed in the entire western part of the Record Ridge ultramafic body comprising the exposures of olivine wehrlite, wehrlite and pyroxene bearing dunite.

In future, NQ drill holes should be laid out westerly on a 100-metre square grid pattern, continuously from the northern sector of 2011 drill program. With a practical mining stand point, there is no strong necessity to drill deeper than 160 metre (525 feet) per hole. The drill core sampling should be continuously maintained on regular 2 m sample intervals.

17. STATEMENT OF COSTS

(Based on the Company's audited *2010 Statement of Costs* by Maria Godin, book keeper, & Dwayne Vinck, C.A, CFO)

2011 Statement of Costs: Record Ridge South		
Expenses	**Cost**	**Notes**
Drilling *(West Kootenay Drilling)*	$ 396, 342	4,000 m in NQ cores; $ 99.10 per meter: West Kootenay Drilling, Castlegar, BC
Assay s *(Assayers Canada and ALS Chemex)*	69, 138	Multi-acid digested ICP, Fusion analysis Atomic absorption, PGM assays, etc.
Metallurgical Testing *(Met-Solve lab.)*	37, 775	Metallurgical testing of bulk sample for recovery of magnesium
Field Equipment and Supplies	23, 418	Drill road building and reclamation of drill sites
Surveying	5, 000	*Timble GPS* Survey equipment rental
Drill hole dip tests	5, 157	Reflex drill dip test rental: 2011 field season
Wage/Personnel	121, 473	
Field Management $21,000		$3000/month x 7months
Consulting, supervision $42,500		H. Kim, P.Geo.-85 field working days @$500 per day excluding the weekend days
Assistant Geologist $25,500		Cory Peck - 85 field working days @$300 per day excluding the weekend days
Employee Salaries $32, 473		Two full time core splitters and one part time truck driver for 120 days
Meals and Accommodations	26, 180	2 men x $85 / day x 22 days / month x 7.5 months ***All but two field employees were local and were therefore not given a live out allowance (LOA) or accommodations.
Vehicle Expense	14, 200	Insurance, fuel, storage and maintenance for three 4 x 4 trucks : 7 months
Travel	11, 665	Two men (Consultant and Field Manager) : 2 times per months for 7 months
2011 Drill Assessment Report	9, 000	Hun Kim, P. Geo 10 days @ $500/day Cory Peck, GIT 10 days @ $400 /day
Miscellaneous Field Costs	1, 500	
Total=	**$ 720,866**	

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19 . STATEMENT OF QUALIFICATION

I, Hun Kim, with a business address at 7555 Greenwood Street, Burnaby, BC do here certify that:

1. I am a consulting geologist and registered with the following professional organizations:

   - Association of Professional Engineers and Geoscientists of British Columbia (License #21179)

   - Association of Professional Engineers, Geologists and Geophysicists of Alberta (Life member registration #5848)

   - Geolgical Association Canada Fellow (Registration # F1309)

2. I am a graduate of Seoul National University(1958) holding B.ASc

3. During the period from 1969 to 1977, I have been a Mine Geologist and Chief Geologist of Granby Mining Company (daily production of 3,000 tonnes @0.88 % copper, 0.033 oz/t gold and 0.20 0z/t silver- Phoenix Open Pit and 19,000 tonnes @0.45 copper – Granisle Open), Project Engineer and Exploration Manager with Granby Mining Corporation Phoenix Copper Division(Phoenix Open Pit), Granisle Copper Ltd. and Zapata Granby Corporation(Houston, Texas).

4. I have been a geological engineer with British Columbia Hydro and Power Authority Thermal Power Division of Engineers Group, Vancouver, British Columbia from 1977 to 1983.

5. I have practiced my profession for 45 years in Canada, United States, Mexico, Africa and Far East Asia including China and Korea; including a professional service as an evaluation mining/geological engineer for seven years at U.S Agency of International Development per United Nations.

6. Since 1984, I have continued my geological engineering professional works as independent consultant domestically and internationally to the present.

7. I am currently working as Exploration Manager with West High Yield Resources. This assessment report was done without my bias, solely based on the exploration data of the property achieved and compiled to date.

March 16, 2012

H. Kim

PROFESSIONAL
PROVINCE OF
H. KIM
BRITISH COLUMBIA
GEOSCIENTIST

Professional Seal

Statement of Qualifications

I, Cory Peck, B.Sc., GIT, do hereby certify that:

1. I graduated from the University of Calgary with a BSc. In Geology in 2007.
2. I have worked as a geoscientist with West High Yield Resources since May, 2007.
3. I am not aware of any faulty or misleading information contained within this assessment report.
4. I am a registered member-in-training with the *Association of Professional Engineers, Geologists & Geophysicists of Alberta (APEGGA)*.

March 16, 2012

Respectfully submitted,

Cory Peck

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-1

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 185.6 m	DATE STARTED: June 16, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH °	DATE FINISHED: June 19, 2011
na	na	na	SECTION:	COLLAR ELEVATION: 1517.3m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 325S/ 1528W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 5432564N 434374E	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			CASING to 1.5 m					
3.0	20.7	95	**ANDESITE TO DIAGABBRO** Strongly pyritized with possible arsenopyrite	143001 143002 143003 143004 143005 143006 143007 143008 143009	3.0 5.0 7.0 9.0 11.0 13.0 15.0 17.0 19.0	5.0 7.0 9.0 11.0 13.0 15.0 17.0 19.0 20.7	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 1.7	2.57 2.67 2.67 2.67 2.68 2.68 2.76 2.76 2.74
20.7	23.7	100	**SERPENTINITE** **Strongly listwanized** Milky-white with crowded calcite veins, upper contact is sharp and 40º to ca	143010 143011	20.7 22.2	22.2 23.7	1.5 1.5	2.82 2.84
23.7	40.0	100	**ANDESITE TO DIAGABBRO** Light green to green, fresh looking.	143012 143013 143014 143015 143016 143017 143018 143019	23.7 25.7 27.7 29.7 31.7 33.7 35.7 37.7	25.7 27.7 29.7 31.7 33.7 35.7 37.7 40.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.3	2.79 2.79 2.75 2.76 2.78 2.78 2.78 2.78
40.0	41.0	100	**SERPENTINITE** **Strongly listwanized** same as previously Milky-white with crowded calcite veins, upper contact is sharp and 40º to ca	143020 143021	40.0 QTZ	41.0 QTZ	1.0 0	2.90 0
41.0	79.0	100	**ANDESITE TO DIAGABBRO** Light green to green, fresh looking. Gypsum vein 1 cm at 43.4 Mixed serpentinized andesite and serpenine At 58.7 – 59.7	143022 143023 143024 143025	41.0 43.0 45.0 47.0	43.0 45.0 47.0 49.0	2.0 2.0 2.0 2.0	2.78 2.78 2.76 2.78

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				143026	49.0	51.0	2.0	2.76
				143027	51.0	53.0	2.0	2.76
				143028	53.0	55.0	2.0	2.78
				143029	55.0	57.0	2.0	2.77
				143030	57.0	59.0	2.0	2.76
				143031	59.0	61.0	2.0	2.76
				143032	61.0	63.0	2.0	2.78
				143033	63.0	65.0	2.0	2.76
				143034	65.0	67.0	2.0	2.77
				143035	67.0	69.0	2.0	2.77
				143036	69.0	71.0	2.0	2.78
				143037	71.0	73.0	2.0	2.75
				143038	73.0	75.0	2.0	2.78
				143039	75.0	77.0	2.0	2.76
				143040	77.0	79.0	2.0	2.78
				143041	QTZ	QTZ	0	0
				143042	79.0	80.9	1.9	2.76
79.0	84.2	100	**SERPENTINITE,** **Somewhat serpentinized andesite(?)looking** Both contacts are broken but 60º to c.a.	143043 143044	80.9 82.8	82.8 84.2	1.9 1.4	2.80 2.76
84.2	85.6	100	**ANDESITE** Light green, aphanitic, non-magnetic	143045	84.2	85.6	1.4	2.78
85.6	87.8	100	**SPB** Black serpentinite, with magnetite & chromite veinlets 40-50º to c.a.; bottom contact with andesite is somewhat gradational	143046	85.6	87.8	2.2	2.68
87.8	89.8	100	**SERPENTINITE** Weakly contaminated by basaltic andesite	143047	87.8	89.8	2.0	2.76
89.8	95.4	100	**ANDESITE** Light green, aphanitic, non-magnetic, lower contact is serpentinized and 50º to c.a.	143048 143049 143050	89.8 91.8 93.8	91.8 93.8 95.4	2.0 2.0 1.6	2.78 2.76 2.76
95.4	98.3	100	**SPB** Strongly magnetic, intact core.	143051 143052	95.4 96.9	96.9 98.3	1.5 1.4	2.68 2.68
98.3	102.2	100	**ANDESITE** Light green, aphanitic, non-magnetic, lower contact is serpentinized and 50º to c.a.	143053 143054	98.3 100.3	100.3 102.2	2.0 1.9	2.76 2.78
102.2	106.1	100	**SPB** Strongly magnetic, intact core., both contacts are 60º to c.a.	143055 143056	102.2 104.2	104.2 106.1	2.0 1.9	2.69 2.70
106.1	108.5	100	**ANDESITE** Light green, aphanitic, non-magnetic, lower contact is serpentinized and 50º to c.a.	143057	106.1	108.5	2.4	2.77

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
108.5	118.1	100	**SPB** Strongly magnetic, intact core.,pronounced magnetite and chromite veinlets at 30º to ca, bottom 0.8m is soft & serpentinized.	143058	108.5	110.5	2.0	2.65
				143059	110.5	112.5	2.0	2.66
				143060	112.5	114.5	2.0	2.5
				143061	114.5	116.5	2.0	2.68
				143062	QTZ	QTZ	0	0
				143063	116.5	118.1	1.6	2.68
118.1	122.9	100	**MIXED MONZOSYENITE & BASALSTIC ANDESITE** Pronounced monzosyenite intrusive dyke into an andesitic section. Rich in sulphides (mainly pyrite)	143064	118.1	120.1	2.0	2.80
				143065	120.1	122.9	2.8	2.80
122.9	149.4	100	**BASALTIC ANDESITE TO DIAGABBRO** Apanitic to fine grained, sub-euhedral to euhedral phenocrysts set in a greenish grey matrix, strong & intact.	143066	122.9	124.9	2.0	2.75
				143067	124.9	126.9	2.0	2.78
				143068	126.9	128.9	2.0	2.75
				143069	128.9	130.9	2.0	2.76
				143070	130.9	132.9	2.0	2.75
				143071	132.9	134.9	2.0	2.76
				143072	134.9	136.9	2.0	2.75
				143073	136.9	138.9	2.0	2.76
				143074	138.9	140.9	2.0	2.78
				143075	140.9	142.9	2.0	2.75
				143076	142.9	144.9	2.0	2.78
				143077	144.9	146.9	2.0	2.77
				143078	146.9	149.4	2.5	2.76
149.4	153.1	100	**SPB** Dense, black, magnetic both contacts are broken but appear to be 60º to ca	143079	149.4	151.4	2.0	2.68
				143080	151.4	153.1	1.7	2.65
				143081	QTZ	QTZ	0	0
153.1	165.4	100	**BASALTIC ANDESITE TO DIAGABBRO** Apanitic to fine grained, sub-euhedral to euhedral phenocrysts set in a greenish grey matrix, strong & intact.	143082	153.1	155.1	2.0	2.75
				143083	155.1	157.1	2.0	2.72
				143084	157.1	159.1	2.0	2.77
				143085	159.1	161.1	2.0	2.76
				143086	161.1	163.1	2.0	2.75
				143087	163.1	165.4	2.3	2.76
165.4	185.6	100	**SPB** Homogeneously black, dense, intact.	143088	165.4	167.4	2.0	2.65
				143089	167.4	169.4	2.0	2.64
				143090	169.4	171.4	2.0	2.63
				143091	171.4	173.4	2.0	2.65
				143092	173.4	175.4	2.0	2.68
				143093	175.4	177.4	2.0	2.65
				143094	177.4	179.4	2.0	2.64
				143095	179.4	181.4	2.0	2.68
				143096	181.4	183.4	2.0	2.68
				143097	183.4	185.6	2.0	2.67

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH **DDH RRS11-2**

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 244.4 m	DATE STARTED: June 20, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: June 27, 2011
244.4m	-88.4º	273.4	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 425S/ 1425W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432464 E 434477	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			CASING to 3.0 m					
3.0	22.6	95	**BASALTIC ANDESITE TO DIAGABBRO** (HIGHLY SHEARD) Light greenish-grey to dark green, aphanitic to fine grained, moderately mineralized by pyrite dissemination, subhedral to euedral phenocrysts 1-3 mm are prominent throughout section. • **Fragmented throughout**	143098	3.0	5.0	2.0	2.68
				143099	5.0	7.0	2.0	2.69
				143100	7.0	9.0	2.0	2.68
				143101	QTZ	QTZ	0	0
				143102	9.0	11.0	2.0	2.68
				143103	11.0	13.0	2.0	2.67
				143104	13.0	15.0	2.0	2.68
				143105	15.0	17.0	2.0	2.69
				143106	17.0	19.0	2.0	2.68
				143107	19.0	21.0	2.0	2.69
				143108	21.0	22.6	1.6	2.67
22.6	147.6	100	**BASALTIC ANDESITE TO DIAGABBRO** Light greenish-grey to dark green, aphanitic to fine grained, moderately mineralized by pyrite dissemination, subeudedral to phenocrysts 1-3 mm are prominent throughout section. • **Intact and solid throughout**	143109	22.6	24.6	2.0	2.75
				143110	24.6	26.6	2.0	2.75
				143111	26.6	28.6	2.0	2.73
				143112	28.6	30.6	2.0	2.76
				143113	30.6	32.6	2.0	2.75
				143114	32.6	34.6	2.0	2.76
				143115	34.6	36.6	2.0	2.75
				143116	36.6	38.6	2.0	2.76
				143117	38.6	40.6	2.0	2.75
				143118	40.6	42.6	2.0	2.68
				143119	42.6	44.6	2.0	2.68
				143120	44.6	46.6	2.0	2.68
				143121	QTZ	QTZ	0	0
				143122	46.6	48.6	2.0	2.69
				143123	48.6	50.6	2.0	2.67
				143124	50.6	52.6	2.0	2.68
				143125	52.6	54.6	2.0	2.68
				143126	54.6	56.6	2.0	2.68
				143127	56.6	58.6	2.0	2.68
				143128	58.6	60.6	2.0	2.68

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143129	60.6	62.6	2.0	2.68
				143130	62.6	64.6	2.0	2.67
				143131	64.6	66.6	2.0	2.68
				143132	66.6	68.6	2.0	2.67
				143133	68.6	70.6	2.0	2.68
				143134	70.6	72.6	2.0	2.68
				143135	72.6	74.6	2.0	2.68
				143136	74.6	76.6	2.0	2.68
				143137	76.6	78.6	2.0	2.68
				143138	78.6	80.6	2.0	2.68
				143139	80.6	82.6	2.0	2.67
				143140	82.6	84.6	2.0	2.68
				143141	QTZ	QTZ	0	0
				143142	84.6	86.6	2.0	2.68
				143143	86.6	88.6	2.0	2.65
				143144	88.6	90.9	2.0	2.68
				143145	90.9	92.6	2.0	2.67
				143146	92.6	94.6	2.0	2.68
				143147	94.6	96.6	2.0	2.68
				143148	96.6	98.6	2.0	2.67
				143149	98.6	100.6	2.0	2.68
				143150	100.6	102.6	2.0	2.67
				143151	102.6	104.6	2.0	2.68
				143152	104.6	106.6	2.0	2.68
				143153	106.6	108.6	2.0	2.67
				143154	108.6	110.6	2.0	2.68
				143155	110.6	112.6	2.0	2.69
				143156	112.6	114.6	2.0	2.68
				143157	114.6	116.6	2.0	2.68
				143158	116.6	118.6	2.0	2.68
				143159	118.6	120.6	2.0	2.68
				143160	120.6	122.6	2.0	2.67
				143161	QTZ	QTZ	0	0
				143162	122.6	124.6	2.0	2.68
				143163	124.6	126.6	2.0	2.68
				143164	126.6	128.6	2.0	2.67
				143165	128.6	130.6	2.0	2.68
				143166	130.6	132.6	2.0	2.68
				143167	132.6	134.6	2.0	2.67
				143168	134.6	136.6	2.0	2.66
				143169	136.6	138.6	2.0	2.68
				143170	138.6	140.6	2.0	2.68
				143171	140.6	142.6	2.0	2.68
				143172	142.6	144.6	2.0	2.67
				143173	144.6	146.6	2.0	2.68
				143174	146.6	147.6	1.0	2.67

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
147.6	159.0	100	**MONZOSYENITE** Medium to coarse grained, euhedral pyroxene & biotote grains up to 3mm within a light pinkish-white matrixUpper contact is sharp; lower I m section is pulverized soapstone e contact serpentinized and 20º to c.a.	143175	147.6	149.6	2.0	2.68
				143176	149.6	151.6	2.0	2.64
				143177	151.6	153.6	2.0	2.68
				143178	153.6	155.6	2.0	2.68
				143179	155.6	157.6	2.0	2.67
				143180	157.6	159.0	1.4	2.68
				143181	QTZ	QTZ	0	0
159.0	163.7	100	**MIXED BLACK SERPENTINITE & SOAPSTONE**. Black serpentinite contains sporadic calcite veinlets Upper contact is sharp wirh soapstone 50º to ca; ; lower 1 m section is pulverized soapstone	143182	159.0	161.3	2.3	2.56
				143183	161.3	163.7	2.4	2.58
163.7	169.3	100	**FRAGMENTED DIAGABBRO** Lower 1m is serpentinized	143184	163.7	165.7	2.0	2.65
				143185	165.7	167.7	2.0	2.64
				143186	167.7	169.3	1.6	2.65
169.3	226.3	100	**DIAGABBRO** Medium to coarse grained, euhedral feldspar crystals up to 5mm and pyroxene & biotote grains up to 3mm within a light pinkish-white matrix. **MONZOSYENITE (180.0-226.3m)** Coarse grained with euhedral feldspar phenos up to 5mm and crowded with biotite in a light pinkish matrix.	143187	169.3	171.3	2.0	2.68
				143188	171.3	173.3	2.0	2.67
				143189	173.3	175.3	2.0	2.68
				143190	175.3	177.3	2.0	2.68
				143191	177.3	179.3	2.0	2.68
				143192	179.3	181.3	2.0	2.68
				143193	181.3	183.3	2.0	2.68
				143194	183.3	185.3	2.0	2.67
				143195	185.3	187.3	2.0	2.67
				143196	187.3	189.3	2.0	2.68
				143197	189.3	191.3	2.0	2.68
				143198	191.3	193.3	2.0	2.67
				143199	193.3	195.3	2.0	2.68
				143200	195.3	197.3	2.0	2.68
				143201	QTZ	QTZ	0	0
				143202	197.3	199.3	2.0	2.68
				143203	199.3	201.3	2.0	2.67
				143204	201.3	203.3	2.0	2.68
				143205	203.3	205.3	2.0	2.68
				143206	205.3	207.3	2.0	2.67
				143207	207.3	209.3	2.0	2.67
				143208	209.3	211.3	2.0	2.68
				143209	211.3	213.3	2.0	2.68
				143210	213.3	215.3	2.0	2.65
				143211	215.3	217.3	2.0	2.68
				143212	217.3	219.3	2.0	2.67
				143213	219.3	221.3	2.0	2.68
				143214	221.3	223.3	2.0	2.68
				143215	223.3	225.3	2.0	2.67
				143216	225.3	226.3	1.0	2.68

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
226.3	229.2	100	**SPB** Homogeneously black without calcite veinlets, lower contact is broken and appears to be 70º to c.a.	143217 143218	226.3 228.3	228.3 229.2	2.0 0.9	2.65 2.63
229.2	244.4	100	**DIAGABBRO** Coarse grained, euhedral feldspar crystals up to 5mm crowded with biotite & hornblende in a dark green matrix. Overall intact, except for lower section (242.0-244.4m) which is highly fragmented and serpentinized.	143219 143220 143221 143222 143223 143224 143225 143226 143227	229.2 231.2 QTZ 233.2 235.2 237.2 239.2 241.2 243.2	231.2 233.2 QTZ 235.2 237.2 239.2 241.2 243.2 244.4	2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 1.2	2.68 2.67 0 2.66 2.68 2.68 2.67 2.68 2.68

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH — DDH RRS11-3

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 175.9 m	DATE STARTED: June 20, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: June 27, 2011
63.7m	-89.8°	273.4°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
124.7m	-89.6°	346.3°	GRID LOCATION: 175S/ 1625W	RECOVERY:	LOGGED BY: H.K. & C.P.
157.9m	-89.6°	002.6°	UTM (NAD 83): N 5432714 E 434277	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	2.1	0	**CASING to 2.1 m**					
2.1	39.8	100	**SPB** Black, magnetic, homogeneous, contains silvery asbestos specks up to 10%, lower contact is broken and 70° to c.a • Pyritization up to 2% from 19.0-22.1m	143228	2.1	4.1	2.0	2.65
				143229	4.1	6.1	2.0	2.64
				143230	6.1	8.1	2.0	2.65
				143231	8.1	10.1	2.0	2.64
				143232	10.0	12.1	2.0	2.65
				143233	12.1	14.1	2.0	2.79
				143234	14.0	16.1	2.0	2.78
				143235	16.1	18.1	2.0	2.68
				143236	18.1	20.1	2.0	2.62
				143237	20.1	22.1	2.0	2.79
				143238	22.1	24.1	2.0	2.82
				143239	24.1	26.1	2.0	2.83
				143240	26.1	28.1	2.0	2.75
				143241	QTZ	QTZ	0	0
				143242	28.1	30.1	2.0	2.75
				143243	30.1	32.1	2.0	2.74
				143244	32.1	34.1	2.0	2.76
				143245	34.1	36.1	2.0	2.75
				143246	36.1	38.1	2.0	2.76
				143247	38.1	39.8	1.7	2.75
39.8	42.8	100	**SERPENTINIZED ANDESITE** Dark green, fragmented with soapstone-lined fractures. Contains long, thin hbl phenos. 1mm x 4mm. Lower 0.8m is pulverized	143248	39.8	41.3	1.5	2.78
				143249	41.3	42.8	1.5	2.78
42.8	139.1	100	**SPB** Black, magnetic, homogeneous, contains silvery asbestos specks up to 10%, • Section from 106.7-107.5m is void of silvery flakes.	143250	42.8	44.8	2.0	2.65
				143251	44.8	46.8	2.0	2.64
				143252	46.8	48.8	2.0	2.63
				143253	48.8	50.8	2.0	2.65
				143254	50.8	52.8	2.0	2.65
				143255	52.8	54.8	2.0	2.64
				143256	54.8	56.8	2.0	2.63
				143257	56.8	58.8	2.0	2.64

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143258	58.8	60.8	2.0	2.65
				143259	60.8	62.8	2.0	2.64
				143260	62.8	64.8	2	2.64
				143261	QTZ	QTZ	0	0
				143262	64.8	66.8	2.0	2.65
				143263	66.8	68.8	2.0	2.64
				143264	68.8	70.8	2.0	2.63
				143265	70.8	72.8	2.0	2.65
				143266	72.8	74.8	2.0	2.64
				143267	74.8	76.8	2.0	2.63
				143268	76.8	78.8	2.0	2.64
				143269	78.8	80.8	2.0	2.65
				143270	80.8	82.8	2.0	2.65
				143271	82.8	84.8	2.0	2.64
				143272	84.8	86.8	2.0	2.64
				143273	86.8	88.8	2.0	2.65
				143274	88.8	90.8	2.0	2.68
				143275	90.8	92.8	2.0	2.71
				143276	92.8	94.8	2.0	2.69
				143277	94.8	96.8	2.0	2.72
				143278	96.8	98.8	2.0	2.68
				143279	98.8	100.8	2.0	2.70
				143280	100.8	102.8	2.0	2.65
				143281	QTZ	QTZ	0	0
				143282	102.8	104.8	2.0	2.64
				143283	104.8	106.8	2.0	2.64
				143284	106.8	108.8	2.0	2.82
				143285	108.8	110.8	2.0	2.78
				143286	110.8	112.8	2.0	2.65
				143287	112.8	114.8	2.0	2.64
				143288	114.8	116.8	2.0	2.68
				143289	116.8	118.8	2.0	2.65
				143290	118.8	120.8	2.0	2.65
				143291	120.8	122.8	2.0	2.65
				143292	122.8	124.8	2.0	2.68
				143293	124.8	126.8	2.0	2.65
				143294	126.8	128.8	2.0	2.68
				143295	128.8	130.8	2.0	2.67
				143296	130.8	132.8	2.0	2.68
				143297	132.8	134.8	2.0	2.64
				143298	134.8	136.8	2.0	2.65
				143299	136.8	139.1	2.0	2.65
139.1	145.3	100	**SPB** Black, magnetic, fragmented by soapstone-lined, rusty fractures. Lower contact is pulverized	143300	139.1	141.1	2.0	2.80
				143301	QTZ	QTZ	0	0
				143302	141.1	143.1	2.0	2.81
				143303	143.1	145.3	2.2	2.78
145.3	151.5	100	**SPB** Black, magnetic, intact, occasionally fractured with soapstone linings.	143304	145.3	147.3	2.0	2.80
				143305	147.3	149.3	2.0	2.82
				143306	149.3	151.5	2.2	2.83

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
151.5	153.2	100	**SPG** Green, pulverized/fractured.	143307	151.5	153.2	1.7	2.65
153.2	159.6	100	**DIAGABBRO** Medium grained, hard, non-magnetic, hbl & px in a greenish-grey groundmass.	143308 143309 143310	153.2 155.2 157.2	155.2 157.2 159.6	2.0 2.0 2.4	2.64 2.63 2.65
159.6	160.7	100	**SPG** Numerous calcite filled fractures, magnetic, dark-green. Upper & lower contacts are broken.	143311	159.6	160.7	1.1	2.68
160.7	171.5	100	**MONZOSYENITE** Med.-coarse grained with biotite & hbl phenos. Up to 3mm, set within a grey groundmass, hard, non-magnetic.	143312 143313 143314 143315 143316 143317	160.7 162.7 164.7 166.7 168.7 170.7	162.7 164.7 166.7 168.7 170.7 171.5	2.0 2.0 2.0 2.0 2.0 0.8	2.66 2.66 2.66 2.65 2.65 2.65
171.5	175.9	100	**SPN** Fault zone, muddy/pulverized, magnetic, green.	143318 143319	171.5 173.5	173.5 175.9	2.0 2.4	n/a n/a

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH — DDH RRS11- 4

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4 m	DATE STARTED: July 8, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: July 13, 2011
63.1m	-89.8º	270.0º	SECTION:	COLLAR ELEVATION: 1517.3m	ANALYSIS BY: Assayers Canada
152.4m	-89.8º	224.5º	GRID LOCATION: 275S/ 1625W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432614 E 434277	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

ppm		Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	28.9	100	**SPB** Homogeneously black serpentinite, magnetic, magnetite veinlets throughout, solid, intact. Highly fragmented at 15.0 – 16.2 Lower contact is sharp and 30º to ca	143320	0.0	2.0	2.0	2.65
				143321	QTZ	QTZ	0	0
				143322	2.0	4.0	2.0	2.63
				143323	4.0	6.0	2.0	2.65
				143324	6.0	8.0	2.0	2.64
				143325	8.0	10.0	2.0	2.65
				143326	10.0	12.0	2.0	2.63
				143327	12.0	14.0	2.0	2.64
				143328	14.0	16.2	2.2	2.65
				143329	16.2	18.2	2.0	2.65
				143330	18.2	20.2	2.0	2.65
				143331	20.2	22.2	2.0	2.65
				143332	22.2	24.2	2.0	2.65
				143333	24.2	26.2	2.0	2.65
				143334	26.2	28.9	2.0	2.65
28.9	31.6	100	**DIAGABBRO** Fine to medium grained, euhedral to sub-euhedral feldspar phenos 1-3mm set within a dark-green groundmass. Lower contact is sharp and 30º to ca	143335	28.9	31.6	2.7	2.78
31.6	152.4	100	**SPB** Black, magnetic, strong, intact. Same as previous. Lower contact is sharp and 30º to ca. 4cm thick soapstone vein at 79.9, 10º to c.a	143336	31.6	33.6	2.0	2.68
				143337	33.6	35.6	2.0	2.65
				143338	35.6	37.6	2.0	2.64
				143339	37.6	39.6	2.0	2.65
				143340	39.6	41.6	2.0	2.64
				143341	QTZ	QTZ	0	0
				143342	41.6	43.6	2.0	2.64
				143343	43.6	45.6	2.0	2.65
				143344	45.6	47.6	2.0	2.63
				143345	47.6	49.6	2.0	2.65
				143346	49.6	51.6	2.0	2.63
				143347	51.6	53.6	2.0	2.65
				143348	53.6	55.6	2.0	2.64
				143349	55.6	57.6	2.0	2.65
				143350	57.6	59.6	2.0	2.63
				143351	59.6	61.6	2.0	2.65

ppm		Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143352	61.6	63.6	2.0	2.64
				143353	63.6	65.6	2.0	2.65
				143354	65.6	67.6	2.0	2.63
				143355	67.6	69.6	2.0	2.64
				143356	69.6	71.6	2.0	2.65
				143357	71.6	73.6	2.0	2.64
				143358	73.6	75.6	2.0	2.63
				143359	75.6	77.6	2.0	2.64
				143360	77.6	79.6	2.0	2.68
				143361	QTZ	QTZ	0	0
				143362	79.6	81.6	2.0	2.65
				143363	81.6	83.6	2.0	2.65
				143364	83.6	85.6	2.0	2.65
				143365	85.6	87.6	2.0	2.65
				143366	87.6	89.6	2.0	2.64
				143367	89.6	91.6	2.0	2.63
				143368	91.6	93.6	2.0	2.65
				143369	93.6	95.6	2.0	2.64
				143370	95.6	97.6	2.0	2.65
				143371	97.6	99.6	2.0	2.65
				143372	99.6	101.6	2.0	2.65
				143373	101.6	103.6	2.0	2.67
				143374	103.6	105.6	2.0	2.63
				143375	105.6	107.6	2.0	2.63
				143376	107.6	109.6	2.0	2.63
				143377	109.6	111.6	2.0	2.62
				143378	111.6	113.6	2.0	2.62
				143379	113.6	115.6	2.0	2.65
				143380	115.6	117.6	2.0	2.63
				143381	QTZ	QTZ	0	0
				143382	117.6	119.6	2.0	2.63
				143383	119.6	121.6	2.0	2.63
				143384	121.6	123.6	2.0	2.64
				143385	123.6	125.6	2.0	2.64
				143386	125.6	127.6	2.0	2.64
				143387	127.6	129.6	2.0	2.63
				143388	129.6	131.6	2.0	2.63
				143389	131.6	133.6	2.0	2.64
				143390	133.6	135.6	2.0	2.65
				143391	135.6	137.6	2.0	2.65
				143392	137.6	139.6	2.0	2.64
				143393	139.6	141.6	2.0	2.63
				143394	141.6	143.6	2.0	2.64
				143395	143.6	145.6	2.0	2.64
				143396	145.6	147.6	2.0	2.65
				143397	147.6	149.6	2.0	2.63
				143398	149.6	151.6	2.0	2.65
			END OF HOLE	143399	151.6	152.4	0.8	2.64

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH — DDH RRS11- 5

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4 m	DATE STARTED: July 13, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: July 18, 2011
60.4m	-89.5º	329.7º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	-89.0º	322.0º	GRID LOCATION: 375S/ 1625W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432514 E 434277	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	2.1	0	**Casing**					
2.1	58.6	100	**SPB** Homogeneously black serpentinite without talc-calcareous stockworks, magnetic, magnetite veinlets throughout, solid, intact except moderately fragmented at 54.9 – 56.3. • Lower contact is broken & serpentinized into soapstone.	143400	2.1	4.1	2.0	2.65
				143401	QTZ	QTZ	0	0
				143402	4.1	6.1	2.0	2.63
				143403	6.1	8.1	2.0	2.63
				143404	8.1	10.1	2.0	2.63
				143405	10.1	12.1	2.0	2.65
				143406	12.1	14.1	2.0	2.65
				143407	14.1	16.1	2.0	2.65
				143408	16.1	18.1	2.0	2.65
				143409	18.1	20.1	2.0	2.64
				143410	20.1	22.1	2.0	2.65
				134411	22.1	24.1	2.0	2.63
				134412	24.1	26.1	2.0	2.63
				134413	26.1	28.1	2.0	2.65
				134414	28.1	30.1	2.0	2.64
				134415	30.1	32.1	2.0	2.65
				134416	32.1	34.1	2.0	2.65
				134417	34.1	36.1	2.0	2.64
				134418	36.1	38.1	2.0	2.64
				134419	38.1	40.1	2.0	2.65
				134420	40.1	42.1	2.0	2.65
				134421	QTZ	QTZ	0	0
				134422	42.1	44.1	2.0	2.64
				134423	44.1	46.1	2.0	2.64
				134424	46.1	48.1	2.0	2.63
				134425	48.1	50.1	2.0	2.64
				134426	50.1	52.1	2.0	2.65
				134427	52.1	54.1	2.0	2.65
				134428	54.1	56.1	2.0	2.64
				134429	56.1	58.6	2.0	2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
58.6	62.2	100	**BASALTIC ANDESITE TO DIAGABBRO** Fine to medium grained; sub-euhedral feldspar phenos 1-2mm in a dark green matrix. Lower contact is broken but appears to be 50º to c.a.	143430 143431	58.6 60.6	60.6 62.2	2.0 1.6	2.75 2.76
62.2	125.4	100	**SPB** Solid, black, homogeneous, magnetic. Upper 2m is moderately fragmented (62.2-64.2m).	143432 143433 143434 143435 143436 143437 143438 143439 143440 143441 143442 143443 143444 143445 143446 143447 143448 143449 143450 143451 143452 143453 143454 143455 143456 143457 143458 143459 143460 143461 143462 143463 143464 143465	62.2 64.2 66.2 68.2 70.2 72.2 74.2 76.2 78.2 QTZ 80.2 82.2 84.2 86.2 88.2 90.2 92.2 94.2 96.2 98.2 100.2 102.2 104.2 106.2 108.2 110.2 112.2 114.2 116.2 QTZ 118.2 120.2 122.2 124.2	64.2 66.2 68.2 70.2 72.2 74.2 76.2 78.2 80.2 QTZ 82.2 84.2 86.2 88.2 90.2 92.2 94.2 96.2 98.2 100.2 102.2 104.2 106.2 108.2 110.2 112.2 114.2 116.2 118.2 QTZ 120.2 122.2 124.2 125.4	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 1.2	2.65 2.63 2.63 2.64 2.65 2.65 2.64 2.63 2.64 0 2.65 2.65 2.64 2.63 2.65 2.64 2.65 2.63 2.64 2.64 2.63 2.62 2.64 2.63 2.635 2.64 2.65 2.61 2.64 0 2.65 2.63 2.64 2.65
125.4	128.4	100	**SERPENTINE** Soapstone, silky, soft.	143466 143467	125.4 126.9	126.9 128.4	1.5 1.5	2.78 2.78
128.4	129.9	100	**SPB** Black, magnetic, homogeneous.	143468	128.4	130.4	2.0	2.65

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
129.9	136.0	100	**BRECCIATED SERPENTINITE** Dark green serpentinite matrix with sub-angular to sub-rounded brecciasup to 5cm in diameter.	143469 143470 143471	130.4 132.4 134.4	132.4 134.4 136.0	2.0 2.0 1.6	2.65 2.65 2.64
136.0	140.0	100	**BASALTIC ANDESITE TO DIAGABBRO** Same as previous section.	143472 143473	136.0 138.0	138.0 140.0	2.0 2.0	2.78 2.76
140.0	152.4	100	**MIXED SOAPSTONE & SERPENTINITE** Black to dark green serpentinite intervened by silky, soft soapstone at random intervals.	143474 143475 143476 143477 143478 143479	140.0 142.0 144.0 146.0 148.0 150.0	142.0 144.0 146.0 148.0 150.0 152.4	2.0 2.0 2.0 2.0 2.0 2.4	2.64 2.65 2.63 2.65 2.65 2.65

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH — DDH RRS11- 6

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 143.9 m	DATE STARTED: July 18, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: July 22, 2011
63.7m	-89.3º	060.4º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
143.9m	-89.8º	042.4º	GRID LOCATION: 075S/ 1625W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432814 E 434277	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	5.2	0	**Casing**					
n/a	8.4	100	**FAULT ZONE in serpentinite** Highly sheared and shattered SPB.	143480 143481 143482	5.2 QTZ 6.8	6.8 QTZ 8.4	1.6 0 1.6	N/A N/A N/A
8.4	13.5	100	**SERPENTINITE** Black, intact, magnetic, solid, upper 2m contains talcose-calcareous stockworks.	143483 143484 143485	8.4 10.4 12.4	10.4 12.4 13.5	2.0 2.0 1.1	2.78 2.80 2.78
13.5	18.3	100	**SHEARED SPB** Moderately fragmented throughout	143486 143487 143488	13.5 15.5 17.5	15.5 17.5 18.3	2.0 2.0 0.8	2.68 2.68 2.68
18.3	23.1	100	**SERPENTINITE** Homogeneously black, strong, intact, magnetic. Lower contact is sharp, serpentinized and 20º to c.a.	143489 143490	18.3 20.3	20.3 23.1	2.0 2.8	2.68 2.68
23.1	28.2	100	**BASALTIC ANDESITE TO DIAGABBRO** Sub-euhedral phenos 1-2mm in a aphanitic to fine-grained matrix, weakly magnetic.	143491 143492 143493	23.1 25.1 27.1	25.1 27.1 28.2	2.0 2.0 1.1	2.78 2.78 2.77
28.2	31.4	100	**SPB** Solid, intact, upper contact is 70º to ca and serpentinized.	143494 143495	28.2 29.8	29.8 31.4	1.6 1.6	2.63 2.65
31.4	32.1	100	**SPB moderately serpentinized** Fragmented with silky soapstone fractures.	143496	31.4	32.1	0.7	2.65
32.1	33.5	100	**SPB** Solid, black, magnetic, upper contact sharp and 20º, lower is 40º to c.a.	143497	32.1	33.5	1.4	2.65
33.5	35.9	100	**SPB** Fragmented with intervening soapstone throughout.	143498	33.5	35.9	2.4	2.66

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
35.9	69.6	100	**SPB mixed with serpentine on megascopic examination** Macroscopically solid, intact and homogeneously black and strong looking, but megascopically moderately serpentinized into soapstone at random intervals and softness being also experienced in rock saw drill cutting.	143499 143500 143501 143502 143503 143504 143505 143506 143507 143508 143509 143510 143511 143512 143513 143514 143515 143516	35.9 37.9 QTZ 39.9 41.9 43.9 45.9 47.9 49.9 51.9 53.9 55.9 57.9 59.9 61.9 63.9 65.9 67.9	37.9 39.9 QTZ 41.9 43.9 45.9 47.9 49.9 51.9 53.9 55.9 57.9 59.9 61.9 63.9 65.9 67.9 69.6	2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 1.7	2.64 2.63 0 2.65 2.65 2.64 2.65 2.63 2.65 2.65 2.65 2.64 2.65 2.65 2.65 2.65 2.64 2.65
69.6	70.9	100	**SPN** Soft silky soapstone	143517	69.6	70.9	1.3	2.51
70.9	72.3	100	**SPB moderately serpentinized** Solid and intact.	143518	70.9	72.3	1.4	2.53
72.3	78.3	100	**BLACK SERPENTINITE (SPB) serpentinized** Visually homogeneously black, solid and intact but overall weakly serpentinized at random intervals on detail megascopic examination.	143519 143520 143521 143522	72.3 74.3 QTZ 76.3	74.3 76.3 QTZ 78.3	2.0 2.0 0.0 2.0	2.50 2.50 0 2.50
78.3	79.0	90	**SPN** Soft silky soapstone	143523	78.3	79.0	0.7	2.55
79.0	82.4	100	**BLACK SERPENTINITE(SPB) Serpentinized** Visually solid, intact and black serpentinite but overall weakly serpentinized and soft at random intervals on megascopic examination	143524 143525	79.0 80.7	80.7 82.4	1.7 1.7	2.55 2.55
82.4	82.7	80	**FAULT ZONE** Highly sheared soapstone *Note: Driller re-drilled this section for core recovery*	143526	82.4	82.7	0.3	2.51
82.7	87.5	100	**BLACK SERPENTINITE (SPB)** Visually homogeneously black, solid and intact without intervened serpentinized sections	143527 143528 143529	82.7 84.7 86.7	84.7 86.7 87.5	2.0 2.0 0.8	2.55 2.55 2.55

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
87.5	88.8	100	**DARK GREEN SERPENTINITE** Strongly serpentinized into soapstone with asbestos veinlet 3 mm parallel to or 10º to c.a.	143530	87.5	88.8	1.3	2.51
88.8	120.0	100	**BLACK SERPENTINITE (SPB)** Serpentinized same as previous section at 72.3 – 78.3 Visually homogeneously black, solid and intact but overall weakly serpentinized at random intervals on detail megascopic examination.	143531 143532 143533 143534 143535 143536 143537 143538 143539 143540 143541 143542 143543 143544 143545 143546 143547	88.8 90.8 92.8 94.8 96.8 98.8 100.8 102.8 104.8 106.8 QTZ 108.8 110.8 112.8 114.8 116.8 118.8	90.8 92.8 94.8 96.8 98.8 100.8 102.8 104.8 106.8 108.8 QTZ 110.8 112.8 114.8 116.8 118.8 120.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 1.2	2.64 2.64 2.64 2.63 2.64 2.65 2.63 2.62 2.64 2.63 0 2.62 2.65 2.63 2.64 2.65 2.64
120.0	121.8	100	**SPG** Dark green serpentinite with talc-calcareous veinlets.	143548	120.0	121.8	1.2	2.65
121.8	134.5	100	**SPB** Homogeneously black, solid, intact. • 124.7m is a pronounced stockwork of magnetite veinlets.	143549 143550 143551 143552 143553 143554 143555	121.8 123.8 125.8 127.8 129.8 131.8 133.8	123.8 125.8 127.8 129.8 131.8 133.8 134.5	2.0 2.0 2.0 2.0 2.0 2.0 0.7	2.65 2.65 2.63 2.65 2.65 2.63 2.64
134.5	137.4	100	**SHEARED SPB** Highly fragmented.	143556 143557	134.5 136.0	136.0 137.4	1.5 1.4	n/a n/a
137.4	143.9	67	**FAULT ED (Blackish)GREEN SERPENTINITE** Conspicuously noted fault zone with fault gouge and fault breccias in a dark green serpentine with calcareous blebs • **Drilling discontinued in this fault zone due to rod squeeze.**	143558 143559 143560 143561	137.4 139.4 141.4 QTZ	139.4 141.4 143.9 QTZ	2.0 2.0 2.5 0	n/a n/a n/a 0

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH **DDH RRS11-7**

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4 m	DATE STARTED: July 25, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: July 28, 2011
63.4m	-88.9°	331.1°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	-89.3°	299.1°	GRID LOCATION: 075S/ 1525W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432814 E 434377	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	0.6	0	**Casing**					
0.6	5.5	65	**SHEARED SPB** Highly fragmented. Two sheared/ faulted sections noted at 2.5m and at 5.0m.	143562 143563	0.6 2.5	2.5 5.5	1.5 1.4	n/a n/a
5.5	29.5	100	**SPB** Solid, intact, magnetic stockworks with talc-calcareous veinlets throughout 30° to c.a. at random intervals. Weakly listwanized.	143564 143565 143566 143567 143568 143569 143570 143571 143572 143573 143574 143575	5.5 7.5 9.5 11.5 13.5 15.5 17.5 19.5 21.5 23.5 25.5 27.5	7.5 9.5 11.5 13.5 15.5 17.5 19.5 21.5 23.5 25.5 27.5 29.5	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.68 2.68 2.67 2.68 2.67 2.69 2.68 2.64 2.68 2.65 2.68 2.68
29.5	52.2	100	**SPB** Solid, intact, magnetic	143576 143577 143578 143579 143580 143581 143582 143583 143584 143585 143586 143587	29.5 31.5 33.5 35.5 37.5 QTZ 39.5 41.5 43.5 45.5 47.5 49.5	31.5 33.5 35.5 37.5 39.5 QTZ 41.5 43.5 45.5 47.5 49.5 52.2	2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0	2.67 2.65 2.68 2.65 2.64 0 2.65 2.64 2.65 2.63 2.64 2.65

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
52.2	54.6	100	**MIXED SPN & SPG** Fragmented dark green serpentinite and serpentine (soapstone). Lower contact is broken but appears to be 30º to c.a.	143588	52.2	54.6	2.4	2.66
54.6	66.4	100	**BASALTIC ANDESITE TO DIAGABBRO** Light green to dark green, aphanitic to fine grained, contains sub-euhedral feldspar crystals 2-3mm.	143589	54.6	56.6	2.0	2.68
				143590	56.6	58.6	2.0	2.68
				143591	58.6	60.6	2.0	2.68
				143592	60.6	62.6	2.0	2.68
				143593	62.6	64.6	2.0	2.69
				143594	64.6	66.4	1.8	2.67
66.4	67.6	100	**FAULTED SPG & SPN** conspicuous fault gouge.	143595	66.4	67.6	1.2	N/A
67.2	72	100	**SPG** Fragmented.	143596	67.6	69.6	2.0	2.68
				143597	69.6	72.0	1.4	2.67
72	76.7	100	**BASALTIC ANDESITE TO DIAGABBRO** Light green to dark green, aphanitic to fine grained, contains sub-euhedral feldspar crystals 2-3mm.	143598	72.0	74.4	2.4	2.68
				143599	74.4	76.7	2.3	2.68
76.7	78.7	100	**SPA** Dark green serpentinite highly contaminated by intrusive diagabbro wth sporadic silky serpentine fractures	143600	76.7	78.7	2.0	2.65
				143601	QTZ	QTZ	0	0
78.7	152.4	100	**SPB** Solid, intact, magnetic	143602	78.7	80.7	2.0	2.65
				143603	80.7	82.7	2.0	2.64
				143604	82.7	84.7	2.0	2.62
				143605	84.7	86.7	2.0	2.63
				143606	86.7	88.7	2.0	2.64
				143607	88.7	90.7	2.0	2.65
				143608	90.7	92.7	2.0	2.63
				143609	92.7	94.7	2.0	2.65
				143610	94.7	96.7	2.0	2.65
				143611	96.7	98.7	2.0	2.64
				143612	98.7	100.7	2.0	2.63
				143613	100.7	102.7	2.0	2.65
				143614	102.7	104.7	2.0	2.64
				143615	104.7	106.7	2.0	2.63
				143616	106.7	108.7	2.0	2.65
				143617	108.7	110.7	2.0	2.58
				143618	110.7	112.7	2.0	2.64
				143619	112.7	114.7	2.0	2.63
				143620	114.7	116.7	2.0	2.68
				143621	QTZ	QTZ	0	0
				143622	116.7	118.7	2.0	2.65
				143623	118.7	120.7	2.0	2.65
				143624	120.7	122.7	2.0	2.64

DEPTH (m) FROM TO		Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				163625	122.7	124.7	2.0	2.64
				143626	124.7	126.7	2.0	2.63
				143627	126.7	128.7	2.0	2.63
				143628	128.7	130.7	2.0	2.64
				143629	130.7	132.7	2.0	2.63
				143630	132.7	134.7	2.0	2.64
				143631	134.7	136.7	2.0	2.65
				143632	136.7	138.7	2.0	2.63
				143633	138.7	140.7	2.0	2.64
				143634	140.7	142.7	2.0	2.65
				143635	142.7	144.7	2.0	2.65
				143636	144.7	146.7	2.0	2.63
				143637	146.7	148.7	2.0	2.63
				143638	148.7	150.7	2.0	2.64
				143639	150.7	152.4	1.7	2.64

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH **DDH RRS11-8**

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4 m	DATE STARTED: July 28, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 3, 2011
63.4m	-89.2º	50.9º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	-89.5º	89.9º	GRID LOCATION: 025N/ 1525W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432914 E 434377	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
0.0	0.6	0	**Casing**					
0.6	3.5	95	**SPG** Dark green serpentinte. Strongly magnetic, overall strong, intact except for some fragmented pieces at random intervals.	143640 143641 143642	0.6 QTZ 2.1	2.1 QTZ 3.5	1.5 0 1.4	2.78 0 2.76
3.5	102.6	100	**SPB** Homogeneously black, solid, intact, talcose-calcareous veinlets 30-50º to ca at random intervals. Strongly magnetic. ⅄ Broken hemato-limonitized secction from 45.4-45.7m	143643	3.5	5.5	2.0	2.63
				143644	5.5	7.5	2.0	2.62
				143645	7.5	9.5	2.0	2.62
				143646	9.5	11.5	2.0	2.63
				143647	11.5	13.5	2.0	2.64
				143648	13.5	15.5	2.0	2.62
				143649	15.5	17.5	2.0	2.62
				143650	17.5	19.5	2.0	2.63
				143651	19.5	21.5	2.0	2.63
				143652	21.5	23.5	2.0	2.62
				143653	23.5	25.5	2.0	2.64
				143654	25.5	27.5	2.0	2.64
				143655	27.5	29.5	2.0	2.63
				143656	29.5	31.5	2.0	2.62
				143657	31.5	33.5	2.0	2.63
				143658	33.5	35.5	2.0	2.64
				143659	35.5	37.5	2.0	2.62
				143660	37.5	39.5	2.0	2.63
				143661	QTZ	QTZ	0	0
				143662	39.5	41.5	2.0	2.63
				143663	41.5	43.5	2.0	2.62
				143664	43.5	45.5	2.0	2.64
				143665	45.5	47.5	2.0	2.63
				143666	47.5	49.5	2.0	2.63
				143667	49.5	51.5	2.0	2.64
				143668	51.5	53.5	2.0	2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				143669	53.5	55.5	2.0	2.62
				143670	55.5	57.5	2.0	2.64
				143671	57.5	59.5	2.0	2.63
				143672	59.5	61.5	2.0	2.62
				143673	61.5	63.5	2.0	2.63
				143674	63.5	65.5	2.0	2.63
				143675	65.5	67.5	2.0	2.63
				143676	67.5	69.5	2.0	2.63
				143677	69.5	71.5	2.0	2.62
				143678	71.5	73.5	2.0	2.64
				143679	73.5	75.5	2.0	2.62
				143680	75.5	77.5	2.0	2.63
				143681	QTZ	QTZ	0	0
				143682	77.5	79.5	2.0	2.64
				143683	79.5	81.5	2.0	2.64
				143684	81.5	83.5	2.0	2.63
				143685	83.5	85.5	2.0	2.63
				143686	85.5	87.5	2.0	2.64
				143687	87.5	89.5	2.0	2.63
				143688	89.5	91.5	2.0	2.64
				143689	91.5	93.5	2.0	2.62
				143690	93.5	95.5	2.0	2.62
				143691	95.5	97.5	2.0	2.63
				143692	97.5	99.5	2.0	2.63
				143693	99.5	101.5	2.0	2.63
				143694	101.5	102.6	2.0	2.62
102.6	106.4	100	**SERPENTINITE, blackish green** Basically SPB with slight greenish coloration; Fragmented to pulverized	143695 143696	102.6 104.6	106.6 106.4	2.0 1.8	2.65 2.65
106.4	152.4	100	**SPB** Homogeneously black, solid, intact, strongly magnetic	143697	106.4	108.4	2.0	2.63
				143698	108.4	110.4	2.0	2.64
				143699	110.4	112.4	2.0	2.62
				143700	112.4	114.4	2.0	2.62
				143701	QTZ	QTZ	0	0
				143702	114.4	116.4	2.0	2.62
				143703	116.4	118.4	2.0	2.62
				143704	118.4	120.4	2.0	2.64
				143705	120.4	122.4	2.0	2.63
				143706	122.4	124.4	2.0	2.64
				143707	124.4	126.4	2.0	2.63
				143708	126.4	128.4	2.0	2.62
				143709	128.4	130.4	2.0	2.64
				143710	130.4	132.4	2.0	2.63
				143711	132.4	134.4	2.0	2.64
				143712	134.4	136.4	2.0	2.63
				143713	136.4	138.4	2.0	2.64
				143714	138.4	140.4	2.0	2.63

DEPTH (m) FROM TO		Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143715	140.4	142.4	2.0	2.62
				143716	142.4	144.4	2.0	2.64
				143717	144.4	146.4	2.0	2.63
				143718	146.4	148.4	2.0	2.63
				143719	148.4	150.4	2.0	2.62
				143720	150.4	152.4	2.0	2.63
				143721	QTZ	QTZ	0	0

END OF HOLE

2011 DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH — DDH RRS11-9

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 149.3 m	DATE STARTED: August 3, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 6, 2011
69.5m	-89.5º	88.4º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
149.4m	-89.3º	296.1º	GRID LOCATION: 125N/ 1525W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5433014 E 434377	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	0.6	0	**Casing**					
0.6	39	100	**SPB** Black, homogeneous, magnetic, intact, calcite veinlets at random intervals, magnetic.	143722 143723 143724 143724 143725 143726 143727 143728 143729 143730 143731 143732 143734 143735 143736 143737 143738 143739 143740 143741	0.6 2.6 4.6 6.6 8.6 10.6 12.6 14.6 16.6 18.6 20.6 22.6 24.6 26.6 28.6 30.6 32.6 34.6 36.6 QTZ	2.6 4.6 6.6 8.6 10.6 12.6 14.6 16.6 18.6 20.6 22.6 24.6 26.6 28.6 30.6 32.6 34.6 36.6 39.0 QTZ	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.4 0	2.62 2.62 2.61 2.60 2.60 2.60 2.62 2.60 2.62 2.62 2.61 2.61 2.61 2.62 2.60 2.60 2.62 2.61 2.61 0
39	40	100	**FAULT ZONE** Gouges/pulverized SPG.	143742	39	40	1	N/A
40	45.9	100	**SPB** Black, homogeneous, magnetic, intact, calcite veinlets at random intervals, magnetic.	143743 143744 143745	40.0 42.0 44.0	42.0 44.0 45.9	2.0 2.0 1.9	2.62 2.62 2.62
45.9	48.7	100	**SPN & SPG** Dark & light green serpentinite, fragmented with hemo-limonitized fractures.	143746 143747	45.9 47.3	47.3 48.7	1.4 1.4	2.65 2.65

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
48.7	144.8	100	**SPB** Black, homogeneous, magnetic, intact, calcite veinlets at random intervals, magnetic.	143748	48.7	48.7	2.0	2.60
				143749	50.7	50.7	2.0	2.61
				143750	52.7	52.7	2.0	2.62
				143751	54.7	54.7	2.0	2.61
				143752	56.7	56.7	2.0	2.60
				143753	58.7	58.7	2.0	2.61
				143754	60.7	60.7	2.0	2.62
				143755	62.7	62.7	2.0	2.61
				143756	64.7	64.7	2.0	2.61
				143757	66.7	66.7	2.0	2.62
				143758	68.7	68.7	2.0	2.62
				143759	70.7	70.7	2.0	2.61
				143760	72.7	74.7	2.0	2.62
				143761	QTZ	QTZ	0	NA
				143762	74.7	76.7	2.0	2.61
				143763	76.7	78.7	2.0	2.62
				143764	78.7	80.7	2.0	2.61
				143765	80.7	82.7	2.0	2.60
				143766	82.7	84.7	2.0	2.60
				143767	84.7	86.7	2.0	2.62
				143768	86.7	88.7	2.0	2.61
				143769	88.7	90.7	2.0	2.62
				143770	90.7	92.7	2.0	2.61
				143771	92.7	94.7	2.0	2.60
				143772	94.7	96.7	2.0	2.61
				143773	96.7	98.7	2.0	2.61
				143774	98.7	100.7	2.0	2.62
				143775	100.7	102.7	2.0	2.61
				143776	102.7	104.7	2.0	2.61
				143777	104.7	106.7	2.0	2.62
				143778	106.7	108.7	2.0	2.62
				143779	108.7	110.7	2.0	2.62
				143780	110.7	112.7	2.0	2.61
				143781	QTZ	QTZ	0	NA
				143782	112.7	114.7	2.0	2.62
				143783	114.7	116.7	2.0	2.62
				143784	116.7	118.7	2.0	2.60
				143785	118.7	120.7	2.0	2.62
				143786	120.7	122.7	2.0	2.61
				143787	122.7	124.7	2.0	2.62
				143788	124.7	126.7	2.0	2.63
				143789	126.7	128.7	2.0	2.64
				143790	128.7	130.7	2.0	2.63
				143791	130.7	132.7	2.0	2.62
				143792	132.7	134.7	2.0	2.61
				143793	134.7	136.7	2.0	2.62
				143794	136.7	138.7	2.0	2.61

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143795 143796 143797	138.7 140.7 142.7	140.7 142.7 144.8	2.0 2.0 2.1	2.62 2.63 2.62
144.8	149.3	100	**SPG** Fragmented, crowded with calcareous veinlets and talc lined fractures, weakly magnetic.	143798 143799	144.8 146.8	146.8 149.3	2.0 2.5	2.65 2.65

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH **DDH RRS11-10**

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4 m	DATE STARTED: August 8, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 11, 2011
62.8m	-89.2°	47.6°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	-88.9°	71.1°	GRID LOCATION:225 N/ 1525 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5433114 W 434377	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

Note: 143806 ALS 's S.G measurement

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0.0	1.5	0	**Casing**					
1.5	6.3	100	**SPB** Moderately fragmented (sheared, but without fault gauge & breccia).	143800 143801 143802	1.5 QTZ 3.9	3.9 QTZ 6.3	2.4 0 2.4	2.58 0 2.58
6.3	21	100	**SPB** Homogeneously black, solid, intact, magnetic.	143803 143804 143805 143806 143807 143808 143809	6.3 8.3 10.3 12.3 14.3 16.3 18.3	8.3 10.3 12.3 14.3 16.3 18.3 21.0	2.0 2.0 2.0 2.0 2.0 2.0 2.7	2.59 2.58 2.58 2.57 2.58 2.58 2.56
21	21.9	100	**FAULT ZONE** Faulted SPB with gauge & breccia.	143810	21	21.9	0.9	N/A
21.9	37.9	100	**SPB** Homogeneously black, solid, intact, magnetic.	143811 143812 143813 143814 143815 143816 143817 143818	21.9 23.9 25.9 27.9 29.9 31.9 33.9 35.9	23.9 25.9 27.9 29.9 31.9 33.9 35.9 37.9	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.58 2.58 2.56 2.58 2.59 2.56 2.58 2.58
37.9	40.4	100	**SPB** Rusted, moderately fragmented & hemato-limonitized, moderately to strongly magnetic.	143819 143820 143821	37.9 40.4 QTZ	40.4 40.9 QTZ	2.5 0.5 0	2.68 N/A 0
40.4	40.9	100	**FAULT ZONE** Faulted SPB with gauge & breccia.					

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
40.9	49.8	100	**DIAGABBRO** Aphanitic to fine grained, euhedral to sub-euhedral feldspar phenos. In a dark green matrix, weakly to non-magnteic; overall moderately fragmented; both contact are highly broken and smashed	143822 143823 143824 143825 143826	40.9 42.9 44.9 46.9 48.9	42.9 44.9 46.9 48.9 49.8	2 2 2 2 0.9	2.78 2.76 2.78 2.78 2.76
49.8	79.3	100	**SPB** Homogeneously black, solid, intact, magnetic Lower contact highly broken	143827 143828 143829 143830 143831 143832 143833 143834 143835 143836 143837 143838 143839 143840 143841 143842	49.8 51.8 53.8 55.8 57.8 59.8 61.8 63.8 65.8 67.8 69.8 71.8 73.8 75.8 QTZ 77.8	51.8 53.8 55.8 57.8 59.8 61.8 63.8 65.8 67.8 69.8 71.8 73.8 75.8 77.8 QTZ 79.3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 0 1.5	2.63 2.64 2.64 2.64 2.65 2.63 2.63 2.64 2.64 2.64 2.64 2.63 2.64 2.64 0 2.63
79.3	88.0	100	**FAULTED AND RUSTED S\ SERPENTINITE** Highly fragmented with reddish brown coloration with fault gouge and breccias; overall moderate to strongly magnetic; serpeninized into soapstone at random intervals; Lower contact is highly fragmented	143843 143844 143845 143846	79.3 81.3 83.3 85.3	81.3 83.3 85.3 88.0	2 2 2 2.7	2.65 2.65 2.64 2.64
88.0	96.0	100	**DIAGABBRO** Fine to medium grained; megascopically euhedral feldspar(apparently plagioclase) phenocrysts up to 2- 3 mm in a dark green colored groundmass Overall solid, intact, strong except the lower contact is highly fragmented	143847 143848 154849 143850	88.0 90.0 92.0 94.0	90.0 92.0 94.0 96.0	2 2 2 2	2.76 2.76 2.76 2.76
96.0	141.0	100	**SPB** Homogeneously black, solid, intact, magnetic.	143851 143852 143853 143854 143855 143856 143857 143858 143859 143860 143861 143862	96.0 98.0 100.0 102.0 104.0 106.0 108.0 110.0 112.0 114.0 QTZ 116.0	98.0 100.0 102.0 104.0 106.0 108.0 110.0 112.0 114.0 116.0 QTZ 118.0	2 2 2 2 2 2 2 2 2 2 0 2	2.63 2.65 2.64 2.63 2.64 2.63 2.64 2.63 2.64 2.64 0 2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				143863	118.0	120.0	2	2.63
				143864	120.0	122.0	2	2.64
				143865	122.0	124.0	2	2.63
				143866	124.0	126.0	2	2.63
				143867	126.0	128.0	2	2.63
				143868	128.0	130.0	2	2.64
				143869	130.0	132.0	2	2.63
				143870	132.0	134.0	2	2.63
				143871	134.0	136.0	2	2.64
				143772	136.0	138.0	2	2.63
				143873	138.0	139.5	1.5	2.64
				143874	139.5	141.0	1.5	2.64
141.0	142.2	100	**DIAGABBRO** Euhedral feldspar up to 2 mm and hornblend and mica phenocrysts in a fined grained matrix on megascopic inspection; Upper contact shows sharp intrusive contact 60° to c.a.(ref. to core photos); Lower contact is highly broken in soapstone	143875	141.0	142.2	1.2	2.76
142.2	152.4	100	**SPB** Homogeneously black, solid and intact same as previously.	143876	142.2	144.2	2	2.64
				143877	144,2	146.2	2	2.63
				143878	146.2	148.2	2	2.64
				143879	148.2	150.2	2	2.63
				143880	150.2	152.4	2.2	2.65
				143881	QTZ	QTZ	0	0

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH **DDH RRS11-11**

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 87.5 m	DATE STARTED: August 13, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90˚	HOLE AZIMUTH 000˚	DATE FINISHED: August 16, 2011
78.3m	-89.6	126.2º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION:225 N/ 1525 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5433114 E 434477	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (meters) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	4.0	0	**Casing**					
4.0	10.3	100	**MONZOSYENITE** Coarse –grained; pronounced euhedral feldspar up to 5 mm and biotite in a light pinkish grey groundmass; somewhat fragmented; Lower contact is highly broken	143882 143883 143884	4.0 6.0 8.0	6.0 8.0 10.3	2 2 2.3	2.68 2.68 2.67
10.3	13.6	100	**SPG** Dark green to green serpentinitie without listwanization; moderate to strongly magnetic	143885 143886	10.3 12.0	12.0 13.6	1.7 1.6	2.65 2.65
13.6	19.7	100	**MONZOSYENITE** Same as previously Strong, solid and intact.	143887 143888 143889	13.6 15.6 17.6	15.6 17.6 19.7	2 2 2.1	2.68 2.68 2.68
19.7	21.5	100	**SPG** Same as previously Both contact are highly broken.	143890	19.7	21.5	1.8	2.65
21.5	38.5	100	**MONZOSYENITE** Same as previously Strong, solid and intact.	143891 143892 143893 143894 143895 143896 143897 143898 143899	21.5 23.5 25.5 27.5 29.5 31.5 33.5 35.5 37.7	23.5 25.5 27.5 29.5 31.5 33.5 35.5 37.7 38.5	2 2 2 2 2 2 2 2 1.5	2.68 2.68 2.67 2.68 2.67 2.68 2.67 2.68 2.68
38.5	43.2	100	**SPB** Black serpentinite	143900 143901 143902	38.5 40.5 QTZ	40.5 43.2 QTZ	2 2.7 0	2.65 2.64 0
43.2	87.5	100	**MONZOSYENITE** Same as previously, solid intact and strong *****Not Sampled*****					

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-12

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 128.4 m	DATE STARTED: August 16, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 19, 2011
65.5m	-89.2º	65.8º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
138.8m	-89.5º	52.6º	GRID LOCATION:125 N/ 1600 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5433014 E 434302	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	0	0	**Casing**					
0	13.7	100	**SPB** Overall solid, intact except fragmented at 2.1 – 2.9; Lower 0.5 m section is highly fragmented	143903 143904 143905 143906 143907 143908 143909	0 2.0 4.0 6.0 8.0 10.0 12.0	2.0 4.0 6.0 8.0 10.0 12.0 13.7	2 2 2 2 2 2 1.7	2.65 2.64 2.64 2.63 2.65 2.65 2.65
13.7	14.4	100	**BASALTIVC ANDESITE** Aphanitic ato fine grained; megasccopically subhedral pheldspar phenos discerned; greenish black coloration; weakly magnetic; both contacts arehigly fragmented	143910	13.7	14.4	0.7	2.68
14.4	16.0	100	**SPB** Homogeneously black without listwanization	143911	14.4	16.0	1.6	2.64
16.0	17.7	100	**DGB** Megascopically euhedral feldspar phenos up to 2 mm in a fine grained graying green matrix	143912	16.0	17.7	1.7	2.68
17.7	33.8	100	**SPB** Homogeneously black without listwanization Except the lower 0.3 m section is high fragmented with soapstone	143913 143914 143915 143916 143917 143918 143919 143920 143921	17.7 19.7 21.7 23.7 25.7 27.7 29.7 31.7 QTZ	19.7 21.7 23.7 25.7 27.7 29.7 31.7 33.8 QTZ	2 2 2 2 2 2 2 2.1 0	2.65 2.65 2.63 2.64 2.64 2.65 2.65 2.65 0
33.8	38.1	100	**SPB,** Rusted Somewhat also fragmented ; lower contact is highly fragmented	143922 143923 143924	33.8 35.1 37.1	35.1 37.1 38.1	1.3 2.0 1.0	2.65 2.64 2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
38.1	41.1	75	**MONZOSYENITE** Decomposed and highly fragmented monzosyenite	143925	38.1	41.1	3.3	2.65
41.4	46.9	90	**MONZOSYENITE** Moderately fragmented and rusted; bottom contact is highly fragmented	143926 143927 143928	41.1 43.4 45.4	43.4 45.4 46.9	2.3 2 1.5	2.68 2.67 2.67
46.9	49.9	100	**SPL** Serpentinite, moderately rusted and carbonatized with talcose calcaresou veinlets;	143929 143930	46.9 48.4	48.4 49.9	1.5 1.5	2.68 2.69
49.9	51.6	100	**SPB** Homogeneously black without listwanization Bottom contact highly fragmented	143931	49.9	51.6	1.7	2.64
51.6	53.2	100	**SPB,** Rusted Bottom contact highly fragmented with fault gouge	143932	51.6	53.2	1.6	2.63
53.2	54.5	70	**FAULT ZONE** Highly rusted and fragmented; upper contact sharp with fault gouge 70 °to c.a.; bottom contact highly decomposed soapstone	143933	53.2	54.5	1.3	N/A
54.5	83.4	100	**SPB** Homogeneously black without listwanization Solid, intact; lower contact is sharp intrusive contact 70 °to c.a; cakcute vein 0.5 cm 20°to c.a. at 76.3 – 76.9	143934 143935 143936 143937 143938 143939 143940 134941 143942 143943 143944 143945 143946 143947 143948	54.5 56.5 58.5 60.5 62.5 64.5 66.5 QTZ 68.5 70.5 72.5 74.5 76.5 78.5 80.5	56.5 58.5 60.5 62.5 64.5 66.5 68.5 QTZ 70.5 72.5 74.5 76.5 78.5 80.5 83.4	2 2 2 2 2 2 2 0 2 2 2 2 2 2 2.9	2.63 2.63 2.64 2.64 2.64 2.64 2.64 0 2.64 2.65 2.65 2.65 2.63 2.64 2.65
83.4	84.4	100	**MONZOSYENITE** Lower contact is highly broken in soapstone	143949	83.4	84.4	1.0	2.68
84.4	86.2	100	**SPG mineralized** Dark green serpentinite ; moderately magnetic and somewhat fragmented; overall strongly mineralized by pyrite veinlets with possib le pyrrhotiite and chalcopyrite(?) ;lower contact sharp20°to c.a.	143950	84.4	86.2	1.8	2.72
86.2	89.9	100	**MONZOSYENITE** Lower 1 m section is highly fragmented; bottom contact is highly broken	143951 143952	86.2 88.2	88.2 89.9	2.0 1.7	2.68 2.67

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
89.9	106.9	100	**SPB** Homogeneously black, solid and intact except moderately fragmented at 93.1 – 93.4	143953 143954 143955 143956 143957 143958 143959 143960 143961 143962	89.9 91.9 93.9 95.9 97.9 99.9 101.9 103.9 QTZ 105.9	91.9 93.9 95.9 97.9 99.9 101.9 103.9 105.9 QTZ 106.9	2 2 2 2 2 2 2 2 0 1.0	2.64 2.63 2.64 2.65 2.64 2.64 2.64 2.64 0 2.65
106.9	108.8	100	**SPL** Serpentinite, moderately fragmented carbonatized with talcose calcaresou veinlets and soapstone	143963	106.9	108.8	1.9	2.65
108.8	128.4	100	**SPB** Homogeneously black, solid and intact Lower contact with monzosyenite is highly fragmented	143964 143965 143966 143967 143968 143969 143970 143971 132972 143973	108.8 110.8 112.8 114.8 116.8 118.8 120.8 122.8 124.8 126.8	110.8 112.8 114.8 116.8 118.8 120.8 122.8 124.8 126.8 128.4	2 2 2 2 2 2 2 2 2 1.6	2.65 2.65 2.65 2.65 2.63 2.63 2.63 2.64 2.64 2.65
128.4	138.7	100	**MONZOSYENITE** Solid, intact; ; euhedraq feldspar phenos up to 5 mm and biotite in a light grey to light pinkish grey coarse grained groundmass • **Not sampled for this section** **End of Hole**					
			QAQC duplicate check **Insert #1** **Insert #2**	**143974** **143975**	19.7 101.9	21.7 103.9	2 2	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-13

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 151.8 m	DATE STARTED: August 22 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 24, 2011
72.5m	-89.8º	167.1º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 025N / 1600W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432914 E 434302	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 2.4 m					
2.4	5.5	100	**SPL** SERPENTINITE , solid intact but carbonatized with talcose calcite stockwork	143976 143977	2.4 3.9	3.9 5.5	1.5 1.6	2.70 2.70
5.5	30.8	100	**SPB** Homogeneously black, solid intact except talcose vein 0.5 cm at 279.9 – 28.4	143978 143979 143980 143981 143982 143983 143984 143985 **143986** 143987 143988 143989 143890 143991	5.5 7.5 9.5 QTZ 11.5 13.5 15.5 17.5 **19.5** 21.5 23.5 25.5 27.9 29.4	7.5 9.5 11.5 QTZ 13.5 15.5 17.5 19.5 **21.5** 23.5 25.5 27.9 29.4 30.8	2 2 2 0 2 2 2 2 2 2 2 2 1.5 1.4	2.78 2.78 2.78 NA 2.70 2.70 2.70 2.70 2.78 2.78 2.78 2.59 2.59 2.59
30.8	31.9	100	**SPN** Sheared and faulted with soapstone; both contact are totally fragmented	143992	30.8	31.9	1.1	2.50

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
31.9	32.7	100	**ANDESITE** Aphanitic; light greenish grey, non- to weakly magnetic; both contacts are totally fragmented	143993	31.9	32.7	0.8	2.68
32.7	44.3	100	**MONZOSYENITE** Pronounced euhedral feldspar phenos ujp to 6 mm and biotite in light pink grey coarse grained groundmass; overall solid and intact but both contacts are highly fagmented	143994 143995 143996 143997 143998 143999	32.7 34.7 36.7 38.7 40.7 42.7	34.7 36.7 38.7 40.7 42.7 44.3	2 2 2 2 2 1.6	2.71 2.71 2.71 2.72 2.72 2.72
44,3	45.1	100	**SPG** Dark Green Serpentinite, rusted and highly fragmented ; both contacts are highly fragmented	144000	44.3	45.1	0.8	NA
45.1	48.6	100	**SPB** Weakly listwanized, solid and intact; lower contact is highly fragmented	144001 144002 144003	45.1 QTZ 47.1	47.1 QTZ 48.6	2.0 0 1.5	 NA
48.6	50.6	100	**ANDESITE** Overall moderately fragmented and weakly serpentinized with soapstone; lower contact is broken but assuming to be 60° to c. a	143004	48.6	50.6	2	2.68
50.6	74.8	100	**SPB** Homogeneously black, solid and intact	143005 143006 143007 143008 143009 143010 143011 143012 143013 143014 143015 143016	50.6 52.6 54.6 56.6 58.6 60.6 62.6 64.6 66.6 68.6 70.6 72.6	52.6 54.6 56.6 58.6 60.6 62.6 64.6 66.6 68.6 70.6 72.6 74.8	2 2 2 2 2 2 2 2 2 2 2 2.2	2.61 2.61 2.61 2.61 2.63 2.63 2.63 2.63 2.55 2.55 2.55 2.93
74.8	76.7	100	**SPB** Highly fragmented, decomposed and rusted	143017	74.8	76.7	1.9	2.71
76.7	80.9	100	**SPB** Weakly rusted, but solid and intact except the lower 0.6 m section is decomposed into	144018 144019	76.7 78.8	78.8 80.9	2.1 2.1	2.71 2.71

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	P (g/cm^3)
			soapstone					
80.9	104.5	100	**MONZOSYENITE** Coarse grained, solid intact same as previously; the upper contact is sharp intrusive contact 60° to c. a; the bottom is also sharp intrusive contact 60° to c. a	144020 144021 144022 143023 143024 144025 144026 144027 144028 144029 144030 144031 144032	80.9 QTZ 82.9 84.9 86.9 88.9 90.9 92.9 94.9 96.9 98.9 100.9 102.9	82.9 QTZ 84.9 86.9 88.9 90.9 92.9 94.9 96.9 98.9 100.9 102.9 104.5	2 0 2 2 2 2 2 2 2 2 2 2 1.6	2.75 NA 2.78 2.78 2.78 2.78 2.78 2.78 2.78 2.78 2.78 2.78 2.78
104.5	115.1	100	**SPB** Homogeneously black, solid and intact; the bottom is sharp intrusive contact 50° to c. a	144033 144034 144035 144036 144037	104.5 106.5 108.5 110.5 112.5	106.5 108.5 110.5 112.5 115.1	2 2 2 2 2.6	2.64 2.64 2.64 2.57 2.57
115.1	124.3	100	**DIAGABBRO** Strong, solid and intact; megascopically euhedral feldspar up to 2mm, biotite and hornblende phenocrysts in a dark green medium to coarse grained groundmass; the upper contact is sharp 50° to c. a; the bottom is sharp intrusive contact 40° to c. a	144038 144039 144040 144041 144042 144043	115.1 117.1 119.1 QTZ 121.1 123.1	117.1 119.1 121.1 QTZ 123.1 124.3	2 2 2 0 2 1.2	2.72 2.7 2.72 NA 2.72 2.72
124.3	131.0	100	**SPB** Homogeneously black, solid and intact but the bottom contact with monzosyenite is highly broken assuming to be 30° to c. a	144044 144045 144046	124.3 126.3 128.3	126.3 128.3 131.0	2 2 2.7	2.71 2.71 2.71
131.0	141.3	100	**MONZOSYENITE** Coarse grained, solid intact same as previously; the bottom contact is fragmented with moderate serpentinization	144047 144048 144049 144050 144051	131.0 133.0 135.0 137.0 139.0	133.0 135.0 137.0 139.0 141.3	2 2 2 2 2.3	2.77 2.77 2.77 2.78 2.78

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
141.3	151.8	100	**SPB** Homogeneously black, solid and intact; the upper contact is highly fragmented • **Note:: Dip test could not be done due to caving and rod squeezing at the end of hole** **End of Hole**	144052 144053 144054 144055 144056	141.3 143.3 145.3 147.3 149.3	143.3 145.3 147.3 149.3 151.8	2 2 2 2 2.5	2.94 2.94 2.94 2.93 2.70
			QAQC duplicate check Insert #1 Insert #2	144057 144058	19.5 62.6	21.5 64.6	2 2	

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-14

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: August 24th, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: August 29th, 2011
78.6m	-89.8.°	167.1°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	-89.2.°	210.5°	GRID LOCATION: 75 S/ 1425 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432814 W 434477	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	13.7	100	**Casing to 2.4 m**					
2.4	4.8	100	**SPB** **Weakly r**usted and somewhat fragmented;	144059 144060	*2.4* *3.6*	*3.6* *4.8*	*1.2* *1.2*	*2.64* *2.64*
4.8	95.4	100	**SPB** Homogeneously black, solid, intact	144061 144062 144063 144064 144065 144066 144067 144068 144069 144070 144071 144072 144073 144074 144075 144076 144077 144078 144079	*4.8* *QTZ* *6.8* *8.8* *10.8* *12.8* *14.8* *16.8* *18.8* *20.8* *22.8* *24.8* *26.8* *28.8* *30.8* *32.8* *34.8* *36.8* *38.8*	*6.8* *QTZ* *8.8* *10.8* *12.8* *14.8* *16.8* *18.8* *20.8* *22.8* *24.8* *26.8* *28.8* *30.8* *32.8* *34.8* *36.8* *38.8* *40.8*	*2* *0* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2* *2*	*2.68* *0* *2.68* *2.64* *2.65* *2.65* *2.63* *2.64* *2.64* *2.64* *2.63* *2.64* *2.62* *2.63* *2.64* *2.65* *2.63* *2.65* *2.65*

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				144080	*40.8*	*42.8*	*2*	*2.64*
				144081	*QTZ*	*QTZ*	*0*	*0*
				144082	*42.8*	*44.8*	*2*	*2.64*
				144083	*44.8*	*46.8*	*2*	*2.63*
				144084	*46.8*	*48.8*	*2*	*2.64*
				144085	*48.8*	*50.8*	*2*	*2.63*
				144086	*50.8*	*52.8*	*2*	*2.63*
				144087	*52.8*	*54.8*	*2*	*2.62*
				144088	*54.8*	*56.8*	*2*	*2.62*
				144089	*56.8*	*58.8*	*2*	*2.63*
				144090	*58.8*	*60.8*	*2*	*2.63*
				144091	*60.8*	*62.8*	*2*	*2.64*
				144092	*62.8*	*64.8*	*2*	*2.64*
				144093	*64.8*	*66.8*	*2*	*2.63*
				144094	*66.8*	*68.8*	*2*	*2.64*
				144095	*68.8*	*70.8*	*2*	*2.64*
				144096	*70.8*	*72.8*	*2*	*2.63*
				144097	*72.8*	*74.8*	*2*	*2.64*
				144098	*74.8*	*76.8*	*2*	*2.63*
				144099	*76.8*	*78.8*	*2*	*2.62*
				144100	*78.8*	*80.8*	*2*	*2.64*
				144101	*QTZ*	*QTZ*	*0*	*0*
				144102	*80.8*	*82.8*	*2*	*2.64*
				144103	*82.8*	*84.8*	*2*	*2.63*
				144104	*84.8*	*86.8*	*2*	*2.63*
				144105	*86.8*	*88.8*	*2*	*2.64*
				144106	*88.8*	*90.8*	*2*	*2.64*
				144107	*90.8*	*92.8*	*2*	*2.64*
				144108	*92.8*	*95.4*	*2.6*	*2.63*
95.4	97	100	**SPB** Weakly rusted and moderately fragmented.	144109	95.4	97	1.6	2.63
97	99.3	100	**SPB** Homogeneously black, solid, intact	144110	97	99.3	2.3	2.64

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
99.3	100.3	100	**SPG** Fragmented, the bottom 0.3m is serpentinzed andesite, highly fragmented.	144111	99.3	100.3	1	2.6
100.3	152.4	100	**SPB** Homogeneously black, solid, intact	144112	100.3	102.3	2.0	2.63
				144113	102.3	104.3	2.0	2.63
				144114	104.3	106.3	2.0	2.64
				144115	106.3	108.3	2.0	2.64
				144116	108.3	110.3	2.0	2.63
				144117	110.3	112.3	2.0	2.64
				144118	112.3	114.3	2.0	2.63
				144119	114.3	116.3	2.0	2.64
				144120	**QTZ**	**QTZ**	0	0
				144121	116.3	118.3	2.0	2.64
				144122	118.3	120.3	2.0	2.63
				144123	120.3	122.3	2.0	2.64
				144124	122.3	124.3	2.0	2.63
				144125	124.3	126.3	2.0	2.64
				144126	126.3	128.3	2.0	2.63
				144127	128.3	130.3	2.0	2.64
				144128	130.3	132.3	2.0	2.63
				144129	132.3	134.3	2.0	2.63
				144130	134.3	136.3	2.0	2.64
				144131	136.3	138.3	2.0	2.63
				144132	138.3	140.3	2.0	2.64
				144133	140.3	142.3	2.0	2.63
				144134	142.3	144.3	2.0	2.64
				144135	144.3	146.3	2.0	2.63
				144136	146.3	148.3	2.0	2.64
				144137	148.3	150.3	2.0	2.63
				144138	150.3	152.4	2.0	2.64
			QAQC Insert #1	144139	56.8	58.8	2.0	
			QAQC Insert # 2	144140	110.3	112.3	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-15

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: m	DATE STARTED: August 29, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 1, 2011
66.4m	- 89.7º	240.5º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	- 89.8 º	254.8º	GRID LOCATION: 025N/ 1425 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 1.5 m					
1.5	47.6	100	**SPB** Homogeneously black , solid and intact except moderately weathered (limono-hematized) and fragmented at 1.5 – 2.6	144141	1.5	3.5	2.0	2.64
				144142	QTZ	QTZ	0	0
				144143	3.5	5.5	2.0	2.64
				144144	5.5	7.5	2.0	2.64
				`44145	7.5	9.5	2.0	2.64
				144146	9.5	11.5	2.0	2.65
				144147	11.5	13.5	2.0	2.65
				144148	13.5	15.5	2.0	2.65
				144149	15.5	17.5	2.0	2.64
				144150	17.5	19.5	2.0	2.63
				144151	19.5	21.5	2.0	2.64
				144152	21.5	23.5	2.0	2.64
				144153	23.5	25.5	2.0	2.65
				144154	25.5	**27.5**	2.0	2.63
				144155	27.5	29.5	2.0	2.64
				144156	29.5	31.5	2.0	2.65
				144157	31.5	33..5	2.0	2.64
				144158	33.5	35.5	2.0	2.65
				144159	35.5	37.5	2.0	2.64
				144160	37.5	39.5	2.0	2.64
				144161	QTZ	QTZ	0	0
				144162	39.5	41.5	2.0	2.65
				144163	41.5	43.5	2.0	2.63
				144164	43.5	45.5	2.0	2.62

				144165	45.5.	47.6	2.02.6 2	
47.6	50.8	100	**MONZOSYENITE** Upper contact is sharp intrusive occurrence, 60° to c.a.; the bottom contact is highly fragmented with fault gouge	144166 144167	47.6 49.2	49.2 50.8	1.5 1.6	2.68 2.68
50.8	54.7	70	**MONZOSYENITE** Highly sheared and faulted	144168 144169	50.8 52.8	52.8 54.7	2.8 1.9	N/A N/A
54.7	56.0	60	**FAULT ZONE** Conspicuous fault gouge and fault breccias	144170	54.7	56.0	1.3	N/A
56.0	152.4	100	**SPB** Solid and intact Talc vein 3 cm 20° to c.a at: 70.5 - 70.7 78.4 - 78.6 91.7 - 91.9 98.3 - 98.8	144171 144172 144173 144174 144175 144176 144177 144178 144179 144180 144181 144182 144183 144184 144185 144186 144187 144188 144189 144190 144191 144192 144193 144194 144195 144196 144197 144198 144199 144200	56.0 58.0 60.0 62.0 64.0 66.0 68.0 70.0 72.0 74.0 QTZ 76.0 78.0 80.0 82.0 84.0 86.0 88.0 90.0 92.0 94.0 96.0 98.0 100.0 102.0 104.0 106.0 108.0 110.0 112.0	58.0 60.0 62.0 64.0 66.0 68.0 70.0 72.0 74.0 76.0 QTZ 78.0 80.0 82.0 84.0 86.0 88.0 90.0 92.0 94.0 96.0 98.0 100.0 102.0 104.0 106.0 108.0 110.0 112. 114.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.63 2.64 2.63 2.62 2.62 2.62 2.62 2.62 2.62 2.62 0 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62 2.62

				144201	QTZ	QTZ	0	0
				144202	114.0	116.0	2.0	2.62
				144203	116.0	118.0	2.0	2.62
				144204	118.0	120.0	2.0	2.62
				144205	120.0	122.0	2.0	2.62
				144206	122.0	124.0	2.0	2.62
				144207	124.0	126.0	2.0	2.62
				144208	126.0	128.0	2.0	2.62
				144209	128.0	130.0	2.0	2.62
				144210	130.0	132.0	2.0	2.62
				144211	132.0	134.0	2.0	2.62
				144212	134.0	136.0	2.0	2.62
				144213	136.0	138.0	2.0	2.62
				144214	138.0	140.0	2.0	2.62
				144215	140.0	142.0	2.0	2.62
				144216	142.0	144.0	2.0	2.62
				\144217	144.0	146.0	2.0	2.62
				144218	146.0	148.0	2.0	2.62
				144219	148.0	150.0	2.0	2.62
				144220	150.0	152.4	2.0	2.62
				144221	QTZ	QTZ	0	NA
			Insert# #1	144222	25.5	27.5	2.0	
			Insert# #2	144223	120.0	122.0	2.0	
			END OF HOLE					

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-16

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: m	DATE STARTED: Sept. 1, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 6, 2011
75.6m	- 88.3º	269.6º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	error	error	GRID LOCATION: 225N/ 1425 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 2.1 m					
2.1	7.5	100	**SPB** Solid, intact	144224 144225 144226	2.1 4.1 6.1	4.1 6.1 7.5	2.0 2.0 1.4	
7.5	10.3	100	**MIXED BASALTIC ANDESITE AND SERPENTINIZED SPB** Highly fragmented; both contacts are highly broken	144227 144228	7.5 8.9	8.9 10.3	1.4 1.4	
10.3	152.4		**SPB** Solid, intact	144229 144230 144231 144232 144233 144234 144235 144236 144237 144238 144239 144240 144241 144242 144243 144244 144245 144246	10.3 12.3 14.3 16.3 18.3 20.3 22.3 24.3 26.3 28.3 30.3 32.3 QTZ 34.3 36.3 38.3 40.3 42,3	12.3 14.3 16.3 18.3 20.3 22.3 24.3 26.3 28.3 30.3 32.3 34.3 QTZ 36.3 38.3 40.3 42,3 44.3	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0	

				144247	44.3	46.3	2.0	
				144248	46.3	48.3	2.0	
				144249	48.3	50.3	2.0	
				144250	50.3	52.3	2.0	
				144251	52.3	54.3	2.0	
				133252	54.3	56.3	2.0	
				144253	56.3	58.3	2.0	
				144254	58.3	60.3	2.0	
				144255	60.3	62.3	2.0	
				144256	62.3	64.3	2.0	
				144257	64.3	66.3	2.0	
				144258	66.3	68.3	2.0	
				144259	68.3	70.3	2.0	
				144260	70.3	72.3	2.0	
				144261	QTZ	QTZ	0	
				144262	72.3	74.3	2.0	
				144263	74.3	76.3	2.0	
				144264	76.3	78.3	2.0	
				144265	78.3	80.3	2.0	
				144266	80.3	82.3	2.0	
				144267	82.3	84.3	2.0	
				144268	84.3	86.3	2.0	
				144269	86.3	88.3	2.0	
				144270	88.3	90.3	2.0	
				144271	90.3	92.3	2.0	
				144272	92.3	94.3	2.0	
				144273	94.3	96.3	2.0	
				144274	96.3	98.3	2.0	
				144275	98.3	100.3	2.0	
				144276	100.3	102.3	2.0	
				144277	102.3	104.3	2.0	
				144278	104.3	106.3	2.0	
				144279	106.3	108.3	2.0	
				144280	108.3	110.3	2.0	
				144281	QTZ	QTZ	0	
				144282	110.3	112.3	2.0	
				133283	112.3	114.3	2.0	
				144284	114.3	116.3	2.0	
				144285	116.3	118.3	2.0	
				144286	118.3	120.3	2.0	

				144287	120.3	122.3	2.0	
				144288	122.3	124.3	2.0	
				144289	124.3	126.3	2.0	
				144290	126.3	128.3	2.0	
				144291	128.3	130.3	2.0	
				144292	130.3	132.3	2.0	
				144293	132.3	134.3	2.0	
				144294	134.3	136.3	2.0	
				144295	136.3	138.3	2.0	
				144296	138.3	140.3	2.0	
				144297	140.3	142.3	2.0	
				144298	142.3	144.3	2.0	
				144299	144.3	146.3	2.0	
				144300	146.3	148.3	2.0	
				122301	QTZ	QTZ	0	
				144302	148.3	150.3	2.0	
				144303	150.3	152.4	2.0	
			Duplicate check Insert #1	144304	26.3	28.3	2.0	
			Duplicate check Insert # 2	144305	112.3	114.3	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-17

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: Sept. 1, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 9, 2011
63.4m	- 89.2 º	272.2º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	- 88.6º	289.4º	GRID LOCATION: 225N/ 1425 W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 543314 N 434477 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 2.4 m					
2.4	**5.5**	90	**SPB** Fragmented and weathered; somewhat weakly sheared and limono-hematized	144306 144307	2.4 3.9	3.9 5.5	1.5 1.6	2.68 2.68
5.5	43.9	100	**SPB** Solid, intact; overall homogeneously black with minor talcose calcareous veinlets at sporadic random intervals	143308 144309 144310 144311 144312 144313 144314 144315 144316 144317 144318 144319 144320 144321 144322 144323 144324 144325 144326	5.5 7.5 9.5 11.5 13.5 15.5 17.5 19.5 21.5 23.5 25.5 27.5 29.5 QTZ 31.5 33.5 35.5 37.5 39.5	7.5 9.5 11.5 13.5 15.5 17.5 19.5 21.5 23.5 25.5 27.5 29.5 31.5 QTZ 33.5 35.5 37.5 39.5 41.5	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0	2.65 2.62 2.63 2.63 2.62 2.62 2.62 2.63 2.62 2.63 2.63 2.62 2.63 0 2.63 2.63 2.65 2.65 2.65

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144327	41.5	43.9	2.4	2.63
43.9	45.7	100	**SPB (Fragmented)**	144328	43.9	45.7	1.8	2.65
45.7	55.2	100	**SPB** Solid, intact; overall homogeneously black with minor talcose calcareous veinlets at sporadic random intervals	144329	45.7	47.7	2.0	2.65
				144330	47.7	49.7	2.0	2.63
				144331	49.7	51.7	2.0	2.63
				144332	51.7	53.7	2.0	2.63
				144333	53.7	55.2	1.5	2.64
55.2	67	100	**MIXED DIAGABBRO & MONZOSYENITE** • 55.2-62.3m dominated by DGB • 62.3-67.0m Monzosyenite • Upper Contact sharp intrusive 30º to c.a both contacts are broken.	144334	55.2	57.2	2.0	2.68
				144335	57.2	59.2	2.0	2.68
				144336	59.2	61.2	2.0	2.68
				144337	61.2	63.2	2.0	2.67
				144338	63.2	65.2	2.0	2.68
				144339	65.2	67.0	1.8	2.68
67	152.4	100	**SPB** Solid, intact; overall homogeneously black with minor talcose calcareous veinlets at sporadic random intervals	144340	67.0	69.0	2.0	2.63
				144341	QTZ	QTZ	0	0
				144342	69.0	71.0	2.0	2.65
				144343	71.0	73.0	2.0	2.65
				144344	73.0	75.0	2.0	2.65
				144345	75.0	77.0	2.0	2.63
				144346	77.0	79.0	2.0	2.65
				144347	79.0	81.0	2.0	2.64
				144348	81.0	83.0	2.0	2.63
				144349	83.0	85.0	2.0	2.62
				144350	85.0	87.0	2.0	2.63
				144351	87.0	89.0	2.0	2.64
				144352	89.0	91.0	2.0	2.63
				144353	91.0	93.0	2.0	2.64
				144354	93.0	95.0	2.0	2.64
				144355	95.0	97.0	2.0	2.63
				144356	97.0	99.0	2.0	2.63
				144357	99.0	101.0	2.0	2.64
				144358	101.0	103.0	2.0	2.65
				144359	103.0	105.0	2.0	2.63
				144360	105.0	107.0	2.0	2.64
				144361	QTZ	QTZ	0	NA
				144362	107.0	109.0	2.0	2.64

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144363	109.0	111.0	2.0	2.65
				144364	111.0	113.0	2.0	2.65
				144365	113.0	115.0	2.0	2.65
				144366	115.0	117.0	2.0	2.63
				144367	117.0	119.0	2.0	2.63
				144368	119.0	121.0	2.0	2.64
				144369	121.0	123.0	2.0	2.64
				144370	123.0	125.0	2.0	2.65
				144371	125.0	127.0	2.0	2.63
				144372	127.0	129.0	2.0	2.63
				144373	129.0	131.0	2.0	2.65
				144374	131.0	133.0	2.0	2.64
				144375	133.0	135.0	2.0	2.63
				144376	135.0	137.0	2.0	2.64
				144377	137.0	139.0	2.0	2.63
				144378	139.0	141.0	2.0	2.65
				144379	141.0	143.0	2.0	2.63
				144380	143.0	145.0	2.0	2.65
				144381	QTZ	QTZ	0	0
				144382	145.0	147.0	2.0	2.63
				144383	147.0	149.0	2.0	2.62
				144384	149.0	151.0	2.0	2.63
				144385	151.0	152.4	1.4	2.65
			Duplicate check Insert #1	144386	79.0	81.0	2.0	
			Duplicate check Insert # 2	144387	123.0	125.0	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-18

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 146.3m	DATE STARTED: Sept. 9, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 13, 2011
69.5m	- 89.2 º	349.3º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
150	-89.2º	343.5º	GRID LOCATION: 375S/ 1700W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 543314 N 434477 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
0	0.6		**Casing to 0.6m**					
0.6	28.2	100	**SBP** Homogeneously black, solid, intact, strongly magnetic.	144388	0.6	2.6	2.0	2.62
				144389	2.6	4.6	2.0	2.62
				144390	4.6	6.6	2.0	2.62
				144391	6.6	8.6	2.0	2.63
				144392	8.6	10.6	2.0	2.62
				144393	10.6	12.6	2.0	.62
				144394	12.6	14.6	2.0	2.62
				144395	14.6	16.6	2.0	2.63
				144396	16.6	18.6	2.0	2.62
				144397	18.6	20.6	20	2.63
				144398	20.6	22.6	2.0	2.63
				144399	22.6	24.6	2.0	2.62
				144400	24.6	26.6	2.0	2.62
				144401	QTZ	QTZ	0	0
				144402	26.6	28.2	1.6	2.63
28.2	30.1	100	**DIAGABBRO** Fragmented, weakly magnetic, both contacts are 80º to c.a.	144403	28.2	30.1	1.9	2.68
30.1	82.8	100	**SBP** Homogeneously black, solid, intact, strongly magnetic.	144404	30.1	32.1	2.0	2.63
				144405	32.1	34.1	2.0	2.63
				144406	34.1	36.1	2.0	2.62
				144407	36.1	38.1	2.0	2.62
				144408	38.1	40.1	2.0	2.62

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				144409	40.1	42.1	2.0	2.62
				144410	42.1	44.1	2.0	2.63
				144411	44.1	46.1	2.0	2.62
				144412	46.1	48.1	2.0	2.62
				144413	48.1	50.1	2.0	2.63
				144414	50.1	52.1	2.0	2.62
				144415	52.1	54.1	2.0	2.63
				144416	54.1	56.1	2.0	2.62
				144417	56.1	58.1	2.0	2.62
				144418	58.1	60.1	2.0	2.62
				144419	60.1	62.1	2.0	2.62
				144420	62.1	64.1	2.0	2.63
				144421	QTZ	QTZ	0	0
				144422	64.1	66.1	2.0	2.63
				144423	66.1	68.1	2.0	2.63
				144424	68.1	70.1	2.0	2.62
				144425	70.1	72.1	2.0	2.63
				144426	72.1	74.1	2.0	2.62
				144427	74.1	76.1	2.0	2.63
				144428	76.1	78.1	2.0	2.63
				144429	78.1	80.1	2.0	2.62
				144430	80.1	82.8	2.7	2.62
82.8	86.3	100	**SPB** Fragmented and weathered; somewhat weakly sheared and limono-hematized	144431 144432	82.8 84.8	84.8 86.3	2 1.5	2.62 2.63
86.3	89.6	100	**SBP** Homogeneously black, solid, intact, strongly magnetic. Lower contact is 50º to c.a.	144433 144434	86.3 88.3	88.3 89.6	2.0 1.3	2.63 2.63
89.6	106.8	100	**MONZOSYENITE** Coarse –grained; pronounced euhedral feldspar up to 5 mm and biotite in a light pinkish grey groundmass; somewhat fragmented; Lower contact is highly broken	144435	89.6	91.6	2.0	2.78
				144436	91.6	93.6	2.0	2.76
				144437	93.6	95.6	2.0	2.77
				144438	95.6	97.6	2.0	2.78
				144439	97.6	99.6	2.0	2.78
				144440	99.6	101.6	2.0	2.76
				144441	QTZ	QTZ	0	0
				144442	101.6	103.6	2.0	2.78
				144443	103.6	105.6	2.0	2.76
				144444	105.6	106.8	1.2	2.78

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
106.8	116.9	100	**SERPENTINIZED ANDESITE** Dark green, fragmented, moderately magnetic, rusted, talcy.	144445 144446 144447 144448 144449	106.8 108.8 110.8 112.8 114.8	108.8 110.8 112.8 114.8 116.9	2.0 2.0 2.0 2.0 2.1	2.80 2.80 2.80 2.81 2.81
116.9	127.5	100	**SBP** Homogeneously black, solid, intact, strongly magnetic. Lower contact intrusive in nature.	144450 144451 144452 144453 144454	116.9 118.9 120.9 122.9 124.9	118.9 120.9 122.9 124.9 127.5	2.0 2.0 2.0 2.0 2.6	2.87 2.87 2.86 2.86 2.87
127.5	150.1	100	**MONZOSYENITE** Coarse –grained; pronounced euhedral feldspar up to 5 mm and biotite in a light pinkish grey groundmass; somewhat fragmented. Not sampled.					
			Duplicate check Insert #1 **Duplicate check Insert # 2**	144455 144456	44.1 120.9	46.1 122.9		

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-19

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: September 13, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 16, 2011
75.4m	- 89.7 º	333.3º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 275S/ 1700W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 543314 N 434477 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	4	0	**Casing to 0.6m**					
4	6.3	100	**SPB** Weathered, moderately hemotized with weak limonitization.	144457	4	6.3	2.3	2.58
6.3	10	100	**SPB** Highly fragmented with silky, lustrous, serpentinized fractures.	144458 144459	6.3 8.3	8.3 10.0	2.0 1.7	N/A N/A
10	10.8	100	**SPB** Weathered, moderately hemotized with weak limonitization. Somewhat fragmented.	144460 144461	10 QTZ	10.8 QTZ	0.8 0	2.56 0
10.8	13	100	**MSY** Decomposed to sandy soil.	144462	10.8	13	2.2	N/A
13	14.9	100	**SPB** Moderately fragmented, bottom contact is highly fragmented with fault gouge.	144463	13	14.9	1.9	2.59
14.9	22.9	100	**MSY** Euhedral feldspar phenocrysts up to 10mm in a pinkish-grey, medium to coarse grained groundmass.	144464 144465 144466 144467	14.9 16.9 18.9 20.9	16.9 18.9 20.9 22.9	2.0 2.0 2.0 2.0	2.68 2.67 2.68 2.67
22.9	34.5	100	**BASALTIC ANDESITE TO DIAGABBRO** Megascopically sub-euhedral to euhedral feldspar up to 3mm in a light greenish matrix. Weakly to non-magnetic, upper contact is sharply intrusive and 70º to	144468 144469 144470 144471	22.9 24.9 26.9 28.9	24.9 26.9 28.9 30.9	2.0 2.0 2.0 2.0	2.68 2.68 2.68 2.67

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			c.a., bottom contact is highly broken with fault gouge.	144472 144473	30.9 32.9	32.9 34.5	2.0 1.6	2.68 2.68
34.5	74.3	100	**SPB** Homogeneously black, solid, intact, magnetic.	144474 144475 144476 144477 144478 144479 144480 144481 144482 144483 144484 144485 144486 144487 144488 144489 144490 144491 144492 144493 144494	34.5 36.5 38.5 40.5 42.5 44.5 46.5 QTZ 48.5 50.5 52.5 54.5 56.5 58.5 60.5 62.5 64.5 66.5 68.5 70.5 72.5	36.5 38.5 40.5 42.5 44.5 46.5 48.5 QTZ 50.5 52.5 54.5 56.5 58.5 60.5 62.5 64.5 66.5 68.5 70.5 72.5 74.3	2.0 2.0 2.0 2.0 2.0 2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 1.8	2.63 2.62 2.63 2.62 2.63 2.62 2.62 0 2.62 2.62 2.63 2.62 2.64 2.62 2.64 2.63 2.62 2.63 2.62 2.62 2.63
74.3	78.6	100	**DGB** Fine to medium grained, lower 0.7m of section is serpentinized with silky fractures. Upper contact is broken.	144495 144496	74.3 76.3	76.3 78.6	2.0 2.3	2.68 2.68
78.6	80.7	100	**SPB** Both contacts are sharp & 40º to c.a.	144497	78.6	80.7	2.1	2.63
80.7	99	100	**MSY (not sampled)** Euhedral feldspar phenocrysts up to 10mm in a pinkish-grey, medium to coarse grained groundmass. Some variation found at the following location: - 80.7-83.2m mixed MSY, DGB & serpentine with silky fractures.					
99	100.8	100	**SHEARED SERPENTINITE** Strongly serpentinized with soapstone. Both contacts are	144498	99	100.8	1.8	N/A

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			sharp and 60º to c.a.					
100.8	152.4	100	**SPB**	144499	100.8	102.8	2.0	2.62
			Homogeneously black, solid, intact, magnetic.	144500	102.8	104.8	2.0	2.63
				144501	QTZ	QTZ	0	0
				144502	104.8	106.8	2.0	2.64
				144503	106.8	108.8	2.0	2.72
				144504	108.8	110.8	2.0	2.73
				144505	110.8	112.8	2.0	2.72
				144506	112.8	114.8	2.0	2.73
				144507	114.8	116.8	2.0	2.73
				144508	116.8	118.8	2.0	2.72
				144509	118.8	120.8	2.0	2.71
				144510	120.8	122.8	2.0	2.73
				144511	122.8	124.8	2.0	2.73
				144512	124.8	126.8	2.0	2.72
				144513	126.8	128.8	2.0	2.73
				144514	128.8	130.8	2.0	2.72
				144515	130.8	132.8	2.0	2.73
				144516	132.8	134.8	2.0	2.73
				144517	134.8	136.8	2.0	2.72
				144518	136.8	138.8	2.0	2.72
				144519	138.8	140.8	2.0	2.73
				144520	QTZ	QTZ	0	0
				144521	140.8	142.8	2.0	2.73
				144522	142.8	144.8	2.0	2.73
				144523	144.8	146.8	2.0	2.73
				144524	146.8	148.8	2.0	2.73
				144525	148.8	150.8	2.0	2.73
				144526	150.8	152.4	1.6	2.73
			Duplicate check Insert #1	144527	38.5	40.5	2.0	
			Duplicate check Insert # 2	144528	68.5	70.5	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-20

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: September 22, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 24, 2011
75.4m	- 89.1°	149.4°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4	- 89.8°	159.2°	GRID LOCATION: 075S/ 1725W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 543314 N 434477 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	0.6	80	**Casing to 0.9m**					
0	28.5	100	**SPB** Homogeneously black, intact, solid, magnetic.	144612	0.0	2.0	2.0	2.65
				144613	2.0	4.0	2.0	2.63
				144614	4.0	6.0	2.0	2.63
				144615	6.0	8.0	2.0	2.64
				144616	8.0	10.0	2.0	2.63
				144617	10.0	12.0	2.0	2.62
				144618	12.0	14.0	2.0	2.63
				144619	14.0	16.0	2.0	2.64
				144620	16.0	18.0	2.0	2.64
				144621	QTZ	QTZ	0	0
				144622	18.0	20.0	2.0	2.63
				144623	20.0	22.0	2.0	2.62
				144624	22.0	24.0	2.0	2.63
				144625	24.0	26.0	2.0	2.63
				144626	26.0	28.5	2.0	2.63
28.5	29.9	100	**AND** Basaltic andesite, aphanitic, euhedral to sub-euhedral phenos & horneblend in a light green, weak to non-magnetic matrix. Upper contact is sharp & 60° to c.a. And lower contact is 40° to c.a.	144627	28.5	29.9	1.4	2.78
29.9	57.4	100	**SPB** Homogeneously black, intact, solid, magnetic.	144628	29.9	31.9	2.0	2.62
				144629	31.9	33.9	2.0	2.62
			⅄ 33.9-48.2m is more crowded with talcose-	144630	33.9	35.9	2.0	2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			calcareous blebs up o 30%.	144631	35.9	37.9	2.0	2.62
				144632	37.9	39.9	2.0	2.64
				144633	39.9	41.9	2.0	2.63
				144634	41.9	43.9	2.0	2.64
				144635	43.9	45.9	2.0	2.63
				144636	45.9	47.9	2.0	2.64
				144637	47.9	49.9	2.0	2.63
				144638	49.9	51.9	2.0	2.64
				144639	51.9	53.9	2.0	2.63
				144640	53.9	55.9	2.0	2.64
				144641	QTZ	QTZ	0	0
				144642	55.9	57.4	2.0	2.63
57.4	60.6	100	**SPL** Highly carbonated calcite veins up to 3 cm & 30º to c.a., crowded calcareous stockworks with sporadic talcose blebs.	144643	57.4	59.0	1.6	2.57
				144644	59.0	60.6	1.6	2.54
60.6	101.8	100	**SPB** Homogeneously black, intact, solid, magnetic.	144645	60.6	62.6	2.0	2.63
				144646	62.6	64.6	2.0	2.64
				144647	64.6	66.6	2.0	2.63
				144648	66.6	68.6	2.0	2.64
				144649	68.6	70.6	2.0	2.63
				144650	70.6	72.6	2.0	
				144651	72.6	74.6	2.0	
				144652	74.6	76.6	2.0	
				144653	76.6	78.6	2.0	
				144654	78.6	80.6	2.0	
				144655	80.6	82.6	2.0	
				144656	82.6	84.6	2.0	
				144657	84.6	86.6	2.0	
				144658	86.6	88.6	2.0	
				144659	88.6	90.6	2.0	
				144660	90.6	92.6	2.0	
				144661	QTZ	QTZ	0	
				144662	92.6	94.6	2.0	
				144663	94.6	96.6	2.0	
				144664	96.6	98.6	2.0	
				144665	98.6	100.6	2.0	

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144666	100.6	101.8	2.0	
101.8	103.1	100	**SPB** Sheard with fault gouge; rusted and muddy	144667	101.8	103.1		
103.1	152.4	100	**SPB** Homogeneously black same as previously The bottom 2 m section (150.0 – 152.4 m) is crowded with talcose veinlets E**.OH**	144668	103.1	105.1	2.0	
				144669	105.1	107.1	2.0	
				144670	107.1	109.1	2.0	
				144671	109.1	111.1	2.0	
				144672	111.1	113.1	2.0	
				144673	113.1	115.1	2.0	
				144674	115.1	117.1	2.0	
				144675	117.1	119.1	2.0	
				144676	119.1	121.1	2.0	
				144677	121.1	123.1	2.0	
				144678	123.1	125.1	2.0	
				144679	125.1	127.1	2.0	
				144680	127.1	129.1	2.0	
				144681	QTZ	QTZ	0	
				144682	129.1	131.1	2.0	
				144683	131.1	133.1	2.0	
				144684	133.1	135.1	2.0	
				144685	135.1	137,1	2.0	
				144686	137,1	139.1	2.0	
				144687	139.1	141.1	2.0	
				144688	141.1	143.1	2.0	
				144689	143.1	145.1	2.0	
				144690	145.1	147.1	2.0	
				144691	147.1	149.1	2.0	
				144692	149.1	151.1	2.0	
				144693	151.1	152.4	1.2	
			Duplicate check Insert #1	144694	24.0	26.0	2.0	
			Duplicate check Insert # 2	144695	123.1	125.1	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-21

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: September 17, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 21, 2011
75.4m	- 89.7 º	333.3º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 075S/ 1725W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 543314 N 434477 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
0	0.6	80	**Casing to 0.6m**					
0.6	3.6	98	**SPB** Weathered, moderately hemotized with weak limonitization. Moderately to strongly magnetic	144529 144530	0.0 1.8	1.8 3.6	1.8 1.8	2.75 2.75
3.6	17.9	100	**SPB** Homogeneously black, solid, intact, strongly magnetic.	144531 144532 144533 144534 144535 144536 144537	3.6 5.6 7.6 9.6 11.6 13.6 15.6	5.6 7.6 9.6 11.6 13.6 15.6 17.9	2.0 2.0 2.0 2.0 2.0 2.0 2.3	2.76 2.75 2.76 2.75 2.76 2.75 2.75
17.9	20.2	100	**SPB Sheared** Highly fragmented, mixed with decomposed soapstone.	144538	17.9	20.2	2.3	2.75
20.2	38.3	100	**BASALTIC ANDESITE TO DIAGABBRO** Moderately to strongly silicified in sections at random intervals. - 32.9-34.5 strongly limono-hematized & fragmented. - Upper contact is broken, lower contact is sharp and 60º to c.a.	144539 144540 144541 144542 144543 144544 144545 144546 144547 144548	20.2 22.2 QTZ 24.2 26.2 28.2 30.2 32.2 34.2 36.2	22.2 24.2 QTZ 26.2 28.2 30.2 32.2 34.2 36.2 38.3	2.0 2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.1	2.68 2.67 0 2.68 2.67 2.65 2.68 2.68 2.68 2.68

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
38.3	45.2	100	**SPB** Weakly listwanized with talcose calcareous veinlets 40º to c.a., plus talcose calcareous stockworks, strongly magnetic.	144549 144550 144551	38.3 40.3 42.3	40.3 42.3 45.2	2.0 2.0 2.9	2.62 2.63 2.63
45.2	57.7	100	**SPB** Homogeneously black, solid, intact, strongly magnetic.	144552 144553 144554 144555 144556 144557	45.2 47.2 49.2 51.2 53.2 55.2	47.2 49.2 51.2 53.2 55.2 57.7	2.0 2.0 2.0 2.0 2.0 2.5	2.63 2.62 2.63 2.62 2.63 2.63
57.7	61.4	100	**DIAGABBRO** Mixed with intervened contaminated serpentinite, both contacts are highly fragmented.	144558 144559	57.7 59.7	59.7 61.4	2.0 1.7	2.76 2.74
61.4	90.5	100	**SPB** Homogeneously black, solid, intact, strongly magnetic.	144560 144561 144562 144563 144564 144565 144566 144567 144568 144569 144570 144571 144572 144573 144574 144575	61.4 QTZ 63.4 65.4 67.4 69.4 71.4 73.4 75.4 77.4 79.4 81.4 83.4 85.4 87.4 89.4	63.4 QTZ 65.4 67.4 69.4 71.4 73.4 75.4 77.4 79.4 81.4 83.4 85.4 87.4 89.4 90.5	2.0 0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 1.1	2.62 0 2.63 2.63 2.63 2.63 2.62 2.62 2.63 2.62 2.63 2.62 2.63 2.62 2.63 2.62
90.5	92.6	100	**MIXED SERPENINITE & SERPENTINIZED ANDESITE** Upper contact is intrusive & gradational, but trends at 50º to c.a., lower contact is broken.	144576	90.5	92.6	2.1	2.76
92.6	119.9	100	**SPB** Homogeneously black, solid, intact, strongly magnetic.	144577 144578 144579 144580	92.6 94.6 96.6 98.6	94.6 96.6 98.6 100.6	2.0 2.0 2.0 2.0	2.63 2.63 2.62 2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144581	QTZ	QTZ	0	0
				144582	100.6	102.6	2.0	2.63
				144583	102.6	104.6	2.0	2.63
				144584	104.6	106.6	2.0	2.63
				144585	106.6	108.6	2.0	2.62
				144586	108.6	110.6	2.0	2.62
				144587	110.6	112.6	2.0	2.62
				144588	112.6	114.6	2.0	2.63
				144589	114.6	116.6	2.0	2.62
				144590	116.6	118.6	2.0	2.62
				144591	118.6	119.9	1.3	2.63
119.9	121.3	100	**MONZOSYENITE** Moderately fragmented, upper contact is intrusive and 50º to c.a, lower contact is broken, ⅄ severely decomposed from 121.0-121.2	144592	119.9	121.3	1.4	2.47
121.3		100	**SPB** Homogeneously black, solid, intact, strongly magnetic.	144593	121.3	123.3	2.0	2.63
				144594	123.3	125.3	2.0	2.63
				144595	125.3	127.3	2.0	2.62
				144596	127.3	129.3	2.0	2.63
				144597	129.3	131.3	2.0	2.63
				144598	131.3	133.3	2.0	2.62
				144599	133.3	135.3	2.0	2.63
				144600	135.3	137.3	2.0	2.63
				144601	QTZ	QTZ	0	0
				144602	137.3	139.3	2.0	2.62
				144603	139.3	141.3	2.0	2.63
				144604	141.3	143.3	2.0	2.63
				144605	143.3	145.3	2.0	2.63
				144606	145.3	147.3	2.0	2.62
				144607	147.3	149.3	2.0	2.64
				144608	149.3	151.3	2.0	2.62
				144609	151.3	152.4	1.1	2.62
			Duplicate check Insert #1	144610	7.6	9.6	2.0	
			Duplicate check Insert # 2	144611	85.4	87.4	2.0	

END OF HOLE

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-22

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: September 26, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: September 29, 2011
75.4m	- 89.7 º	333.3º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	- 88.7 º	274.6º	GRID LOCATION: 025N/ 1725W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 5432914 N 43177 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 0.9m					
0	70.4	100	**SPB**	144696	0.0	2.0	2.0	2.63
			Homogeneously black, solid, intact except the	144697	2.0	4.0	2.0	2.63
			following minor variations:	144698	4.0	6.0	2.0	2.62
			0 – 1.8 : Brown, rusted and weathered	144699	6.0	8.0	2.0	2.62
			9.5 – 10.5: Highly fragmented	144700	8.0	10.0	2.0	2.64
			32.7 – 33.9 : Calcite vein 2 Cm, parallel to c.a.	144701	QTZ	QTZ	0	0
				144702	10.0	12.0	2.0	2.63
				144703	12.0	14.0	2.0	2.63
				144704	14.0	16.0	2.0	2.64
				144705	16.0	18.0	2.0	2.64
				144706	18.0	20.0	2.0	2.63
				144707	20.0	22.0	2.0	2.64
				144708	22.0	24.0	2.0	2.65
				144709	24.0	26.0	2.0	2.63
				144710	26.0	28.0	2.0	2.64
				144711	28.0	30.0	2.0	2.63
				144712	30.0	32.0	2.0	2.64
				144713	32.0	34.0	2.0	2.63
				144714	34.0	36.0	2.0	2.64
				144715	36.0	38.0	2.0	2.63
				144716	38.0	40.0	2.0	2.64
				144717	40.0	42.0	2.0	2.63
				144718	42.0	44.0	2.0	2.64

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144719	44.0	46.0	2.0	2.64
				144720	46.0	48.0	2.0	2.63
				144721	QTZ	QTZ	0	0
				144722	48.0	50.0	2.0	2.63
				144723	50.0	52.0	2.0	2.64
				144724	52.0	54.0	2.0	2.65
				144725	54.0	56.0	2.0	2.63
				144726	56.0	58.0	2.0	2.63
				144727	58.0	60.0	2.0	2.62
				144728	60.0	62.0	2.0	2.62
				144729	62.0	64.0	2.0	2.62
				144730	64.0	66.0	2.0	2.64
				144731	66.0	68.0	2.0	2.62
				144732	68.0	70.4	2.4	2.63
70.4	75.4	100	**MSY** Monzosyenite; moderately fragmented; both contacts are highly broken; Pyrite dissemination with sporadic pyrrhotite up to 3% on megascopic inspection	144733 144734 144735	70.4 72.4 74.4	72.4 74.4 75.4	2.0 2.0 1.0	2.68 2.68 2.67
75.4	82.1	100	**AND/DGB** Basaltic andesite tgo diagabbro; Aphanitic to fine grained ; pyrite with sporadic pyrrhotite dissemination up to 2 % on megascopic inspection	144736 144737 144738	75.4 77.4 79.4	77.4 79.4 82.1	2.0 2.0 2.7	2.76 2.74 2.75
82.1	83.9	100	**SPA** Serpentinized andesite; weak to moderate serpentinized basaltic andesite; highly fragmented	144739	82.1	83.9	1.8	2.62
83.9			**SPB** Homogeneously black, solid and intact except highly fragmented at 128.7 – 129.2; both contacts are highly fragmeneed**;**	144740	83.9	85.9	2.0	2.65
				144741	QTZ	QTZ	0	0
				144742	85.9	87.9	2.0	2.63
				144743	87.9	89.9	2.0	2.62
				144744	89.9	91.9	2.0	2.63
				144745	91.9	93.9	2.0	2.64
				144746	93.9	95.9	2.0	2.62
				144747	95.9	97.9	2.0	2.65
				144748	97.9	99.9	2.0	2.63
				144749	99.9	101.9	2.0	2.62
				144750	101.9	103.9	2.0	2.63

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	P (g/cm^3)
				144751	103.9	105.9	2.0	2.64
				144752	105.9	107.9	2.0	2.63
				144753	107.9	109.9	2.0	2.64
				144754	109.9	111.9	2.0	2.63
				144755	111.9	113.9	2.0	2.62
				144756	113.9	115.9	2.0	2.62
				144757	115.9	117.9	2.0	2.62
				144758	117.9	119.9	2.0	2.63
				144759	119.9	121.9	2.0	2.63
				144760	121.9	123.9	2.0	2.63
				144761	QTZ	QTZ	0	0
				144762	123.9	125.9	2.0	2.62
				144763	125.9	127.9	2.0	2.64
				144764	127.9	128.7	0.8	2.64
128.7	131.7	100	**SPB**	144765	128.7	130.2	1.5	2.63
			Homogeneously black, Fragmented	144766	130.2	131.7	1.5	2.63
131.7	152.4	100	**SPB**	144767	131.7	133.7	2.0	2.62
			Homogeneously black, solid	144768	133.7	135.7	2.0	2.64
				144769	135.7	137.7	2.0	2.62
				144770	137.7	139.7	2.0	2.62
				144771	139.7	141.7	2.0	2.63
				144772	141.7	143.7	2.0	2.62
				144773	143.7	145.7	2.0	2.63
				144774	145.7	147.7	2.0	2.62
				144775	147.7	149.7	2.0	2.63
				144776	149.7	152.4	2.7	2.62
			Insert #1	144777	28.0	30.0		
			Insert#2	144778	123.9	125.9		

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-23

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: October 4, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: October 6, 2011
54.3m	- 89.4 º	201.6º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	- 89.0 º	252.8º	GRID LOCATION: 125N/ 1725W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): 5432914 N 43177 W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 3.7m					
0	2.7	90	**SPB** Homogeneously black, fragmented, rusted on fractures.	144779	0	2.7	2.7	2.64
2.7	124.5	100	**SPB** Homogeneously black, magnetic, intact	144780	2.7	5.2	2.5	2.65
				144781	QTZ	QTZ	0	0
				144782	5.2	7.7	2.5	2.66
				144783	7.7	9.7	2	2.64
				144784	9.7	11.7	2	2.64
				144785	11.7	13.7	2	2.62
				144786	13.7	15.7	2	2.63
				144787	15.7	17.7	2	2.62
				144788	17.7	19.7	2	3.11
				144789	19.7	21.7	2	3.05
				144790	21.7	23.7	2	2.82
				144791	23.7	25.7	2	2.78
				144792	25.7	27.7	2	2.88
				144793	27.7	29.7	2	2.84
				144794	29.7	31.7	2	2.84
				144795	31.7	33.7	2	2.85
				144796	33.7	35.7	2	2.76
				144797	35.7	37.7	2	2.78
				144798	37.7	39.7	2	2.76
				144799	39.7	41.7	2	2.78

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				144800	41.7	43.7	2	2.78
				144801	QTZ	QTZ	0	0
				144802	43.7	45.7	2	2.78
				144803	45.7	47.7	2	2.76
				144804	47.7	49.7	2	2.75
				144805	49.7	51.7	2	2.75
				144806	51.7	53.7	2	2.76
				144807	53.7	55.7	2	2.75
				144808	55.7	57.7	2	2.75
				144809	57.7	59.7	2	2.73
				144810	59.7	61.7	2	2.74
				144811	61.7	63.7	2	2.73
				144812	63.7	65.7	2	2.74
				144813	65.7	67.9	2	2.75
				144814	67.9	69.7	2	2.76
				144815	69.7	71.7	2	2.75
				144816	71.7	73.7	2	2.75
				144817	73.7	75.7	2	2.75
				144818	75.7	77.7	2	2.76
				144819	77.7	79.7	2	2.75
				144820	79.7	81.7	2	2.74
				144821	QTZ	QTZ	0	0
				144822	81.7	83.7	2	2.73
				144823	83.7	85.7	2	2.74
				144824	85.7	87.9	2	2.74
				144825	87.9	89.7	2	2.73
				144826	89.7	91.7	2	2.75
				144827	91.7	93.7	2	2.73
				144828	93.7	95.7	2	2.76
				144829	95.7	97.7	2	2.76
				144830	97.7	99.7	2	2.75
				144831	99.7	101.7	2	2.72
				144832	101.7	103.7	2	2.73
				144833	103.7	105.7	2	2.75
				144834	105.7	107.7	2	2.74
				144835	107.7	109.7	2	2.75
				144836	109.7	111.7	2	2.76

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144837 144838 144839 144840 144841 144842 144843 144844	111.7 113.7 115.7 117.7 QTZ 119.7 121.7 123.7	113.7 115.7 117.7 119.7 QTZ 121.7 123.7 124.5	2 2 2 2 0 2 2 2	2.76 2.75 2.75 2.74 0 2.76 2.73 2.75
124.5	125.8	100	**SPA** **(Serpentinized andesite)** Dark greenish black, weakly magnetic	144845	124.5	125.8	1.3	2.76
125.8	126.8	100	**SPB** Homogeneously black, magnetic, intact, upper & lower contact are 50º to c.a.	144846	125.8	126.8	1.0	2.76
126.8	128.5	100	**ANDESITE** Silicified andesite mixed with coarse-grained quartz diorite. Lower contact is sharp & 50º to c.a.	144847	126.8	128.5	1.7	2.75
128.5	149.6	100	**SPB** Homogeneously black, magnetic, intact	144848 144849 144850 144851 144852 144853 144854 144855 144856 144857 144858	128.5 130.5 132.5 134.5 136.5 138.5 140.5 142.5 144.5 146.5 148.8	130.5 132.5 134.5 136.5 138.5 140.5 142.5 144.5 146.5 148.8 149.6	2 2 2 2 2 2 2 2 2 2 0.8	2.72 2.73 2.73 2.72 2.72 2.73 2.72 2.73 2.73 2.73 2.73
149.6	152.4	00	**SPB** Homogeneously black, magnetic, fragmented with lime green steatite.	144859 144860 144861	149.6 151.0 QTZ	151.0 152.4 QTZ	1.4 1.4 0	2.65 2.64 0
			Insert #1 **Insert#2**	144862 144863	37.7 109.7	39.7 111.7		

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-24

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 137.8m	DATE STARTED: October 7, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: October 11, 2011
75.6m	- 88.3 °	295.2°	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
			GRID LOCATION: 225N/ 1700W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N E	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 4.0 m					
4.0	6.0	50	**FAULTED/SHEARED SPB** Highly fragmented black serpentinite in fault zone; mixed with decomposed steatite	144864	4.0	6.0	2.0	2.56
6.0	21.9	100	**SPB** Homogeneously black , solid and intact; lower contact is in faulted gouge 60° to c.a	144865	6.0	8.0	2.0	2.64
				144866	8.0	10.0	2.0	2.65
				144867	10.0	12.0	2.0	2.63
				‘144868	12.0	14.0	2.0	2.65
				144869	14.0	16.0	2.0	2.65
				144870	16.0	18.0	2.0	2.66
				144871	18.0	20.0	2.0	2.64
				144872	20.0	21.9	1.9	2.65
21.9	29.0	100	**BASALTIC ANDESITE TO DIAGABBRO** Aphanitic basaltic andesite to fine-grained diagabbro; Over all moderately fragmented; Highly fragmented at 26.8 – 29.0	144873	21.9	24.0	2.1	2.76
				144874	24.0	26.8	2.0	2.75
				144875	26.8	29.0	2.2	2.76
29.0	61.8	100	**SPB** Homogeneously black solid intact same as previously	144876	29.0	31.0	2.0	2.80
				144877	31.0	33.0	2.0	2.80
				144878	33.0	35.0	2.0	2.82
				144879	35.0	37.0	2.0	2.85
				144880	37.0	39.0	2.0	2.82
				144881	QTZ	QTZ	0	0
				144882	39.0	41.0	2.0	2.82
				144883	41.0	43.0	2.0	2.85

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm³)
				144884	43.0	45.0	2.0	2.83
				144885	45.0	47.0	2.0	2.84
				144886	47.0	49.0	2.0	2.84
				144887	49.0	51.0	2.0	2.83
				144888	51.0	53.0	2.0	2.84
				144889	53.0	55.0	2.0	2.83
				144890	55.0	57.0	2.0	2.83
				144891	57.0	59.0	2.0	2.83
				144892	59.0	61.8	2.8	2.83
61.8	62.7	100	**MONZOGABBRO** Black, medium-grained; conspicuously noted subhedral to euhedral feldspar phenos up to 3mm , biotite and hornblende; Upper contact sharp 50° to c.a; lower contact also sharp 40° to c.a;	144893	61.8	62.7	0.9	2.85
62.7	118.6	100	**SPB** Homogeneously black solid intact same as previously	144894	62.7	64.7	2.0	2.82
				144895	64.7	66.7	2.0	2.83
				144896	66.7	68.7	2.0	2.82
				144897	68.7	70.7	2.0	2.85
				144898	70.7	72.7	2.0	2.85
				144899	72.7	74.7	2.0	2.84
				144900	74.7	76.7	2.0	2.84
				144901	QTZ	QTZ	0	0
				144902	76.7	78.7	2.0	2.84
				144903	78.7	80.7	2.0	2.83
				144904	80.7	82.7	2.0	2.84
				144905	82.7	84.7	2.0	2.83
				144906	84.7	86.7	2.0	2.85
				144907	86.7	88.7	2.0	2.82
				144908	88.7	90.7	2.0	2.84
				144909	90.7	92.7	2.0	2.82
				144910	92.7	94.7	2.0	2.85
				144911	94.7	96.7	2.0	2.82
				144912	96.7	98.7	2.0	2.84
				144913	98.7	100.7	2.0	2.84
				144914	100.7	102.7	2.0	2.83
				144915	102.7	104.7	2.0	2.81
				144916	104.7	106.7	2.0	2.83

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144917 144918 144919 144920 144921 144922 144923	106.7 108.7 110.7 112.7 QTZ 114.7 116.7	108.7 110.7 112.7 114.7 QTZ 116.7 118.6	2.0 2.0 2.0 2.0 0 2.0 1.9	2.82 2.83 2.82 2.81 0 2.83 2.83
118.6	124.1	100	**DGB/AND** Diagabbro to basaltic andesite. Aphanitic to medium grained, both contacts are fragmented.	144924 144925 144926	118.6 120.6 122.6	120.6 122.6 124.1	2.0 2.0 1.5	2.76 2.76 2.75
124.1	128.6	100	**SPA** Serpentinized andesite, both contacts are intrusive and 60º to c.a.	144927 144928	124.1 126.1	126.1 128.6	2.0 2.5	2.68 2.68
128.6	137.8	100	**MSY** Moderately fragmented with intervening serpentinized andesite at random intervals.	144929 144930 144931 144932 144933	128.6 130.6 132.6 134.6 136.6	130.6 132.6 134.6 136.6 137.8	2.0 2.0 2.0 2.0 1.2	2.64 2.65 2.65 2.65 2.64
			Insert #1 **Insert #2**	144934 144935	53.0 100.7	55.0 102.7	2.0 2.0	

End Of Hole

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-25

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: October 12, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: October 14, 2011
63.4m	- 89.0 º	329.2º	SECTION:	COLLAR ELEVATION: m	ANALYSIS BY: Assayers Canada
152.4m	- 88.6 º	303.8º	GRID LOCATION: 450S/ 1525W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N W	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
			Casing to 0.6 m					
0.0	61.4	100	**SPB** Homogeneously black , solid and intact, except for: - 7.3-7.5m Asbestos 5cm and parrallel to c.a. - 31.9-32.9m mixed with soft/ light green soapstone. - 52.2-52.7m mixed with soft/ light green soapstone.	144936	0	2	2	2.65
				144937	2	4	2	2.63
				144938	4	6	2	2.65
				144939	6	8	2	2.64
				144940	8	10	2	2.65
				144941	QTZ	QTZ	0	0
				144942	10	12	2	2.63
				144943	12	14	2	2.63
				144944	14	16	2	2.63
				144945	16	18	2	2.64
				144946	18	20	2	2.63
				144947	20	22	2	2.64
				144948	22	24	2	2.64
				144949	24	26	2	2.65
				144950	26	28	2	2.63
				144951	28	30	2	2.63
				144952	30	32	2	2.62
				144953	32	34	2	2.62
				144954	34	36	2	2.64
				144955	36	38	2	2.63
				144956	38	40	2	2.65
				144957	40	42	2	2.64
				144958	42	44	2	2.64

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
				144959	44	46	2	2.64
				144960	46	48	2	2.65
				144961	QTZ	QTZ	0	0
				144962	48	50	2	2.63
				144963	50	52	2	2.63
				144964	52	54	2	2.63
				144965	54	56	2	2.62
				144966	56	58	2	2.63
				144967	58	60	1.4	2.63
				144968	60	61.4		
61.4	62.6	100	**SPA** Serpentinized andesite, both contacts are broken.	144969	61.4	62.6	1.2	2.54
62.6	108.5	100	**SPB** Homogeneously black , solid and intact	144970	62.6	4.6	2	2.64
				144971	64.6	66.6	2	2.65
				144972	66.6	68.6	2	2.62
				144973	68.6	70.6	2	2.62
				144974	70.6	72.6	2	2.63
				144975	72.6	74.6	2	2.64
				144976	74.6	76.6	2	2.65
				144977	76.6	78.6	2	2.65
				144978	78.6	80.6	2	2.62
				144979	80.6	82.6	2	2.63
				144980	82.6	84.6	2	2.65
				144981	QTZ	QTZ	0	0
				144982	84.6	86.6	2	2.63
				144983	86.6	88.6	2	2.65
				144984	88.6	90.6	2	2.64
				144985	90.6	92.6	2	2.64
				144986	92.6	94.6	2	2.63
				144987	94.6	96.6	2	2.63
				144988	96.6	98.6	2	2.65
				144989	98.6	100.6	2	2.65
				144990	100.6	102.6	2	2.64
				144991	102.6	104.6	2	2.63
				144992	104.6	106.6	2	2.62
				144993	106.6	108.5	1.9	2.62
108.5	108.9	100	**AND** Basaltic andesite, both contacts are sharp and 50º to c.a	144994	108.5	108.9	0.4	2.76

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)
108.9	110.5	100	**MIXED SPN & SPB** Black serpentinite with soft, fragmented steatite. Bottom contact is broken.	144995	108.9	110.5	1.6	2.65
110.5	117.7	100	**SPB** Homogeneously black , solid and intact	144996 144997 144998 144999	110.5 112.5 114.5 116.5	112.5 114.5 116.5 117.7	2 2 2 2	2.63 2.63 2.63 2.63
117.7	119.7	100	**BASALTIC ANDESITE** Aphanitic, dark greenish grey, megascopically euhedral feldspar phenos up to 2 mm ; non to weakly magnetic, strong , hard	145000 145001	117.7 QTZ	119.7 QTZ	2 0	2.98 0
119.7	152.4	100	**SPB** Homogeneously black , solid and intact; also mixed with SPL(very weakly listwanized) at random intervals; estimated Talcose-calcareous blebs up to less than 10%	145002 145003 145004 145005 145006 145007 145008 145009 145010 145011 145012 145013 1`45014 145015 145016 145017	119.7 121.7 123.7 125.7 127.7 129.7 131.7 133.7 135.7 137.7 139.7 141.7 143.7 145.7 147.7 149.7	121.7 123.7 125.7 127.7 129.7 131.7 133.7 135.7 137.7 139.7 141.7 143.7 145.7 147.7 149.7 152.4	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66 2.66
			Insert #1 **Insert #2**	145018 145019	40.0 135.7	42.0 137.7	2.0 2.0	

End Of Hole

DIAMOND DRILL HOLE RECORD

PROPERTY: RECORD RIDGE SOUTH DDH RRS11-26

DIP AND AZIMUTH TESTS			CORE SIZE: NQ	TOTAL DEPTH: 152.4m	DATE STARTED: October 17, 2011
DEPTH	ANGLE	AZIMTH	HOLE ANGLE: - 90°	HOLE AZIMUTH 000°	DATE FINISHED: October 22, 2011
60.4m	- 89.8 º	164.8º	SECTION:	COLLAR ELEVATION: 1447.16m	ANALYSIS BY: Assayers Canada
152.4m	- 89.8 º	211.5º	GRID LOCATION: 337S/ 1187W	RECOVERY:	LOGGED BY: H.K. & C.P.
			UTM (NAD 83): N 5432457.83 E 434707.38	CLAIM: Frank Sr. 3	CORE STORED AT: Midnight camp

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)	*Mg* %
			Casing to 4.9 m						
4.4	4.9	100	**Faulted Gouge cored** • **Not sampled**						
4.9	12.9	100	**DGB (Diagabbro)** Fine to medium grained; subhedral to euhedral feldspar phenos up to 1 mm and hornblende in a dark green groundmass; overall moderately fragmented;	145020 145021 145022 145023 145024	4.9 QTZ 6.9 8.9 10.9	6.9 QTZ 8.9 10.9 12.9	2 0 2 2 2	N/A 0 2.87 2.87 2.86	9.08 0.13 9.91 2.52 6.61
12.9	28.7	100	**Mixed SPG and SPA** Dark greenish black serpentinite mixed with serpenitnized andesite at random intermvals; Bottom contact sharp 70° to c.a	145025 145026 145027 145028 145029 145030 145031 145032	12.9 14.9 16.9 18.9 20.9 22.9 24.9 26.9	14.9 16.9 18.9 20.9 22.9 24.9 26.9 28.7	2 2 2 2 2 2 2 1.8	2.86 2.85 2.85 2.87 2.86 2.87 2.86 2.87	10.65 10.25 17.70 11.70 17.85 19.20 21.60 10.80
28.7	40.0	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact	145033 145034 145035 145036 145037 145038	28.7 30.7 32.7 34.7 36.7 38.7	30.7 32.7 34.7 36.7 38.7 40.0	2 2 2 2 2 1.3	2.74 2.75 2.76 2.75 2.76 2.75	22.20 19.80 22.60 23.50 24.00 23.70
40.0	43.0	100	**DGB (Diagabbro) weakly serpentinized** Upper contact is gradational; lower contact is decomposed soft	145039	40.0	43.0	3	2.68	10.85

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)	*Mg* %
			soapstone						
43.0	49.9	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact	145040	43.0	45.0	2	2.87	23.50
				145041	QTZ	QTZ	0	0	0.55
				145042	45.0	47.0	2	2.86	25.50
				145043	47.0	49.9	2.9	2.86	25.20
49.9	51.6	100	**SPB** and **SPN** Fragmented black serpentinite mixed with minor fragmented steatite	145044	49.9	51.6	1.7	N/A	15.25
51.6	54.3	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact	145045	51.6	54.3	2.7	2.90	24.50
54..3	55.6	100	**SPN** Decomposed steatite(soapstone)	145046	54.3	55.6	1.3	N/A	17.30
55.6	93.6	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact	145047	55.6	57.6	2	2.92	25.20
				145048	57.6	59.6	2	3.05	27.50
				145049	59.6	61.6	2	3.02	26.90
				145050	61.6	63.6	2	2.98	26.70
				145051	63.6	65.6	2	2.95	26.10
				145052	65.6	67.6	2	2.95	24.90
				145053	67.6	69.6	2	2.98	23.50
				145054	69.6	71.6	2	2.92	25.10
				145055	71.6	73.6	2	2.95	24.30
				145056	73.6	75.6	2	2.68	23.00
				145057	75.6	77.6	2	2.68	24.70
				145058	77.6	79.6	2	2.67	25.40
				145059	79.6	81.6	2	2.67	24.50
				145060	81.6	83.6	2	2.68	25.30
				145061	QTZ	QTZ	0	0	0.25
				145062	83.6	85.6	2	2.67	24.50
				145063	85.6	87.6	2	2.68	24.10
				145064	87.6	89.6	2	2.68	21.80
				145065	89.6	91.6	2	2.68	24.30
				145066	91.6	93.6	2	2.68	23.20
93.6	95.6	100	**AND/DGB** Dark green	145067	93.6	95.6	2	2.86	**4.73**
95.6	99.4	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact	145068	95.6	97.6	2	2.68	23.90
				145069	97.6	99.4	1.8	2.68	22.70

DEPTH (m) FROM	TO	Recover %	Description	Sample No.	FROM m	TO m	Length m	*P* (g/cm^3)	*Mg* %
99.4	102.1	100	**SPG** Dark greenish black serpentinite, \solid and intact; lower contact is highly fragmented but appearing to be 70° to c.a	145070 145071	99.4 100.1	100.1 102.1	0.7 1.0	2.68 2.60	19.25 20.90
102.1	104.1	100	**SPN** Highly decomposed steatite; both contacts are highly decomposed	145072	102.1	104.1	2	N/A	15.90
104.1	106.3	100	**SPB** Homogeneously black, solid and intact	145073	104.1	106.3	2.2	2.72	**23.20**
106.3	116.3	100	**DGB/AND** Solid and intact, aphanitic to medium grained; Lower contact 60° to c.a	145074 145075 145076 145077 145078	106.3 108.3 110.3 112.3 114.3	108.3 110.3 112.3 114.3 116.3	2 2 2 2 2	2.92 2.92 2.92 2.92 2.92	4.67 4.91 **8.77** 5.54 5.34
116.3	120.3	100	**AND** **Basaltic Andesite** With weakly serpentinized andesite(SPA) at random intervals Lower contact is highly broken	145079 145080 **145081**	116.3 118.3 QTZ	118.3 120.3 QTZ	2 2 0	2.70 2.70 0	5.02 4.86 0.22
120.3	123.5	100	**Mixed SPA and SPG** Dark green serpentinite mixed with serpentinized andesite	145082 145083	120..3 122.3	122.3 123.5	2 1.2	2.70 2.70	10.40 21.60
123.5	126.3	100	**MIXED SPN and SPA** **Dominated by SPN(70%); Hghly decomposed**	145084	123.5	126.3	2.8	N/A	12.75
126.3	134.6	100	**SPB (Black Serpentinite** Homogeneously black, solid and intact	145085 145086 145087 145088	126.3 128.3 130.3 132.3	128.3 130.3 132.3 134.6	2 2 2 2	2.67 2.67 276 2.76	19.85 16.75 23.10 18.05
134.6	137.7	100	**FRAGMENTED BLACK SERPENTINITE (SPB)** **SPB essentiallay same as previous except highly broken**	145089	134.6	137.7	3.1	N/A	15.75
137.7	152.4	100	**SPB (Black Serpentinite)** Homogeneously black, solid and intact End Of Hole	145090 145091 145092 145093 145094 145095 145096	137.7 139.7 141.7 143.7 145.7 147.7 149.7	139.7 141.7 143.7 145.7 147.7 149.7 152.4	2 2 2 2 2 2 2.7	2.65 2.65 2.65 2.76 2.76 2.76 2.76	22.10 23.40 23.90 24.70 23.70 27.20 23.70
			Insert #1 **Insert #2**	145097 145098	57.6 110.3	59.6 112.3	2 2		27.20 **4.90**

DDH RRS11-1 Geology and Assay Data Correlation

									Re-anlalyzed results (September 14, 2011)						Initial results (July 16, 2011)				
Rock type	**Code**	**From**	**To**	**Sample #**	**From**	**To**	**Length**	***P*** **(g/cm^3)**	**Mg (%)**	**Ni (g/t)**	**Co (g/t)**	**Cr (g/t)**	**Si (%)**		**Mg (%)**	**Ni (g/t)**	**Co (g/t)**	**Cr (g/t)**	**Si (%)**
					(m)	(m)	(m)												
Andesite	AND	3.0	20.7	143001	3.0	5.0	2	2.57	2.48	20	150	30			2.48	20	150	30	
Andesite	AND			143002	5.0	7.0	2	2.67	2.35	20	160	30			2.35	20	160	30	
Andesite	AND			143003	7.0	9.0	2	2.67	3.15	40	280	30			3.15	40	280	30	
Andesite	AND			143004	9.0	11.0	2	2.67	2.33	20	170	30			2.33	20	170	30	
Andesite	AND			143005	11.0	13.0	2	2.68	2.18	20	150	30			2.18	20	150	30	
Andesite	AND			143006	13.0	15.0	2	2.68	2.36	20	160	30			2.36	20	160	30	
Andesite	AND			143007	15.0	17.0	2	2.76	2.94	30	140	20			2.94	30	140	20	
Andesite	AND			143008	17.0	19.0	2	2.76	2.59	20	180	30			2.59	20	180	30	
Andesite	AND			143009	19.0	20.7	1.7	2.74	3.28	30	200	30			3.28	30	200	30	
Listwanized Serpentinite	SPL	20.7	23.7	143010	20.7	22.2	1.5	2.82	12.90	10	2250	90			**12.90**	10	2250	90	
Listwanized Serpentinite	SPL			143011	22.2	23.7	1.5	2.84	9.77	60	230	40			**9.77**	60	230	40	
Andesite	AND	23.7	40.0	143012	23.7	25.7	2	2.79	5.88	30	130	30			5.88	30	130	30	
Andesite	AND			143013	25.7	27.7	2	2.79	3.21	30	120	30			3.21	30	120	30	
Andesite	AND			143014	27.7	29.7	2	2.75	4.24	60	130	30			4.24	60	130	30	
Andesite	AND			143015	29.7	31.7	2	2.76	4.76	90	280	40			4.76	90	280	40	
Andesite	AND			143016	31.7	33.7	2	2.78	4.26	50	230	30			4.26	50	230	30	
Andesite	AND			143017	33.7	35.7	2	2.78	4.34	70	160	40			4.34	70	160	40	
Andesite	AND			143018	35.7	37.7	2	2.78	4.11	40	110	40			4.11	40	110	40	
Andesite	AND			143019	37.7	40	2.3	2.78	6.78	140	220	50			6.78	140	220	50	
Listwanized Serpentinite	SPL	40.0	41.0	143020	40	41	1	2.9	12.00	10	2420	90			12.00	10	2420	90	
Quartz for QAQC	QTZ			143021	QTZ	QTZ	QTZ	QTZ	0.07	<10	150	<10			0.07	<10	150	<10	
Andesite	AND	41.0	79.0	143022	41.0	43.0	2	2.78	10.60	860	1130	60			10.60	860	1130	60	
Andesite	AND			143023	43.0	45.0	2	2.78	4.11	50	140	40			4.11	50	140	40	
Andesite	AND			143024	45.0	47.0	2	2.76	4.38	50	160	40			4.38	50	160	40	
Andesite	AND			143025	47.0	49.0	2	2.78	5.10	50	160	40			5.10	50	160	40	
Andesite	AND			143026	49.0	51.0	2	2.76	7.15	140	310	50			7.15	140	310	50	
Andesite	AND			143027	51.0	53.0	2	2.76	7.07	450	760	50			7.07	450	760	50	
Andesite	AND			143028	53.0	55.0	2	2.78	7.92	270	490	50			7.92	270	490	50	

Serpentinzed andesite	SPA			143029	55.0	57.0	2	2.77	10.20	390	810	50			10.20	390	810	50	
Serpentinzed andesite	SPA			143030	57.0	59.0	2	2.76	8.88	210	270	50			8.88	210	270	50	
Serpentinzed andesite	SPA			143031	59.0	61.0	2	2.76	18.20	1870	100	2140			19.20	1900	2310	100	
Serpentinzed andesite	SPA			143032	61.0	63.0	2	2.78	12.90	1250	1710	70			12.90	1250	1710	70	
Andesite	AND			143033	63.0	65.0	2	2.76	3.40	50	220	30			3.40	50	220	30	
Andesite	AND			143034	65.0	67.0	2	2.77	3.10	30	170	30			3.10	30	170	30	
Andesite	AND			143035	67.0	69.0	2	2.77	1.97	20	100	30			1.97	20	100	30	
Andesite	AND			143036	69.0	71.0	2	2.78	3.89	100	210	30			3.89	100	210	30	
Andesite	AND			143037	71.0	73.0	2	2.75	7.90	400	760	50			7.90	400	760	50	
Andesite	AND			143038	73.0	75.0	2	2.78	8.87	430	820	50			8.87	430	820	50	
Andesite	AND			143039	75.0	77.0	2	2.76	8.68	410	660	60			8.68	410	660	60	
Andesite	AND			143040	77.0	79.0	2	2.78	7.73	290	450	50			7.73	290	450	50	
Quartz for QAQC	QTZ			143041	QTZ	QTZ	0	0	0.06	<10	150	<10			0.06	<10	150	<10	
Serpentinzed andesite	SPA			143042	79.0	80.9	1.9	2.76	12.80	1030	1450	70			12.80	1030	1450	70	
Serpentinzed andesite	SPA	79.0	84.2	143043	80.9	82.8	1.9	2.8	13.60	940	1300	70			13.60	940	1300	70	
Serpentinzed andesite	SPA			143044	82.8	84.2	1.4	2.76	18.20	1720	100	2090			18.30	1720	2110	90	
ANDESITE	AND	84.2	85.6	143045	84.2	85.6	1.4	2.78	9.32	90	110	40			9.32	90	110	40	
Black Serpentinite	SPB	85.6	87.8	143046	85.6	87.8	2.2	2.68	19.10	1950	110	2570			18.70	1950	2600	100	
Black Serpentinite	SPB	87.8	89.8	143047	87.8	89.8	2	2.76	16.50	2030	110	2760			15.80	2020	2830	100	
Andesite	AND	89.8	95.4	143048	89.8	91.8	2	2.78	10.20	410	510	50			10.20	410	510	50	
Andesite	AND			143049	91.8	93.8	2	2.76	5.63	140	210	30			5.63	140	210	30	
Andesite	AND			143050	93.8	95.4	1.6	2.76	5.51	120	120	20			5.51	120	120	20	
Black Serpentinite	SPB	95.4	98.3	143051	95.4	96.9	1.5	2.68	18.40	1810	100	2720			18.90	1900	3090	90	
Black Serpentinite	SPB			143052	96.9	98.3	1.4	2.68	21.50	2260	120	2590			22.20	2310	2730	110	
Andesite	AND	98.3	102.2	143053	98.3	100.3	2	2.76	7.99	110	160	40			7.99	110	160	40	
Andesite	AND			143054	100.3	102.2	1.9	2.78	8.89	130	150	40			8.89	130	150	40	
Black Serpentinite	SPB	102.2	106.1	143055	102.2	104.2	2	2.69	18.10	1610	100	1870			17.60	1600	1820	100	
Black Serpentinite	SPB			143056	104.2	106.1	1.9	2.7	19.40	1940	110	2700			18.70	2000	2820	100	
Andesite	AND	106.1	108.5	143057	106.1	108.5	2.4	2.77	3.52	50	200	30			3.52	50	200	30	
Black Serpentinite	SPB	108.5	118.1	143058	108.5	110.5	2	2.65	18.60	1620	90	2240			17.70	1670	2270	90	
Black Serpentinite	SPB			143059	110.5	112.5	2	2.66	24.40	2080	110	3090			22.90	2180	3260	110	
Black Serpentinite	SPB			143060	112.5	114.5	2	2.5	21.40	1920	100	2440			19.90	2080	2550	100	
Black Serpentinite	SPB			143061	114.5	116.5	2	2.68	16.90	1030	80	1770			16.80	1000	1760	70	

Quartz for QAQC	QTZ			143062	QTZ	QTZ	0	0	0.14	<10	120	<10			0.14	<10	120	<10	
Black Serpentinite	SPB			143063	116.5	118.1	1.6	2.68	16.90	1710	100	2340			16.30	1740	2480	90	
Andesite	AND	118.1	149.4	143064	118.1	120.1	2	2.8	4.74	60	90	30			4.74	60	90	30	
Andesite	AND			143065	120.1	122.9	2.8	2.8	2.74	30	80	20			2.74	30	80	20	
Andesite	AND			143066	122.9	124.9	2	2.75	4.80	190	340	30			4.80	190	340	30	
Andesite	AND			143067	124.9	126.9	2	2.78	3.94	60	220	40			3.94	60	220	40	
Andesite	AND			143068	126.9	128.9	2	2.75	4.10	60	220	40			4.10	60	220	40	
Andesite	AND			143069	128.9	130.9	2	2.76	2.73	30	130	30			2.73	30	130	30	
Andesite	AND			143070	130.9	132.9	2	2.75	2.25	<10	80	30			2.25	<10	80	30	
Andesite	AND			143071	132.9	134.9	2	2.76	3.19	40	160	30			3.19	40	160	30	
Andesite	AND			143072	134.9	136.9	2	2.75	3.46	30	150	40			3.46	30	150	40	
Andesite	AND			143073	136.9	138.9	2	2.76	2.80	20	140	30			2.80	20	140	30	
Andesite	AND			143074	138.9	140.9	2	2.78	2.29	<10	90	20			2.29	<10	90	20	
Andesite	AND			143075	140.9	142.9	2	2.75	2.33	<10	90	20			2.33	<10	90	20	
Andesite	AND			143076	142.9	144.9	2	2.78	2.22	<10	90	20			2.22	<10	90	20	
Andesite	AND			143077	144.9	146.9	2	2.77	2.20	<10	70	20			2.20	<10	70	20	
Andesite	AND			143078	146.9	149.4	2.5	2.76	4.56	260	380	30			4.56	260	380	30	
Serpentinite	SPB	149.4	153.1	143079	149.4	151.4	2	2.68	18.20	1670	2180	100			18.20	1670	2180	100	
Serpentinite	SPB			143080	151.4	153.1	1.7	2.65	15.80	1480	1890	90			15.80	1480	1890	90	
Quartz for QAQC	QTZ			143081	QTZ	QTZ	0	0	0.08	<10	140	<10			0.08	<10	140	<10	
Andesite	AND	153.1	165.4	143082	153.1	155.1	2	2.75	5.70	380	500	40			5.70	380	500	40	
Andesite	AND			143083	155.1	157.1	2	2.72	3.19	50	150	30			3.19	50	150	30	
Andesite	AND			143084	157.1	159.1	2	2.77	3.48	90	220	30			3.48	90	220	30	
Andesite	AND			143085	159.1	161.1	2	2.76	2.79	<10	90	20			2.79	<10	90	20	
Andesite	AND			143086	161.1	163.1	2	2.75	2.87	10	80	30			2.87	10	80	30	
Andesite	AND			143087	163.1	165.4	2.3	2.76	4.64	140	270	40			4.64	140	270	40	
Black Serpentinite	SPB	165.4	185.6	143088	165.4	167.4	2	2.65	22.00	2100	2590	100			22.00	2100	2590	100	
Black Serpentinite	SPB			143089	167.4	169.4	2	2.64	23.20	2110	2630	110			23.20	2110	2630	110	
Black Serpentinite	SPB			143090	169.4	171.4	2	2.63	22.00	2050	2550	100			22.00	2050	2550	100	
Black Serpentinite	SPB			143091	171.4	173.4	2	2.65	23.20	2070	3820	110			23.20	2070	3820	110	
Black Serpentinite	SPB			143092	173.4	175.4	2	2.68	23.00	1990	3190	110			23.00	1990	3190	110	
Black Serpentinite	SPB			143093	175.4	177.4	2	2.65	22.30	2180	3650	120			22.30	2180	3650	120	
Black Serpentinite	SPB			143094	177.4	179.4	2	2.64	23.00	2190	3240	110			23.00	2190	3240	110	

Black Serpentinite	SPB			143095	179.4	181.4	2	2.68	23.20	2230	3070	100			23.20	2230	3070	100	
Black Serpentinite	SPB			143096	181.4	183.4	2	2.68	20.60	1870	2350	110			20.60	1870	2350	110	
Black Serpentinite	SPB			143097	183.4	185.6	2	2.67	20.20	1860	2380	110			20.20	1860	2380	110	
						E.O.H													

DDH RRS11-2 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t	Cr (g/t	Si(%)	SiO2(%)		Mg (%	Ni (g/t)	Co (g/t	Cr (g/t)
									Re-anlalyzed results (September 14, 2011						Initial results (July 16, 2011)				
Andesite	AND	3.0	22.6	143098	3.0	5.0	2.0	2.68	1.99	30	20	120	NA	48.0		1.99	30	20	120
Andesite	AND			143099	5.0	7.0	2.0	2.69	1.92	30	20	120	NA	43.7		1.92	30	20	120
Andesite	AND			143100	7.0	9.0	2.0	2.68	2.93	50	30	220	NA	53.0		2.93	50	30	220
Quartz for QAQC	QTZ			143101	QTZ	QTZ	0.0	0	0.07	<10	<10	150	NA	67.7		0.07	<10	<10	150
Andesite	AND			143102	9.0	11.0	2.0	2.68	1.94	10	20	40	NA	53.1		1.94	10	20	40
Andesite	AND			143103	11.0	13.0	2.0	2.67	2.27	30	30	140	NA	53.0		2.27	30	30	140
Andesite	AND			143104	13.0	15.0	2.0	2.68	1.26	<10	10	60	NA	51.7		1.26	<10	10	60
Andesite	AND			143105	15.0	17.0	2.0	2.69	2.15	20	20	70	NA	54.3		2.15	20	20	70
Andesite	AND			143106	17.0	19.0	2.0	2.68	2.5	20	20	90	NA	47.5		2.50	20	20	90
Andesite	AND			143107	19.0	21.0	2.0	2.69	2.6	10	30	70	NA	45.6		2.60	10	30	70
Andesite	AND			143108	21.0	22.6	1.6	2.67	2.78	30	30	110	NA	41.1		2.78	30	30	110
Diagabbro	DGB	22.6	147.6	143109	22.6	24.6	2.0	2.75	3.02	30	30	130	NA	45.1		3.02	30	30	130
Diagabbro	DGB			143110	24.6	26.6	2.0	2.75	2.52	30	30	150	NA	52.5		2.52	30	30	150
Diagabbro	DGB			143111	26.6	28.6	2.0	2.73	2.49	30	20	150	NA	46.3		2.49	30	20	150
Diagabbro	DGB			143112	28.6	30.6	2.0	2.76	3.35	30	30	170	NA	50.3		3.35	30	30	170
Diagabbro	DGB			143113	30.6	32.6	2.0	2.75	3.22	30	30	160	NA	45.5		3.22	30	30	160
Diagabbro	DGB			143114	32.6	34.6	2.0	2.76	4.77	270	40	660	NA	47.0		4.77	270	40	660
Diagabbro	DGB			143115	34.6	36.6	2.0	2.75	4.32	120	30	280	NA	46.7		4.32	120	30	280
Diagabbro	DGB			143116	36.6	38.6	2.0	2.76	3.49	110	30	260	NA	52.5		3.49	110	30	260
Diagabbro	DGB			143117	38.6	40.6	2.0	2.75	4.41	230	40	540	NA	50.2		4.41	230	40	540
Diagabbro	DGB			143118	40.6	42.6	2.0	2.68	2.31	20	30	100	NA	44.3		2.31	20	30	100
Diagabbro	DGB			143119	42.6	44.6	2.0	2.68	1.58	20	20	80	NA	47.7		1.58	20	20	80
Diagabbro	DGB			143120	44.6	46.6	2.0	2.68	1.61	<10	20	50	NA	51.1		1.61	<10	20	50
Quartz for QAQC	QTZ			143121	QTZ	QTZ	0.0	0	0.1	<10	<10	120	NA	44.4		0.10	<10	<10	120
Diagabbro	DGB			143122	46.6	48.6	2.0	2.69	1.82	<10	20	50	NA	52.0		1.82	<10	20	50
Diagabbro	DGB			143123	48.6	50.6	2.0	2.67	1.41	<10	20	60	NA	50.4		1.41	<10	20	60
Diagabbro	DGB			143124	50.6	52.6	2.0	2.68	1.23	<10	20	50	NA	56.7		1.23	<10	20	50
Diagabbro	DGB			143125	52.6	54.6	2.0	2.68	2.7	50	30	230	NA	51.6		2.70	50	30	230

Diagabbro	DGB			143126	54.6	56.6	2.0	2.68	3.35	70	30	300	NA	48.1		3.35	70	30	300
Diagabbro	DGB			143127	56.6	58.6	2.0	2.68	1.99	30	20	120	NA	52.9		1.99	30	20	120
Diagabbro	DGB			143128	58.6	60.6	2.0	2.68	2.5	50	30	180	NA	52.1		2.50	50	30	180
Diagabbro	DGB			143129	60.6	62.6	2.0	2.68	2.6	40	30	150	NA	48.1		2.60	40	30	150
Diagabbro	DGB			143130	62.6	64.6	2.0	2.67	3.86	80	40	330	NA	49.9		3.86	80	40	330
Diagabbro	DGB			143131	64.6	66.6	2.0	2.68	1.75	20	20	90	NA	51.9		1.75	20	20	90
Diagabbro	DGB			143132	66.6	68.6	2.0	2.67	1.27	<10	20	40	NA	55.0		1.27	<10	20	40
Diagabbro	DGB			143133	68.6	70.6	2.0	2.68	1.34	20	20	80	NA	50.7		1.34	20	20	80
Diagabbro	DGB			143134	70.6	72.6	2.0	2.68	1.65	30	20	130	NA	47.0		1.65	30	20	130
Diagabbro	DGB			143135	72.6	74.6	2.0	2.68	2.32	30	30	160	NA	50.9		2.32	30	30	160
Diagabbro	DGB			143136	74.6	76.6	2.0	2.68	3	30	30	190	NA	51.0		3.00	30	30	190
Diagabbro	DGB			143137	76.6	78.6	2.0	2.68	3.25	30	40	200	NA	51.5		3.25	30	40	200
Diagabbro	DGB			143138	78.6	80.6	2.0	2.68	3.23	30	40	210	NA	45.7		3.23	30	40	210
Diagabbro	DGB			143139	80.6	82.6	2.0	2.67	3.22	90	40	260	NA	49.7		3.22	90	40	260
Diagabbro	DGB			143140	82.6	84.6	2.0	2.68	3.09	20	30	70	NA	51.0		3.09	20	30	70
Quartz for QAQC	QTZ			143141	QTZ	QTZ	0.0	0	0.08	10	<10	130	NA	97.1		0.08	10	<10	130
Diagabbro	DGB			143142	84.6	86.6	2.0	2.68	1.86	40	20	140	NA	56.8		1.86	40	20	140
Diagabbro	DGB			143143	86.6	88.6	2.0	2.65	2.28	20	20	110	NA	55.7		2.28	20	20	110
Diagabbro	DGB			143144	88.6	90.9	2.0	2.68	2.33	20	20	90	NA	53.8		2.33	20	20	90
Diagabbro	DGB			143145	90.9	92.6	2.0	2.67	2.33	20	30	100	NA	54.8		2.33	20	30	100
Diagabbro	DGB			143146	92.6	94.6	2.0	2.68	2.42	20	30	90	NA	54.9		2.42	20	30	90
Diagabbro	DGB			143147	94.6	96.6	2.0	2.68	2.34	10	20	90	NA	55.3		2.34	10	20	90
Diagabbro	DGB			143148	96.6	98.6	2.0	2.67	2.44	20	30	100	NA	56.4		2.44	20	30	100
Diagabbro	DGB			143149	98.6	100.6	2.0	2.68	2.39	20	30	100	NA	56.1		2.39	20	30	100
Diagabbro	DGB			143150	100.6	102.6	2.0	2.67	2.39	20	30	100	NA	57.0		2.39	20	30	100
Diagabbro	DGB			143151	102.6	104.6	2.0	2.68	2.49	20	30	90	NA	56.2		2.49	20	30	90
Diagabbro	DGB			143152	104.6	106.6	2.0	2.68	3.08	30	40	190	NA	51.4		3.08	30	40	190
Diagabbro	DGB			143153	106.6	108.6	2.0	2.67	2.91	30	40	150	NA	50.5		2.91	30	40	150
Diagabbro	DGB			143154	108.6	110.6	2.0	2.68	3.15	30	30	120	NA	49.4		3.15	30	30	120
Diagabbro	DGB			143155	110.6	112.6	2.0	2.69	1.73	40	20	130	NA	55.0		1.73	40	20	130
Diagabbro	DGB			143156	112.6	114.6	2.0	2.68	2.15	20	20	100	NA	55.5		2.15	20	20	100
Diagabbro	DGB			143157	114.6	116.6	2.0	2.68	3.03	30	30	190	NA	54.1		3.03	30	30	190
Diagabbro	DGB			143158	116.6	118.6	2.0	2.68	3.78	60	30	290	NA	51.1		3.78	60	30	290

Diagabbro	DGB			143159	118.6	120.6	2.0	2.68	3.82	60	30	290	NA	53.5		3.82	60	30	290
Diagabbro	DGB			143160	120.6	122.6	2.0	2.67	11.9	1150	70	1490	NA	47.8		####	1150	70	1490
Quartz for QAQC	QTZ			143161	QTZ	QTZ	0.0	0	0.06	20	<10	180	NA	98.4		0.06	20	<10	180
Diagabbro	DGB			143162	122.6	124.6	2.0	2.68	2.44	20	30	80	NA	54.9		2.44	20	30	80
Diagabbro	DGB			143163	124.6	126.6	2.0	2.68	2.48	10	30	90	NA	55.0		2.48	10	30	90
Diagabbro	DGB			143164	126.6	128.6	2.0	2.67	2.27	20	30	90	NA	56.0		2.27	20	30	90
Diagabbro	DGB			143165	128.6	130.6	2.0	2.68	2.44	10	30	100	NA	55.3		2.44	10	30	100
Diagabbro	DGB			143166	130.6	132.6	2.0	2.68	2.62	30	30	110	NA	54.2		2.62	30	30	110
Diagabbro	DGB			143167	132.6	134.6	2.0	2.67	2.5	20	30	90	NA	54.8		2.50	20	30	90
Diagabbro	DGB			143168	134.6	136.6	2.0	2.66	3.96	90	40	240	NA	47.5		3.96	90	40	240
Diagabbro	DGB			143169	136.6	138.6	2.0	2.68	3.54	50	30	150	NA	49.9		3.54	50	30	150
Diagabbro	DGB			143170	138.6	140.6	2.0	2.68	2.4	10	20	80	NA	52.9		2.40	10	20	80
Diagabbro	DGB			143171	140.6	142.6	2.0	2.68	2.32	10	20	80	NA	53.2		2.32	10	20	80
Diagabbro	DGB			143172	142.6	144.6	2.0	2.67	2.38	10	30	80	NA	53.0		2.38	10	30	80
Diagabbro	DGB			143173	144.6	146.6	2.0	2.68	2.43	10	30	80	NA	52.5		2.43	10	30	80
Diagabbro	DGB			143174	146.6	147.6	1.0	2.67	4.48	300	40	380	NA	48.4		4.48	300	40	380
Monzosyenite	MSY	147.6	159.0	143175	147.6	149.6	2.0	2.68	1.93	50	20	140	NA	56.4		1.93	50	20	140
Monzosyenite	MSY			143176	149.6	151.6	2.0	2.64	1.76	40	20	140	NA	57.3		1.76	40	20	140
Monzosyenite	MSY			143177	151.6	153.6	2.0	2.68	1.69	40	20	150	NA	56.7		1.69	40	20	150
Monzosyenite	MSY			143178	153.6	155.6	2.0	2.68	1.80	40	20	150	NA	57.1		1.80	40	20	150
Monzosyenite	MSY			143179	155.6	157.6	2.0	2.67	1.84	40	20	160	NA	56.9		1.84	40	20	160
Monzosyenite	MSY			143180	157.6	159.0	1.4	2.68	3.03	40	20	130	NA	53.4		3.03	40	20	130
Quartz for QAQC	QTZ			143181	QTZ	QTZ	0.0	0	0.05	10	<10	160	NA	94.0		0.05	10	<10	160
Mixed Black Serpentinite and soapstone	SPB/SPN	159.0	163.7	143182	159.0	161.3	2.3	2.56	18.00	1670	100	2140	NA	39.1		####	1770	90	2230
Mixed Black Serpentinite and soapstone	SPB/SPN			143183	161.3	163.7	2.4	2.58	17.30	1390	80	2270	NA	40.5		####	1470	80	2160
Diagabbro	DGB	163.7	169.3	143184	163.7	165.7	2.0	2.65	1.86	40	20	110	NA	55.2		1.86	40	20	110
Diagabbro	DGB			143185	165.7	167.7	2.0	2.64	1.71	40	20	110	NA	55.2		1.71	40	20	110
Diagabbro	DGB			143186	167.7	169.3	1.6	2.65	1.68	30	20	120	NA	54.7		1.68	30	20	120
Diagabbro	DGB	169.3	226.3	143187	169.3	171.3	2.0	2.68	1.47	30	20	120	NA	56.3		1.47	30	20	120
Diagabbro	DGB			143188	171.3	173.3	2.0	2.67	1.48	30	20	120	NA	56.3		1.48	30	20	120
Diagabbro	DGB			143189	173.3	175.3	2.0	2.68	1.45	30	20	110	NA	55.6		1.45	30	20	110
Diagabbro	DGB			143190	175.3	177.3	2.0	2.68	1.46	30	20	120	NA	57.1		1.46	30	20	120
Diagabbro	DGB			143191	177.3	179.3	2.0	2.68	1.46	30	20	110	NA	57.8		1.46	30	20	110

Monzosyenite	MSY			143192	179.3	181.3	2.0	2.68	1.71	40	20	170	NA	57.7		1.71	40	20	170
Monzosyenite	MSY			143193	181.3	183.3	2.0	2.68	1.66	40	20	160	NA	57.2		1.66	40	20	160
Monzosyenite	MSY			143194	183.3	185.3	2.0	2.67	1.7	40	20	180	NA	57.5		1.70	40	20	180
Monzosyenite	MSY			143195	185.3	187.3	2.0	2.67	1.76	40	20	180	NA	56.7		1.76	40	20	180
Monzosyenite	MSY			143196	187.3	189.3	2.0	2.68	1.78	40	20	170	NA	56.7		1.78	40	20	170
Monzosyenite	MSY			143197	189.3	191.3	2.0	2.68	1.79	40	20	170	NA	57.7		1.79	40	20	170
Monzosyenite	MSY			143198	191.3	193.3	2.0	2.67	1.74	40	20	170	NA	58.6		1.74	40	20	170
Monzosyenite	MSY			143199	193.3	195.3	2.0	2.68	1.77	40	20	180	NA	55.8		1.77	40	20	180
Monzosyenite	MSY			143200	195.3	197.3	2.0	2.68	1.86	40	20	170	NA	56.6		1.86	40	20	170
Monzosyenite	MSY			143201	197.3	199.3	2.0	2.68	1.84	40	20	180	NA	56.5		1.84	40	20	180
Quartz for QAQC	QTZ			143202	QTZ	QTZ	0.0	0.0	0.05	20	<10	200	NA	96.4		0.05	20	<10	200
Monzosyenite	MSY			143203	199.3	201.3	2.0	2.67	1.69	40	20	190	NA	56.3		1.69	40	20	190
Monzosyenite	MSY			143204	201.3	203.3	2.0	2.68	1.75	30	20	140	NA	55.1		1.75	30	20	140
Monzosyenite	MSY			143205	203.3	205.3	2.0	2.68	2.12	40	20	160	NA	56.7		2.12	40	20	160
Monzosyenite	MSY			143206	205.3	207.3	2.0	2.67	2.8	40	20	140	NA	56.9		2.80	40	20	140
Monzosyenite	MSY			143207	207.3	209.3	2.0	2.67	1.97	40	20	170	NA	57.6		1.97	40	20	170
Monzosyenite	MSY			143208	209.3	211.3	2.0	2.68	1.84	40	20	160	NA	57.3		1.84	40	20	160
Monzosyenite	MSY			143209	211.3	213.3	2.0	2.68	1.83	40	20	170	NA	56.6		1.83	40	20	170
Monzosyenite	MSY			143210	213.3	215.3	2.0	2.65	2.68	40	20	160	NA	55.2		2.68	40	20	160
Monzosyenite	MSY			143211	215.3	217.3	2.0	2.68	1.93	40	20	170	NA	57.3		1.93	40	20	170
Monzosyenite	MSY			143212	217.3	219.3	2.0	2.67	1.68	30	20	160	NA	54.5		1.68	30	20	160
Monzosyenite	MSY			143213	219.3	221.3	2.0	2.68	1.85	40	20	160	NA	55.3		1.85	40	20	160
Monzosyenite	MSY			143214	221.3	223.3	2.0	2.68	1.83	40	20	150	NA	57.3		1.83	40	20	150
Monzosyenite	MSY			143215	223.3	225.3	2.0	2.67	1.69	30	20	140	NA	53.5		1.69	30	20	140
Monzosyenite	MSY			143216	225.3	226.3	1.0	2.68	2.89	40	20	110	NA	53.7		2.89	40	20	110
Black Serpentinite	SPB	226.3	229.2	143217	226.3	228.3	2.0	2.65	20.90	2030	110	2690	NA	36.5		####	2090	100	2480
Black Serpentinite	SPB			143218	228.3	229.2	0.9	2.63	22.00	2150	110	2330	NA	38.0		####	2230	110	2520
Diagabbro	DGB	229.2	244.4	143219	229.2	231.2	2.0	2.68	2.89	90	20	190	NA	54.6		2.89	90	20	190
Diagabbro	DGB			143220	231.2	233.2	2.0	2.67	1.73	40	20	160	NA	57.0		1.73	40	20	160
Diagabbro	QTZ			143221	QTZ	QTZ	0.0	0	0.05	10	<10	170	NA	94.3		0.05	10	<10	170
Diagabbro	DGB			143222	233.2	235.2	2.0	2.66	1.74	40	20	160	NA	57.3		1.74	40	20	160
Diagabbro	DGB			143223	235.2	237.2	2.0	2.68	1.70	30	20	140	NA	56.6		1.70	30	20	140
Diagabbro	DGB			143224	237.2	239.2	2.0	2.68	1.70	30	20	140	NA	56.8		1.70	30	20	140

Diagabbro	DGB			143225	239.2	241.2	2.0	2.67	1.72	30	20	140	NA	**56.9**		1.72	30	20	140
Diagabbro	DGB			143226	241.2	243.2	2.0	2.68	1.89	30	20	130	NA	**57.8**		1.89	30	20	130
Diagabbro	DGB			143227	243.2	244.4	1.2	2.68	2.15	30	20	130	NA	**56.6**		2.15	30	20	130
						E.O.H												
						244.4												

DDH RRS11-3 Geology and Assay data correlation

									Re-anlalyzed results (September 14, 2011)						Initial results (July 16, 2011)				
Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si(%)	SiO_2(%)	Mg (%)	Ni (g/t	Co (g/t)	Cr (g/t)	Si (%)
Black Serpentinite	SPB	2.1	39.8	143228	2.1	4.1	2	2.65	22.70	2170	110	2960	NA	38.8	20.80	2170	110	2990	
Black Serpentinite	SPB			143229	4.1	6.1	2	2.64	22.40	2280	120	3100	NA	38.1	21.70	2280	120	3250	
Black Serpentinite	SPB			143230	6.1	8.1	2	2.65	24.70	2230	120	4240	NA	35.6	22.60	2280	120	4040	
Black Serpentinite	SPB			143231	8.1	10.1	2	2.64	24.90	2170	120	3380	NA	35.7	22.50	2330	120	3130	
Black Serpentinite	SPB			143232	10.0	12.1	2	2.65	24.50	2090	110	2900	NA	38.5	22.20	2230	120	3150	
Black Serpentinite	SPB			143233	12.1	14.1	2	2.79	25.70	2180	120	2640	NA	38.4	23.10	2410	120	2970	
Black Serpentinite	SPB			143234	14.0	16.1	2	2.78	22.80	2120	110	2320	NA	37.7	22.30	2230	110	2650	
Black Serpentinite	SPB			143235	16.1	18.1	2	2.68	24.90	2040	110	2540	NA	34.7	21.90	2190	110	2820	
Black Serpentinite	SPB			143236	18.1	20.1	2	2.62	24.90	2130	110	2690	NA	39.4	22.70	2240	120	3060	
Black Serpentinite	SPB			143237	20.1	22.1	2	2.79	24.10	2280	140	3170	NA	39.7	21.80	2420	140	3360	
Black Serpentinite	SPB			143238	22.1	24.1	2	2.82	25.80	2300	120	2690	NA	37.3	23.40	2250	120	2900	
Black Serpentinite	SPB			143239	24.1	26.1	2	2.83	26.10	2380	120	2910	NA	36.6	23.50	2460	120	3240	
Black Serpentinite	SPB			143240	26.1	28.1	2	2.75	26.00	2360	120	3790	NA	36.3	23.00	2490	130	4210	
Quartz for QAQC	QTZ			143241	QTZ	QTZ	0	0	0.18	20	<10	200	NA	96.1	0.14	20	<10	210	
Black Serpentinite	SPB			143242	28.1	30.1	2	2.75	25.70	2490	130	3290	NA	36.1	23.50	2600	130	3570	
Black Serpentinite	SPB			143243	30.1	32.1	2	2.74	26.30	2360	120	2880	NA	37.5	23.70	2510	130	3160	
Black Serpentinite	SPB			143244	32.1	34.1	2	2.76	25.30	2220	120	3190	NA	37.5	23.00	2330	120	3890	
Black Serpentinite	SPB			143245	34.1	36.1	2	2.75	23.90	2200	120	2950	NA	37.0	23.00	2440	130	3360	
Black Serpentinite	SPB			143246	36.1	38.1	2	2.76	23.50	1920	110	2930	NA	38.6	22.70	2010	110	3540	
Black Serpentinite	SPB			143247	38.1	39.8	1.7	2.75	21.70	2060	110	4710	NA	36.9	20.80	2240	110	4920	
Andesite	AND	39.8	42.8	143248	39.8	41.3	1.5	2.78	5.43	70	20	110	NA	54.3	5.19	70	20	110	
Andesite	AND			143249	41.3	42.8	1.5	2.78	6.23	160	30	270	NA	52.0	5.62	160	30	230	
Black Serpentinite	SPB	42.8	139	143250	42.8	44.8	2	2.65	20.80	2100	110	2340	NA	33.9	20.50	2260	110	2340	
Black Serpentinite	SPB			143251	44.8	46.8	2	2.64	21.50	2170	110	3450	NA	35.5	21.40	2290	120	3840	
Black Serpentinite	SPB			143252	46.8	48.8	2	2.63	22.60	2040	110	2880	NA	35.4	22.10	2150	110	3310	
Black Serpentinite	SPB			143253	48.8	50.8	2	2.65	22.70	2070	110	2620	NA	36.8	22.40	2180	110	2840	
Black Serpentinite	SPB			143254	50.8	52.8	2	2.65	22.70	2200	110	3600	NA	37.1	22.50	2240	120	3610	
Black Serpentinite	SPB			143255	52.8	54.8	2	2.64	22.20	2090	110	2430	NA	35.3	22.00	2240	120	2870	

Black Serpentinite	SPB			143256	54.8	56.8	2	2.63	22.50	2100	110	2710	NA	36.4	21.80	2330	120	2500	
Black Serpentinite	SPB			143257	56.8	58.8	2	2.64	22.90	2010	110	2400	NA	37.0	22.20	2200	120	2660	
Black Serpentinite	SPB			143258	58.8	60.8	2	2.65	22.90	2110	120	6180	NA	34.6	21.90	2260	130	6930	
Black Serpentinite	SPB			143259	60.8	62.8	2	2.64	22.70	2050	110	2260	NA	36.7	22.00	2170	110	2510	
Black Serpentinite	SPB			143260	62.8	64.8	2	2.65	21.80	1960	110	2330	NA	36.0	21.70	2030	110	2570	
Quartz for QAQC	QTZ			143261	QTZ	QTZ	0	0	0.19	20	<10	180	NA	95.5	0.16	20	<10	180	
Black Serpentinite	SPB			143262	64.8	66.8	2	2.65	21.60	2100	110	2740	NA	35.4	21.80	2260	110	3230	
Black Serpentinite	SPB			143263	66.8	68.8	2	2.64	22.90	2180	120	3180	NA	35.2	22.40	2310	120	3420	
Black Serpentinite	SPB			143264	68.8	70.8	2	2.63	22.30	2090	120	3510	NA	34.8	21.90	2270	120	3790	
Black Serpentinite	SPB			143265	70.8	72.8	2	2.65	23.10	2080	110	2510	NA	34.7	22.20	2120	120	2500	
Black Serpentinite	SPB			143266	72.8	74.8	2	2.64	22.20	2110	110	3340	NA	34.5	22.50	2280	130	3500	
Black Serpentinite	SPB			143267	74.8	76.8	2	2.63	22.20	2160	120	4370	NA	34.6	22.50	2250	120	4280	
Black Serpentinite	SPB			143268	76.8	78.8	2	2.64	20.80	2040	120	5220	NA	33.7	21.10	2060	120	5870	
Black Serpentinite	SPB			143269	78.8	80.8	2	2.65	21.80	2180	120	4050	NA	34.8	22.10	2190	120	4310	
Black Serpentinite	SPB			143270	80.8	82.8	2	2.65	23.00	2040	110	3380	NA	34.3	22.50	2120	110	3670	
Black Serpentinite	SPB			143271	82.8	84.8	2	2.64	22.90	2250	120	3200	NA	34.3	22.70	2240	110	3040	
Black Serpentinite	SPB			143272	84.8	86.8	2	2.64	23.30	2110	120	2630	NA	34.6	23.20	2160	120	2790	
Black Serpentinite	SPB			143273	86.8	88.8	2	2.65	22.60	2140	120	3090	NA	34.6	22.80	2150	110	3220	
Black Serpentinite	SPB			143274	88.8	90.8	2	2.68	21.80	2030	110	2570	NA	38.1	21.90	2110	110	2710	
Black Serpentinite	SPB			143275	90.8	92.8	2	2.71	22.90	2270	120	2640	NA	35.2	23.30	2320	120	2920	
Black Serpentinite	SPB			143276	92.8	94.8	2	2.69	22.60	2060	120	2850	NA	35.5	23.00	2110	110	2830	
Black Serpentinite	SPB			143277	94.8	96.8	2	2.72	21.10	2100	110	2700	NA	36.7	21.50	2170	110	3040	
Black Serpentinite	SPB			143278	96.8	98.8	2	2.68	21.70	2230	120	2560	NA	33.9	22.20	2200	120	2760	
Black Serpentinite	SPB			143279	98.8	100.8	2	2.7	21.50	2180	110	3410	NA	34.4	21.60	2160	120	3700	
Black Serpentinite	SPB			143280	100.8	102.8	2	2.65	21.00	2160	120	3100	NA	36.1	21.80	2190	120	3390	
Quartz for QAQC	QTZ			143281	QTZ	QTZ	0	0	0.16	20	<10	180	NA	91.5	0.08	10	<10	160	
Black Serpentinite	SPB			143282	102.8	104.8	2	2.64	22.90	2070	120	2320	NA	35.3	22.60	2100	110	2660	
Black Serpentinite	SPB			143283	104.8	106.8	2	2.64	23.40	2170	120	3120	NA	36.8	21.90	2270	120	3420	
Black Serpentinite	SPB			143284	106.8	108.8	2	2.82	20.10	1330	90	1830	NA	34.2	18.50	1340	90	1790	
Black Serpentinite	SPB			143285	108.8	110.8	2	2.78	23.70	2060	110	3090	NA	35.1	22.50	2090	110	3320	
Black Serpentinite	SPB			143286	110.8	112.8	2	2.65	24.80	2060	120	4390	NA	33.3	22.70	2140	120	5010	
Black Serpentinite	SPB			143287	112.8	114.8	2	2.64	23.00	2160	120	2800	NA	33.4	22.50	2120	110	2680	
Black Serpentinite	SPB			143288	114.8	116.8	2	2.68	23.30	2140	120	3760	NA	33.9	22.50	2130	120	3500	

Black Serpentinite	SPB			143289	116.8	118.8	2	2.65	24.30	2150	120	5440	NA	34.3	22.80	2120	120	5850	
Black Serpentinite	SPB			143290	118.8	120.8	2	2.65	22.50	2060	110	2900	NA	35.2	21.90	2070	110	2980	
Black Serpentinite	SPB			143291	120.8	122.8	2	2.65	23.00	2110	110	2940	NA	36.2	21.90	2160	110	3510	
Black Serpentinite	SPB			143292	122.8	124.8	2	2.68	18.80	1700	90	2650	NA	41.3	18.20	1740	90	2820	
Black Serpentinite	SPB			143293	124.8	126.8	2	2.65	20.90	1800	100	1980	NA	38.4	18.90	1880	100	2270	
Black Serpentinite	SPB			143294	126.8	128.8	2	2.68	19.60	1570	90	3240	NA	40.3	18.00	1620	90	3510	
Black Serpentinite	SPB			143295	128.8	130.8	2	2.67	22.00	1940	110	2690	NA	38.8	20.80	1950	100	2760	
Black Serpentinite	SPB			143296	130.8	132.8	2	2.68	22.40	2000	100	2360	NA	37.3	21.60	1990	100	2410	
Black Serpentinite	SPB			143297	132.8	134.8	2	2.64	22.60	2110	120	2590	NA	34.8	22.00	2050	110	2540	
Black Serpentinite	SPB			143298	134.8	136.8	2	2.65	21.90	2030	110	2440	NA	39.6	21.10	2000	100	2580	
Black Serpentinite	SPB			143299	136.8	139.1	2	2.65	21.10	1980	110	2370	NA	41.0	20.20	1980	100	2630	
Black Serpentinite	SPB			143300	139.1	141.1	2	2.8	19.00	1820	100	2440	NA	40.4	18.00	1800	90	2620	
Black Serpentinite	QTZ			143301	QTZ	QTZ	0	0	0.10	10	<10	160	NA	92.0	0.07	10	<10	170	
Black Serpentinite	SPB			143302	141.1	143.1	2	2.81	18.10	1570	90	2400	NA	42.7	17.00	1590	90	2410	
Black Serpentinite	SPB			143303	143.1	145.3	2.2	2.78	17.20	1360	90	1590	NA	38.6	15.80	1320	90	1450	
Black Serpentinite	SPB			143304	145.3	147.3	2	2.8	19.60	1820	100	2950	NA	38.3	19.20	1800	100	3190	
Black Serpentinite	SPB			143305	147.3	149.3	2	2.82	21.00	2130	110	2380	NA	38.0	20.80	2020	100	2560	
Black Serpentinite	SPB			143306	149.3	151.5	2.2	2.83	21.40	1940	100	2450	NA	39.3	20.80	1930	100	2600	
Soapstone	SPN	151.5	153	143307	151.5	153.2	1.7	2.65	15.70	1610	80	2640	NA	43.9	15.10	1630	80	2870	
Diagabbro	DGB	153.2	160	143308	153.2	155.2	2	2.64	3.57	120	20	220	NA	56.3	3.57	120	20	220	
Diagabbro	DGB			143309	155.2	157.2	2	2.63	2.79	20	10	100	NA	58.8	2.79	20	10	100	
Diagabbro	DGB			143310	157.2	159.6	2.4	2.65	3.25	20	10	90	NA	60.5	3.25	20	10	90	
Serpentinized Andesit	SPA	159.6	161	143311	159.6	160.7	1.1	2.68	9.76	1050	70	1750	NA	45.1	9.76	1050	70	1750	
Monzosyenite	MSY	160.7	172	143312	160.7	162.7	2	2.66	1.83	30	20	150	NA	54.4	1.83	30	20	150	
Monzosyenite	MSY			143313	162.7	164.7	2	2.66	1.77	30	20	150	NA	54.0	1.77	30	20	150	
Monzosyenite	MSY			143314	164.7	166.7	2	2.66	1.83	30	20	160	NA	54.4	1.83	30	20	160	
Monzosyenite	MSY			143315	166.7	168.7	2	2.65	1.82	30	20	160	NA	54.4	1.82	30	20	160	
Monzosyenite	MSY			143316	168.7	170.7	2	2.65	2.85	30	20	110	NA	54.0	2.85	30	20	110	
Monzosyenite	MSY			143317	170.7	171.5	0.8	2.65	2.62	40	20	130	NA	53.0	2.62	40	20	130	
Soapstone	SPN	171.5	176	143318	171.5	173.5	2	n/a	11.50	660	80	680	NA	33.0	11.50	660	80	680	
Soapstone	SPN			143319	173.5	175.9	2.4	n/a	12.70	770	60	1080	NA	39.8	12.70	770	60	1080	
						E.O.H													
						175.9													

DDH RRS11-4 Geology and Assay Data Corelation

QA/QcC Check

Rock type	Code	From	To	Sample #	From	To	Length	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)	SiO2(%)	MG%
					(m)	(m)	(m)								
Black Serpentinite	SPB	0	28.9	143320	0.0	2.0	2.0	2.65	24.6	2140	110	2980	17.7	37.9	25.2
Qusrtz for QAQC	QTZ			143321	QTZ	QTZ	0.0	0	0.1	10	<10	180	>25	92.9	
Black Serpentinite	SPB			143322	2.0	4.0	2.0	2.63	24.4	2020	110	2710	17.7	37.8	
Black Serpentinite	SPB			143323	4.0	6.0	2.0	2.65	24.4	2140	120	2700	16.8	35.9	
Black Serpentinite	SPB			143324	6.0	8.0	2.0	2.64	23.3	2080	110	3940	16.6	35.6	
Black Serpentinite	SPB			143325	8.0	10.0	2.0	2.65	22.9	2100	110	3870	16.4	35.1	
Black Serpentinite	SPB			143326	10.0	12.0	2.0	2.63	24.2	2070	110	2480	18.7	39.9	
Black Serpentinite	SPB			143327	12.0	14.0	2.0	2.64	23.5	2090	110	2670	18.8	40.1	
Black Serpentinite	SPB			143328	14.0	16.2	2.2	2.65	20.0	1670	80	2300	21.7	46.5	
Black Serpentinite	SPB			143329	16.2	18.2	2.0	2.65	24.2	2300	110	2900	15.8	33.7	
Black Serpentinite	SPB			143330	18.2	20.2	2.0	2.65	24.7	2120	110	2490	17.6	37.7	
Black Serpentinite	SPB			143331	20.2	22.2	2.0	2.65	23.2	1890	110	2400	15.9	34	
Black Serpentinite	SPB			143332	22.2	24.2	2.0	2.65	22.6	1980	120	5330	15	32.1	
Black Serpentinite	SPB			143333	24.2	26.2	2.0	2.65	23.7	1850	100	2730	15.4	33	
Black Serpentinite	SPB			143334	26.2	28.9	2.0	2.65	22.3	1880	100	2530	16	34.2	
Diagabbro	DGB	28.9	31.6	143335	28.9	31.6	2.7	2.78	5.9	170	50	400	21.9	46.9	
Black Serpentinite	SPB	31.6	152.4	143336	31.6	33.6	2.0	2.68	20.6	2050	110	3390	18.3	39	
Black Serpentinite	SPB			143337	33.6	35.6	2.0	2.65	24.0	2050	110	3130	16.5	35.3	
Black Serpentinite	SPB			143338	35.6	37.6	2.0	2.64	24.2	2190	120	3400	17.5	37.3	
Black Serpentinite	SPB			143339	37.6	39.6	2.0	2.65	24.1	2130	110	3500	16.6	35.6	
Black Serpentinite	SPB			143340	39.6	41.6	2.0	2.64	24.0	2070	120	3150	17.3	36.9	23.5
Qusrtz for QAQC	QTZ			143341	QTZ	QTZ	0.0	0	0.2	20	<10	220	>25	89.1	
Black Serpentinite	SPB			143342	41.6	43.6	2.0	2.64	23.6	2150	110	3220	15.3	32.7	
Black Serpentinite	SPB			143343	43.6	45.6	2.0	2.65	25.2	2190	120	2690	16	34.1	
Black Serpentinite	SPB			143344	45.6	47.6	2.0	2.63	25.4	2450	120	3010	16.3	34.9	
Black Serpentinite	SPB			143345	47.6	49.6	2.0	2.65	25.2	2200	120	2880	17.5	37.3	
Black Serpentinite	SPB			143346	49.6	51.6	2.0	2.63	23.4	2160	120	3490	17.4	37.3	
Black Serpentinite	SPB			143347	51.6	53.6	2.0	2.65	24.3	2170	110	2680	18.4	39.4	

Black Serpentinite	SPB			143348	53.6	55.6	2.0	2.64	24.3	2000	110	2340	17.4	37.2	
Black Serpentinite	SPB			143349	55.6	57.6	2.0	2.65	25.3	2210	110	2490	17.5	37.5	
Black Serpentinite	SPB			143350	57.6	59.6	2.0	2.63	24.7	2260	110	2510	17	36.3	
Black Serpentinite	SPB			143351	59.6	61.6	2.0	2.65	24.8	2080	110	2580	17.1	36.6	
Black Serpentinite	SPB			143352	61.6	63.6	2.0	2.64	25.2	2200	110	2700	17.2	36.7	
Black Serpentinite	SPB			143353	63.6	65.6	2.0	2.65	24.9	2180	110	2610	18.2	39	
Black Serpentinite	SPB			143354	65.6	67.6	2.0	2.63	25.3	2220	120	2250	16.1	34.5	
Black Serpentinite	SPB			143355	67.6	69.6	2.0	2.64	24.5	2170	120	2700	17.4	37.1	
Black Serpentinite	SPB			143356	69.6	71.6	2.0	2.65	24.6	2160	110	2740	15.8	33.8	
Black Serpentinite	SPB			143357	71.6	73.6	2.0	2.64	24.5	2000	110	2540	15.9	34	
Black Serpentinite	SPB			143358	73.6	75.6	2.0	2.63	24.3	2230	110	2750	18.4	39.3	
Black Serpentinite	SPB			143359	75.6	77.6	2.0	2.64	24.8	2220	120	3040	16.1	34.4	
Black Serpentinite	SPB			143360	77.6	79.6	2.0	2.68	23.5	2170	110	3540	15.7	33.6	24.90
Qusrtz for QAQC	QTZ			143361	QTZ	QTZ	0.0	0	0.1	20	<10	40	>25	98.4	
Black Serpentinite	SPB			143362	79.6	81.6	2.0	2.65	23.7	2140	110	4170	16.3	34.9	
Black Serpentinite	SPB			143363	81.6	83.6	2.0	2.65	24.3	1930	110	2880	16.7	35.7	
Black Serpentinite	SPB			143364	83.6	85.6	2.0	2.65	23.4	2140	110	3110	15.9	34.1	
Black Serpentinite	SPB			143365	85.6	87.6	2.0	2.65	24.0	2240	110	3650	16.8	35.9	
Black Serpentinite	SPB			143366	87.6	89.6	2.0	2.64	23.8	2300	120	3590	16.8	35.9	
Black Serpentinite	SPB			143367	89.6	91.6	2.0	2.63	23.6	2290	110	3850	17	36.4	
Black Serpentinite	SPB			143368	91.6	93.6	2.0	2.65	27.5	2390	130	3800	19.1	40.8	
Black Serpentinite	SPB			143369	93.6	95.6	2.0	2.64	26.7	2070	120	3090	16.2	34.7	
Black Serpentinite	SPB			143370	95.6	97.6	2.0	2.65	24.9	2210	110	2840	16.8	35.9	
Black Serpentinite	SPB			143371	97.6	99.6	2.0	2.65	25.0	2100	110	2490	15.3	32.7	
Black Serpentinite	SPB			143372	99.6	101.6	2.0	2.65	25.4	2170	120	2750	16.5	35.3	
Black Serpentinite	SPB			143373	101.6	103.6	2.0	2.67	24.8	2000	110	2640	17.6	37.6	
Black Serpentinite	SPB			143374	103.6	105.6	2.0	2.63	25.1	2180	110	2710	17.5	37.5	
Black Serpentinite	SPB			143375	105.6	107.6	2.0	2.63	24.8	2200	120	3090	16.1	34.5	
Black Serpentinite	SPB			143376	107.6	109.6	2.0	2.63	24.5	2090	120	2810	16.7	35.8	
Black Serpentinite	SPB			143377	109.6	111.6	2.0	2.62	24.9	2210	110	2730	14.1	30.1	
Black Serpentinite	SPB			143378	111.6	113.6	2.0	2.62	23.0	1920	110	2370	18	38.6	
Black Serpentinite	SPB			143379	113.6	115.6	2.0	2.65	23.0	1570	100	2490	17.8	38.1	
Black Serpentinite	SPB			143380	115.6	117.6	2.0	2.63	24.6	2190	110	2710	13.3	28.4	22.00

Qusrtz for QAQC	QTZ			143381	QTZ	QTZ	0.0	0	0.2	20	<10	180	>25	97.3	
Black Serpentinite	SPB			143382	117.6	119.6	2.0	2.63	24.8	2150	110	2540	13.5	28.9	
Black Serpentinite	SPB			143383	119.6	121.6	2.0	2.63	24.5	2210	110	2600	13.7	29.2	
Black Serpentinite	SPB			143384	121.6	123.6	2.0	2.64	25.3	2210	110	2390	16.5	35.3	
Black Serpentinite	SPB			143385	123.6	125.6	2.0	2.64	25.5	2160	110	2900	15.9	33.9	
Black Serpentinite	SPB			143386	125.6	127.6	2.0	2.64	25.1	2000	110	2620	16.6	35.4	
Black Serpentinite	SPB			143387	127.6	129.6	2.0	2.63	25.3	2130	110	2700	13.2	28.2	
Black Serpentinite	SPB			143388	129.6	131.6	2.0	2.63	25.8	2220	110	2740	13.2	28.2	
Black Serpentinite	SPB			143389	131.6	133.6	2.0	2.64	25.8	2060	110	2950	15.9	34	
Black Serpentinite	SPB			143390	133.6	135.6	2.0	2.65	25.0	2220	110	2970	15	32	
Black Serpentinite	SPB			143391	135.6	137.6	2.0	2.65	25.1	2130	110	2830	14.7	31.4	
Black Serpentinite	SPB			143392	137.6	139.6	2.0	2.64	25.0	2250	110	2830	16.2	34.6	
Black Serpentinite	SPB			143393	139.6	141.6	2.0	2.63	26.9	2260	110	2950	17.6	37.6	
Black Serpentinite	SPB			143394	141.6	143.6	2.0	2.64	29.1	2690	130	3600	18	38.4	
Black Serpentinite	SPB			143395	143.6	145.6	2.0	2.64	25.3	2330	120	2730	15.8	33.9	
Black Serpentinite	SPB			143396	145.6	147.6	2.0	2.65	23.3	2100	100	2390	16.9	36.2	
Black Serpentinite	SPB			143397	147.6	149.6	2.0	2.63	23.4	2180	120	3020	16.7	35.7	
Black Serpentinite	SPB			143398	149.6	151.6	2.0	2.65	20.6	1670	90	1980	17.9	38.3	
Black Serpentinite	SPB			143399	151.6	152.4	0.8	2.64	18.9	1610	80	1350	19.3	41.2	
						E.O.H									

DDH RRS 11-5 Geology and Assay Data Correlation

									Re-analyzed (September 14, 2011)						Initial result (July 16, 2011)			
Rock type	**Code**	**From**	**To**	**Sample #**	**From**	**To**	**Length**	***P* (g/cm^3)**	**Mg (%)**	**Ni (g/t)**	**Co (g/t)**	**Cr (g/t)**	Si(%)	SiO2(%)	**Mg (%)**	**Ni (g/t)**	**Co (g/t)**	**Cr (g/t)**
					(m)	(m)	(m)											
SERPENTINITE	SPB	2.1	58.6	143400	2.1	4.1	2	2.65	19.30	1390	90	1900	20.4	43.7	18.30	1540	90	2020
Quartz for QAQC	QTZ			143401	QTZ	QTZ	0	0	0.05	10	<10	200	>25	99.3	$0.03	<10	<10	200
SERPENTINITE	SPB			143402	4.1	6.1	2	2.63	21.40	1780	100	2300	20.8	44.5	19.60	1890	110	2590
SERPENTINITE	SPB			143403	6.1	8.1	2	2.63	21.60	1810	100	2100	19.6	41.9	19.70	1890	110	2160
SERPENTINITE	SPB			143404	8.1	10.1	2	2.63	22.70	2060	120	3140	19.3	41.2	20.90	2180	120	3400
SERPENTINITE	SPB			143405	10.1	12.1	2	2.65	21.60	1770	100	2300	20.2	43.2	20.40	1850	100	2420
SERPENTINITE	SPB			143406	12.1	14.1	2	2.65	21.00	1790	100	2620	20.2	43.1	19.60	1760	100	2750
SERPENTINITE	SPB			143407	14.1	16.1	2	2.65	21.50	1790	100	2290	19.9	42.6	20.20	1920	110	2660
SERPENTINITE	SPB			143408	16.1	18.1	2	2.65	21.70	1840	110	2390	20.6	44.2	20.40	1900	110	2480
SERPENTINITE	SPB			143409	18.1	20.1	2	2.64	20.70	1650	100	2050	20.1	43.0	19.40	1680	100	2220
SERPENTINITE	SPB			143410	20.1	22.1	2	2.65	20.60	1760	100	2130	21	44.8	20.30	1930	100	2520
SERPENTINITE	SPB			134411	22.1	24.1	2	2.63	22.40	1870	110	2300	20.1	42.9	20.90	1900	110	2460
SERPENTINITE	SPB			134412	24.1	26.1	2	2.63	23.80	2020	110	2690	19.7	42.1	22.10	2080	110	2760
SERPENTINITE	SPB			134413	26.1	28.1	2	2.65	21.30	1760	100	2270	19.8	42.4	20.10	1770	100	2350
SERPENTINITE	SPB			134414	28.1	30.1	2	2.64	21.20	1740	100	2270	19.9	42.7	20.00	1750	110	2350
SERPENTINITE	SPB			134415	30.1	32.1	2	2.65	22.50	1990	110	2580	19.9	42.6	20.90	2010	110	2550
SERPENTINITE	SPB			134416	32.1	34.1	2	2.65	21.30	1850	110	2230	19.4	41.4	20.10	1970	110	2470
SERPENTINITE	SPB			134417	34.1	36.1	2	2.64	22.50	1970	110	2470	19.5	41.7	20.80	2090	110	2600
SERPENTINITE	SPB			134418	36.1	38.1	2	2.64	22.30	1990	110	2380	19.5	41.7	20.70	2060	110	2580
SERPENTINITE	SPB			134419	38.1	40.1	2	2.65	18.30	1390	90	2090	20.6	44.1	16.90	1430	90	2190
SERPENTINITE	SPB			134420	40.1	42.1	2	2.65	18.40	1320	80	1870	16.8	35.9	17.40	1370	80	1990
Quartz for QAQC	QTZ			134421	QTZ	QTZ	0	0	0.06	<10	<10	80	>25	95.9	0.10	10	<10	140
SERPENTINITE	SPB			134422	42.1	44.1	2	2.64	22.30	1900	110	2390	19.4	41.5	21.10	1950	100	2430
SERPENTINITE	SPB			134423	44.1	46.1	2	2.64	13.80	970	80	1230	15.7	33.5	13.40	980	80	1240
SERPENTINITE	SPB			134424	46.1	48.1	2	2.63	22.00	2070	110	2530	17.4	37.2	20.80	2120	110	2580
SERPENTINITE	SPB			134425	48.1	50.1	2	2.64	22.40	1580	100	2100	19.1	40.9	20.50	1630	100	2140
SERPENTINITE	SPB			134426	50.1	52.1	2	2.65	23.00	2140	120	3420	19.2	41.0	20.70	2260	120	3670
SERPENTINITE	SPB			134427	52.1	54.1	2	2.65	21.60	1980	120	5410	18.8	40.2	20.60	2080	120	5860
SERPENTINITE	SPB			134428	54.1	56.1	2	2.64	20.40	1690	90	2700	21.8	46.7	19.00	1850	90	2900

SERPENTINITE	SPB			134429	56.1	58.6	2	2.63	20.60	1920	100	2460	19.5	41.7		19.00	2100	100	2620
DIAGABBRO	DGB	58.6	62.2	143430	58.6	60.6	2	2.75	4.38	20	20	30	24.6	52.6		4.23	<10	20	30
DIAGABBRO	DGB			143431	60.6	62.2	1.6	2.76	4.63	10	20	20	>25	54.1		4.57	<10	20	20
SERPENTINITE	SPB	62.2	125.4	143432	62.2	64.2	2	2.65	16.80	570	50	830	14.9	31.9		15.50	550	50	860
SERPENTINITE	SPB			143433	64.2	66.2	2	2.63	16.80	650	50	940	15.5	33.2		15.20	630	60	930
SERPENTINITE	SPB			143434	66.2	68.2	2	2.63	20.00	1200	70	1540	16.5	35.3		18.10	1220	70	1540
SERPENTINITE	SPB			143435	68.2	70.2	2	2.64	23.30	1890	100	2570	19.2	41.1		21.70	1970	100	2390
SERPENTINITE	SPB			143436	70.2	72.2	2	2.65	23.80	2100	110	2590	19.3	41.2		21.90	2150	110	2850
SERPENTINITE	SPB			143437	72.2	74.2	2	2.65	24.10	1970	100	2530	18.9	40.4		21.80	2110	100	2620
SERPENTINITE	SPB			143438	74.2	76.2	2	2.64	22.80	2030	110	2370	18.6	39.8		21.40	2140	100	2450
SERPENTINITE	SPB			143439	76.2	78.2	2	2.63	22.00	1920	100	2410	18.4	39.3		21.00	2070	110	2920
SERPENTINITE	SPB			143440	78.2	80.2	2	2.64	23.60	2040	110	2640	17.5	37.4		21.70	2190	110	2690
Quartz for QAQC	QTZ			143441	QTZ	QTZ	0	0	0.13	20	<10	180	>25	92.9		0.11	10	<10	180
SERPENTINITE	SPB			143442	80.2	82.2	2	2.65	24.30	2070	110	2790	16	34.3		22.10	2100	110	2790
SERPENTINITE	SPB			143443	82.2	84.2	2	2.65	22.70	2210	120	4750	15.7	33.5		22.30	2280	120	4960
SERPENTINITE	SPB			143444	84.2	86.2	2	2.64	23.20	1890	110	2990	17.5	37.5		21.40	1960	110	3210
SERPENTINITE	SPB			143445	86.2	88.2	2	2.63	24.20	2290	120	3090	15.4	33.0		22.40	2310	120	3160
SERPENTINITE	SPB			143446	88.2	90.2	2	2.65	24.20	2100	110	2850	16.9	36.1		21.90	2190	110	2820
SERPENTINITE	SPB			143447	90.2	92.2	2	2.64	23.20	2220	120	3740	16.1	34.5		22.10	2300	120	3860
SERPENTINITE	SPB			143448	92.2	94.2	2	2.65	24.70	2010	110	2790	16.7	35.7		22.20	2160	110	2810
SERPENTINITE	SPB			143449	94.2	96.2	2	2.63	23.50	2170	110	4520	15.9	34.0		22.50	2160	110	4820
SERPENTINITE	SPB			143450	96.2	98.2	2	2.64	23.30	2110	120	4410	15.6	33.4		22.60	2250	120	4790
SERPENTINITE	SPB			143451	98.2	100.2	2	2.64	24.70	2180	110	2620	17.8	38.0		22.40	2240	110	2930
SERPENTINITE	SPB			143452	100.2	102.2	2	2.63	25.10	1960	110	2890	16.7	35.8		22.70	2130	120	3070
SERPENTINITE	SPB			143453	102.2	104.2	2	2.62	25.30	2160	110	2850	16.3	34.8		22.80	2340	110	3010
SERPENTINITE	SPB			143454	104.2	106.2	2	2.64	25.20	2150	110	2600	17.1	36.6		23.00	2140	110	2880
SERPENTINITE	SPB			143455	106.2	108.2	2	2.63	25.70	2080	110	2760	17.8	38.0		23.40	2150	110	2760
SERPENTINITE	SPB			143456	108.2	110.2	2	2.635	26.40	2200	110	2770	17.5	37.4		23.60	2250	120	2850
SERPENTINITE	SPB			143457	110.2	112.2	2	2.64	26.40	2230	110	3140	16.9	36.1		23.80	2310	120	3250
SERPENTINITE	SPB			143458	112.2	114.2	2	2.65	24.80	2220	110	3590	17.4	37.2		23.90	2330	120	3750
SERPENTINITE	SPB			143459	114.2	116.2	2	2.61	25.80	2060	110	2740	17.1	36.6		23.30	2170	110	2890
SERPENTINITE	SPB			143460	116.2	120.2	2	2.64	25.10	2190	110	2520	16.9	36.2		22.50	2240	110	2450
Quartz for QAQC	QTZ			143461	QTZ	QTZ	0	0	0.16	30	<10	190	>25	92.0		0.09	10	<10	170

SERPENTINITE	SPB			143462	118.2	120.2	2	2.65	24.20	1960	110	2290	17.6	37.7		21.90	2130	110	2450
SERPENTINITE	SPB			143463	120.2	122.2	2	2.63	23.70	2100	110	2390	16.9	36.1		21.40	2110	110	2430
SERPENTINITE	SPB			143464	122.2	124.2	2	2.64	18.80	1250	90	1800	16.6	35.5		16.60	1400	90	1860
SERPENTINITE	SPB			143465	124.2	125.4	1.2	2.65	18.00	990	70	1390	18.8	40.1		16.00	1070	70	1510
SERPENTINE(soapstone)	SPN	125.4	128.4	143466	125.4	126.9	1.5	2.78	17.50	920	70	1170	19.2	41.0		15.60	950	70	1320
SERPENTINE(soapstone)	SPN			143467	126.9	128.4	1.5	2.78	17.30	990	80	1400	19.1	40.8		15.30	1000	70	1530
Brecciated green serpentinite	SPG	128.4	130.4	143468	128.4	130.4	2	2.65	16.70	960	80	1330	19.4	41.5		14.80	960	70	1340
Brecciated green serpentinite	SPG			143469	130.4	132.4	2	2.65	16.60	1050	80	1720	20.2	43.1		15.30	1070	80	1750
Brecciated green serpentinite	SPG			143470	132.4	134.4	2	2.65	15.10	900	70	1250	20.2	43.3		14.30	960	80	1390
Brecciated green serpentinite	SPG			143471	134.4	136.0	1.6	2.64	15.20	990	70	1510	20.6	44.1		14.20	1090	70	1780
DIAGABBRO	DGB	130.4	140	143472	136.0	138.0	2	2.78	2.53	70	40	180	>25	55.9		2.35	60	40	190
DIAGABBRO	DGB			143473	138.0	140.0	2	2.76	2.83	70	40	150	>25	57.2		2.49	70	40	140
Mikxed Soapstone and SPG	SPN	140	152.4	143474	140.0	142.0	2	2.64	17.70	920	70	1220	17.8	38.1		15.60	990	70	1310
Mikxed Soapstone and SPG	SPN			143475	142.0	144.0	2	2.65	17.90	1630	90	2280	21	45.0		16.30	1670	90	2470
Mikxed Soapstone and SPG	SPN			143476	144.0	146.0	2	2.63	13.70	870	60	1180	19.7	42.0		12.60	900	60	1240
Mikxed Soapstone and SPG	SPN			143477	146.0	148.0	2	2.65	8.89	610	40	840	>25	54.3		8.34	590	40	880
Mikxed Soapstone and SPG	SPN			143478	148.0	150.0	2	2.65	13.80	1000	70	1420	20.9	44.8		13.10	1040	70	1480
Mikxed Soapstone and SPG	SPN			143479	150.0	152.4	2.4	2.65	13.50	1190	70	1550	20.6	44.0		12.60	1240	70	1650
						EOH													

DDH RRS11-6 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si(%)	Si O_2(%)
Faulted Serpentinite	FLT/SPB	5.2	8.4	143480	5.2	6.8	1.6	N/A	12.80	790	60	970	24.2	51.8
Quartz for QAQC	QTZ			143481	QTZ	QTZ	0	N/A	0.04	<10	<10	30	>25	100.4
Faulted Serpentinite	FLT/SPB			143482	6.8	8.4	1.6	N/A	18.60	1670	90	1920	20.1	43.0
Serpentinite	SPB	8.4	13.5	143483	8.4	10.4	2	2.78	21.60	2000	100	2150	19.2	41.2
Serpentinite	SPB			143484	10.4	12.4	2	2.8	21.00	2070	100	2540	20.6	44.0
Serpentinite	SPB			143485	12.4	13.5	1.1	2.78	18.20	1600	90	2230	23	49.3
Sheared Serpentinite	SPB	13.5	18.3	143486	13.5	15.5	2	2.68	12.40	1030	70	1240	23.9	51.1
Sheared Serpentinite	SPB			143487	15.5	17.5	2	2.68	5.05	30	40	30	24.9	53.2
Sheared Serpentinite	SPB			143488	17.5	18.3	0.8	2.68	16.30	740	60	1080	15.9	34.0
Sheared Serpentinite	SPB	18.3	23.1	143489	18.3	20.3	2	2.68	21.10	2550	130	3330	20.6	44.0
Sheared Serpentinite	SPB			143490	20.3	23.1	2.8	2.68	22.70	2030	110	2830	20.1	43.0
Diagabbro	DGB	23.1	28.2	143491	23.1	25.1	2	2.78	8.49	180	40	200	20.6	44.2
Diagabbro	DGB			143492	25.1	27.1	2	2.78	4.79	40	40	60	22.2	47.5
Diagabbro	DGB			143493	27.1	28.2	1.1	2.77	7.71	40	40	40	19.6	42.0
Serpentinite	SPB	28.2	31.4	143494	28.2	29.8	1.6	2.63	22.10	2040	100	2750	19.5	41.6
Serpentinite	SPB			143495	29.8	31.4	1.6	2.65	21.00	1900	100	4570	18.3	39.2
Serpentinit ewith soapstone	SPB/SPN	31.4	32.1	143496	31.4	32.1	0.7	2.65	20.90	1640	80	2160	22.9	49.0
Serpentinite	SPB	32.1	33.5	143497	32.1	33.5	1.4	2.65	20.60	2060	100	2850	19.6	41.8
Serpentinit ewith soapstone	SPB/SPN	33.5	35.9	143498	33.5	35.9	2.4	2.66	14.50	1000	60	1580	24.8	53.0
Serpentinite	SPB	35.9	69.6	143499	35.9	37.9	2	2.64	22.80	1470	90	1670	18	38.6
Serpentinite	SPB			143500	37.9	39.9	2	2.63	22.70	2080	120	5730	18	38.5
Quartz for QAQC	QTZ			143501	QTZ	QTZ	0	0	0.16	20	<10	40	>25	99.3
Black serpentinite	SPB			143502	39.9	41.9	2	2.65	23.70	2130	110	3010	16.5	35.3
Black serpentinite	SPB			143503	41.9	43.9	2	2.65	25.00	2150	110	2670	16.1	34.4
Black serpentinite	SPB			143504	43.9	45.9	2	2.64	25.70	2180	110	2340	16.3	34.8
Black serpentinite	SPB			143505	45.9	47.9	2	2.65	23.50	2220	110	3380	16.7	35.7

Black serpentinite	SPB			143506	47.9	49.9	2	2.63	25.30	2030	110	2270	16.9	36.3
Black serpentinite	SPB			143507	49.9	51.9	2	2.65	25.30	2010	100	2630	17	36.4
Black serpentinite	SPB			143508	51.9	53.9	2	2.65	24.40	2110	110	2580	17.5	37.4
Black serpentinite	SPB			143509	53.9	55.9	2	2.65	23.10	2180	110	2730	18.3	39.2
Black serpentinite	SPB			143510	55.9	57.9	2	2.64	24.90	2060	100	2280	18	38.4
Black serpentinite	SPB			143511	57.9	59.9	2	2.65	22.00	2080	110	3280	16.8	36.0
Black serpentinite	SPB			143512	59.9	61.9	2	2.65	23.90	2130	110	3550	15.8	33.8
Black serpentinite	SPB			143513	61.9	63.9	2	2.65	23.20	2200	110	2700	16.4	35.1
Black serpentinite	SPB			143514	63.9	65.9	2	2.65	24.50	2050	110	3530	15.3	32.8
Black serpentinite	SPB			143515	65.9	67.9	2	2.64	25.10	2080	120	2920	16.9	36.1
Black serpentinite	SPB			143516	67.9	69.6	1.7	2.65	25.20	2120	110	2740	17	36.3
Black serpentinite	SPB	69.6	70.9	143517	69.6	70.9	1.3	2.51	23.40	2090	120	3330	15.1	32.2
Black serpentinite	SPB	70.9	72.3	143518	70.9	72.3	1.4	2.53	24.50	2350	130	2850	15.8	33.8
Black serpentinite	SPB	72.3	78.3	143519	72.3	74.3	2	2.50	23.90	2380	120	4410	16.6	35.4
Black serpentinite	SPB			143520	74.3	76.3	2	2.50	22.70	2190	120	3660	17.5	37.5
Quartz for QAQC	QTZ			143521	QTZ	QTZ	0	N/A	0.06	10	<10	30	>25	100.1
Black serpentinite	SPB			143522	76.3	78.3	2	2.50	25.20	2280	120	2410	16.3	34.8
Serpentinit ewith soapstone	SPB/SPN	78.3	79.0	143523	78.3	79.0	0.7	2.55	21.30	1920	100	2210	21.8	46.6
Serpentinit ewith soapstone	SPB/SPN	79.0	82.4	143524	79.0	80.7	1.7	2.55	23.20	2230	120	3320	18	38.5
Serpentinit ewith soapstone	SPB/SPN			143525	80.7	82.4	1.7	2.55	25.70	2130	120	2840	17.2	36.7
Faulted Serpentinite	FLT/SPB	82.4	82.7	143526	82.4	82.7	0.3	2.51	13.80	510	50	540	18.4	39.4
Black serpentinite	SPB	82.7	87.5	143527	82.7	84.7	2	2.55	25.20	2280	120	3040	16	34.1
Black serpentinite	SPB			143528	84.7	86.7	2	2.55	23.80	2200	110	3050	16.9	36.1
Black serpentinite	SPB			143529	86.7	87.5	0.8	2.55	26.10	2360	120	2530	15.7	33.6
Black serpentinite	SPB	87.5	88.8	143530	87.5	88.8	1.3	2.51	23.20	2010	110	2300	17.8	38.2
Black serpentinite	SPB	88.8	120	143531	88.8	90.8	2	2.64	24.90	2190	110	2960	17.2	36.8
Black serpentinite	SPB			143532	90.8	92.8	2	2.64	23.60	2310	120	3350	16.9	36.2
Black serpentinite	SPB			143533	92.8	94.8	2	2.64	24.50	1920	110	2470	17.5	37.4
Black serpentinite	SPB			143534	94.8	96.8	2	2.63	24.20	2080	110	2740	17.3	36.9
Black serpentinite	SPB			143535	96.8	98.8	2	2.64	24.30	2390	120	3220	16.4	35.1

Black serpentinite	SPB			143536	98.8	100.8	2	2.65	23.60	2180	120	3210	17.2	36.7
Black serpentinite	SPB			143537	100.8	102.8	2	2.63	24.00	2080	100	2070	16.3	34.8
Black serpentinite	SPB			143538	102.8	104.8	2	2.62	25.00	2120	110	2540	16.9	36.1
Black serpentinite	SPB			143539	104.8	106.8	2	2.64	24.40	2210	110	3150	17.1	36.6
Black serpentinite	SPB			143540	106.8	108.8	2	2.63	24.90	2110	120	2790	16.9	36.2
Black serpentinite	QTZ			143541	QTZ	QTZ	0	N/A	0.06	10	<10	30	>25	96.2
Black serpentinite	SPB			143542	108.8	110.8	2	2.62	22.90	2200	120	3020	17.8	38.0
Black serpentinite	SPB			143543	110.8	112.8	2	2.65	23.10	2130	110	3390	18	38.5
Black serpentinite	SPB			143544	112.8	114.8	2	2.63	24.90	2200	120	2920	17.2	36.8
Black serpentinite	SPB			143545	114.8	116.8	2	2.64	25.10	2110	120	2600	16.7	35.7
Black serpentinite	SPB			143546	116.8	118.8	2	2.65	25.00	2160	110	2430	16.9	36.1
Black serpentinite	SPB			143547	118.8	120.0	1.2	2.64	23.30	2180	120	3310	17.3	36.9
Dark green serpentinite	SPB	120	122	143548	120.0	121.8	1.2	2.65	20.10	1690	80	2060	21.9	46.8
Black serpentinite	SPB	122	135	143549	121.8	123.8	2	2.65	23.40	2320	120	2860	18.2	38.9
Black serpentinite	SPB			143550	123.8	125.8	2	2.65	22.60	2200	120	2760	17.3	37.0
Black serpentinite	SPB			143551	125.8	127.8	2	2.63	24.50	2250	120	2860	17.2	36.8
Black serpentinite	SPB			143552	127.8	129.8	2	2.65	24.20	2070	110	2880	17.5	37.4
Black serpentinite	SPB			143553	129.8	131.8	2	2.65	23.10	2210	120	2950	16.5	35.4
Black serpentinite	SPB			143554	131.8	133.8	2	2.63	24.00	2070	110	2870	18.2	38.9
Black serpentinite	SPB			143555	133.8	134.5	0.7	2.64	22.00	2100	110	2860	19.3	41.3
Black serpentinite	SPB			143556	134.5	136.0	1.5	n/a	18.80	1620	90	2070	20.5	43.9
Black serpentinite	SPB			143557	136.0	137.4	1.4	n/a	19.00	1920	110	2960	21	44.9
Faulted serpentinite	FLT/SPB	137	144	143558	137.4	139.4	2	n/a	17.80	1490	70	2030	22.5	48.0
Faulted serpentinite	FLT/SPB			143559	139.4	141.4	2	n/a	15.80	1130	50	1620	19.9	42.6
Faulted serpentinite	FLT/SPB			143560	141.4	143.9	2.5	n/a	21.00	1900	100	2360	17.1	36.6
Quartz for QAQC	QTZ			143561	QTZ	QTZ	0	N/A	0.14	20	<10	210	>25	90.3
						EOH								
						143.9								

DDH RRS 11-7 Geology and Assay Data Correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)	SiO2(%	Qa/QC Check Mg %
Fragmented Black Serpentinite	SPB	0.6	5.5	143562	0.6	2.5	1.5	n/a	25.70	2350	120	3950	17.0	36.3	
Fragmented Black Serpentinite	SPB			143563	2.5	5.5	1.4	n/a	25.90	2240	110	2860	17.1	36.5	
Serpentinite, weakly listwanized	SPB	5.5	29.5	143564	5.5	7.5	2	2.68	25.50	2090	110	2560	18.0	38.5	
Serpentinite, weakly listwanized	SPB			143565	7.5	9.5	2	2.68	23.70	2350	120	2810	18.3	39.2	
Serpentinite, weakly listwanized	SPB			143566	9.5	11.5	2	2.67	24.40	2210	120	4170	17.8	38.1	
Serpentinite, weakly listwanized	SPB			143567	11.5	13.5	2	2.68	25.40	2310	120	2800	16.3	34.9	
Serpentinite, weakly listwanized	SPB			143568	13.5	15.5	2	2.67	26.20	2100	120	2390	15.7	33.6	
Serpentinite, weakly listwanized	SPB			143569	15.5	17.5	2	2.69	25.50	2170	120	3180	17.3	36.9	
Serpentinite, weakly listwanized	SPB			143570	17.5	19.5	2	2.68	23.00	2130	120	4330	19.0	40.6	
Serpentinite, weakly listwanized	SPB			143571	19.5	21.5	2	2.64	25.60	2140	110	3190	16.6	35.5	
Serpentinite, weakly listwanized	SPB			143572	21.5	23.5	2	2.68	24.70	2160	120	3560	17.4	37.2	
Serpentinite, weakly listwanized	SPB			143573	23.5	25.5	2	2.65	25.00	2100	120	2570	17.7	37.8	
Serpentinite, weakly listwanized	SPB			143574	25.5	27.5	2	2.68	25.10	2250	110	3260	15.4	33.0	
Serpentinite, weakly listwanized	SPB			143575	27.5	29.5	2	2.68	25.40	2090	110	2470	18.4	39.3	
Black Serpentinite	SPB	29.5	52.2	143576	29.5	31.5	2	2.67	25.70	2200	110	2740	17.8	38.0	
Black Serpentinite	SPB			143577	31.5	33.5	2	2.65	25.00	2070	110	3180	17.0	36.3	
Black Serpentinite	SPB			143578	33.5	35.5	2	2.68	24.10	2020	110	2530	15.1	32.4	
Black Serpentinite	SPB			143579	35.5	37.5	2	2.65	25.80	2230	120	2560	17.3	36.9	
Black Serpentinite	SPB			143580	37.5	39.5	2	2.64	24.80	2100	110	2110	16.5	35.2	25.5
Quartz for QAQC	QTZ			143581	QTZ	QTZ	0	NA	0.10	10	<10	40	>25	103.2	
Black Serpentinite	SPB			143582	39.5	41.5	2	2.65	23.10	1980	100	2370	17.3	36.9	
Black Serpentinite	SPB			143583	41.5	43.5	2	2.64	23.50	1900	100	2510	18.5	39.5	
Black Serpentinite	SPB			143584	43.5	45.5	2	2.65	25.80	2330	120	2880	18.0	38.5	
Black Serpentinite	SPB			143585	45.5	47.5	2	2.63	26.00	2190	110	2680	18.2	39.0	
Black Serpentinite	SPB			143586	47.5	49.5	2	2.64	25.40	2290	110	2580	15.6	33.3	
Black Serpentinite	SPB			143587	49.5	52.2	2	2.65	22.50	1970	100	2780	18.6	39.8	
Black Serpentinite	SPB			143588	52.2	54.6	2.4	2.66	11.70	700	60	970	23.5	50.3	
Basaltic andesite to Diagabbro	DGB/AND	54.6	66.4	143589	54.6	56.6	2	2.68	6.13	210	40	240	23.9	51.1	

Basaltic andesite to Diagabbro	DGB/AND			143590	56.6	58.6	2	2.68	5.66	300	40	340	24.6	52.6		
Basaltic andesite to Diagabbro	DGB/AND			143591	58.6	60.6	2	2.68	4.38	140	30	180	24.4	52.2		
Basaltic andesite to Diagabbro	DGB/AND			143592	60.6	62.6	2	2.68	6.24	160	40	140	21.6	46.1		
Basaltic andesite to Diagabbro	DGB/AND			143593	62.6	64.6	2	2.69	6.27	130	40	110	19.1	40.9		
Basaltic andesite to Diagabbro	DGB/AND			143594	64.6	66.4	1.8	2.67	7.05	220	50	400	19.1	40.8		
Faulted Serpentinite	FLT/SPB	66.4	67.6	143595	66.4	67.6	1.2	N/A	14.30	850	50	1000	21.3	45.6		
Faulted Serpentinite	FLT/SPB	67.2	72	143596	67.6	69.6	2	2.68	20.90	2050	100	2360	17.4	37.2		
Faulted Serpentinite	FLT/SPB			143597	69.6	72.0	1.4	2.67	14.60	1410	100	1620	19.5	41.6		
Basaltic andesite to Diagabbro	DGB/AND	72.0	76.7	143598	72.0	74.4	2.4	2.68	5.01	50	40	80	23.5	50.2		
Basaltic andesite to Diagabbro	DGB/AND			143599	74.4	76.7	2.3	2.68	5.66	50	40	130	22.8	48.8		
SPG contaminated by DGB	SPA	76.7	78.7	143600	76.7	78.7	2	2.65	10.30	150	40	100	19.8	42.3	9.4	
SPG contaminated by DGB	QTZ			143601	QTZ	QTZ	0	NA	0.04	10	<10	20	>25	94.8		
Dark green serpentinite contaminated	SPB	78.7	152.4	143602	78.7	80.7	2	2.64	18.30	50	50	100	14.1	30.2		
Black Serpentinite	SPB			143603	80.7	82.7	2	2.62	23.10	1180	90	1990	17.4	37.2		
Black Serpentinite	SPB			143604	82.7	84.7	2	2.63	27.10	2110	130	2760	18.5	39.5		
Black Serpentinite	SPB			143605	84.7	86.7	2	2.64	27.80	2280	130	2970	18.4	39.4		
Black Serpentinite	SPB			143606	86.7	88.7	2	2.65	26.60	2170	120	2800	16.2	34.6		
Black Serpentinite	SPB			143607	88.7	90.7	2	2.63	28.20	2240	130	3400	16.9	36.2		
Black Serpentinite	SPB			143608	90.7	92.7	2	2.65	27.90	2190	120	2920	17.5	37.5		
Black Serpentinite	SPB			143609	92.7	94.7	2	2.65	28.10	2300	130	3020	14.0	29.9		
Black Serpentinite	SPB			143610	94.7	96.7	2	2.64	25.70	2070	110	2930	18.6	39.9		
Black Serpentinite	SPB			143611	96.7	98.7	2	2.63	26.70	2200	120	3030	17.5	37.3		
Black Serpentinite	SPB			143612	98.7	100.7	2	2.65	26.00	2020	120	2950	18.6	39.8		
Black Serpentinite	SPB			143613	100.7	102.7	2	2.64	25.80	2190	120	2820	19.1	40.8		
Black Serpentinite	SPB			143614	102.7	104.7	2	2.63	26.10	2030	110	2710	19.6	42.0		
Black Serpentinite	SPB			143615	104.7	106.7	2	2.65	26.10	2170	120	3020	19.6	41.8		
Black Serpentinite	SPB			143616	106.7	108.7	2	2.58	26.30	2140	110	2970	18.9	40.4		
Black Serpentinite	SPB			143617	108.7	110.7	2	2.64	24.80	2020	120	2630	18.4	39.3		
Black Serpentinite	SPB			143618	110.7	112.7	2	2.63	26.40	2090	110	3150	19.2	41.0		
Black Serpentinite	SPB			143619	112.7	114.7	2	2.68	25.80	2070	110	2860	19.4	41.5		
Black Serpentinite	SPB			143620	114.7	116.7	2	2.65	25.10	2060	110	2720	18.7	39.9	25.9	
Quartz for QAQC	QTZ			143621	QTZ	QTZ	0	NA	0.09	10	<10	30	>25	104.0		

Black Serpentinite	SPB			143622	116.7	118.7	2	2.65	23.70	1900	100	2060	18.5	39.5		
Black Serpentinite	SPB			143623	118.7	120.7	2	2.65	25.70	2060	120	2500	19.1	40.8		
Black Serpentinite	SPB			143624	120.7	122.7	2	2.64	24.90	2140	110	3130	16.3	35.0		
Black Serpentinite	SPB			163625	122.7	124.7	2	2.64	24.30	2070	120	2890	18.0	38.5		
Black Serpentinite	SPB			143626	124.7	126.7	2	2.63	25.00	1980	110	2990	17.7	37.8		
Black Serpentinite	SPB			143627	126.7	128.7	2	2.63	26.80	2260	120	2860	15.3	32.8		
Black Serpentinite	SPB			143628	128.7	130.7	2	2.64	27.00	2240	120	2680	18.3	39.1		
Black Serpentinite	SPB			143629	130.7	132.7	2	2.63	27.20	2180	130	2950	18.2	39.0		
Black Serpentinite	SPB			143630	132.7	134.7	2	2.64	27.40	2170	110	2480	18.3	39.1		
Black Serpentinite	SPB			143631	134.7	136.7	2	2.65	26.80	2250	120	3430	17.0	36.4		
Black Serpentinite	SPB			143632	136.7	138.7	2	2.63	27.20	2250	130	2550	15.5	33.2		
Black Serpentinite	SPB			143633	138.7	140.7	2	2.64	26.90	2170	130	3730	17.7	37.9		
Black Serpentinite	SPB			143634	140.7	142.7	2	2.65	26.30	2260	130	3500	17.6	37.6		
Black Serpentinite	SPB			143635	142.7	144.7	2	2.65	26.40	2360	120	2210	17.2	36.7		
Black Serpentinite	SPB			143636	144.7	146.7	2	2.63	27.40	2290	120	2530	17.6	37.6		
Black Serpentinite	SPB			143637	146.7	148.7	2	2.63	26.90	2250	120	2680	18.1	38.8		
Black Serpentinite	SPB			143638	148.7	150.7	2	2.64	27.50	2320	120	2750	18.3	39.2		
Black Serpentinite	SPB			143639	150.7	152.4	1.7	2.64	27.00	2420	130	2900	16.8	35.9		
						EOH										
						152.4										

DDH RRS11-8 Geology and Assay Data Correlation

Rock type	Code	From	To	Sample #	From	To	Length	P (g/cm³)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)	SiO2(%)	QA/QcC Check MG%
					(m)	(m)	(m)								
Dk green to black Serpentinite	SPB	0.6	3.5	143640	0.6	2.1	1.5	2.78	24.00	2210	120	3610	20.1	42.9	25.2
Quartz for QAQC	QTZ			143641	QTZ	QTZ	0	N/A	0.11	20	<10	200	>25	93.7	
Dk green to black Serpentinite	SPB			143642	2.1	3.5	1.4	2.76	24.90	2330	120	3210	18.5	39.6	
Black Serpentinite	SPB	3.5	102.6	143643	3.5	5.5	2	2.63	26.30	2050	110	2760	18.8	40.3	
Black Serpentinite	SPB			143644	5.5	7.5	2	2.62	24.70	2250	120	4010	16.5	35.3	
Black Serpentinite	SPB			143645	7.5	9.5	2	2.62	25.40	2530	120	3240	17.3	36.9	
Black Serpentinite	SPB			143646	9.5	11.5	2	2.63	25.20	2150	120	3100	18.2	39	
Black Serpentinite	SPB			143647	11.5	13.5	2	2.64	26.60	2320	120	3100	17.9	38.3	
Black Serpentinite	SPB			143648	13.5	15.5	2	2.62	24.60	2150	120	3280	14	29.9	
Black Serpentinite	SPB			143649	15.5	17.5	2	2.62	24.70	2140	120	5170	16	34.2	
Black Serpentinite	SPB			143650	17.5	19.5	2	2.63	25.70	2100	110	2830	17.7	37.9	
Black Serpentinite	SPB			143651	19.5	21.5	2	2.63	24.60	2010	110	2720	18	38.6	
Black Serpentinite	SPB			143652	21.5	23.5	2	2.62	23.60	1750	100	2310	17.2	36.9	
Black Serpentinite	SPB			143653	23.5	25.5	2	2.64	25.10	2090	110	2470	17.8	38.1	
Black Serpentinite	SPB			143654	25.5	27.5	2	2.64	24.10	2190	120	3080	16.8	35.9	
Black Serpentinite	SPB			143655	27.5	29.5	2	2.63	23.80	1890	110	2480	17.8	38	
Black Serpentinite	SPB			143656	29.5	31.5	2	2.62	23.90	2040	110	2450	18.1	38.6	
Black Serpentinite	SPB			143657	31.5	33.5	2	2.63	24.30	1950	100	2900	18.2	39	
Black Serpentinite	SPB			143658	33.5	35.5	2	2.64	24.60	2080	110	2650	16.8	35.8	
Black Serpentinite	SPB			143659	35.5	37.5	2	2.62	28.80	2510	130	3220	20.3	43.5	
Black Serpentinite	SPB			143660	37.5	39.5	2	2.63	24.90	2000	110	2330	18.9	40.4	23.5
Quartz for QAQC	QTZ			143661	QTZ	QTZ	0	N/A	0.14	20	<10	200	>25	99.2	
Black Serpentinite	SPB			143662	39.5	41.5	2	2.63	24.60	2130	110	2890	18	38.6	
Black Serpentinite	SPB			143663	41.5	43.5	2	2.62	24.30	2110	110	2610	16.6	35.5	
Black Serpentinite	SPB			143664	43.5	45.5	2	2.64	22.60	2120	110	2990	17.6	37.5	
Black Serpentinite	SPB			143665	45.5	47.5	2	2.63	21.90	1550	80	2020	19.9	42.6	
Black Serpentinite	SPB			143666	47.5	49.5	2	2.63	24.60	2030	110	2320	16.1	34.4	
Black Serpentinite	SPB			143667	49.5	51.5	2	2.64	23.80	2070	110	2420	17	36.4	
Black Serpentinite	SPB			143668	51.5	53.5	2	2.63	24.20	2090	110	2710	17.9	38.3	

Black Serpentinite	SPB			143669	53.5	55.5	2	2.62	22.40	2140	110	3040	16.8	36	
Black Serpentinite	SPB			143670	55.5	57.5	2	2.64	23.50	2010	100	2220	18.9	40.5	
Black Serpentinite	SPB			143671	57.5	59.5	2	2.63	24.50	2030	110	3210	17.6	37.6	
Black Serpentinite	SPB			143672	59.5	61.5	2	2.62	25.70	2080	110	2570	17.2	36.7	
Black Serpentinite	SPB			143673	61.5	63.5	2	2.63	24.20	2070	110	3060	15.8	33.8	
Black Serpentinite	SPB			143674	63.5	65.5	2	2.63	24.40	2330	120	5000	16.6	35.5	
Black Serpentinite	SPB			143675	65.5	67.5	2	2.63	24.70	2250	120	3640	17.3	37	
Black Serpentinite	SPB			143676	67.5	69.5	2	2.63	25.40	2200	110	3690	16.3	34.9	
Black Serpentinite	SPB			143677	69.5	71.5	2	2.62	24.90	2100	110	2390	17.5	37.5	
Black Serpentinite	SPB			143678	71.5	73.5	2	2.64	24.80	2210	120	2930	17.3	37.1	
Black Serpentinite	SPB			143679	73.5	75.5	2	2.62	25.80	2220	120	2870	16.9	36.2	
Black Serpentinite	SPB			143680	75.5	77.5	2	2.63	23.70	2190	110	2930	16.2	34.6	24.90
Quartz for QAQC	QTZ			143681	QTZ	QTZ	0	N/A	0.15	20	<10	170	>25	99.8	
Black Serpentinite	SPB			143682	77.5	79.5	2	2.64	24.30	2040	110	2620	14.9	31.8	
Black Serpentinite	SPB			143683	79.5	81.5	2	2.64	22.90	1760	100	2340	19.1	40.9	
Black Serpentinite	SPB			143684	81.5	83.5	2	2.63	21.60	1680	100	2270	16.2	34.7	
Black Serpentinite	SPB			143685	83.5	85.5	2	2.63	24.20	2020	110	2800	14.7	31.5	
Black Serpentinite	SPB			143686	85.5	87.5	2	2.64	24.60	2170	110	3060	17	36.3	
Black Serpentinite	SPB			143687	87.5	89.5	2	2.63	24.60	2180	110	2280	16.4	35	
Black Serpentinite	SPB			143688	89.5	91.5	2	2.64	25.30	2080	110	2980	14.9	31.8	
Black Serpentinite	SPB			143689	91.5	93.5	2	2.62	24.50	2030	110	2510	17.3	36.9	
Black Serpentinite	SPB			143690	93.5	95.5	2	2.62	23.90	2020	110	2570	15.6	33.4	
Black Serpentinite	SPB			143691	95.5	97.5	2	2.63	22.60	1840	100	2880	19.7	42.2	
Black Serpentinite	SPB			143692	97.5	99.5	2	2.63	22.30	1960	110	3340	19.7	42.1	
Black Serpentinite	SPB			143693	99.5	101.5	2	2.63	22.40	1970	100	2520	18.7	40	
Black Serpentinite	SPB			143694	101.5	102.6	2	2.62	20.70	1830	100	2200	20.9	44.8	
Fragmented green black serkpentinite	SPB	103	106.4	143695	102.6	106.6	2	2.65	17.30	1330	80	2310	20.5	43.8	
Black Serpentinite	SPB			143696	104.6	106.4	1.8	2.65	18.10	1290	80	1630	18.9	40.4	
Black Serpentinite	SPB	106.4	152.4	143697	106.4	108.4	2	2.63	21.20	1990	100	2680	17.8	38.2	
Black Serpentinite	SPB			143698	108.4	110.4	2	2.64	23.20	2090	110	2590	17.3	36.9	
Black Serpentinite	SPB			143699	110.4	112.4	2	2.62	23.30	2020	100	2420	17.9	38.3	
Black Serpentinite	SPB			143700	112.4	114.4	2	2.62	22.00	1650	100	2340	18.9	40.3	22.00
Quartz for QAQC	QTZ			143701	QTZ	QTZ	0	N/A	0.12	20	<10	210	>25	94.7	

Black Serpentinite	SPB			143702	114.4	116.4	2	2.62	23.10	1950	100	2480	18.4	39.4	
Black Serpentinite	SPB			143703	116.4	118.4	2	2.62	24.20	2200	120	3160	17.7	37.8	
Black Serpentinite	SPB			143704	118.4	120.4	2	2.64	23.50	2000	110	2570	14.7	31.4	
Black Serpentinite	SPB			143705	120.4	122.4	2	2.63	24.00	2020	110	3030	15.5	33.2	
Black Serpentinite	SPB			143706	122.4	124.4	2	2.64	25.40	2000	120	2470	14.6	31.3	
Black Serpentinite	SPB			143707	124.4	126.4	2	2.63	25.40	2100	110	2390	14.9	31.9	
Black Serpentinite	SPB			143708	126.4	128.4	2	2.62	24.90	2170	110	2660	17.4	37.2	
Black Serpentinite	SPB			143709	128.4	130.4	2	2.64	25.40	2170	110	2550	16.8	36	
Black Serpentinite	SPB			143710	130.4	132.4	2	2.63	25.40	2150	110	2520	17	36.4	
Black Serpentinite	SPB			143711	132.4	134.4	2	2.64	25.50	2140	110	2380	17.7	37.9	
Black Serpentinite	SPB			143712	134.4	136.4	2	2.63	25.10	2110	110	2720	16.8	35.9	
Black Serpentinite	SPB			143713	136.4	138.4	2	2.64	22.90	2020	110	3870	13.1	28.1	
Black Serpentinite	SPB			143714	138.4	140.4	2	2.63	22.40	1960	110	2560	16.8	35.9	
Black Serpentinite	SPB			143715	140.4	142.4	2	2.62	21.20	1670	90	2200	15	32.1	
Black Serpentinite	SPB			143716	142.4	144.4	2	2.64	22.50	1920	100	2170	17.6	37.6	
Black Serpentinite	SPB			143717	144.4	146.4	2	2.63	22.10	2080	110	3580	18.6	39.9	
Black Serpentinite	SPB			143718	146.4	148.4	2	2.63	20.50	1060	70	1200	16.5	35.2	
Black Serpentinite	SPB			143719	148.4	150.4	2	2.62	20.80	1210	80	1960	16.6	35.5	
Black Serpentinite	SPB			143720	150.4	152.4	2	2.63	24.80	2080	110	2020	20	42.8	24.50
Quartz for QAQC	QTZ			143721	QTZ	QTZ	0	N/A	0.13	20	<10	200	>25	95.2	
						E.O.H.									
						152.4									

DDH RRS11-9 Geology and Assay Data Correlaton

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)	SiO2(%)	QA/QC Mg %
Black Serpentinite	SPB	0.6	39	143722	0.6	2.6	2	2.62	21.40	2050	120	3450	18.9	40.4	
Black Serpentinite	SPB			143723	2.6	4.6	2	2.62	21.90	1790	100	2550	17.7	37.8	
Black Serpentinite	SPB			143724	4.6	6.6	2	2.61	23.40	2240	120	2690	16.5	35.2	
Black Serpentinite	SPB			143724	6.6	8.6	2	2.6	21.90	1760	110	2310	17.1	36.7	
Black Serpentinite	SPB			143725	8.6	10.6	2	2.6	23.80	2020	120	3070	17.9	38.3	
Black Serpentinite	SPB			143726	10.6	12.6	2	2.6	24.50	2020	120	3030	16.8	36	
Black Serpentinite	SPB			143727	12.6	14.6	2	2.62	21.70	1710	100	2390	17.4	37.2	
Black Serpentinite	SPB			143728	14.6	16.6	2	2.6	23.90	1980	110	3590	17.1	36.7	
Black Serpentinite	SPB			143729	16.6	18.6	2	2.62	23.80	2020	110	2800	17.7	37.8	
Black Serpentinite	SPB			143730	18.6	20.6	2	2.62	23.60	2030	110	2410	17.7	37.9	
Black Serpentinite	SPB			143731	20.6	22.6	2	2.61	23.90	1950	110	2430	17.7	37.9	
Black Serpentinite	SPB			143732	22.6	24.6	2	2.61	23.80	1970	110	2460	18.1	38.7	
Black Serpentinite	SPB			143734	24.6	26.6	2	2.61	24.10	2030	110	2460	17.4	37.2	
Black Serpentinite	SPB			143735	26.6	28.6	2	2.62	24.50	2010	110	2860	15.2	32.5	
Black Serpentinite	SPB			143736	28.6	30.6	2	2.6	24.30	2040	120	2830	17.5	37.4	
Black Serpentinite	SPB			143737	30.6	32.6	2	2.6	23.00	1920	110	2250	19.9	42.5	
Black Serpentinite	SPB			143738	32.6	34.6	2	2.62	22.90	1970	110	2760	15.3	32.8	
Black Serpentinite	SPB			143739	34.6	36.6	2	2.61	24.00	1770	100	2230	18.2	38.8	23.4
Black Serpentinite	SPB			143740	36.6	39.0	2.4	2.61	23.50	1960	110	2620	17.6	37.6	
Quartz for QAQC	QTZ			143741	QTZ	QTZ	0	N/A	0.16	20	<10	200	>25	100.5	
FAULT ZONE	FLT	39	40	143742	39.0	40.0	1	N/A	20.80	1980	120	4550	20.1	43	
Black Serpentinite	SPB	40	45.9	143743	40.0	42.0	2	2.62	22.80	2060	110	3410	18.4	39.4	
Black Serpentinite	SPB			143744	42.0	44.0	2	2.62	22.90	2100	110	5180	16.2	34.7	
Black Serpentinite	SPB			143745	44.0	45.9	1.9	2.62	22.90	2050	130	3110	17.4	37.1	
Mixed Soapstone	SPN	45.9	48.7	143746	45.9	47.3	1.4	2.65	12.60	710	50	1000	24.5	52.4	
Mixed Soapstone	SPN			143747	47.3	48.7	1.4	2.65	6.13	50	20	100	24.2	51.8	
Black Serpentinite	SPB	48.7	144.8	143748	48.7	48.7	2	2.6	21.00	1880	110	2450	17.5	37.4	
Black Serpentinite	SPB			143749	50.7	50.7	2	2.61	22.00	1880	110	2500	17.1	36.6	
Black Serpentinite	SPB			143750	52.7	52.7	2	2.62	24.00	2000	120	3260	17.4	37.1	

Black Serpentinite	SPB			143751	54.7	54.7	2	2.61	24.40	1970	120	2630	17.3	37	
Black Serpentinite	SPB			143752	56.7	56.7	2	2.6	24.10	2020	120	2890	17	36.3	
Black Serpentinite	SPB			143753	58.7	58.7	2	2.61	24.80	2030	120	3040	16.8	35.9	
Black Serpentinite	SPB			143754	60.7	60.7	2	2.62	24.10	2030	110	2240	17.1	36.6	
Black Serpentinite	SPB			143755	62.7	62.7	2	2.61	22.70	1620	90	2140	18	38.5	
Black Serpentinite	SPB			143756	64.7	64.7	2	2.61	23.40	1830	110	2670	15.8	33.7	
Black Serpentinite	SPB			143757	66.7	66.7	2	2.62	25.00	1820	110	2650	16.7	35.6	
Black Serpentinite	SPB			143758	68.7	68.7	2	2.62	24.40	1960	110	2600	17.4	37.2	
Black Serpentinite	SPB			143759	70.7	70.7	2	2.61	24.10	2000	120	2680	17.2	36.7	24.1
Black Serpentinite	SPB			143760	72.7	74.7	2	2.62	23.40	1900	110	2750	18.2	38.8	
Quartz for QAQC	QTZ			143761	QTZ	QTZ	0	NA	0.18	20	<10	180	>25	97.5	
Black Serpentinite	SPB			143762	74.7	76.7	2	2.61	24.00	1850	100	2460	17.9	38.4	
Black Serpentinite	SPB			143763	76.7	78.7	2	2.62	24.50	1950	120	9570	16.4	35	
Black Serpentinite	SPB			143764	78.7	80.7	2	2.61	24.40	1970	110	2770	17.3	37	
Black Serpentinite	SPB			143765	80.7	82.7	2	2.6	25.00	1930	110	3070	16.8	36	
Black Serpentinite	SPB			143766	82.7	84.7	2	2.6	24.60	1900	110	2380	17.3	37	
Black Serpentinite	SPB			143767	84.7	86.7	2	2.62	25.20	1930	110	2760	16.7	35.8	
Black Serpentinite	SPB			143768	86.7	88.7	2	2.61	25.00	2000	110	2420	16.7	35.7	
Black Serpentinite	SPB			143769	88.7	90.7	2	2.62	23.60	1890	100	2450	17.9	38.3	
Black Serpentinite	SPB			143770	90.7	92.7	2	2.61	23.90	1770	100	2560	18.1	38.6	
Black Serpentinite	SPB			143771	92.7	94.7	2	2.6	24.80	2100	110	3180	17.1	36.6	
Black Serpentinite	SPB			143772	94.7	96.7	2	2.61	25.30	1930	110	3110	16.3	34.9	
Black Serpentinite	SPB			143773	96.7	98.7	2	2.61	26.00	2040	120	2680	20	42.8	
Black Serpentinite	SPB			143774	98.7	100.7	2	2.62	24.20	1970	110	4270	16.6	35.5	
Black Serpentinite	SPB			143775	100.7	102.7	2	2.61	24.70	2160	130	3160	18.7	39.9	
Black Serpentinite	SPB			143776	102.7	104.7	2	2.61	24.80	2100	120	4220	16.5	35.2	
Black Serpentinite	SPB			143777	104.7	106.7	2	2.62	24.90	2140	110	2690	17.5	37.4	
Black Serpentinite	SPB			143778	106.7	108.7	2	2.62	25.30	2080	120	3060	17.6	37.6	
Black Serpentinite	SPB			143779	108.7	110.7	2	2.62	24.00	2090	110	3080	18.6	39.9	20.1
Black Serpentinite	SPB			143780	110.7	112.7	2	2.61	24.10	2030	100	2460	17.8	38.1	
Quartz for QAQC	QTZ			143781	QTZ	QTZ	0	NA	0.17	20	<10	200	>25	102.2	
Black Serpentinite	SPB			143782	112.7	114.7	2	2.62	24.80	2050	100	2590	17.6	37.6	
Black Serpentinite	SPB			143783	114.7	116.7	2	2.62	24.40	2170	110	5600	17.8	38	

Black Serpentinite	SPB			143784	116.7	118.7	2	2.6	25.40	2120	110	2610	17.8	38	
Black Serpentinite	SPB			143785	118.7	120.7	2	2.62	25.50	2160	120	2780	17.8	38	
Black Serpentinite	SPB			143786	120.7	122.7	2	2.61	25.20	2090	110	2250	18.5	39.5	
Black Serpentinite	SPB			143787	122.7	124.7	2	2.62	25.00	2020	110	2730	17.1	36.6	
Black Serpentinite	SPB			143788	124.7	126.7	2	2.63	23.90	2090	120	2620	16.5	35.4	
Black Serpentinite	SPB			143789	126.7	128.7	2	2.64	24.80	1970	110	2830	16.6	35.6	
Black Serpentinite	SPB			143790	128.7	130.7	2	2.63	24.80	2010	110	3050	17.7	37.9	
Black Serpentinite	SPB			143791	130.7	132.7	2	2.62	24.40	1930	100	2650	17.7	37.8	
Black Serpentinite	SPB			143792	132.7	134.7	2	2.61	23.20	1920	100	2740	19	40.6	
Black Serpentinite	SPB			143793	134.7	136.7	2	2.62	21.50	1800	100	1920	20.7	44.3	
Black Serpentinite	SPB			143794	136.7	138.7	2	2.61	23.20	2170	110	2580	17.2	36.9	
Black Serpentinite	SPB			143795	138.7	140.7	2	2.62	23.10	2100	120	2610	16.2	34.6	
Black Serpentinite	SPB			143796	140.7	142.7	2	2.63	23.20	2030	120	3250	17.4	37.2	
Black Serpentinite	SPB			143797	142.7	144.8	2.1	2.62	22.80	2040	110	2450	17.5	37.5	
Fragmented grreen serpent.	SPG/FLT	144.8	149.3	143798	144.8	146.8	2	2.65	17.30	1490	90	1970	20.9	44.7	
Fragmented grreen serpent.	SPG/FLT			143799	146.8	149.3	2.5	2.65	15.70	1380	90	1910	19.3	41.3	
						E.O.H.									
						149.3									

DDH RRS11-10 Geology and Assay Data Correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Serpentinite(fragmented)	SPB	1.5	6.3	143800	1.5	3.9	2.4	2.58	21.80	1815	93	1570	
Quartz for QAQC	QTZ			143801	QTZ	QTZ	0	N/A	0.06	5	2	21	
Serpentinite(fragmented)	SPB			143802	3.9	6.3	2.4	2.58	19.65	1995	100	1960	
Black Serpentinite	SPB	6.3	21.0	143803	6.3	8.3	2	2.59	22.20	1975	96	1780	
Black Serpentinite	SPB			143804	8.3	10.3	2	2.58	24.50	2010	99	1550	
Black Serpentinite	SPB			143805	10.3	12.3	2	2.58	23.80	2010	98	1670	
Black Serpentinite	SPB			143806	12.3	14.3	2	2.57	23.80	1955	95	1660	
Black Serpentinite	SPB			143807	14.3	16.3	2	2.58	24.50	2080	102	1390	
Black Serpentinite	SPB			143808	16.3	18.3	2	2.58	23.30	1975	101	2000	
Black Serpentinite	SPB			143809	18.3	21.0	2.7	2.56	21.80	1845	93	1430	
Faulted serpentinite	SPB/FLT	21.0	21.9	143810	21.0	21.9	0.9	N/A	20.50	1850	96	1630	
Black Serpentinite	SPB	21.9	37.9	143811	21.9	23.9	2	2.58	23.10	2140	106	1820	
Black Serpentinite	SPB			143812	23.9	25.9	2	2.58	24.20	2210	110	1860	
Black Serpentinite	SPB			143813	25.9	27.9	2	2.56	24.00	2090	103	1510	
Black Serpentinite	SPB			143814	27.9	29.9	2	2.58	22.80	1910	85	1350	
Black Serpentinite	SPB			143815	29.9	31.9	2	2.59	23.50	2080	105	1330	
Black Serpentinite	SPB			143816	31.9	33.9	2	2.56	23.00	1885	89	1310	
Black Serpentinite	SPB			143817	33.9	35.9	2	2.58	23.10	1985	97	2320	
Black Serpentinite	SPB			143818	35.9	37.9	2	2.58	22.70	2140	104	1710	
Serpentinite(fragmented)	SPB	37.9	40.4	143819	37.9	40.4	2.5	2.68	19.05	1805	92	1410	
Serpentinite(fragmented)	SPB			143820	40.4	40.9	0.5	N/A	8.79	461	39	466	
Quartz for QAQC	QTZ			143821	QTZ	QTZ	0	N/A	0.21	20	3	29	
DIAGABBRO	DGB	40.9	49.8	143822	40.9	42.9	2	2.78	4.75	213	25	291	
DIAGABBRO	DGB			143823	42.9	44.9	2	2.76	5.00	230	29	307	
DIAGABBRO	DGB			143824	44.9	46.9	2	2.78	5.24	239	29	325	
DIAGABBRO	DGB			143825	46.9	48.9	2	2.78	5.71	260	35	335	
DIAGABBRO	DGB			143826	48.9	49.8	0.9	2.76	11.25	655	49	630	
Black Serpentinite	SPB	49.8	79.3	143827	49.8	51.8	2	2.63	19.85	1830	82	1300	
Black Serpentinite	SPB			143828	51.8	53.8	2	2.64	21.50	1880	94	1390	

Black Serpentinite	SPB			143829	53.8	55.8	2	2.64	23.50	2070	100	1420	
Black Serpentinite	SPB			143830	55.8	57.8	2	2.64	24.90	2110	103	1440	
Black Serpentinite	SPB			143831	57.8	59.8	2	2.65	25.70	2180	107	1490	
Black Serpentinite	SPB			143832	59.8	61.8	2	2.63	24.60	2290	108	2470	
Black Serpentinite	SPB			143833	61.8	63.8	2	2.63	24.30	2340	112	1850	
Black Serpentinite	SPB			143834	63.8	65.8	2	2.64	24.80	2220	104	1260	
Black Serpentinite	SPB			143835	65.8	67.8	2	2.64	25.00	2100	103	1350	
Black Serpentinite	SPB			143836	67.8	69.8	2	2.64	24.50	2210	108	1730	
Black Serpentinite	SPB			143837	69.8	71.8	2	2.64	23.10	1980	97	1310	
Black Serpentinite	SPB			143838	71.8	73.8	2	2.63	23.90	2150	105	1300	
Black Serpentinite	SPB			143839	73.8	75.8	2	2.64	23.40	2270	106	1710	
Black Serpentinite	SPB			143840	75.8	77.8	2	2.64	23.40	2090	101	1480	
Quartz for QAQC	QTZ			143841	QTZ	QTZ	0	N/A	0.17	15	2	26	
Black Serpentinite	SPB			143842	77.8	79.3	1.5	2.63	23.20	2100	101	1545	
Faulted serpentinite	SPB/FLT	79.3	88.0	143843	79.3	81.3	2	2.65	13.60	1125	56	1675	
Faulted serpentinite	SPB/FLT			143844	81.3	83.3	2	2.65	11.65	696	41	639	
Faulted serpentinite	SPB/FLT			143845	83.3	85.3	2	2.64	21.10	2000	99	1570	
Faulted serpentinite	SPB/FLT			143846	85.3	88.0	2.7	2.64	17.10	1085	60	1045	
DIAGABBRO	DGB	88.0	96.0	143847	88.0	90.0	2	2.76	2.82	37	13	49	
DIAGABBRO	DGB			143848	90.0	92.0	2	2.76	2.19	39	12	37	
DIAGABBRO	DGB			154849	92.0	94.0	2	2.76	1.81	24	13	33	
DIAGABBRO	DGB			143850	94.0	96.0	2	2.76	3.12	36	13	32	
Black Serpentinite	SPB	96.0	141.0	143851	96.0	98.0	2	2.63	21.90	2030	96	1400	
Black Serpentinite	SPB			143852	98.0	100.0	2	2.65	22.80	1895	91	1180	
Black Serpentinite	SPB			143853	100.0	102.0	2	2.64	23.80	2000	98	1370	
Black Serpentinite	SPB			143854	102.0	104.0	2	2.63	23.70	1935	97	1230	
Black Serpentinite	SPB			143855	104.0	106.0	2	2.64	23.70	1965	101	1460	
Black Serpentinite	SPB			143856	106.0	108.0	2	2.63	24.10	2190	105	1270	
Black Serpentinite	SPB			143857	108.0	110.0	2	2.64	23.50	2150	105	1450	
Black Serpentinite	SPB			143858	110.0	112.0	2	2.63	25.00	2260	107	1390	
Black Serpentinite	SPB			143859	112.0	114.0	2	2.64	25.00	2310	109	1500	
Black Serpentinite	SPB			143860	114.0	116.0	2	2.64	24.30	2100	100	1260	
Quartz for QAQC	QTZ			143861	QTZ	QTZ		N/A	0.25	23	5	33	

Black Serpentinite	SPB			143862	116.0	118.0	2	2.63	24.60	2100	101	1320	
Black Serpentinite	SPB			143863	118.0	120.0	2	2.63	23.50	2110	106	1990	
Black Serpentinite	SPB			143864	120.0	122.0	2	2.64	23.70	2070	103	1390	
Black Serpentinite	SPB			143865	122.0	124.0	2	2.63	23.70	2080	100	1370	
Black Serpentinite	SPB			143866	124.0	126.0	2	2.63	22.50	2130	98	1790	
Black Serpentinite	SPB			143867	126.0	128.0	2	2.63	24.50	1915	92	1160	
Black Serpentinite	SPB			143868	128.0	130.0	2	2.64	25.30	2400	113	1200	
Black Serpentinite	SPB			143869	130.0	132.0	2	2.63	24.70	2200	105	1470	
Black Serpentinite	SPB			143870	132.0	134.0	2	2.63	25.10	2390	109	1400	
Black Serpentinite	SPB			143871	134.0	136.0	2	2.64	25.10	2330	114	1560	
Black Serpentinite	SPB			143772	136.0	138.0	2	2.63	24.90	2440	111	1220	
Black Serpentinite	SPB			143873	138.0	139.5	1.5	2.64	23.70	2260	105	1200	
Black Serpentinite	SPB			143874	139.5	141.0	1.5	2.64	24.00	2150	107	4480	
DIAGABBRO	DGB	141	142.2	143875	141.0	142.2	1.2	2.76	10.30	569	34	603	
Black Serpentinite	SPB	142.2	152.4	143876	142.2	144,2	2	2.64	23.30	2260	104	1780	
Black Serpentinite	SPB			143877	144,2	146.2	2	2.63	24.00	2230	105	2490	
Black Serpentinite	SPB			143878	146.2	148.2	2	2.64	24.60	2170	108	2850	
Black Serpentinite	SPB			143879	148.2	150.2	2	2.63	24.10	2180	100	1290	
Black Serpentinite	SPB			143880	150.2	152.4	2.2	2.65	23.70	2190	104	1440	
Quartz for QAQC	QTZ			143881	QTZ	QTZ	0	N/A	0.35	31	4	24	
						E.O.H.							
						152.4m							

ALS' SG

DDH RRS11-11 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Monzosyenite	MSY	4	10.3	143882	4	6	2		2.14	39	13	79	
Monzosyenite	MSY			143883	6	8	2		2.23	36	15	79	
Monzosyenite	MSY			143884	8	10.3	2.3		2.82	51	16	77	
Dark Green serpentinite	SPG	10.3	13.6	143885	10.3	12	1.7		20.9	2060	104	1995	
Dark Green serpentinite	SPG			143886	12	13.6	1.6		20.4	1940	102	1550	
Monzosyenite	MSY	13.6	19.7	143887	13.6	15.6	2		2.47	34	12	72	
Monzosyenite	MSY			143888	15.6	17.6	2		2.14	38	14	75	
Monzosyenite	MSY			143889	17.6	19.7	2.1		3.91	107	16	76	
Dark Green serpentinite	SPG	19.7	21.5	143890	19.7	21.5	1.8		16.25	152	32	56	
Monzosyenite	MSY	21.5	38.5	143891	21.5	23.5	2		2.86	35	15	68	
Monzosyenite	MSY			143892	23.5	25.5	2		2.12	32	12	69	
Monzosyenite	MSY			143893	25.5	27.5	2		2.05	32	14	67	
Monzosyenite	MSY			143894	27.5	29.5	2		1.91	29	14	73	
Monzosyenite	MSY			143895	29.5	31.5	2		1.96	31	14	78	
Monzosyenite	MSY			143896	31.5	33.5	2		1.95	32	13	74	
Monzosyenite	MSY			143897	33.5	35.5	2		1.9	30	14	70	
Monzosyenite	MSY			143898	35.5	37.7	2.2		2.76	59	13	94	
Monzosyenite	MSY			143899	37.7	38.5	0.8		2.48	21	13	37	
Black Serpentinite	SPB	38.5	43.2	143900	38.5	40.5	2		20.9	1895	96	1650	
Black Serpentinite	SPB			143901	40.5	43.2	2.7		19.55	1835	99	1530	
	QTZ			143902	QTZ	QTZ	0		0.12	7	2	31	
Monzosyenite (not sampled)	MSY	43.2	87.5										
			E.O.H.										

DDH RRS11-12 Geology and Assay data Correlation

Rock type	Code	From	To	Sample #	From	To	Length	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	SPB	0	13.7	143903	0.0	2.0	2	2.65	23.60	2050	100	1495	
Black Serpentinite	SPB			143904	2.0	4.0	2	2.64	22.20	2110	99	1865	
Black Serpentinite	SPB			143905	4.0	6.0	2	2.64	21.40	1685	87	1410	
Black Serpentinite	SPB			143906	6.0	8.0	2	2.63	21.60	1845	92	1645	
Black Serpentinite	SPB			143907	8.0	10.0	2	2.65	21.80	1970	92	1545	
Black Serpentinite	SPB			143908	10.0	12.0	2	2.65	23.20	2010	99	1760	
Black Serpentinite	SPB			143909	12.0	13.7	1.7	2.65	20.80	1780	88	1735	
Basaltic Andesite	AND	13.7	14.4	143910	13.7	14.4	0.7	2.68	6.93	308	32	316	
Blaack Serpentinite	SPB	14.4	16	143911	14.4	16.0	1.6	2.64	20.40	1605	83	1440	
Diagabbro	DGB	16	17.7	143912	16.0	17.7	1.7	2.68	4.24	11	15	15	
Blaack Serpentinite	SPB	17.7	33.8	143913	17.7	19.7	2	2.65	21.90	1890	98	1690	
Blaack Serpentinite	SPB			143914	19.7	21.7	2	2.65	23.10	2050	102	1820	
Blaack Serpentinite	SPB			143915	21.7	23.7	2	2.63	24.10	1905	95	1455	
Blaack Serpentinite	SPB			143916	23.7	25.7	2	2.64	23.40	2110	102	1390	
Blaack Serpentinite	SPB			143917	25.7	27.7	2	2.64	23.80	2070	104	1470	
Blaack Serpentinite	SPB			143918	27.7	29.7	2	2.65	23.50	2100	105	2070	
Blaack Serpentinite	SPB			143919	29.7	31.7	2	2.65	21.10	2080	135	1810	
Blaack Serpentinite	SPB			143920	31.7	33.8	2.1	2.65	24.50	2030	104	1740	
Quartz for QAQC	QTZ			143921	QTZ	QTZ	0	N/A	0.21	17	3	35	
Blaack Serpentinite	SPB	33.8	38.1	143922	33.8	35.1	1.3	2.65	22.10	1900	98	2060	
Blaack Serpentinite	SPB			143923	35.1	37.1	2	2.64	21.10	2000	102	1575	
Blaack Serpentinite	SPB			143924	37.1	38.1	1	2.63	21.10	2010	112	2190	
Monzosyenite(decomposed)	MSY	38.1	41.1	143925	38.1	41.1	3.3	2.65	4.30	213	27	306	
Monzosyenite, solid, intact	MSY	41.4	46.9	143926	41.1	43.4	2.3	2.68	2.57	51	17	92	
Monzosyenite, solid, intact	MSY			143927	43.4	45.4	2	2.67	2.41	36	14	81	
Monzosyenite, solid, intact	MSY			143928	45.4	46.9	1.5	2.67	2.97	33	13	72	
Carbonatized Serpentinite	SPL	46.9	49.9	143929	46.9	48.4	1.5	2.68	15.45	1635	83	1530	
Carbonatized Serpentinite	SPL			143930	48.4	49.9	1.5	2.69	15.25	1385	68	1335	
Blaack Serpentinite	SPB	49.9	51.6	143931	49.9	51.6	1.7	2.64	21.90	1995	100	1855	

Blaack Serpentinite, rusted	SPB	51.6	53.2	143932	51.6	53.2	1.6	2.63	21.10	1960	97	1540	
Blaack Serpentinite	SPB	53.2	54.5	143933	53.2	54.5	1.3	N/A	13.80	1875	77	1805	
Blaack Serpentinite	SPB			143934	54.5	56.5	2	2.63	23.30	1985	98	1305	
Blaack Serpentinite	SPB			143935	56.5	58.5	2	2.63	23.30	1975	100	1790	
Blaack Serpentinite	SPB			143936	58.5	60.5	2	2.64	23.60	1965	94	1405	
Blaack Serpentinite	SPB			143937	60.5	62.5	2	2.64	24.70	2180	106	1225	
Blaack Serpentinite	SPB			143938	62.5	64.5	2	2.64	24.30	1985	99	1380	
Blaack Serpentinite	SPB			143939	64.5	66.5	2	2.64	23.20	1890	98	1750	
Blaack Serpentinite	SPB			143940	66.5	68.5	2	2.64	22.10	1760	90	1720	
Quartz for QAQC	QTZ			134941	QTZ	QTZ	0	N/A	0.32	27	3	44	
Blaack Serpentinite	SPB			143942	68.5	70.5	2	2.64	23.00	2070	94	1280	
Blaack Serpentinite	SPB			143943	70.5	72.5	2	2.65	23.60	2160	105	1320	
Blaack Serpentinite	SPB			143944	72.5	74.5	2	2.65	23.50	1975	98	1470	
Blaack Serpentinite	SPB			143945	74.5	76.5	2	2.65	23.10	2010	100	1410	
Blaack Serpentinite	SPB			143946	76.5	78.5	2	2.63	20.90	1720	98	1450	
Blaack Serpentinite	SPB			143947	78.5	80.5	2	2.64	22.60	2130	102	1550	
Blaack Serpentinite	SPB			143948	80.5	83.4	2.9	2.65	17.75	1540	78	1220	
Monzosyenite	MSY	83.4	84.4	143949	83.4	84.4	1	2.68	5.75	69	32	58	
Mineralized Green Serpentinite	SPG	84.4	86.2	143950	84.4	86.2	1.8	2.72	10.75	1175	68	1100	
Monzosyenite	MSY	86.2	89.9	143951	86.2	88.2	2	2.68	3.97	35	17	38	
Monzosyenite	MSY			143952	88.2	89.9	1.7	2.67	4.27	24	18	31	
Blaack Serpentinite	SPB	89.9	106.9	143953	89.9	91.9	2	2.64	21.70	2060	106	2020	
Blaack Serpentinite	SPB			143954	91.9	93.9	2	2.63	16.00	1610	102	1580	
Blaack Serpentinite	SPB			143955	93.9	95.9	2	2.64	22.40	1910	93	1480	
Blaack Serpentinite	SPB			143956	95.9	97.9	2	2.65	24.00	2000	98	1550	
Blaack Serpentinite	SPB			143957	97.9	99.9	2	2.64	22.80	2010	98	1360	
Blaack Serpentinite	SPB			143958	99.9	101.9	2	2.64	24.10	2050	99	1390	
Blaack Serpentinite	SPB			143959	101.9	103.9	2	2.64	22.40	2030	96	1350	
Blaack Serpentinite	SPB			143960	103.9	105.9	2	2.64	24.50	2150	100	1460	
Quartz for QAQC	QTZ			143961	QTZ	QTZ	0	0	0.26	23	2	35	
Carbonatized Serpentinite	SPL	106.9	108.8	143962	105.9	106.9	1	2.65	23.50	2250	107	2090	
Blaack Serpentinite	SPB	108.8	128.4	143963	106.9	108.8	1.9	2.65	20.90	1940	92	1590	
Blaack Serpentinite	SPB			143964	108.8	110.8	2	2.65	23.60	2070	100	1520	

Blaack Serpentinite	SPB			143965	110.8	112.8	2	2.65	23.40	1985	93	1360	
Blaack Serpentinite	SPB			143966	112.8	114.8	2	2.65	24.40	2080	103	1830	
Blaack Serpentinite	SPB			143967	114.8	116.8	2	2.65	23.90	2190	103	1990	
Blaack Serpentinite	SPB			143968	116.8	118.8	2	2.63	24.70	2170	99	1630	
Blaack Serpentinite	SPB			143969	118.8	120.8	2	2.63	24.60	2180	105	1650	
Blaack Serpentinite	SPB			143970	120.8	122.8	2	2.63	25.20	2090	101	1420	
Blaack Serpentinite	SPB			143971	122.8	124.8	2	2.64	25.70	2230	106	1490	
Blaack Serpentinite	SPB			132972	124.8	126.8	2	2.64	24.80	2230	107	1380	
				143973	126.8	128.4	1.6	2.65	23.60	2180	100	1920	
QAQC Duplicate check inser t#1				143974	19.7	21.7	2	2.65	24.70	1905	96	1390	
QAQC Duplicate check inser t#2				143975	101.9	103.9	2	2.64	22.90	2040	96	1240	
Monzosyenite (not sampled)	**MSY**	128.4	138.7										
						EOH							
						138.7m							

DDH RRS11-13 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Carbonatized Serpentinite	SPL	2.4	2.5	143976	2.4	3.9	1.5	2.7	23.40	2070	105	1620	
Carbonatized Serpentinite	SPL			143977	3.9	5.5	1.6	2.7	25.50	2050	103	1350	
Black Serpentinite	SPB	5.5	30.8	143978	5.5	7.5	2.0	2.78	24.00	2120	110	2390	
Black Serpentinite	SPB			143979	7.5	9.5	2.0	2.78	24.40	2080	104	2000	
Black Serpentinite	SPB			143980	9.5	11.5	2.0	2.78	25.40	2060	106	1660	
Quartz for QAQC	QTZ			143981	QTZ	QTZ	0.0	NA	0.11	14	2	25	
Black Serpentinite	SPB			143982	11.5	13.5	2.0	2.7	23.80	2080	108	1680	
Black Serpentinite	SPB			143983	13.5	15.5	2.0	2.7	24.70	2280	111	2020	
Black Serpentinite	SPB			143984	15.5	17.5	2.0	2.7	23.30	2010	106	1270	
Black Serpentinite	SPB			143985	17.5	19.5	2.0	2.7	23.30	2040	102	1220	
Black Serpentinite	SPB			143986	19.5	21.5	2.0	2.78	24.20	2110	113	2950	
Black Serpentinite	SPB			143987	21.5	23.5	2.0	2.78	24.40	2260	116	3190	
Black Serpentinite	SPB			143988	23.5	25.5	2.0	2.78	22.80	2050	100	2730	
Black Serpentinite	SPB			143989	25.5	27.9	2.4	2.59	22.40	2030	101	1700	
Black Serpentinite	SPB			143890	27.9	29.4	1.5	2.59	22.90	2080	102	1300	
Black Serpentinite	SPB			143991	29.4	30.8	1.4	2.59	22.70	2010	104	1220	
Sheared faulted Soapstone	SPN	30.8	31.9	143992	30.8	31.9	1.1	2.5	16.90	2000	114	1750	
Andesite	AND	31.9	32.7	143993	31.9	32.7	0.8		7.47	183	45	97	
Monzosyenite	MSY	32.7	44.3	143994	32.7	34.7	2.0	2.71	2.38	44	15	79	
Monzosyenite	MSY			143995	34.7	36.7	2.0	2.71	1.92	30	14	69	
Monzosyenite	MSY			143996	36.7	38.7	2.0	2.71	1.93	33	14	73	
Monzosyenite	MSY			143997	38.7	40.7	2.0	2.72	2.03	30	15	79	
Monzosyenite	MSY			143998	40.7	42.7	2.0	2.72	2.00	30	15	73	
Quartz for QAQC	MSY			143999	42.7	44.3	1.6	2.72	2.11	29	15	75	
Dark green serpentintie	SPG	44,3	45.1	144000	44.3	45.1	0.8	NA	15.65	925	67	1050	
Black Serpentinite	SPB	45.1	48.6	144001	45.1	47.1	2.0		22.70	2240	109	2060	
Black Serpentinite	QTZ			**144002**	QTZ	QTZ	0.0	NA	0.08	8	3	30	
Black Serpentinite	SPB			144003	47.1	48.6	1.5		21.80	2030	104	1540	
Andesite	AND	48.6	50.6	143004	48.6	50.6	2.0		5.39	193	27	359	

Black Serpentinite	SPB	50.6	74.8	143005	50.6	52.6	2.0	2.61	20.90	1795	91	1340	
Black Serpentinite	SPB			143006	52.6	54.6	2.0	2.61	24.80	2160	108	1430	
Black Serpentinite	SPB			143007	54.6	56.6	2.0	2.61	23.40	1985	100	1180	
Black Serpentinite	SPB			143008	56.6	58.6	2.0	2.61	23.80	2260	110	1560	
Black Serpentinite	SPB			143009	58.6	60.6	2.0	2.63	21.00	1905	105	1580	
Black Serpentinite	SPB			143010	60.6	62.6	2.0	2.63	24.00	2170	107	1460	
Black Serpentinite	SPB			143011	62.6	64.6	2.0	2.63	23.80	2230	107	1290	
Black Serpentinite	SPB			143012	64.6	66.6	2.0	2.63	22.90	2050	104	1390	
Black Serpentinite	SPB			143013	66.6	68.6	2.0	2.55	23.30	2160	105	1400	
Black Serpentinite	SPB			143014	68.6	70.6	2.0	2.55	23.40	2120	104	1570	
Black Serpentinite	SPB			143015	70.6	72.6	2.0	2.55	22.40	2060	105	5420	
Black Serpentinite	SPB			143016	72.6	74.8	2.2	2.93	17.05	1745	87	1980	
Black Serpentinite,decomposed	SPB	74.8	76.7	143017	74.8	76.7	1.9	2.71	14.65	1665	89	1490	
Black Serpentinite, rusted	SPB	76.7	80.9	144018	76.7	78.8	2.1	2.71	20.90	2080	102	1940	
Black Serpentinite, rusted	SPB			144019	78.8	80.9	2.1	2.71	21.70	1800	94	1650	
Monzosyenite	MSY	80.9	104.5	144020	80.9	82.9	2.0	2.75	2.61	44	15	80	
Quartz for QAQC	QTZ			144021	QTZ	QTZ	0.0	NA	0.09	8	3	27	
Monzosyenite	MSY			144022	82.9	84.9	2.0	2.78	2.21	41	15	78	
Monzosyenite	MSY			143023	84.9	86.9	2.0	2.78	1.86	30	15	72	
Monzosyenite	MSY			143024	86.9	88.9	2.0	2.78	1.87	29	15	77	
Monzosyenite	MSY			144025	88.9	90.9	2.0	2.78	1.92	28	14	72	
Monzosyenite	MSY			144026	90.9	92.9	2.0	2.78	1.92	27	15	68	
Monzosyenite	MSY			144027	92.9	94.9	2.0	2.78	2.00	28	15	71	
Monzosyenite	MSY			144028	94.9	96.9	2.0	2.78	1.89	25	14	67	
Monzosyenite	MSY			144029	96.9	98.9	2.0	2.78	1.89	26	14	65	
Monzosyenite	MSY			144030	98.9	100.9	2.0	2.78	2.20	30	16	67	
Monzosyenite	MSY			144031	100.9	102.9	2.0	2.78	2.22	28	14	67	
Monzosyenite	MSY			144032	102.9	104.5	1.6	2.78	2.34	27	15	67	
Black Serpentinite	SPB	104.5	115.1	144033	104.5	106.5	2.0	2.64	24.90	2100	103	1410	
Black Serpentinite	SPB			144034	106.5	108.5	2.0	2.64	24.90	2020	101	1510	
Black Serpentinite	SPB			144035	108.5	110.5	2.0	2.64’	23.90	2030	101	1400	
Black Serpentinite	SPB			144036	110.5	112.5	2.0	2.57	23.60	1915	97	1520	
Black Serpentinite	SPB			144037	112.5	115.1	2.6	2.57	19.85	1525	91	1400	

Diagabbro	DGB	115.1	124.3	144038	115.1	117.1	2.0	2.72	3.75	26	18	33	
Diagabbro	DGB			144039	117.1	119.1	2.0	2.7	3.37	30	16	26	
Diagabbro	DGB			144040	119.1	121.1	2.0	2.72	2.46	20	15	27	
Quartz for QAQC	QTZ			144041	QTZ	QTZ	0.0	NA	0.05	2	2	21	
Diagabbro	DGB			144042	121.1	123.1	2.0	2.72	2.29	14	12	29	
Diagabbro	DGB			144043	123.1	124.3	1.2	2.72	3.49	20	13	28	
Black Serpentinite	SPB	124.3	131	144044	124.3	126.3	2.0	2.71	23.90	2060	106	2590	
Black Serpentinite	SPB			144045	126.3	128.3	2.0	2.71	25.90	2220	113	1940	
Black Serpentinite	SPB			144046	128.3	131.0	2.7	2.71	19.80	1710	86	1610	
Monzosyenite	MSY	131	141.3	144047	131.0	133.0	2.0	2.77	2.24	43	15	73	
Monzosyenite	MSY			144048	133.0	135.0	2.0	2.77	1.86	33	15	65	
Monzosyenite	MSY			144049	135.0	137.0	2.0	2.77	2.07	30	19	62	
Monzosyenite	MSY			144050	137.0	139.0	2.0	2.78	2.07	29	17	62	
Monzosyenite	MSY			144051	139.0	141.3	2.3	2.78	2.11	30	16	62	
Black Serpentinite	SPB	141.3	151.8	144052	141.3	143.3	2.0	2.94	23.50	1960	94	1660	
Black Serpentinite	SPB			144053	143.3	145.3	2.0	2.94	25.30	2150	106	1390	
Black Serpentinite	SPB			144054	145.3	147.3	2.0	2.94	25.20	2280	110	1520	
Black Serpentinite	SPB			144055	147.3	149.3	2.0	2.93	24.50	2070	104	1240	
Black Serpentinite	SPB			144056	149.3	151.8	2.5	2.7	23.80	2130	103	1880	
QAQC duplicate Insert #1				144057	19.5	21.5	2.0		25.80	2190	114	2970	
QAQC duplicate Insert #2				144058	62.6	64.6	2.0		25.10	2200	110	1400	
						E.O.H.							
						151.8 m							

DDH RRS11-14 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	$P (g/cm^3)$	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Rusted, fragmented Black Serpentinite	SPB	2.4	4.8	144059	2.4	3.6	1.2	2.64	22.50	2200	108	1975	
Rusted, fragmented Black Serpentinite	SPB			144060	3.6	4.8	1.2	2.64	20.50	1970	102	1835	
Black Serpentinite, homogeneous	SPB	4.8		144061	4.8	6.8	2	2.68	22.60	2130	113	7550	
Quartz for QAQC	QTZ			144062	QTZ	QTZ	0	N/A	0.17	15	3	49	
Black Serpentinite, homogeneous	SPB			144063	6.8	8.8	2	2.68	25.70	2380	114	1755	
Black Serpentinite, homogeneous	SPB			144064	8.8	10.8	2	2.64	24.20	2030	102	1540	
Black Serpentinite, homogeneous	SPB			144065	10.8	12.8	2	2.65	23.70	2260	110	2390	
Black Serpentinite, homogeneous	SPB			144066	12.8	14.8	2	2.65	22.60	1775	96	1545	
Black Serpentinite, homogeneous	SPB			144067	14.8	16.8	2	2.63	23.20	1950	106	1460	
Black Serpentinite, homogeneous	SPB			144068	16.8	18.8	2	2.64	23.20	2050	101	1660	
Black Serpentinite, homogeneous	SPB			144069	18.8	20.8	2	2.64	23.60	2100	101	1375	
Black Serpentinite, homogeneous	SPB			144070	20.8	22.8	2	2.64	21.90	1895	95	1300	
Black Serpentinite, homogeneous	SPB			144071	22.8	24.8	2	2.63	23.20	1990	99	2010	
Black Serpentinite, homogeneous	SPB			144072	24.8	26.8	2	2.64	23.30	2230	103	1465	
Black Serpentinite, homogeneous	SPB			144073	26.8	28.8	2	2.62	23.40	2070	102	1875	
Black Serpentinite, homogeneous	SPB			144074	28.8	30.8	2	2.63	23.40	1975	99	1370	
Black Serpentinite, homogeneous	SPB			144075	30.8	32.8	2	2.64	26.30	2230	111	1760	
Black Serpentinite, homogeneous	SPB			144076	32.8	34.8	2	2.65	25.60	2190	114	2100	
Black Serpentinite, homogeneous	SPB			144077	34.8	36.8	2	2.63	24.80	2000	101	1510	
Black Serpentinite, homogeneous	SPB			144078	36.8	38.8	2	2.65	24.80	2060	107	1860	
Black Serpentinite, homogeneous	SPB			144079	38.8	40.8	2	2.65	25.20	2100	108	1370	
Black Serpentinite, homogeneous	SPB			144080	40.8	42.8	2	2.64	25.90	2130	108	1390	
Quartz for QAQC	QTZ			144081	QTZ	QTZ	0	N/A	0.16	13	3	29	
Black Serpentinite, homogeneous	SPB			144082	42.8	44.8	2	2.64	22.80	1990	90	1150	
Black Serpentinite, homogeneous	SPB			144083	44.8	46.8	2	2.63	23.90	2090	98	1150	
Black Serpentinite, homogeneous	SPB			144084	46.8	48.8	2	2.64	23.40	2100	99	950	
Black Serpentinite, homogeneous	SPB			144085	48.8	50.8	2	2.63	23.60	2070	101	1280	
Black Serpentinite, homogeneous	SPB			144086	50.8	52.8	2	2.63	23.20	1990	96	1460	
Black Serpentinite, homogeneous	SPB			144087	52.8	54.8	2	2.62	23.30	2030	97	1100	
Black Serpentinite, homogeneous	SPB			144088	54.8	56.8	2	2.62	23.50	2010	91	1080	

Black Serpentinite, homogeneous	**SPB**			144089	*56.8*	*58.8*	*2*	*2.63*	**23.90**	2340	101	1860	
Black Serpentinite, homogeneous	**SPB**			144090	*58.8*	*60.8*	*2*	*2.63*	**23.70**	2370	101	1760	
Black Serpentinite, homogeneous	**SPB**			144091	*60.8*	*62.8*	*2*	*2.64*	**23.80**	2250	103	2330	
Black Serpentinite, homogeneous	**SPB**			144092	*62.8*	*64.8*	*2*	*2.64*	**23.00**	2150	98	2170	
Black Serpentinite, homogeneous	**SPB**			144093	*64.8*	*66.8*	*2*	*2.63*	**23.70**	2020	96	1510	
Black Serpentinite, homogeneous	**SPB**			144094	*66.8*	*68.8*	*2*	*2.64*	**23.20**	2090	97	1270	
Black Serpentinite, homogeneous	**SPB**			144095	*68.8*	*70.8*	*2*	*2.64*	**23.60**	2030	95	1240	
Black Serpentinite, homogeneous	**SPB**			144096	*70.8*	*72.8*	*2*	*2.63*	**23.00**	2070	100	1750	
Black Serpentinite, homogeneous	**SPB**			144097	*72.8*	*74.8*	*2*	*2.64*	**23.10**	2030	96	1310	
Black Serpentinite, homogeneous	**SPB**			144098	*74.8*	*76.8*	*2*	*2.63*	**23.80**	2060	97	1320	
Black Serpentinite, homogeneous	**SPB**			144099	*76.8*	*78.8*	*2*	*2.62*	**23.00**	2130	91	1130	
Black Serpentinite, homogeneous	**SPB**			144100	*78.8*	*80.8*	*2*	*2.64*	**22.50**	1915	92	1240	
Quartz for QAQC	QTZ			144101	*QTZ*	*QTZ*	*0*	*N/A*	5.18	477	22	689	
Black Serpentinite, homogeneous	**SPB**			144102	*80.8*	*82.8*	*2*	*2.64*	**23.90**	2010	94	1170	
Black Serpentinite, homogeneous	**SPB**			144103	*82.8*	*84.8*	*2*	*2.63*	**23.00**	2140	97	1400	
Black Serpentinite, homogeneous	**SPB**			144104	*84.8*	*86.8*	*2*	*2.63*	**22.80**	2040	97	1220	
Black Serpentinite, homogeneous	**SPB**			144105	*86.8*	*88.8*	*2*	*2.64*	**22.80**	2220	99	1480	
Black Serpentinite, homogeneous	**SPB**			144106	*88.8*	*90.8*	*2*	*2.64*	**23.90**	2150	98	1410	
Black Serpentinite, homogeneous	**SPB**			144107	*90.8*	*92.8*	*2*	*2.64*	**23.80**	2040	95	1260	
Black Serpentinite, homogeneous	**SPB**			144108	*92.8*	*95.4*	*2.6*	*2.63*	**22.90**	2160	98	1240	
Black Serpentinite, Fragmented	**SPB**			144109	95.4	97	1.6	2.63	**22.30**	1935	88	1390	
Black Serpentinite, homogeneous	**SPB**			144110	97	99.3	2.3	2.64	**21.70**	1955	88	1160	
Black Serpentinite, Fragmented	**SPB**			144111	99.3	100.3	1	2.6	**13.60**	1005	71	960	
Black Serpentinite, homogeneous	**SPB**		152.4	144112	100.3	102.3	2	2.63	**23.00**	1935	93	1160	
Black Serpentinite, homogeneous	**SPB**			144113	102.3	104.3	2	2.63	**23.00**	1950	95	1350	
Black Serpentinite, homogeneous	**SPB**			144114	104.3	106.3	2	2.64	**23.30**	1930	95	1200	
Black Serpentinite, homogeneous	**SPB**			144115	106.3	108.3	2	2.64	**22.90**	2030	106	1780	
Black Serpentinite, homogeneous	**SPB**			144116	108.3	110.3	2	2.63	**24.70**	2040	102	1300	
Black Serpentinite, homogeneous	**SPB**			144117	110.3	112.3	2	2.64	**24.30**	2000	99	997	
Black Serpentinite, homogeneous	**SPB**			144118	112.3	114.3	2	2.63	**24.20**	2030	104	1740	
Black Serpentinite, homogeneous	**SPB**			144119	114.3	116.3	2	2.64	**23.70**	2120	104	1480	
Quartz for QAQC	QTZ			144120	QTZ	QTZ	0	*N/A*	0.21	20	3	25	
Black Serpentinite, homogeneous	**SPB**			144121	116.3	118.3	2	2.64	**21.20**	1875	88	1650	

Black Serpentinite, homogeneous	**SPB**			144122	118.3	120.3	2	2.63	**23.90**	2030	101	1460	
Black Serpentinite, homogeneous	**SPB**			144123	120.3	122.3	2	2.64	**24.50**	2070	96	1280	
Black Serpentinite, homogeneous	**SPB**			144124	122.3	124.3	2	2.63	**25.00**	2030	98	1280	
Black Serpentinite, homogeneous	**SPB**			144125	124.3	126.3	2	2.64	**24.70**	2020	105	1450	
Black Serpentinite, homogeneous	**SPB**			144126	126.3	128.3	2	2.63	**24.40**	2110	102	1200	
Black Serpentinite, homogeneous	**SPB**			144127	128.3	130.3	2	2.64	**25.10**	2140	103	1350	
Black Serpentinite, homogeneous	**SPB**			144128	130.3	132.3	2	2.63	**25.40**	2150	100	1140	
Black Serpentinite, homogeneous	**SPB**			144129	132.3	134.3	2	2.63	**25.10**	2100	100	1230	
Black Serpentinite, homogeneous	**SPB**			144130	134.3	136.3	2	2.64	**26.00**	2120	103	1180	
Black Serpentinite, homogeneous	**SPB**			144131	136.3	138.3	2	2.63	**25.00**	1920	95	1560	
Black Serpentinite, homogeneous	**SPB**			144132	138.3	140.3	2	2.64	**25.80**	2150	101	1220	
Black Serpentinite, homogeneous	**SPB**			144133	140.3	142.3	2	2.63	**25.90**	2080	106	1510	
Black Serpentinite, homogeneous	**SPB**			144134	142.3	144.3	2	2.64	**24.00**	1730	102	1300	
Black Serpentinite, homogeneous	**SPB**			144135	144.3	146.3	2	2.63	**23.30**	2140	113	1560	
Black Serpentinite, homogeneous	**SPB**			144136	146.3	148.3	2	2.64	**25.00**	2160	105	1190	
Black Serpentinite, homogeneous	**SPB**			144137	148.3	150.3	2	2.63	**24.90**	2080	103	1390	
Black Serpentinite, homogeneous	**SPB**			144138	150.3	152.4	2	2.64	**25.30**	2260	107	1550	
QAQC Duplicate Insert # 1	**SPB**			144139	56.8	58.8	2	2.63	**24.60**	2020	103	1210	
QAQC Duplicate Insert # 2	**SPB**			144140	110.3	112.3	2	2.64	**24.90**	2260	104	2570	
						E.O.H							
						152.4m							

DDH RRS11-15 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	*P (g/cm³)*	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	**SPB**	1.5	47.6	144141	1.5	3.5	2	2.64	22.90	2010	95	1335	
Quartz for QAQC	QTZ			144142	QTZ	QTZ	0	NA	0.15	15	1	37	
Black Serpentinite	**SPB**			144143	3.5	5.5	2	2.64	9.50	775	37	621	
Black Serpentinite	**SPB**			144144	5.5	7.5	2	2.64	23.40	1950	91	1110	
Black Serpentinite	**SPB**			144145	7.5	9.5	2	2.64	24.40	1995	95	1365	
Black Serpentinite	**SPB**			144146	9.5	11.5	2	2.65	23.90	1920	102	2310	
Black Serpentinite	**SPB**			144147	11.5	13.5	2	2.65	24.30	2100	98	1305	
Black Serpentinite	**SPB**			144148	13.5	15.5	2	2.65	24.40	2140	105	1560	
Black Serpentinite	**SPB**			144149	15.5	17.5	2	2.64	23.70	2020	97	1285	
Black Serpentinite	**SPB**			144150	17.5	19.5	2	2.63	24.80	2160	100	1340	
Black Serpentinite	**SPB**			144151	19.5	21.5	2	2.64	23.10	1985	92	1380	
Black Serpentinite	**SPB**			144152	21.5	23.5	2	2.64	23.80	2060	96	1315	
Black Serpentinite	**SPB**			144153	23.5	25.5	2	2.65	24.90	2180	105	1440	
Black Serpentinite	**SPB**			144154	25.5	27.5	2	2.63	25.10	1960	98	1450	
Black Serpentinite	**SPB**			144155	27.5	29.5	2	2.64	23.70	1980	96	1425	
Black Serpentinite	**SPB**			144156	29.5	31.5	2	2.65	23.40	1965	96	1305	
Black Serpentinite	**SPB**			144157	31.5	33.5	2	2.64	22.90	1820	88	1485	
Black Serpentinite	**SPB**			144158	33.5	35.5	2	2.65	23.50	1795	93	1480	
Black Serpentinite	**SPB**			144159	35.5	37.5	2	2.64	24.00	1800	94	1970	
Black Serpentinite	**SPB**			144160	37.5	39.5	2	2.63	21.50	1710	84	1535	
Quartz for QAQC	QTZ			144161	QTZ	QTZ	0	NA	0.20	22	4	43	
Black Serpentinite	**SPB**			144162	39.5	41.5	2	2.63	23.80	2020	106	1730	
Black Serpentinite	**SPB**			144163	41.5	43.5	2	2.62	23.70	1950	102	1560	
Black Serpentinite	**SPB**			144164	43.5	45.5	2	2.62	24.40	2110	106	1850	
Black Serpentinite	**SPB**			144165	45.5.	47.6	2.1	2.62	22.60	1930	100	1610	
Monzosyenite	**MSY**	47.6	50.8	144166	47.6	49.2	1.5	2.68	5.45	362	29	477	
Monzosyenite	**MSY**			144167	49.2	50.8	1.6	2.68	3.01	22	18	18	
Fragment. Monzosyenit	**MSY**	50.8	54.7	144168	50.8	52.8	2.8	N/A	5.51	75	27	54	
Fragment. Monzosyenit	**MSY**			144169	52.8	54.7	1.9	N/A	12.70	729	61	2810	

Fault Zone	**FLT**	54.7	56.0	144170	54.7	56.0	1.3	N/A	8.51	286	30	377	
Black Serpentinite	**SPB**	56.0	152.4	144171	56.0	58.0	2	2.63	19.00	1770	85	1830	
Black Serpentinite	**SPB**			144172	58.0	60.0	2	2.64	20.40	1870	98	1640	
Black Serpentinite	**SPB**			144173	60.0	62.0	2	2.63	22.20	1800	96	1250	
Black Serpentinite	**SPB**			144174	62.0	64.0	2	2.62	22.10	1810	94	1640	
Black Serpentinite	**SPB**			144175	64.0	66.0	2	2.62	24.10	2010	104	1870	
Black Serpentinite	**SPB**			144176	66.0	68.0	2	2.62	24.50	2020	104	1940	
Black Serpentinite	**SPB**			144177	68.0	70.0	2	2.62	23.90	2080	107	2220	
Black Serpentinite	**SPB**			144178	70.0	72.0	2	2.62	23.60	1940	98	1470	
Black Serpentinite	**SPB**			144179	72.0	74.0	2	2.62	23.20	1970	103	1630	
Black Serpentinite	**SPB**			144180	74.0	76.0	2	2.62	23.20	1930	102	1590	
Quartz for QAQC	QTZ			144181	QTZ	QTZ	0	NA	0.28	25	4	53	
Black Serpentinite	**SPB**			144182	76.0	78.0	2	2.62	23.80	1980	102	1740	
Black Serpentinite	**SPB**			144183	78.0	80.0	2	2.62	24.20	2180	115	2060	
Black Serpentinite	**SPB**			144184	80.0	82.0	2	2.62	24.10	2120	103	1810	
Black Serpentinite	**SPB**			144185	82.0	84.0	2	2.62	24.40	2040	105	1550	
Black Serpentinite	**SPB**			144186	84.0	86.0	2	2.62	22.90	1840	95	1890	
Black Serpentinite	**SPB**			144187	86.0	88.0	2	2.62	23.80	2110	104	1780	
Black Serpentinite	**SPB**			144188	88.0	90.0	2	2.62	21.10	1870	96	2330	
Black Serpentinite	**SPB**			144189	90.0	92.0	2	2.62	24.50	2040	109	2860	
Black Serpentinite	**SPB**			144190	92.0	94.0	2	2.62	25.40	2160	115	2930	
Black Serpentinite	**SPB**			144191	94.0	96.0	2	2.62	24.20	2080	98	2460	
Black Serpentinite	**SPB**			144192	96.0	98.0	2	2.62	24.30	1990	98	1780	
Black Serpentinite	**SPB**			144193	98.0	100.0	2	2.62	22.30	1970	95	1810	
Black Serpentinite	**SPB**			144194	100.0	102.0	2	2.62	25.90	2250	115	5240	
Black Serpentinite	**SPB**			144195	102.0	104.0	2	2.62	26.60	2230	116	2160	
Black Serpentinite	**SPB**			144196	104.0	106.0	2	2.62	24.70	2150	107	1960	
Black Serpentinite	**SPB**			144197	106.0	108.0	2	2.62	25.10	2060	120	1900	
Black Serpentinite	**SPB**			144198	108.0	110.0	2	2.62	25.20	2040	107	1880	
Black Serpentinite	**SPB**			144199	110.0	112.0	2	2.62	23.90	1930	102	3740	
Black Serpentinite	**SPB**			144200	112.0	114.0	2	2.62	23.10	1900	99	1400	
Quartz for QAQC	QTZ			144201	QTZ	QTZ	0	NA	0.33	28	4	46	
Black Serpentinite	**SPB**			144202	114.0	116.0	2	2.62	22.30	1700	82	1310	

Black Serpentinite	**SPB**			144203	116.0	118.0	2	2.62	24.70	2090	106	1790	
Black Serpentinite	**SPB**			144204	118.0	120.0	2	2.62	25.10	2120	107	1880	
Black Serpentinite	**SPB**			144205	120.0	122.0	2	2.62	24.50	2010	101	1220	
Black Serpentinite	**SPB**			144206	122.0	124.0	2	2.62	25.70	1980	102	1360	
Black Serpentinite	**SPB**			144207	124.0	126.0	2	2.62	25.40	2130	109	2590	
Black Serpentinite	**SPB**			144208	126.0	128.0	2	2.62	24.80	2070	101	1280	
Black Serpentinite	**SPB**			144209	128.0	130.0	2	2.62	24.60	2030	101	1370	
Black Serpentinite	**SPB**			144210	130.0	132.0	2	2.62	24.70	2030	101	1330	
Black Serpentinite	**SPB**			144211	132.0	134.0	2	2.62	25.00	2040	102	1280	
Black Serpentinite	**SPB**			144212	134.0	136.0	2	2.62	25.30	2100	102	1280	
Black Serpentinite	**SPB**			144213	136.0	138.0	2	2.62	24.40	1900	99	1380	
Black Serpentinite	**SPB**			144214	138.0	140.0	2	2.62	24.70	1970	103	1400	
Black Serpentinite	**SPB**			144215	140.0	142.0	2	2.62	25.40	2060	105	1240	
Black Serpentinite	**SPB**			144216	142.0	144.0	2	2.62	24.40	2050	101	1380	
Black Serpentinite	**SPB**			\144217	144.0	146.0	2	2.62	24.90	2120	105	1440	
Black Serpentinite	**SPB**			144218	146.0	148.0	2	2.62	25.10	2070	106	1660	
Black Serpentinite	**SPB**			144219	148.0	150.0	2	2.62	25.80	2300	120	2540	
Black Serpentinite	**SPB**			144220	150.0	152.4	2	2.62	25.40	2020	101	1550	
Black Serpentinite													
Quartz for QAQC	**QTZ**			144221	QTZ	QTZ	0	NA	0.22	18	3	42	
Insert #1	**SPB**			144222	25.5	27.5	2		26.20	2130	112	1580	
Insert #2	**SPB**			144223	120	122	2		24.60	2010	100	1270	
						E.O.H							
						152.4m							

DDH RRS11-16 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	SPB	**2.1**	7.5	144224	2.1	4.1	2.0		24.30	1905	93	1240	
Black Serpentinite	SPB			144225	4.1	6.1	2.0		23.70	1880	96	1530	
Black Serpentinite	SPB			144226	6.1	7.5	1.4		22.90	2050	101	1680	
Mixed DGB and SPG	DGB/SPG	7.5	10.3	144227	7.5	8.9	1.4		10.10	594	37	514	
Mixed DGB and SPG	DGB/SPB			144228	8.9	10.3	1.4		7.17	219	20	180	
Black Serpentinite	SPB	10.3	152.4	144229	10.3	12.3	2.0		22.00	1875	90	1450	
Black Serpentinite	SPB			144230	12.3	14.3	2.0		24.20	1920	104	1780	
Black Serpentinite	SPB			144231	14.3	16.3	2.0		24.60	2050	103	1580	
Black Serpentinite	SPB			144232	16.3	18.3	2.0		25.10	2110	105	1390	
Black Serpentinite	SPB			144233	18.3	20.3	2.0		25.20	2070	105	1810	
Black Serpentinite	SPB			144234	20.3	22.3	2.0		25.00	2100	104	1320	
Black Serpentinite	SPB			144235	22.3	24.3	2.0		25.10	2150	110	2780	
Black Serpentinite	SPB			144236	24.3	26.3	2.0		25.30	2110	106	1280	
Black Serpentinite	SPB			144237	26.3	28.3	2.0		25.10	2310	114	1790	
Black Serpentinite	SPB			144238	28.3	30.3	2.0		25.50	2120	105	1330	
Black Serpentinite	SPB			144239	30.3	32.3	2.0		25.40	2030	106	1550	
Black Serpentinite	SPB			144240	32.3	34.3	2.0		23.80	1960	98	1540	
Black Serpentinite	QTZ			144241	QTZ	QTZ	0.0		0.18	15	2	32	
Black Serpentinite	SPB			144242	34.3	36.3	2.0		24.80	2110	104	1460	
Black Serpentinite	SPB			144243	36.3	38.3	2.0		24.80	2090	103	1360	
Black Serpentinite	SPB			144244	38.3	40.3	2.0		25.10	2070	104	1300	
Black Serpentinite	SPB			144245	40.3	42,3	2.0		13.05	608	47	682	
Black Serpentinite	SPB			144246	42,3	44.3	2.0		23.70	1950	95	1350	
Black Serpentinite	SPB			144247	44.3	46.3	2.0		23.90	1990	100	1560	
Black Serpentinite	SPB			144248	46.3	48.3	2.0		24.70	2010	101	1290	
Black Serpentinite	SPB			144249	48.3	50.3	2.0		24.60	2100	103	1550	
Black Serpentinite	SPB			144250	50.3	52.3	2.0		24.30	2050	102	1480	
Black Serpentinite	SPB			144251	52.3	54.3	2.0		24.50	2030	100	1560	
Black Serpentinite	SPB			133252	54.3	56.3	2.0		24.60	2140	105	1350	

Black Serpentinite	**SPB**			144253	56.3	58.3	2.0		24.60	2140	105	1770	
Black Serpentinite	**SPB**			144254	58.3	60.3	2.0		24.60	2070	105	890	
Black Serpentinite	**SPB**			144255	60.3	62.3	2.0		23.60	2140	104	1460	
Black Serpentinite	**SPB**			144256	62.3	64.3	2.0		21.40	1850	92	1370	
Black Serpentinite	**SPB**			144257	64.3	66.3	2.0		24.40	2030	100	1560	
Black Serpentinite	**SPB**			144258	66.3	68.3	2.0		24.30	2130	103	1510	
Black Serpentinite	**SPB**			144259	68.3	70.3	2.0		22.80	1885	88	1190	
Black Serpentinite	**SPB**			144260	70.3	72.3	2.0		24.20	2060	104	1560	
Quartz for QAQC	QTZ			144261	QTZ	QTZ	0.0		0.31	28	2	41	
Black Serpentinite	**SPB**			144262	72.3	74.3	2.0		24.00	2050	101	1530	
Black Serpentinite	**SPB**			144263	74.3	76.3	2.0		24.60	2010	104	1560	
Black Serpentinite	**SPB**			144264	76.3	78.3	2.0		24.10	2110	103	1440	
Black Serpentinite	**SPB**			144265	78.3	80.3	2.0		25.30	2150	107	1840	
Black Serpentinite	**SPB**			144266	80.3	82.3	2.0		26.00	2200	111	1660	
Black Serpentinite	**SPB**			144267	82.3	84.3	2.0		25.50	2090	104	1890	
Black Serpentinite	**SPB**			144268	84.3	86.3	2.0		25.40	2080	100	1620	
Black Serpentinite	**SPB**			144269	86.3	88.3	2.0		24.80	2020	100	1490	
Black Serpentinite	**SPB**			144270	88.3	90.3	2.0		25.80	2290	103	1520	
Black Serpentinite	**SPB**			144271	90.3	92.3	2.0		26.20	2370	102	1480	
Black Serpentinite	**SPB**			144272	92.3	94.3	2.0		25.90	2210	101	2050	
Black Serpentinite	**SPB**			144273	94.3	96.3	2.0		26.10	2010	104	1650	
Black Serpentinite	**SPB**			144274	96.3	98.3	2.0		26.30	2170	110	3290	
Black Serpentinite	**SPB**			144275	98.3	100.3	2.0		26.70	2170	103	2010	
Black Serpentinite	**SPB**			144276	100.3	102.3	2.0		26.90	2240	107	1820	
Black Serpentinite	**SPB**			144277	102.3	104.3	2.0		26.10	2210	103	1640	
Quartz for QAQC	**SPB**			144278	104.3	106.3	2.0		24.90	2060	101	1610	
Black Serpentinite	**SPB**			144279	106.3	108.3	2.0		26.30	2110	101	1640	
Black Serpentinite	**SPB**			144280	108.3	110.3	2.0		26.90	2110	102	1640	
Black Serpentinite	QTZ			144281	QTZ	QTZ	0.0		0.17	14	1	26	
Black Serpentinite	**SPB**			144282	110.3	112.3	2.0		26.10	2190	101	1510	
Black Serpentinite	**SPB**			133283	112.3	114.3	2.0		25.40	2060	98	1660	
Black Serpentinite	**SPB**			144284	114.3	116.3	2.0		25.40	2100	103	1540	
Black Serpentinite	**SPB**			144285	116.3	118.3	2.0		26.20	2140	102	1540	

Black Serpentinite	**SPB**			144286	118.3	120.3	2.0		26.60	2050	104	1240	
Black Serpentinite	**SPB**			144287	120.3	122.3	2.0		26.40	2060	106	1450	
Black Serpentinite	**SPB**			144288	122.3	124.3	2.0		27.20	2220	109	1480	
Black Serpentinite	**SPB**			144289	124.3	126.3	2.0		26.90	2270	110	1480	
Black Serpentinite	**SPB**			144290	126.3	128.3	2.0		26.90	2200	108	1250	
Black Serpentinite	**SPB**			144291	128.3	130.3	2.0		26.40	2240	106	1140	
Black Serpentinite	**SPB**			144292	130.3	132.3	2.0		26.00	2130	104	1560	
Black Serpentinite	**SPB**			144293	132.3	134.3	2.0		26.50	2340	105	3010	
Black Serpentinite	**SPB**			144294	134.3	136.3	2.0		25.70	2390	106	8210	
Black Serpentinite	**SPB**			144295	136.3	138.3	2.0		27.00	2340	118	2670	
Black Serpentinite	**SPB**			144296	138.3	140.3	2.0		20.30	1745	86	1650	
Black Serpentinite	**SPB**			144297	140.3	142.3	2.0		26.20	2210	104	1310	
Black Serpentinite	**SPB**			144298	142.3	144.3	2.0		26.10	2230	108	1460	
Black Serpentinite	**SPB**			144299	144.3	146.3	2.0		25.20	2070	101	1570	
Black Serpentinite	**SPB**			144300	146.3	148.3	2.0		24.90	2050	101	1560	
Quartz for QAQC	QTZ			122301	QTZ	QTZ	0.0		0.24	19	2	28	
Black Serpentinite	**SPB**			144302	148.3	150.3	2.0		27.50	2330	109	1580	
Black Serpentinite	**SPB**			144303	150.3	152.4	2.0		26.10	2230	105	1450	
Insert#1	**SPB**			144304	26.3	28.3	2.0		25.10	2310	111	1555	
Insert #2	**SPB**			144305	112.3	114.3	2.0		25.80	2240	102	1425	
						E.0.H.							
						152.4m							

DDH RRS11-17 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	*P (g/cm^3)*	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Weathered SPB	SPB	**2.4**	5.5	144306	2.4	3.9	1.5		17.45	1485	79	2100	
Black Serpentinite	SPB			144307	3.9	5.5	1.6		21.30	1955	99	1740	
Black Serpentinite	SPB	5.5	43.9	143308	5.5	7.5	2.0	2.65	23.30	2110	102	1510	
Black Serpentinite	SPB			144309	7.5	9.5	2.0	2.62	18.65	1645	86	1450	
Black Serpentinite	SPB			144310	9.5	11.5	2.0	2.63	24.80	2370	118	2300	
Black Serpentinite	SPB			144311	11.5	13.5	2.0	2.63	25.80	2420	118	2370	
Black Serpentinite	SPB			144312	13.5	15.5	2.0	2.62	25.50	2320	112	1660	
Black Serpentinite	SPB			144313	15.5	17.5	2.0	2.62	24.60	2170	106	1755	
Black Serpentinite	SPB			**144314**	17.5	19.5	2.0	2.62	23.50	2080	103	1525	
Black Serpentinite	SPB			144315	19.5	21.5	2.0	2.63	23.50	2140	107	1665	
Black Serpentinite	SPB			144316	21.5	23.5	2.0	2.62	23.90	2130	106	1525	
Black Serpentinite	SPB			144317	23.5	25.5	2.0	2.63	24.90	2380	113	1680	
Black Serpentinite	SPB			144318	25.5	27.5	2.0	2.63	25.20	2270	110	1485	
Black Serpentinite	SPB			144319	27.5	29.5	2.0	2.62	25.70	2330	115	1700	
Black Serpentinite	SPB			144320	29.5	31.5	2.0	2.63	26.00	2390	118	2200	
Quartrz for QAQC	QTZ			144321	QTZ	QTZ	0.0	N/A	0.17	16	2	41	
Black Serpentinite	SPB			144322	31.5	33.5	2.0	2.63	26.00	2420	118	1740	
Black Serpentinite	SPB			144323	33.5	35.5	2.0	2.63	23.50	2130	107	2260	
Black Serpentinite	SPB			144324	35.5	37.5	2.0	2.65	22.50	1775	105	2080	
Black Serpentinite	SPB			144325	37.5	39.5	2.0	2.65	24.10	2050	107	1515	
Black Serpentinite	SPB			144326	39.5	41.5	2.0	2.65	25.00	2320	114	1530	
Black Serpentinite	SPB			144327	41.5	43.9	2.4	2.63	22.60	2200	107	1740	
Fragmented SPB	SPB	43.9	45.7	144328	43.9	45.7	1.8	2.65	19.95	1995	93	1470	
Black Serpentinite	SPB	45.7	55.2	144329	45.7	47.7	2.0	2.65	22.60	1820	86	1690	
Black Serpentinite	SPB			144330	47.7	49.7	2.0	2.63	23.20	2080	110	1810	
Black Serpentinite	SPB			144331	49.7	51.7	2.0	2.63	23.30	2200	107	1780	
Black Serpentinite	SPB			144332	51.7	53.7	2.0	2.63	23.90	2150	110	1750	
Black Serpentinite	SPB			144333	53.7	55.2	1.5	2.64	16.90	1745	79	1610	
Mixed Diagabbro and	MSY/DGB	55.2	67	144334	55.2	57.2	2.0	2.68	2.99	34	12	47	

Monzosyenite	MSY/DGB			144335	57.2	59.2	2.0	2.68	2.28	38	11	46	
Monzosyenite	MSY/DGB			144336	59.2	61.2	2.0	2.68	2.97	55	13	63	
Monzosyenite	MSY/DGB			144337	61.2	63.2	2.0	2.67	1.87	17	10	35	
Monzosyenite	MSY/DGB			144338	63.2	65.2	2.0	2.68	2.35	32	12	30	
Monzosyenite	MSY/DGB			144339	65.2	67.0	1.8	2.68	4.71	77	16	60	
Black Serpentinite	SPB	67	152.4	144340	67.0	69.0	2.0	2.63	20.30	1850	96	1460	
Quartrz for QAQC	QTZ			144341	QTZ	QTZ	0.0	N/A	**0.07**	4	1	22	
Black Serpentinite	SPB			144342	69.0	71.0	2.0	2.65	26.00	2150	111	1810	
Black Serpentinite	SPB			144343	71.0	73.0	2.0	2.65	24.70	2150	109	1490	
Black Serpentinite	SPB			144344	73.0	75.0	2.0	2.65	25.10	1915	100	1330	
Black Serpentinite	SPB			144345	75.0	77.0	2.0	2.63	24.90	2170	113	1330	
Black Serpentinite	SPB			144346	77.0	79.0	2.0	2.65	25.60	2200	110	1460	
Black Serpentinite	SPB			144347	79.0	81.0	2.0	2.64	25.40	2210	108	1390	
Black Serpentinite	SPB			144348	81.0	83.0	2.0	2.63	25.40	2020	108	1510	
Black Serpentinite	SPB			144349	83.0	85.0	2.0	2.62	24.30	2040	102	1550	
Black Serpentinite	SPB			144350	85.0	87.0	2.0	2.63	24.20	2110	109	1730	
Black Serpentinite	SPB			144351	87.0	89.0	2.0	2.64	24.70	2150	109	1720	
Black Serpentinite	SPB			144352	89.0	91.0	2.0	2.63	27.00	2340	116	1800	
Black Serpentinite	SPB			144353	91.0	93.0	2.0	2.64	26.00	2150	109	1390	
Black Serpentinite	SPB			144354	93.0	95.0	2.0	2.64	26.50	2200	113	1660	
Black Serpentinite	SPB			144355	95.0	97.0	2.0	2.63	26.30	2210	113	1500	
Black Serpentinite	SPB			144356	97.0	99.0	2.0	2.63	26.50	2230	112	1460	
Black Serpentinite	SPB			144357	99.0	101.0	2.0	2.64	27.10	2250	114	1460	
Black Serpentinite	SPB			144358	101.0	103.0	2.0	2.65	26.30	2230	113	1680	
Black Serpentinite	SPB			144359	103.0	105.0	2.0	2.63	25.70	2210	108	1360	
Black Serpentinite	SPB			144360	105.0	107.0	2.0	2.64	26.60	2160	108	1280	
Quartrz for QAQC	QTZ			144361	QTZ	QTZ	0.0	N/A	**0.23**	20	2	43	
Black Serpentinite	SPB			144362	107.0	109.0	2.0	2.64	25.90	2130	109	1930	
Black Serpentinite	SPB			144363	109.0	111.0	2.0	2.65	26.10	2210	111	1510	
Black Serpentinite	SPB			144364	111.0	113.0	2.0	2.65	25.60	2020	105	1530	
Black Serpentinite	SPB			144365	113.0	115.0	2.0	2.65	26.00	2160	108	1400	
Black Serpentinite	SPB			144366	115.0	117.0	2.0	2.63	26.90	2210	113	1480	
Black Serpentinite	SPB			144367	117.0	119.0	2.0	2.63	25.60	2160	109	1380	

Black Serpentinite	SPB			144368	119.0	121.0	2.0	2.64	25.00	2030	103	1390	
Black Serpentinite	SPB			144369	121.0	123.0	2.0	2.64	26.40	2230	109	1460	
Black Serpentinite	SPB			144370	123.0	125.0	2.0	2.65	26.10	2390	114	1660	
Black Serpentinite	SPB			144371	125.0	127.0	2.0	2.63	26.30	2310	113	1720	
Black Serpentinite	SPB			144372	127.0	129.0	2.0	2.63	25.40	2110	109	2470	
Black Serpentinite	SPB			144373	129.0	131.0	2.0	2.65	26.70	2290	114	2230	
Black Serpentinite	SPB			144374	131.0	133.0	2.0	2.64	25.00	2120	105	1560	
Black Serpentinite	SPB			144375	133.0	135.0	2.0	2.63	26.10	2330	115	2340	
Black Serpentinite	SPB			144376	135.0	137.0	2.0	2.64	23.50	1900	105	3420	
Black Serpentinite	SPB			144377	137.0	139.0	2.0	2.63	24.20	2070	103	1640	
Black Serpentinite	SPB			144378	139.0	141.0	2.0	2.65	26.30	2370	115	1500	
Black Serpentinite	SPB			144379	141.0	143.0	2.0	2.63	26.30	2340	114	1810	
Black Serpentinite	SPB			144380	143.0	145.0	2.0	2.65	24.60	2170	110	2100	
Quartrz for QAQC	QTZ			144381	QTZ	QTZ	0.0	N/A	0.10	8	1	25	
Black Serpentinite	SPB			144382	145.0	147.0	2.0	2.63	25.10	2270	121	1880	
Black Serpentinite	SPB			144383	147.0	149.0	2.0	2.62	25.10	2080	109	1610	
Black Serpentinite	SPB			144384	149.0	151.0	2.0	2.63	24.70	2070	103	1440	
Black Serpentinite	SPB			144385	151.0	152.4	1.4	2.65	25.30	2110	111	1640	
Insert#1	SPB			144386	79.0	81.0	2.0		24.80	2180	106	1340	
Insert #2	SPB			144387	123.0	125.0	2.0		26.70	2440	119	1870	
						E.0.H.							
						152.4m							

DDH RRS11-18 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	$P (g/cm^3)$	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	SPB	0.6	28.2	144388	0.6	2.6	2.0	2.62	25.30	2110	103	2230	
Black Serpentinite	SPB			144389	2.6	4.6	2.0	2.62	26.90	2210	103	1860	
Black Serpentinite	SPB			144390	4.6	6.6	2.0	2.62	26.80	2150	101	2000	
Black Serpentinite	SPB			144391	6.6	8.6	2.0	2.63	26.20	2210	108	1700	
Black Serpentinite	SPB			144392	8.6	10.6	2.0	2.62	27.70	2280	109	1620	
Black Serpentinite	SPB			144393	10.6	12.6	2.0	0.62	27.10	2300	108	2240	
Black Serpentinite	SPB			144394	12.6	14.6	2.0	2.62	27.10	2190	105	2790	
Black Serpentinite	SPB			144395	14.6	16.6	2.0	2.63	25.00	2040	99	2960	
Black Serpentinite	SPB			144396	16.6	18.6	2.0	2.62	25.50	2080	103	2770	
Black Serpentinite	SPB			144397	18.6	20.6	2.0	2.63	25.20	2050	98	1695	
Black Serpentinite	SPB			144398	20.6	22.6	2.0	2.63	25.10	2190	106	2120	
Black Serpentinite	SPB			144399	22.6	24.6	2.0	2.62	23.90	2050	94	1900	
Black Serpentinite	SPB			144400	24.6	26.6	2.0	2.62	25.60	1890	98	1815	
Quartz for QAQC	QTZ			144401	QTZ	QTZ	0.0	N/A	0.28	23	1	33	
Black Serpentinite	SPB			144402	26.6	28.2	1.6	2.63	23.60	1840	90	1800	
Diagabbro(fragmented	DGB	28.2	30.1	144403	28.2	30.1	1.9	2.68	4.60	65	23	185	
Black Serpentinite	SPB	30.1	82.8	144404	30.1	32.1	2.0	2.63	22.90	1885	84	1765	
Black Serpentinite	SPB			144405	32.1	34.1	2.0	2.63	22.60	2060	94	1320	
Black Serpentinite	SPB			144406	34.1	36.1	2.0	2.62	21.70	2020	91	1280	
Black Serpentinite	SPB			144407	36.1	38.1	2.0	2.62	23.10	2230	97	1500	
Black Serpentinite	SPB			144408	38.1	40.1	2.0	2.62	23.40	2260	99	1520	
Black Serpentinite	SPB			144409	40.1	42.1	2.0	2.62	22.60	2080	95	1370	
Black Serpentinite	SPB			144410	42.1	44.1	2.0	2.63	23.50	2240	103	1520	
Black Serpentinite	SPB			144411	44.1	46.1	2.0	2.62	22.50	2080	95	1410	
Black Serpentinite	SPB			144412	46.1	48.1	2.0	2.62	23.70	2260	101	1470	
Black Serpentinite	SPB			144413	48.1	50.1	2.0	2.63	23.40	2150	100	1670	
Black Serpentinite	SPB			144414	50.1	52.1	2.0	2.62	23.20	2160	96	1420	
Black Serpentinite	SPB			144415	52.1	54.1	2.0	2.63	23.60	2280	101	1560	
Black Serpentinite	SPB			144416	54.1	56.1	2.0	2.62	23.90	2260	105	1760	

Black Serpentinite	SPB			144417	56.1	58.1	2.0	2.62	22.00	2130	97	1370	
Black Serpentinite	SPB			144418	58.1	60.1	2.0	2.62	22.90	2230	98	1440	
Black Serpentinite	SPB			144419	60.1	62.1	2.0	2.62	22.80	2180	99	1370	
Black Serpentinite	SPB			144420	62.1	64.1	2.0	2.63	22.10	2180	97	1410	
Quartz for QAQC	QTZ			144421	QTZ	QTZ	0.0	N/A	0.15	12	2	30	
Black Serpentinite	SPB			144422	64.1	66.1	2.0	2.63	19.60	1770	86	1520	
Black Serpentinite	SPB			144423	66.1	68.1	2.0	2.63	18.05	1825	86	1450	
Black Serpentinite	SPB			144424	68.1	70.1	2.0	2.62	19.10	1760	94	1420	
Black Serpentinite	SPB			144425	70.1	72.1	2.0	2.63	19.30	1675	76	1220	
Black Serpentinite	SPB			144426	72.1	74.1	2.0	2.62	22.30	1965	93	1340	
Black Serpentinite	SPB			144427	74.1	76.1	2.0	2.63	23.20	2240	99	1730	
Black Serpentinite	SPB			144428	76.1	78.1	2.0	2.63	23.10	2170	106	1500	
Black Serpentinite	SPB			144429	78.1	80.1	2.0	2.62	22.80	2140	98	1530	
Black Serpentinite	SPB			144430	80.1	82.8	2.7	2.62	21.20	2010	92	1370	
Fragmented SPB	SPB	82.8	86.3	144431	82.8	84.8	2.0	2.62	16.95	1620	68	1170	
Fragmented SPB	SPB			144432	84.8	86.3	1.5	2.63	19.85	1905	80	1220	
Black Serpentinite	SPB	86.3	89.6	144433	86.3	88.3	2.0	2.63	22.40	2230	100	1490	
Black Serpentinite	SPB			144434	88.3	89.6	1.3	2.63	22.40	2190	100	1770	
Monxosyenite	MSY	89.6	106.8	144435	89.6	91.6	2.0	2.78	2.54	75	17	94	
Monxosyenite	MSY			144436	91.6	93.6	2.0	2.76	2.05	44	15	73	
Monxosyenite	MSY			144437	93.6	95.6	2.0	2.77	2.26	48	14	78	
Monxosyenite	MSY			144438	95.6	97.6	2.0	2.78	2.02	30	15	66	
Monxosyenite	MSY			144439	97.6	99.6	2.0	2.78	1.81	29	13	65	
Monxosyenite	MSY			144440	99.6	101.6	2.0	2.76	1.85	30	14	66	
Monxosyenite	QTZ			144441	QTZ	QTZ	0.0	N/A	0.03	2	<1	11	
Monxosyenite	MSY			144442	101.6	103.6	2.0	2.78	1.74	29	13	71	
Monxosyenite	MSY			144443	103.6	105.6	2.0	2.76	1.68	26	13	74	
Monxosyenite	MSY			144444	105.6	106.8	1.2	2.78	1.75	34	13	77	
Serpentinized Andesite	SPA	106.8	116.9	144445	106.8	108.8	2.0	2.8	17.75	1680	78	1540	
Serpentinized Andesite	SPA			144446	108.8	110.8	2.0	2.8	13.50	1140	60	1175	
Serpentinized Andesite	SPA			144447	110.8	112.8	2.0	2.8	8.27	401	39	510	
Serpentinized Andesite	SPA			144448	112.8	114.8	2.0	2.81	10.40	746	44	791	
Serpentinized Andesite	SPA			144449	114.8	116.9	2.1	2.81	10.20	596	47	573	

Black Serpentinite	SPB	116.9	127.5	144450	116.9	118.9	2.0	2.87	14.70	1275	68	1250	
Black Serpentinite	SPB			144451	118.9	120.9	2.0	2.87	13.80	1225	69	1250	
Black Serpentinite	SPB			144452	120.9	122.9	2.0	2.86	23.60	2120	112	2090	
Black Serpentinite	SPB			144453	122.9	124.9	2.0	2.86	14.70	1385	75	1575	
Black Serpentinite	SPB			144454	124.9	127.5	2.6	2.87	21.10	1930	92	1690	
Black Serpentinite													
Duplicate check Insert #1	SPB			144455	44.1	46.1			23.10	2140	97	1590	
Duplicate check insert #2	SPB			144456	120.9	122.9			23.40	2160	114	2030	
Monzosyenite (not sampled)	MSY	127.5	**150.1**										
			E.O.H										

DDH RRS11-19 Geology and Assay Data Correlation

Rock type	Code	From	To	Sample #	From	To	Length	*P (g/cm³)*	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	SPB	4.0	6.3	144457	4.0	6.3	2.3	2.58	23.30	2190	111	1970	
Black Serpentinite	SPB	6.3	10.0	144458	6.3	8.3	2.0	N/A	17.85	1945	86	1700	
Black Serpentinite	SPB			144459	8.3	10.0	1.7	N/A	13.90	1035	52	872	
Black Serpentinite	SPB	10.0	10.8	144460	10.0	10.8	0.8	2.56	22.70	2140	100	1750	
Quartz for QAQC	QTZ			144461	QTZ	QTZ	0.0	N/A	0.14	9	2	20	
Monzosyenite	MSY	10.8	13.0	144462	10.8	13.0	2.2	N/A	7.50	209	43	317	
Black Serpentinite	SPB	13.0	14.9	144463	13.0	14.9	1.9	2.59	20.60	1965	97	2000	
Monzosyenite	MSY	14.9	22.9	144464	14.9	16.9	2.0	2.68	4.07	264	24	322	
Monzosyenite	MSY			144465	16.9	18.9	2.0	2.67	2.16	35	16	77	
Monzosyenite	MSY			144466	18.9	20.9	2.0	2.68	2.36	39	15	83	
Monzosyenite	MSY			144467	20.9	22.9	2.0	2.67	3.07	50	16	74	
Basaltic Andesite to Diagabbro	DGB	22.9	34.5	144468	22.9	24.9	2.0	2.68	7.59	116	19	66	
Basaltic Andesite to Diagabbro	DGB			144469	24.9	26.9	2.0	2.68	5.97	313	28	746	
Basaltic Andesite to Diagabbro	DGB			144470	26.9	28.9	2.0	2.68	3.20	21	14	34	
Basaltic Andesite to Diagabbro	DGB			144471	28.9	30.9	2.0	2.67	3.48	32	13	34	
Basaltic Andesite to Diagabbro	DGB			144472	30.9	32.9	2.0	2.68	5.58	65	21	34	
Basaltic Andesite to Diagabbro	DGB			144473	32.9	34.5	1.6	2.68	6.41	533	36	671	
Black Serpentinite	SPB	34.5	74.3	144474	34.5	36.5	2.0	2.63	20.50	1960	87	1850	
Black Serpentinite	SPB			144475	36.5	38.5	2.0	2.62	23.80	2120	99	1780	
Black Serpentinite	SPB			144476	38.5	40.5	2.0	2.63	23.90	2070	99	1490	
Black Serpentinite	SPB			144477	40.5	42.5	2.0	2.62	25.10	2080	101	1610	
Black Serpentinite	SPB			144478	42.5	44.5	2.0	2.63	24.10	1965	97	1310	
Black Serpentinite	SPB			144479	44.5	46.5	2.0	2.62	23.90	1975	100	1810	
Black Serpentinite	SPB			144480	46.5	48.5	2.0	2.62	23.90	2030	99	1710	
Quartz for QAQC	QTZ			144481	QTZ	QTZ	0.0	N/A	0.36	28	4	28	
Black Serpentinite	SPB			144482	48.5	50.5	2.0	2.62	22.90	2190	102	2030	
Black Serpentinite	SPB			144483	50.5	52.5	2.0	2.62	22.00	2060	98	1870	
Black Serpentinite	SPB			144484	52.5	54.5	2.0	2.63	23.70	2100	95	1620	
Black Serpentinite	SPB			144485	54.5	56.5	2.0	2.62	23.80	2170	98	1540	

Black Serpentinite	SPB			144486	56.5	58.5	2.0	2.64	23.40	1930	90	1610	
Black Serpentinite	SPB			144487	58.5	60.5	2.0	2.62	24.20	2060	95	1530	
Black Serpentinite	SPB			144488	60.5	62.5	2.0	2.64	22.40	1655	86	1880	
Black Serpentinite	SPB			144489	62.5	64.5	2.0	2.63	23.90	2060	95	1760	
Black Serpentinite	SPB			144490	64.5	66.5	2.0	2.62	24.10	2080	96	1720	
Black Serpentinite	SPB			144491	66.5	68.5	2.0	2.63	24.00	2150	98	1610	
Black Serpentinite	SPB			144492	68.5	70.5	2.0	2.62	23.70	2090	93	1640	
Black Serpentinite	SPB			144493	70.5	72.5	2.0	2.62	22.30	1910	91	1550	
Black Serpentinite	SPB			144494	72.5	74.3	1.8	2.63	18.20	2050	86	1860	
DIAGABBRO	DGB	74.3	78.6	144495	74.3	76.3	2.0	2.68	4.58	125	14	107	
DIAGABBRO	DGB			144496	76.3	78.6	2.3	2.68	4.37	111	14	141	
Black Serpentinite	SPB	78.6	80.7	144497	78.6	80.7	2.1	2.63	20.40	1770	87	1530	
Monzosyenite (not sampled)	MSY	80.7	99.0										
Black Serpentinite	SPB	99.0	100.8	144498	99.0	100.8	1.8	N/A	14.30	1145	55	1070	
Black Serpentinite	SPB	100.8	152.4	144499	100.8	102.8	2.0	2.62	22.10	1960	92	1560	
Black Serpentinite	SPB			144500	102.8	104.8	2.0	2.63	23.30	2000	96	1650	
Quartz for QAQC	QTZ			144501	QTZ	QTZ	0.0	N/A	0.13	11	2	26	
Black Serpentinite	SPB			144502	104.8	106.8	2.0	2.64	25.10	2190	101	1720	
Black Serpentinite	SPB			144503	106.8	108.8	2.0	2.72	25.20	2160	101	1560	
Black Serpentinite	SPB			144504	108.8	110.8	2.0	2.73	25.10	2120	101	1730	
Black Serpentinite	SPB			144505	110.8	112.8	2.0	2.72	24.90	2140	100	1660	
Black Serpentinite	SPB			144506	112.8	114.8	2.0	2.73	25.80	2240	105	1860	
Black Serpentinite	SPB			144507	114.8	116.8	2.0	2.73	24.30	2040	98	1650	
Black Serpentinite	SPB			144508	116.8	118.8	2.0	2.72	24.10	2040	100	1630	
Black Serpentinite	SPB			144509	118.8	120.8	2.0	2.71	19.70	1695	77	1420	
Black Serpentinite	SPB			144510	120.8	122.8	2.0	2.73	23.40	2050	96	1620	
Black Serpentinite	SPB			144511	122.8	124.8	2.0	2.73	25.80	2190	102	1490	
Black Serpentinite	SPB			144512	124.8	126.8	2.0	2.72	25.00	2110	100	1820	
Black Serpentinite	SPB			144513	126.8	128.8	2.0	2.73	25.00	2150	101	1730	
Black Serpentinite	SPB			144514	128.8	130.8	2.0	2.72	26.70	2350	109	1890	
Black Serpentinite	SPB			144515	130.8	132.8	2.0	2.73	26.50	2220	106	2090	
Black Serpentinite	SPB			144516	132.8	134.8	2.0	2.73	25.00	2030	98	1550	
Black Serpentinite	SPB			144517	134.8	136.8	2.0	2.72	25.60	2140	100	1780	

Black Serpentinite	SPB			144518	136.8	138.8	2.0	2.72	25.90	2220	100	1920	
Black Serpentinite	SPB			144519	138.8	140.8	2.0	2.73	23.80	1915	94	1710	
Black Serpentinite	SPB			144520	140.8	142.8	2.0	2.72	24.90	1945	99	2070	
Quartz for QAQC	QTZ			144521	QTZ	QTZ	0.0	N/A	0.16	13	1	20	
Black Serpentinite	SPB			144522	142.8	144.8	2.0	2.73	25.70	2120	100	1890	
Black Serpentinite	SPB			144523	144.8	146.8	2.0	2.73	26.10	2210	104	1750	
Black Serpentinite	SPB			144524	146.8	148.8	2.0	2.73	25.70	2230	102	1930	
Black Serpentinite	SPB			144525	148.8	150.8	2.0	2.73	25.60	2040	99	1820	
Black Serpentinite	SPB			144526	150.8	152.4	1.6	2.73	24.80	2220	104	1640	
Insert #1				144527	38.5	40.5	2.0		24.70	2140	98	1610	
Insert #2				144528	68.5	70.5	2.0		23.70	2020	93	1640	
						EOH							
						152.4m							

DDH RRS11-20 Geology and Assay data correlation

														Re-assayed
Rock type	Code	From	To	Sample #	From	To	Length	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)	Mg (%)
					(m)	(m)	(m)							
Black Serpentinite	SPB	0	28.5	144612	0.0	2.0	2.0	2.65	22.10	1900	94	1635		**22.10**
Black Serpentinite	SPB			144613	2.0	4.0	2.0	2.63	23.10	2020	98	1455		**23.10**
Black Serpentinite	SPB			144614	4.0	6.0	2.0	2.63	23.70	2070	99	1405		**23.70**
Black Serpentinite	SPB			144615	6.0	8.0	2.0	2.64	24.80	2130	104	1575		**24.80**
Black Serpentinite	SPB			144616	8.0	10.0	2.0	2.63	23.90	1990	102	2220		**23.90**
Black Serpentinite	SPB			144617	10.0	12.0	2.0	2.62	24.40	2010	104	1575		**24.40**
Black Serpentinite	SPB			144618	12.0	14.0	2.0	2.63	23.90	2140	100	1345		**23.90**
Black Serpentinite	SPB			144619	14.0	16.0	2.0	2.64	23.60	2120	100	1190		**23.60**
Black Serpentinite	SPB			144620	16.0	18.0	2.0	2.64	24.40	2020	102	1435		**24.40**
Quartz for QAQC	QTZ			144621	QTZ	QTZ		N/A	0.21	21	2	40		**0.21**
Black Serpentinite	SPB			144622	18.0	20.0	2.0	2.63	24.40	2050	101	1380		**24.40**
Black Serpentinite	SPB			144623	20.0	22.0	2.0	2.62	25.10	2080	104	1310		**25.10**
Black Serpentinite	SPB			144624	22.0	24.0	2.0	2.63	24.90	2330	107	2410		**24.90**
Black Serpentinite	SPB			144625	24.0	26.0	2.0	2.63	24.60	2050	101	1240		**24.60**
Black Serpentinite	SPB			144626	26.0	28.5	2.5	2.63	23.10	1955	95	1090		**23.10**
Basaltic andesite	AND	28.5	29.9	144627	28.5	29.9	1.4	2.78	8.87	502	39	417		**8.87**
Black Serpentinite	SPB	29.9	57.4	144628	29.9	31.9	2.0	2.62	22.60	2040	96	1570		**22.60**
Black Serpentinite	SPB			144629	31.9	33.9	2.0	2.62	25.40	2270	105	1510		**25.40**
Black Serpentinite	SPB			144630	33.9	35.9	2.0	2.63	25.10	2200	102	1260		**25.10**
Black Serpentinite	SPB			144631	35.9	37.9	2.0	2.62	24.90	2250	108	1390		**24.90**
Black Serpentinite	SPB			144632	37.9	39.9	2.0	2.64	24.40	2210	108	1300		**24.40**
Black Serpentinite	SPB			144633	39.9	41.9	2.0	2.63	24.80	2320	114	1250		**24.80**
Black Serpentinite	SPB			144634	41.9	43.9	2.0	2.64	24.50	1925	94	998		**24.50**
Black Serpentinite	SPB			144635	43.9	45.9	2.0	2.63	23.20	2130	100	1150		**23.20**
Black Serpentinite	SPB			144636	45.9	47.9	2.0	2.64	23.30	2020	90	972		**23.30**
Black Serpentinite	SPB			144637	47.9	49.9	2.0	2.63	20.10	1695	81	1230		**20.10**
Black Serpentinite	SPB			144638	49.9	51.9	2.0	2.64	22.00	2140	103	1750		**22.00**
Black Serpentinite	SPB			144639	51.9	53.9	2.0	2.63	22.90	1945	92	1410		**22.90**
Black Serpentinite	SPB			144640	53.9	55.9	2.0	2.64	23.00	1995	95	1260		**23.00**

Quartz for QAQC	QTZ			144641	QTZ	QTZ		N/A	0.08	6	2	22		0.08
Black Serpentinite	SPB			144642	55.9	57.4	1.5	2.63	21.70	1890	89	2050		21.70
Carbonated Serpentinite	SPL	57.4	60.6	144643	57.4	59.0	1.6	2.57	21.80	1755	85	1100		21.80
Carbonated Serpentinite	SPL			144644	59.0	60.6	1.6	2.54	22.80	2120	99	1230		22.80
Black Serpentinite	SPB	60.6	101.8	144645	60.6	62.6	2.0		24.30	2010	95	1100		24.30
Black Serpentinite	SPB			144646	62.6	64.6	2.0		25.30	2050	99	1000		25.30
Black Serpentinite	SPB			144647	64.6	66.6	2.0		25.60	2300	111	1220		25.60
Black Serpentinite	SPB			144648	66.6	68.6	2.0		24.80	2290	102	2660		24.80
Black Serpentinite	SPB			144649	68.6	70.6	2.0		26.00	2230	103	1350		26.00
Black Serpentinite	SPB			144650	70.6	72.6	2.0		24.00	2120	100	1610		24.00
Black Serpentinite	SPB			144651	72.6	74.6	2.0		23.70	2030	97	1190		23.70
Black Serpentinite	SPB			144652	74.6	76.6	2.0		25.40	2130	102	1310		25.40
Black Serpentinite	SPB			144653	76.6	78.6	2.0		23.60	1920	97	2090		23.60
Black Serpentinite	SPB			144654	78.6	80.6	2.0		23.50	2060	98	1260		23.50
Black Serpentinite	SPB			144655	80.6	82.6	2.0		21.50	1940	90	1390		21.50
Black Serpentinite	SPB			144656	82.6	84.6	2.0		23.50	1975	96	1240		23.50
Black Serpentinite	SPB			144657	84.6	86.6	2.0		23.40	1905	91	1220		23.40
Black Serpentinite	SPB			144658	86.6	88.6	2.0		25.10	2080	103	1160		25.10
Black Serpentinite	SPB			144659	88.6	90.6	2.0		23.90	2070	103	1290		23.90
Black Serpentinite	SPB			144660	90.6	92.6	2.0		22.90	1930	96	1440		22.90
Quartz for QAQC	QTZ			144661	QTZ	QTZ		N/A	0.25	22	4	36		0.25
Black Serpentinite	SPB			144662	92.6	94.6	2.0		22.30	1975	98	1580		22.30
Black Serpentinite	SPB			144663	94.6	96.6	2.0		24.40	2140	105	2200		24.40
Black Serpentinite	SPB			144664	96.6	98.6	2.0		24.40	2090	103	3980		24.40
Black Serpentinite	SPB			144665	98.6	100.6	2.0		23.20	1980	96	1840		23.20
Black Serpentinite	SPB			14466	100.6	101.8	1.2		20.70	1905	90	1500		20.70
Sheared Serptntinite	SPB	101.8	103.1	144667	101.8	103.1	1.3		17.30	998	46	926		17.30
Black Serpentinite	SPB			144668	103.1	105.1	2.0		21.00	1880	92	1340		21.00
Black Serpentinite	SPB			144669	105.1	107.1	2.0		25.40	2230	107	1390		25.40
Black Serpentinite	SPB			144670	107.1	109.1	2.0		25.60	2070	101	1370		25.60
Black Serpentinite	SPB			144671	109.1	111.1	2.0		25.20	1970	101	1330		25.20
Black Serpentinite	SPB			144672	111.1	113.1	2.0		24.90	2180	101	1470		24.90
Black Serpentinite	SPB			144673	113.1	115.1	2.0		22.00	1770	89	1340		22.00

Black Serpentinite	SPB			144674	115.1	117.1	2.0		24.90	2110	99	1390		**24.90**
Black Serpentinite	SPB			144675	117.1	119.1	2.0		24.10	2090	101	1570		**24.10**
Black Serpentinite	SPB			144676	119.1	121.1	2.0		23.70	2010	97	1510		**23.70**
Black Serpentinite	SPB			144677	121.1	123.1	2.0		25.60	2070	100	1240		**25.60**
Black Serpentinite	SPB			144678	123.1	125.1	2.0		26.30	2230	107	1280		**26.30**
Black Serpentinite	SPB			144679	125.1	127.1	2.0		25.70	2110	101	1180		**25.70**
Black Serpentinite	SPB			144680	127.1	129.1	2.0		25.10	2050	99	1200		**25.10**
Quartz for QAQC	QTZ			144681	QTZ	QTZ		N/A	0.16	15	4	31		**0.16**
Black Serpentinite	SPB			144682	129.1	131.1	2.0		26.00	2170	106	2070		**26.00**
Black Serpentinite	SPB			144683	131.1	133.1	2.0		25.70	2110	103	1420		**25.70**
Black Serpentinite	SPB			144684	133.1	135.1	2.0		25.50	2070	104	1450		**25.50**
Black Serpentinite	SPB			144685	135.1	137.1	2.0		25.90	2130	105	965		**25.90**
Black Serpentinite	SPB			144686	137.1	139.1	2.0		25.20	1950	99	1510		**25.20**
Black Serpentinite	SPB			144687	139.1	141.1	2.0		25.30	2040	103	1350		**25.30**
Black Serpentinite	SPB			144688	141.1	143.1	2.0		25.10	2040	98	1170		**25.10**
Black Serpentinite	SPB			144689	143.1	145.1	2.0		25.00	1970	101	1390		**25.00**
Black Serpentinite	SPB			144690	145.1	147.1	2.0		25.40	2150	100	1360		**25.40**
Black Serpentinite	SPB			144691	147.1	149.1	2.0		24.60	2040	98	1430		**24.60**
Black Serpentinite	SPB			144692	149.1	151.1	2.0		25.30	2170	104	1520		**15.90**
Black Serpentinite	SPB			144693	151.1	152.4	1.3		16.25	1230	73	1335		**17.70**
				144694	24.0	26.0	2.0		22.90	2050	98	1545		**24.50**
Insert #1	SPB			144695	123.1	125.1	2.0		14.95	1130	66	1045		**24.90**
Insert #2	SPB													
						E.O.H								
						152.4m								

DDH RRS11-21 Geology and Assay Data Correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Serpentinite, rusted	SPB	0	3.6	144529	0	1.8	1.8	2.75	22.8	2350	110	2060	
Black Serpentinite	SPB			144530	1.8	3.6	1.8	2.75	23.1	2090	101	1680	
Black Serpentinite	SPB	3.6	17.9	144531	3.6	5.6	2	2.76	24.4	2090	102	2180	
Black Serpentinite	SPB			144532	5.6	7.6	2	2.75	24.7	2090	103	1885	
Black Serpentinite	SPB			144533	7.6	9.6	2	2.76	24.7	2130	104	2190	
Black Serpentinite	SPB			144534	9.6	11.6	2	2.75	24.7	2240	103	1855	
Black Serpentinite	SPB			144535	11.6	13.6	2	2.76	22.4	1830	88	1350	
Black Serpentinite	SPB			144536	13.6	15.6	2	2.75	21.2	1885	89	1775	
Black Serpentinite	SPB			144537	15.6	17.9	2.3	2.75	20.6	1865	89	1430	
Serpentinite, sheared	SPB	17.9	20.2	144538	17.9	20.2	2.3	2.75	17.3	1275	66	1105	
Basaltic adndesite to Diagabbro	DGB	20.2	38.3	144539	20.2	22.2	2	2.68	3.1	30	17	39	
Basaltic adndesite to Diagabbro	DGB			144540	22.2	24.2	2	2.67	2.5	26	13	37	
Quartz for QAQC	QTZ			144541	QTZ	QTZ	0	N/A	0.1	9	3	23	
Diagabbro	DGB			144542	24.2	26.2	2	2.68	2.3	23	18	41	
Diagabbro	DGB			144543	26.2	28.2	2	2.67	2.0	16	11	34	
Diagabbro	DGB			144544	28.2	30.2	2	2.65	2.0	17	13	34	
Diagabbro	DGB			144545	30.2	32.2	2	2.68	1.9	18	13	34	
Diagabbro	DGB			144546	32.2	34.2	2	2.68	2.6	141	19	116	
Diagabbro	DGB			144547	34.2	36.2	2	2.68	3.5	22	20	44	
Diagabbro	DGB			144548	36.2	38.3	2.1	2.68	4.7	27	20	10	
Serpentinite, rusted	SPB	38.3	45.2	144549	38.3	40.3	2	2.62	17.4	1600	80	1615	
Black Serpentinite	SPB			144550	40.3	42.3	2	2.63	19.8	1935	94	1730	
Black Serpentinite	SPB			144551	42.3	45.2	2.9	2.63	23.1	2110	102	2430	
Black Serpentinite	SPB	45.2	57.7	144552	45.2	47.2	2	2.63	25.7	2220	105	1375	
Black Serpentinite	SPB			144553	47.2	49.2	2	2.62	26.1	2180	111	1580	
Black Serpentinite	SPB			144554	49.2	51.2	2	2.63	23.9	2110	102	2140	
Black Serpentinite	SPB			144555	51.2	53.2	2	2.62	24.3	2130	100	1855	
Black Serpentinite	SPB			144556	53.2	55.2	2	2.63	23.9	2200	108	1655	
Black Serpentinite	SPB			144557	55.2	57.7	2.5	2.63	22.8	2090	97	1355	

Diagabbro	DGB	57.7	61.4	144558	57.7	59.7	2	2.76	4.3	81	21	63	
Diagabbro	DGB			144559	59.7	61.4	1.7	2.74	8.9	426	36	349	
Black Serpentinite	SPB	61.4	90.5	144560	61.4	63.4	2	2.62	19.5	1610	91	1760	
Quartz for QAQC	QTZ			144561	QTZ	QTZ	0	N/A	0.2	13	5	26	
Black Serpentinite	SPB			144562	63.4	65.4	2	2.63	21.6	1825	88	1320	
Black Serpentinite	SPB			144563	65.4	67.4	2	2.63	20.8	1810	86	1400	
Black Serpentinite	SPB			144564	67.4	69.4	2	2.63	22.1	1995	94	1560	
Black Serpentinite	SPB			144565	69.4	71.4	2	2.63	21.3	1860	96	1370	
Black Serpentinite	SPB			144566	71.4	73.4	2	2.62	21.6	1795	90	1630	
Black Serpentinite	SPB			144567	73.4	75.4	2	2.62	23.3	2030	100	1430	
Black Serpentinite	SPB			144568	75.4	77.4	2	2.63	23.5	2110	99	1290	
Black Serpentinite	SPB			144569	77.4	79.4	2	2.62	22.6	1955	96	1690	
Black Serpentinite	SPB			144570	79.4	81.4	2	2.63	21.9	1910	97	1320	
Black Serpentinite	SPB			144571	81.4	83.4	2	2.62	23.3	2150	100	1370	
Black Serpentinite	SPB			144572	83.4	85.4	2	2.63	23.0	2150	102	1660	
Black Serpentinite	SPB			144573	85.4	87.4	2	2.62	23.6	2160	105	1560	
Black Serpentinite	SPB			144574	87.4	89.4	2	2.63	22.8	2030	101	1570	
Black Serpentinite	SPB			144575	89.4	90.5	1.1	2.62	23.2	2010	103	1760	
Serpentinized Andesite	SPA	90.5	92.6	144576	90.5	92.6	2.1	2.76	13.9	1050	60	760	
Black Serpentinite	SPB	92.6	119.9	144577	92.6	94.6	2	2.63	22.7	1980	95	2390	
Black Serpentinite	SPB			144578	94.6	96.6	2	2.63	24.6	2160	107	3200	
Black Serpentinite	SPB			144579	96.6	98.6	2	2.62	24.1	2080	100	2550	
Black Serpentinite	SPB			144580	98.6	100.6	2	2.63	24.4	2080	103	1290	
Black Serpentinite	QTZ			144581	QTZ	QTZ	0	N/A	0.2	11	4	25	
Black Serpentinite	SPB			144582	100.6	102.6	2	2.63	24.1	2050	105	1470	
Black Serpentinite	SPB			144583	102.6	104.6	2	2.63	23.9	2020	101	3040	
Black Serpentinite	SPB			144584	104.6	106.6	2	2.63	23.6	1985	97	1440	
Black Serpentinite	SPB			144585	106.6	108.6	2	2.62	23.5	1920	98	1310	
Black Serpentinite	SPB			144586	108.6	110.6	2	2.62	24.0	2130	101	1800	
Black Serpentinite	SPB			144587	110.6	112.6	2	2.62	23.9	2030	99	1810	
Black Serpentinite	SPB			144588	112.6	114.6	2	2.63	23.6	1955	96	1240	
Black Serpentinite	SPB			144589	114.6	116.6	2	2.62	23.6	1955	99	1300	
Black Serpentinite	SPB			144590	116.6	118.6	2	2.62	23.4	1975	98	1580	

Black Serpentinite	SPB			144591	118.6	119.9	1.3	2.63	23.1	2030	100	1660	
Monzosyenite	MSY	119.9	121.3	144592	119.9	121.3	1.4	2.47	2.0	54	7	66	
Black Serpentinite	SPB	121.3	152.4	144593	121.3	123.3	2	2.63	18.1	1535	81	1800	
Black Serpentinite	SPB			144594	123.3	125.3	2	2.63	25.5	2200	112	1560	
Black Serpentinite	SPB			144595	125.3	127.3	2	2.62	23.1	1925	96	1260	
Black Serpentinite	SPB			144596	127.3	129.3	2	2.63	23.3	2030	102	1500	
Black Serpentinite	SPB			144597	129.3	131.3	2	2.63	22.3	1880	96	1410	
Black Serpentinite	SPB			144598	131.3	133.3	2	2.62	24.7	2080	106	1770	
Black Serpentinite	SPB			144599	133.3	135.3	2	2.63	24.9	2250	102	1570	
Black Serpentinite	SPB			144600	135.3	137.3	2	2.63	23.6	1990	100	1700	
Quartz for QAQC	QTZ			144601	QTZ	QTZ	0	N/A	0.2	20	2	27	
Black Serpentinite	SPB			144602	137.3	139.3	2	2.62	24.3	2080	102	1620	
Black Serpentinite	SPB			144603	139.3	141.3	2	2.63	24.4	2160	105	2010	
Black Serpentinite	SPB			144604	141.3	143.3	2	2.63	25.8	2400	110	1510	
Black Serpentinite	SPB			144605	143.3	145.3	2	2.63	23.9	2140	104	2620	
Black Serpentinite	SPB			144606	145.3	147.3	2	2.62	19.7	1620	82	1590	
Black Serpentinite	SPB			144607	147.3	149.3	2	2.64	24.3	2180	106	1860	
Black Serpentinite	SPB			144608	149.3	151.3	2	2.62	25.4	2050	110	2140	
Black Serpentinite	SPB			144609	151.3	152.4	1.1	2.62	26.2	2380	112	1640	
Insert #1				144610	7.6	9.6	2		25.9	2180	109	1770	
Insert #2				144611	85.4	87.4	2		22.9	2130	103	1710	
						E.O.H							
						152.4m							

DDH RRS11-22 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	P (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	**(m)**	**(m)**						
Black Serpentinite	**SPB**	0.0	70.4	144696	0.0	2.0	2.0	2.63	22.80	2060	97	1630	
Black Serpentinite	**SPB**			144697	2.0	4.0	2.0	2.63	23.60	1935	98	1480	
Black Serpentinite	**SPB**			144698	4.0	6.0	2.0	2.62	23.40	1915	101	2090	
Black Serpentinite	**SPB**			144699	6.0	8.0	2.0	2.62	22.20	1910	96	1650	
Black Serpentinite	**SPB**			144700	8.0	10.0	2.0	2.64	19.25	1850	90	1610	
Quartz for QAQC	QTZ			144701	QTZ	QTZ	0.0	0	0.39	35	4	40	
Black Serpentinite	**SPB**			144702	10.0	12.0	2.0	2.63	20.40	1730	95	1630	
Black Serpentinite	**SPB**			144703	12.0	14.0	2.0	2.63	21.90	1950	97	1420	
Black Serpentinite	**SPB**			144704	14.0	16.0	2.0	2.64	23.10	1895	95	1370	
Black Serpentinite	**SPB**			144705	16.0	18.0	2.0	2.64	22.70	2050	100	1800	
Black Serpentinite	**SPB**			144706	18.0	20.0	2.0	2.63	22.60	1880	96	1590	
Black Serpentinite	**SPB**			144707	20.0	22.0	2.0	2.64	20.90	1840	90	1660	
Black Serpentinite	**SPB**			144708	22.0	24.0	2.0	2.65	20.30	1785	99	9470	
Black Serpentinite	**SPB**			144709	24.0	26.0	2.0	2.63	23.30	2030	92	2390	
Black Serpentinite	**SPB**			144710	26.0	28.0	2.0	2.64	23.50	2020	98	1320	
Black Serpentinite	**SPB**			144711	28.0	30.0	2.0	2.63	24.00	2010	97	1500	
Black Serpentinite	**SPB**			144712	30.0	32.0	2.0	2.64	23.60	1940	96	1610	
Black Serpentinite	**SPB**			144713	32.0	34.0	2.0	2.63	23.30	1955	98	1510	
Black Serpentinite	**SPB**			144714	34.0	36.0	2.0	2.64	23.30	2040	101	1460	
Black Serpentinite	**SPB**			144715	36.0	38.0	2.0	2.63	23.40	2200	111	1560	
Black Serpentinite	**SPB**			144716	38.0	40.0	2.0	2.64	23.70	2130	102	1390	
Black Serpentinite	**SPB**			144717	40.0	42.0	2.0	2.63	24.00	2080	101	1900	
Black Serpentinite	**SPB**			144718	42.0	44.0	2.0	2.64	24.70	2090	107	2860	
Black Serpentinite	**SPB**			144719	44.0	46.0	2.0	2.64	23.70	2080	102	1760	
Black Serpentinite	**SPB**			144720	46.0	48.0	2.0	2.63	23.80	1860	98	1280	
Quartz for QAQC	QTZ			144721	QTZ	QTZ	0.0	0	0.04	3	1	21	
Black Serpentinite	**SPB**			144722	48.0	50.0	2.0	2.63	24.00	1985	97	1390	
Black Serpentinite	**SPB**			144723	50.0	52.0	2.0	2.64	23.90	2100	103	1510	
Black Serpentinite	**SPB**			144724	52.0	54.0	2.0	2.65	23.90	2140	101	1440	

Black Serpentinite	**SPB**			144725	54.0	56.0	2.0	2.63	24.30	1950	97	1390	
Black Serpentinite	**SPB**			144726	56.0	58.0	2.0	2.63	24.40	2080	99	1520	
Black Serpentinite	**SPB**			144727	58.0	60.0	2.0	2.62	23.90	2080	99	1290	
Black Serpentinite	**SPB**			144728	60.0	62.0	2.0	2.62	23.60	1910	93	1550	
Black Serpentinite	**SPB**			144729	62.0	64.0	2.0	2.62	23.30	1960	95	1420	
Black Serpentinite	**SPB**			144730	64.0	66.0	2.0	2.64	23.20	1975	96	1520	
Black Serpentinite	**SPB**			144731	66.0	68.0	2.0	2.62	22.50	1975	95	1340	
Black Serpentinite	**SPB**			144732	68.0	70.4	2.4	2.63	21.00	1865	91	1630	
Monzosyelnite	MSY	70.4	75.4	144733	70.4	72.4	2.0	2.68	5.02	143	19	117	
Monzosyelnite	MSY			144734	72.4	74.4	2.0	2.68	3.91	37	16	37	
Monzosyelnite	MSY			144735	74.4	75.4	1.0	2.67	8.22	168	32	40	
Basaltic andesite to diagabbro	AND/DGB	75.4	82.1	144736	75.4	77.4	2.0	2.76	5.33	40	28	26	
Basaltic andesite to diagabbro	AND/DGB			144737	77.4	79.4	2.0	2.74	5.73	59	37	44	
Basaltic andesite to diagabbro	AND/DGB			144738	79.4	82.1	2.7	2.75	5.87	61	35	50	
Serpentinized andesite	**SPA**	82.1	83.9	144739	82.1	83.9	1.8	2.62	12.55	634	46	607	
Black Serpentinite	**SPB**	83.9	128.7	144740	83.9	85.9	2.0	2.65	19.95	1835	87	1680	
Quartz for QAQC	QTZ			144741	QTZ	QTZ	0.0	0	0.25	17	2	31	
Black Serpentinite	**SPB**			144742	85.9	87.9	2.0	2.63	23.70	1955	94	1430	
Black Serpentinite	**SPB**			144743	87.9	89.9	2.0	2.62	24.20	1935	99	1460	
Black Serpentinite	**SPB**			144744	89.9	91.9	2.0	2.63	23.40	2100	97	970	
Black Serpentinite	**SPB**			144745	91.9	93.9	2.0	2.64	24.90	2140	98	1540	
Black Serpentinite	**SPB**			144746	93.9	95.9	2.0	2.62	25.10	2100	96	1400	
Black Serpentinite	**SPB**			144747	95.9	97.9	2.0	2.65	25.00	2170	96	1170	
Black Serpentinite	**SPB**			144748	97.9	99.9	2.0	2.63	25.00	2070	97	1470	
Black Serpentinite	**SPB**			144749	99.9	101.9	2.0	2.62	23.60	2030	95	1370	
Black Serpentinite	**SPB**			144750	101.9	103.9	2.0	2.63	24.70	2120	94	1590	
Black Serpentinite	**SPB**			144751	103.9	105.9	2.0	2.64	24.50	2060	93	1310	
Black Serpentinite	**SPB**			144752	105.9	107.9	2.0	2.63	23.60	2010	90	1260	
Black Serpentinite	**SPB**			144753	107.9	109.9	2.0	2.64	24.40	2090	99	2050	
Black Serpentinite	**SPB**			144754	109.9	111.9	2.0	2.63	24.90	2050	98	2460	
Black Serpentinite	**SPB**			144755	111.9	113.9	2.0	2.62	25.20	2320	104	1990	
Black Serpentinite	**SPB**			144756	113.9	115.9	2.0	2.62	25.10	2120	99	1450	
Black Serpentinite	**SPB**			144757	115.9	117.9	2.0	2.62	23.50	2050	93	1010	

Black Serpentinite	**SPB**			144758	117.9	119.9	2.0	2.63	24.00	2080	97	1780	
Black Serpentinite	**SPB**			144759	119.9	121.9	2.0	2.63	25.10	2150	100	1300	
Black Serpentinite	**SPB**			144760	121.9	123.9	2.0	2.63	24.50	2120	105	1870	
Quartz for QAQC	QTZ			144761	QTZ	QTZ	0.0	0	0.43	35	3	62	
Black Serpentinite	**SPB**			144762	123.9	125.9	2.0	2.62	24.00	2030	101	1760	
Black Serpentinite	**SPB**			144763	125.9	127.9	2.0	2.64	23.40	2040	102	1250	
Black Serpentinite	**SPB**			144764	127.9	128.7	0.8	2.64	22.70	2000	100	1780	
Black Serpentinite fragmented	**SPB**	128.7	131.7	144765	128.7	130.2	1.5	2.63	11.65	125	24	88	
Black Serpentinite fragmented	**SPB**			144766	130.2	131.7	1.5	2.63	22.00	2110	101	1990	
Black Serpentinite	**SPB**	131.7	152.4	144767	131.7	133.7	2.0	2.62	23.80	2070	101	1490	
Black Serpentinite	**SPB**			144768	133.7	135.7	2.0	2.64	25.70	2150	106	1540	
Black Serpentinite	**SPB**			144769	135.7	137.7	2.0	2.62	25.20	2090	105	1990	
Black Serpentinite	**SPB**			144770	137.7	139.7	2.0	2.62	25.20	2070	107	1760	
Black Serpentinite	**SPB**			144771	139.7	141.7	2.0	2.63	25.20	1910	100	1730	
Black Serpentinite	**SPB**			144772	141.7	143.7	2.0	2.62	25.10	2090	104	1410	
Black Serpentinite	**SPB**			144773	143.7	145.7	2.0	2.63	26.50	2270	111	1650	
Black Serpentinite	**SPB**			144774	145.7	147.7	2.0	2.62	26.00	2220	111	1570	
Black Serpentinite	**SPB**			144775	147.7	149.7	2.0	2.63	25.90	2130	108	1940	
Black Serpentinite	**SPB**			144776	149.7	152.4	2.7	2.62	25.40	2120	106	1410	
Insert #1 for QAQC				144777	28.0	30.0			23.40	1955	95	1650	
insert #2 for QAQC				144778	123.9	125.9			24.40	2110	102	1780	
						E.O.H							
						152.4m							

DDH RRS11-23 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Black Serpentinite fragmneted	**SPB**	0.0	2.7	144779	0.0	2.7	2.7	2.64	17.40	346	30	248	
Black Serpentinite	**SPB**	2.7	124.5	144780	2.7	5.2	2.5	2.65	20.30	1920	91	1635	
Quartz for QAQC	QTZ			144781	QTZ	QTZ	0.0	0	0.07	3	1	27	
Black Serpentinite	**SPB**			144782	5.2	7.7	2.5	2.66	23.70	2010	101	1310	
Black Serpentinite	**SPB**			144783	7.7	9.7	2.0	2.64	22.20	1950	99	1315	
Black Serpentinite	**SPB**			144784	9.7	11.7	2.0	2.64	19.75	1750	88	1500	
Black Serpentinite	**SPB**			144785	11.7	13.7	2.0	2.62	22.00	1850	92	1320	
Black Serpentinite	**SPB**			144786	13.7	15.7	2.0	2.63	24.00	2140	105	1375	
Black Serpentinite	**SPB**			144787	15.7	17.7	2.0	2.62	23.50	2170	111	1170	
Black Serpentinite	**SPB**			144788	17.7	19.7	2.0	3.11	23.10	2000	101	1240	
Black Serpentinite	**SPB**			144789	19.7	21.7	2.0	3.05	20.80	1940	93	1570	
Black Serpentinite	**SPB**			144790	21.7	23.7	2.0	2.82	22.20	1875	95	1020	
Black Serpentinite	**SPB**			144791	23.7	25.7	2.0	2.78	23.00	2060	101	1560	
Black Serpentinite	**SPB**			144792	25.7	27.7	2.0	2.88	20.10	1680	80	1540	
Black Serpentinite	**SPB**			144793	27.7	29.7	2.0	2.84	22.80	1995	101	1530	
Black Serpentinite	**SPB**			144794	29.7	31.7	2.0	2.84	22.40	1765	95	1420	
Black Serpentinite	**SPB**			144795	31.7	33.7	2.0	2.85	23.80	2070	104	2080	
Black Serpentinite	**SPB**			144796	33.7	35.7	2.0	2.76	23.80	1920	99	951	
Black Serpentinite	**SPB**			144797	35.7	37.7	2.0	2.78	22.20	1865	94	1350	
Black Serpentinite	**SPB**			144798	37.7	39.7	2.0	2.76	20.00	1645	87	1320	
Black Serpentinite	**SPB**			144799	39.7	41.7	2.0	2.78	25.30	2050	109	1580	
Black Serpentinite	**SPB**			144800	41.7	43.7	2.0	2.78	24.30	2030	106	2120	
Quartz for QAQC	QTZ			144801	QTZ	QTZ	0.0	0	0.19	15	1	32	
Black Serpentinite	**SPB**			144802	43.7	45.7	2.0	2.78	23.60	2090	102	1480	
Black Serpentinite	**SPB**			144803	45.7	47.7	2.0	2.76	24.70	2120	106	1540	
Black Serpentinite	**SPB**			144804	47.7	49.7	2.0	2.75	24.90	2240	106	1390	
Black Serpentinite	**SPB**			144805	49.7	51.7	2.0	2.75	25.40	2480	113	3500	
Black Serpentinite	**SPB**			144806	51.7	53.7	2.0	2.76	25.20	2260	107	1720	
Black Serpentinite	**SPB**			144807	53.7	55.7	2.0	2.75	26.00	2430	111	2520	

Black Serpentinite	**SPB**			144808	55.7	57.7	2.0	2.75	25.20	2040	104	1150	
Black Serpentinite	**SPB**			144809	57.7	59.7	2.0	2.73	26.20	2140	109	1270	
Black Serpentinite	**SPB**			144810	59.7	61.7	2.0	2.74	25.70	2030	107	1230	
Black Serpentinite	**SPB**			144811	61.7	63.7	2.0	2.73	26.70	2420	123	1650	
Black Serpentinite	**SPB**			144812	63.7	65.7	2.0	2.74	24.70	2200	114	1750	
Black Serpentinite	**SPB**			144813	65.7	67.9	2.2	2.75	25.10	2210	114	1740	
Black Serpentinite	**SPB**			144814	67.9	69.7	1.8	2.76	25.10	2190	111	1750	
Black Serpentinite	**SPB**			144815	69.7	71.7	2.0	2.75	25.50	2280	113	1980	
Black Serpentinite	**SPB**			144816	71.7	73.7	2.0	2.75	23.90	2100	106	1320	
Black Serpentinite	**SPB**			144817	73.7	75.7	2.0	2.75	23.50	2080	101	1160	
Black Serpentinite	**SPB**			144818	75.7	77.7	2.0	2.76	23.40	2040	99	1220	
Black Serpentinite	**SPB**			144819	77.7	79.7	2.0	2.75	20.50	1720	81	1440	
Black Serpentinite	**SPB**			144820	79.7	81.7	2.0	2.74	21.00	1860	87	1390	
Quartz for QAQC	QTZ			144821	QTZ	QTZ	0.0	0	0.21	18	1	35	
Black Serpentinite	**SPB**			144822	81.7	83.7	2.0	2.73	22.70	2020	94	1520	
Black Serpentinite	**SPB**			144823	83.7	85.7	2.0	2.74	24.70	1965	97	1465	
Black Serpentinite	**SPB**			144824	85.7	87.9	2.2	2.74	25.20	1945	99	1540	
Black Serpentinite	**SPB**			144825	87.9	89.7	1.8	2.73	23.80	1930	98	1585	
Black Serpentinite	**SPB**			144826	89.7	91.7	2.0	2.75	24.60	1865	96	1395	
Black Serpentinite	**SPB**			144827	91.7	93.7	2.0	2.73	24.50	1935	97	1825	
Black Serpentinite	**SPB**			144828	93.7	95.7	2.0	2.76	24.60	1830	92	1250	
Black Serpentinite	**SPB**			144829	95.7	97.7	2.0	2.76	25.00	1950	98	1205	
Black Serpentinite	**SPB**			144830	97.7	99.7	2.0	2.75	25.10	1955	97	1125	
Black Serpentinite	**SPB**			144831	99.7	101.7	2.0	2.72	24.70	1885	98	1310	
Black Serpentinite	**SPB**			144832	101.7	103.7	2.0	2.73	25.40	1890	101	1120	
Black Serpentinite	**SPB**			144833	103.7	105.7	2.0	2.75	25.30	1920	101	1255	
Black Serpentinite	**SPB**			144834	105.7	107.7	2.0	2.74	25.10	1900	99	1325	
Black Serpentinite	**SPB**			144835	107.7	109.7	2.0	2.75	25.20	1925	97	1240	
Black Serpentinite	**SPB**			144836	109.7	111.7	2.0	2.76	25.80	1875	99	1210	
Black Serpentinite	**SPB**			144837	111.7	113.7	2.0	2.76	26.10	2060	103	1300	
Black Serpentinite	**SPB**			144838	113.7	115.7	2.0	2.75	25.00	2060	104	1440	
Black Serpentinite	**SPB**			144839	115.7	117.7	2.0	2.75	23.90	2130	104	2090	
Black Serpentinite	**SPB**			144840	117.7	119.7	2.0	2.74	25.10	2090	105	1300	

Quartz for QAQC	QTZ			144841	QTZ	QTZ	0.0	0	0.30	28	3	50	
Black Serpentinite	**SPB**			144842	119.7	121.7	2.0	2.76	23.00	1890	88	1275	
Black Serpentinite	**SPB**			144843	121.7	123.7	2.0	2.73	23.00	1870	96	1425	
Black Serpentinite	**SPB**			144844	123.7	124.5	0.8	2.75	22.80	2000	96	1540	
Serpentinized andesite	**SPA**	124.5	125.8	144845	124.5	125.8	1.3	2.76	12.45	32	34	21	
Black Serpentinite	**SPB**	125.8	126.8	144846	125.8	126.8	1.0	2.76	18.95	1430	77	1390	
Andesite	AND	126.8	128.5	144847	126.8	128.5	1.7	2.75	4.02	96	16	54	
Black Serpentinite	**SPB**	128.5	152.4	144848	128.5	130.5	2.0	2.72	23.60	1865	89	1445	
Black Serpentinite	**SPB**			144849	130.5	132.5	2.0	2.73	24.50	1845	95	1325	
Black Serpentinite	**SPB**			144850	132.5	134.5	2.0	2.73	24.60	1855	95	1430	
Black Serpentinite	**SPB**			144851	134.5	136.5	2.0	2.72	24.90	2060	101	1395	
Black Serpentinite	**SPB**			144852	136.5	138.5	2.0	2.72	23.20	1790	93	1380	
Black Serpentinite	**SPB**			144853	138.5	140.5	2.0	2.73	24.40	1960	97	1395	
Black Serpentinite	**SPB**			144854	140.5	142.5	2.0	2.72	24.10	1980	95	1515	
Black Serpentinite	**SPB**			144855	142.5	144.5	2.0	2.73	25.30	2000	98	1350	
Black Serpentinite	**SPB**			144856	144.5	146.5	2.0	2.73	25.10	1990	97	1590	
Black Serpentinite	**SPB**			144857	146.5	148.8	2.3	2.73	25.50	2110	104	1420	
Black Serpentinite	**SPB**			144858	148.8	149.6	0.8	2.73	25.20	1880	98	1790	
Black Serpentinite	**SPB**			144859	149.6	151.0	1.4	2.65	24.40	2010	104	1840	
Black Serpentinite	**SPB**			144860	151.0	152.4	1.4	2.64	23.70	2010	106	1645	
Quartz for QAQC	QTZ			144861	QTZ	QTZ	0.0	0	0.22	19	3	41	
Insert #1				144862	37.7	39.7			20.30	1525	83	1300	
Insert #2				144863	109.7	111.7			24.80	1855	100	1075	
						E.O.H							
						152.4m							

DDH RRS11-24 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Faulted Black Serpentinite	**SPB/FLT**	4.0	6.0	144864	4.0	6.0	2.0	2.56	21.80	2170	99	1670	
Black Serpentinite	**SPB**	6.0	21.9	144865	6.0	8.0	2.0	2.64	23.30	2250	114	1780	
Black Serpentinite	**SPB**			144866	8.0	10.0	2.0	2.65	22.50	2050	103	1620	
Black Serpentinite	**SPB**			144867	10.0	12.0	2.0	2.63	22.00	2050	100	1430	
Black Serpentinite	**SPB**			‘144868	12.0	14.0	2.0	2.65	23.30	2280	112	1500	
Black Serpentinite	**SPB**			144869	14.0	16.0	2.0	2.65	23.00	2380	110	1660	
Black Serpentinite	**SPB**			144870	16.0	18.0	2.0	2.66	22.50	2230	108	1520	
Black Serpentinite	**SPB**			144871	18.0	20.0	2.0	2.64	22.60	2020	99	1530	
Black Serpentinite	**SPB**			144872	20.0	21.9	1.9	2.65	20.60	2090	101	1470	
Basaltic Andesite to Diagabbro	AND/DCB	21.9	29.0	144873	21.9	24.0	2.1	2.76	4.82	31	20	23	
Basaltic Andesite to Diagabbro	AND/DCB			144874	24.0	26.8	2.8	2.75	3.41	15	20	12	
Basaltic Andesite to Diagabbro	AND/DCB			144875	26.8	29.0	2.2	2.76	7.06	390	36	360	
Black Serpentinite	**SPB**	29.0	61.8	144876	29.0	31.0	2.0	2.8	**21.20**	2120	105	1740	
Black Serpentinite	**SPB**			144877	31.0	33.0	2.0	2.8	**22.10**	2120	106	1670	
Black Serpentinite	**SPB**			144878	33.0	35.0	2.0	2.82	**22.70**	2110	104	1750	
Black Serpentinite	**SPB**			144879	35.0	37.0	2.0	2.85	**23.00**	2200	106	1620	
Black Serpentinite	**SPB**			144880	37.0	39.0	2.0	2.82	**23.00**	2090	100	1570	
Quartz for QAQC	QTZ			144881	QTZ	QTZ	0.0	0	0.15	13	3	30	
Black Serpentinite	**SPB**			144882	39.0	41.0	2.0	2.82	**25.40**	2140	108	1450	
Black Serpentinite	**SPB**			144883	41.0	43.0	2.0	2.85	**26.00**	2140	110	1360	
Black Serpentinite	**SPB**			144884	43.0	45.0	2.0	2.83	**27.00**	2190	111	1260	
Black Serpentinite	**SPB**			144885	45.0	47.0	2.0	2.84	**26.00**	2150	107	1480	
Black Serpentinite	**SPB**			144886	47.0	49.0	2.0	2.84	**27.20**	2230	111	1320	
Black Serpentinite	**SPB**			144887	49.0	51.0	2.0	2.83	**27.90**	2270	121	3130	
Black Serpentinite	**SPB**			144888	51.0	53.0	2.0	2.84	**27.10**	2310	116	2090	
Black Serpentinite	**SPB**			144889	53.0	55.0	2.0	2.83	**26.30**	2200	108	1680	
Black Serpentinite	**SPB**			144890	55.0	57.0	2.0	2.83	**26.10**	2260	107	1400	
Black Serpentinite	**SPB**			144891	57.0	59.0	2.0	2.83	**25.90**	2150	112	2230	
Black Serpentinite	**SPB**			144892	59.0	61.8	2.8	2.83	**25.40**	2160	106	1510	

Monzogabbro to Diagabbro	DGB	61.8	62.7	144893	61.8	62.7	0.9	2.85	9.60	431	49	646	
Black Serpentinite	**SPB**	62.7	118.6	144894	62.7	64.7	2.0	2.82	**23.70**	2120	104	1550	
Black Serpentinite	**SPB**			144895	64.7	66.7	2.0	2.83	**24.30**	2070	103	1350	
Black Serpentinite	**SPB**			144896	66.7	68.7	2.0	2.82	**26.70**	2300	112	1260	
Black Serpentinite	**SPB**			144897	68.7	70.7	2.0	2.85	**26.30**	2200	110	1430	
Black Serpentinite	**SPB**			144898	70.7	72.7	2.0	2.85	**26.10**	2160	112	1420	
Black Serpentinite	**SPB**			144899	72.7	74.7	2.0	2.84	**26.60**	2220	113	1660	
Black Serpentinite	**SPB**			144900	74.7	76.7	2.0	2.84	**27.30**	2420	118	1320	
Quartz for QAQC	QTZ			144901	QTZ	QTZ	0.0	0	7.41	621	32	753	
Black Serpentinite	**SPB**			144902	76.7	78.7	2.0	2.84	**26.50**	2050	106	1290	
Black Serpentinite	**SPB**			144903	78.7	80.7	2.0	2.83	**26.80**	2180	111	1590	
Black Serpentinite	**SPB**			144904	80.7	82.7	2.0	2.84	**26.40**	2170	111	1560	
Black Serpentinite	**SPB**			144905	82.7	84.7	2.0	2.83	**26.80**	2250	111	1340	
Black Serpentinite	**SPB**			144906	84.7	86.7	2.0	2.85	**26.40**	2190	109	1220	
Black Serpentinite	**SPB**			144907	86.7	88.7	2.0	2.82	**25.80**	2020	105	1370	
Black Serpentinite	**SPB**			144908	88.7	90.7	2.0	2.84	**25.10**	2190	110	1390	
Black Serpentinite	**SPB**			144909	90.7	92.7	2.0	2.82	**24.40**	2080	105	1610	
Black Serpentinite	**SPB**			144910	92.7	94.7	2.0	2.85	**22.70**	1970	101	1780	
Black Serpentinite	**SPB**			144911	94.7	96.7	2.0	2.82	**19.90**	2180	107	1910	
Black Serpentinite	**SPB**			144912	96.7	98.7	2.0	2.84	**22.80**	2040	106	1330	
Black Serpentinite	**SPB**			144913	98.7	100.7	2.0	2.84	**23.90**	2100	106	1240	
Black Serpentinite	**SPB**			144914	100.7	102.7	2.0	2.83	**24.80**	2130	106	1150	
Black Serpentinite	**SPB**			144915	102.7	104.7	2.0	2.81	**24.50**	2140	107	1380	
Black Serpentinite	**SPB**			144916	104.7	106.7	2.0	2.83	**23.70**	2140	116	2680	
Black Serpentinite	**SPB**			144917	106.7	108.7	2.0	2.82	**24.20**	2420	112	1740	
Black Serpentinite	**SPB**			144918	108.7	110.7	2.0	2.83	**25.40**	2350	109	1945	
Black Serpentinite	**SPB**			144919	110.7	112.7	2.0	2.82	**23.80**	2420	111	1820	
Black Serpentinite	**SPB**			144920	112.7	114.7	2.0	2.81	**22.90**	2140	100	1765	
Quartz for QAQC	QTZ			144921	QTZ	QTZ	0.0	0	0.79	80	5	84	
Black Serpentinite	**SPB**			144922	114.7	116.7	2.0	2.83	**19.45**	1970	93	2060	
Black Serpentinite	**SPB**			144923	116.7	118.6	1.9	2.83	**11.95**	408	34	476	
Basaltic Andesite to Diagabbro	AND/DCB	118.6	124.1	144924	118.6	120.6	2.0	2.76	4.41	33	30	22	
Basaltic Andesite to Diagabbro	AND/DCB			144925	120.6	122.6	2.0	2.76	3.93	16	23	22	

Basaltic Andesite to Diagabbro	AND/DCB			144926	122.6	124.1	1.5	2.75	4.55	7	21	11	
Serpentinized Andesite	**SPA**	124.1	128.6	144927	124.1	126.1	2.0	2.68	**16.50**	1125	61	854	
Serpentinized Andesite	**SPA**			144928	126.1	128.6	2.5	2.68	**20.30**	2010	94	1960	
Monzosyenite	MSY	128.6	137.8	144929	128.6	130.6	2.0	2.64	4.49	198	28	38	
Monzosyenite	MSY			144930	130.6	132.6	2.0	2.65	1.22	31	8	30	
Monzosyenite	MSY			144931	132.6	134.6	2.0	2.65	2.22	67	16	23	
Monzosyenite	MSY			144932	134.6	136.6	2.0	2.65	0.67	6	6	25	
Monzosyenite	MSY			144933	136.6	137.8	1.2	2.64	0.69	13	6	18	
Insert #1	**SPB**			144934	53.0	55.0	2.0		**26.70**	2230	114	2350	
Insert#2	**SPB**			144935	100.7	102.7	2.0		**23.90**	2190	105	1315	
						E.O.H	**137.8**						

DDH RRS11-25 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From	To	Length	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
					(m)	(m)	(m)						
Black Serpentinite	SPB	0.0	61.4	144936	0.0	2.0	2.0	2.65	22.20	2030	100	1185	
Black Serpentinite	SPB			144937	2.0	4.0	2.0	2.63	22.60	2030	106	1710	
Black Serpentinite	SPB			144938	4.0	6.0	2.0	2.65	22.70	2090	103	1620	
Black Serpentinite	SPB			144939	6.0	8.0	2.0	2.64	23.70	2140	107	1725	
Black Serpentinite	SPB			144940	8.0	10.0	2.0	2.64	23.10	2010	103	1015	
Quartz for QAQC	QTZ			144941	QTZ	QTZ	0.0	0	0.45	26	5	53	
Black Serpentinite	SPB			144942	10.0	12.0	2.0	2.64	19.80	1665	85	1135	
Black Serpentinite	SPB			144943	12.0	14.0	2.0	2.63	22.40	1935	96	1320	
Black Serpentinite	SPB			144944	14.0	16.0	2.0	2.63	22.60	2070	101	1615	
Black Serpentinite	SPB			144945	16.0	18.0	2.0	2.63	23.90	2060	103	1250	
Black Serpentinite	SPB			144946	18.0	20.0	2.0	2.64	24.50	2160	114	1930	
Black Serpentinite	SPB			144947	20.0	22.0	2.0	2.63	23.40	2040	102	1255	
Black Serpentinite	SPB			144948	22.0	24.0	2.0	2.64	24.10	2100	99	1125	
Black Serpentinite	SPB			144949	24.0	26.0	2.0	2.64	21.70	1970	103	1865	
Black Serpentinite	SPB			144950	26.0	28.0	2.0	2.65	23.60	1930	100	1255	
Black Serpentinite	SPB			144951	28.0	30.0	2.0	2.63	23.20	2020	99	972	
Black Serpentinite	SPB			144952	30.0	32.0	2.0	2.63	23.10	2200	108	1310	
Black Serpentinite	SPB			144953	32.0	34.0	2.0	2.62	23.90	2070	105	2350	
Black Serpentinite	SPB			144954	34.0	36.0	2.0	2.62	24.00	2110	103	2470	
Black Serpentinite	SPB			144955	36.0	38.0	2.0	2.64	25.20	2260	109	3070	
Black Serpentinite	SPB			144956	38.0	40.0	2.0	2.63	25.30	2050	100	1070	
Black Serpentinite	SPB			144957	40.0	42.0	2.0	2.65	23.00	1970	95	1200	
Black Serpentinite	SPB			144958	42.0	44.0	2.0	2.64	23.40	2000	98	1230	
Black Serpentinite	SPB			144959	44.0	46.0	2.0	2.64	23.30	2020	98	1015	
Black Serpentinite	SPB			144960	46.0	48.0	2.0	2.64	24.00	2090	103	2170	
Quartz for QAQC	QTZ			144961	QTZ	QTZ	0.0	0	0.32	25	2	40	
Black Serpentinite	SPB			144962	48.0	50.0	2.0	2.64	23.00	1930	100	2780	
Black Serpentinite	SPB			144963	50.0	52.0	2.0	2.63	23.00	1995	96	1740	
Black Serpentinite	SPB			144964	52.0	54.0	2.0	2.63	22.40	2060	102	2030	

Black Serpentinite	**SPB**			144965	54.0	56.0	2.0	2.63	20.90	1850	86	1380	
Black Serpentinite	**SPB**			144966	56.0	58.0	2.0	2.62	22.10	1925	94	1565	
Black Serpentinite	**SPB**			144967	58.0	60.0	2.0	2.63	21.50	1925	95	1580	
Black Serpentinite	**SPB**			144968	60.0	61.4	1.4	2.63	21.80	1880	93	1770	
Serpentinized Andesite	**SPA**	61.4	62.6	144969	61.4	62.6	1.2	2.54	20.40	1125	67	867	
Black Serpentinite	**SPB**	62.6	108.5	144970	62.6	64.6	2.0	2.64	20.80	1660	86	1435	
Black Serpentinite	**SPB**			144971	64.6	66.6	2.0	2.65	21.70	2030	100	1085	
Black Serpentinite	**SPB**			144972	66.6	68.6	2.0	2.62	22.70	2260	113	1840	
Black Serpentinite	**SPB**			144973	68.6	70.6	2.0	2.62	21.30	1980	94	1130	
Black Serpentinite	**SPB**			144974	70.6	72.6	2.0	2.63	21.20	1990	101	2240	
Black Serpentinite	**SPB**			144975	72.6	74.6	2.0	2.64	22.90	2090	98	2360	
Black Serpentinite	**SPB**			144976	74.6	76.6	2.0	2.65	22.10	2110	96	1770	
Black Serpentinite	**SPB**			144977	76.6	78.6	2.0	2.65	21.90	1930	89	1645	
Black Serpentinite	**SPB**			144978	78.6	80.6	2.0	2.62	22.50	2090	97	1785	
Black Serpentinite	**SPB**			144979	80.6	82.6	2.0	2.63	25.00	2080	101	1790	
Black Serpentinite	**SPB**			144980	82.6	84.6	2.0	2.65	24.40	2020	97	1400	
Quartz for QAQC	QTZ			144981	QTZ	QTZ	0.0	0	0.42	27	3	34	
Black Serpentinite	**SPB**			144982	84.6	86.6	2.0	2.63	24.10	1965	95	1590	
Black Serpentinite	**SPB**			144983	86.6	88.6	2.0	2.65	23.70	1850	92	1430	
Black Serpentinite	**SPB**			144984	88.6	90.6	2.0	2.64	24.10	1875	97	1760	
Black Serpentinite	**SPB**			144985	90.6	92.6	2.0	2.64	24.30	1920	94	1190	
Black Serpentinite	**SPB**			144986	92.6	94.6	2.0	2.63	23.80	1895	96	1600	
Black Serpentinite	**SPB**			144987	94.6	96.6	2.0	2.63	24.80	2050	102	1750	
Black Serpentinite	**SPB**			144988	96.6	98.6	2.0	2.65	24.60	1950	101	1310	
Black Serpentinite	**SPB**			144989	98.6	100.6	2.0	2.65	25.50	2070	107	1400	
Black Serpentinite	**SPB**			144990	100.6	102.6	2.0	2.64	25.40	2090	110	1630	
Black Serpentinite	**SPB**			144991	102.6	104.6	2.0	2.63	24.40	2010	108	1210	
Black Serpentinite	**SPB**			144992	104.6	106.6	2.0	2.62	23.80	1895	101	1240	
Black Serpentinite	**SPB**			144993	106.6	108.5	1.9	2.62	23.20	1925	94	1140	
Basaltic Andesite	**AND**	108.5	108.9	144994	108.5	108.9	0.4	2.76	7.07	171	36	290	
Black Serpentinite mixed with softstone	**SPB**	108.9	110.5	144995	108.9	110.5	1.6	2.65	21.50	1770	87	1400	
Black Serpentinite	**SPB**	110.5	117.7	144996	110.5	112.5	2.0	2.63	22.60	1925	98	1670	
Black Serpentinite	**SPB**			144997	112.5	114.5	2.0	2.63	20.80	1545	87	1430	

Black Serpentinite	**SPB**			144998	114.5	116.5	2.0	2.63	20.80	1580	89	1320	
Black Serpentinite	**SPB**			144999	116.5	117.7	1.2	2.63	23.40	1980	101	1530	
Basaltic Andesite	**AND**	117.7	119.7	145000	117.7	119.7	2.0	2.98	6.07	173	33	336	
Quartz for QAQC	QTZ			145001	QTZ	QTZ	0.0	0	0.30	16	3	35	
Black Serpentinite	**SPB**	119.7	152.4	145002	119.7	121.7	2.0	2.66	24.90	2030	99	1340	
Black Serpentinite	**SPB**			145003	121.7	123.7	2.0	2.66	25.20	2000	100	1260	
Black Serpentinite	**SPB**			145004	123.7	125.7	2.0	2.66	25.60	2040	107	1240	
Black Serpentinite	**SPB**			145005	125.7	127.7	2.0	2.66	25.00	2080	106	1610	
Black Serpentinite	**SPB**			145006	127.7	129.7	2.0	2.66	24.00	2000	103	1230	
Black Serpentinite	**SPB**			145007	129.7	131.7	2.0	2.66	22.00	1320	82	1380	
Black Serpentinite	**SPB**			145008	131.7	133.7	2.0	2.66	21.70	1475	82	1500	
Black Serpentinite	**SPB**			145009	133.7	135.7	2.0	2.66	23.70	1940	95	1650	
Black Serpentinite	**SPB**			145010	135.7	137.7	2.0	2.66	23.70	1950	104	1360	
Black Serpentinite	**SPB**			145011	137.7	139.7	2.0	2.66	24.40	2080	117	4370	
Black Serpentinite	**SPB**			145012	139.7	141.7	2.0	2.66	24.70	2090	102	1580	
Black Serpentinite	**SPB**			145013	141.7	143.7	2.0	2.66	24.70	1975	98	1290	
Black Serpentinite	**SPB**			1`45014	143.7	145.7	2.0	2.66	24.50	1955	98	1640	
Black Serpentinite	**SPB**			145015	145.7	147.7	2.0	2.66	24.90	2010	104	2470	
Black Serpentinite	**SPB**			145016	147.7	149.7	2.0	2.66	24.80	2050	102	2170	
Black Serpentinite	**SPB**			145017	149.7	152.4	2.7	2.66	23.90	2020	98	1700	
Insert#1				145018	40.0	42.0	2		24.60	1995	99	1480	
Insert#2				145019	135.7	137.7	2		23.00	1920	102	1360	
						E.O.H							
						152.4m							

DDH RRS11-26 Geology and Assay data correlation

Rock type	Code	From	To	Sample #	From (m)	To (m)	Length (m)	*P* (g/cm^3)	Mg (%)	Ni (g/t)	Co (g/t)	Cr (g/t)	Si (%)
Diagabbro	DGB	4.9	12.9	145020	4.9	6.9	2.0	N/A	9.08	526	48	523	
Diagabbro	QTZ			145021	QTZ	QTZ	0.0	0	0.13	8	2	26	
Diagabbro	DGB			145022	6.9	8.9	2.0	2.87	9.91	446	55	413	
Diagabbro	DGB			145023	8.9	10.9	2.0	2.87	2.52	549	43	493	
Diagabbro	DGB			145024	10.9	12.9	2.0	2.86	6.61	276	40	311	
Serpentinized andesite	SPA	12.9	28.7	145025	12.9	14.9	2.0	2.86	10.65	528	52	485	
Serpentinized andesite	SPA			145026	14.9	16.9	2.0	2.85	10.25	555	53	523	
Serpentinized andesite	SPA			145027	16.9	18.9	2.0	2.85	17.70	1565	85	733	
Serpentinized andesite	SPA			145028	18.9	20.9	2.0	2.87	11.70	482	60	433	
Serpentinized andesite	SPA			145029	20.9	22.9	2.0	2.86	17.85	1635	87	1840	
Dark Green Serpentinite	SPG			145030	22.9	24.9	2.0	2.87	19.20	1675	87	1405	
Serpentinized andesite	SPA			145031	24.9	26.9	2.0	2.86	21.60	2090	99	1565	
Serpentinized andesite	SPA			145032	26.9	28.7	1.8	2.87	10.80	901	55	704	
Black Serpentinite	SPB	28.7	40.0	145033	28.7	30.7	2.0	2.74	22.20	2190	99	1855	
Black Serpentinite	SPB			145034	30.7	32.7	2.0	2.75	19.80	1990	93	1780	
Black Serpentinite	SPB			145035	32.7	34.7	2.0	2.76	22.60	1800	87	1525	
Black Serpentinite	SPB			145036	34.7	36.7	2.0	2.75	23.50	2010	89	1470	
Black Serpentinite	SPB			145037	36.7	38.7	2.0	2.76	24.00	2110	99	1840	
Black Serpentinite	SPB			145038	38.7	40.0	1.3	2.75	23.70	2000	96	1450	
Serpentinized Diagabbro	SPA	40.0	43.0	145039	40.0	43.0	3.0	2.68	10.85	697	51	932	
Black Serpentinite	SPB	43.0	49.9	145040	43.0	45.0	2.0	2.87	23.50	1950	97	1700	
Quartz for QAQC	QTZ			145041	QTZ	QTZ	0.0	0	0.55	46	4	51	
Black Serpentinite	SPB			145042	45.0	47.0	2.0	2.86	25.50	2100	96	2000	
Black Serpentinite	SPB			145043	47.0	49.9	2.9	2.86	25.20	2080	102	1830	
Mixed SPB and Soapstone	SPB/SPN	49.9	51.6	145044	49.9	51.6	1.7	N/A	15.25	936	57	892	
Black Serpentinite	SPB	51.6	54.3	145045	51.6	54.3	2.7	2.9	24.50	2120	101	1900	
Decomposed Steatite	SPN	54.3	55.6	145046	54.3	55.6	1.3	N/A	17.30	368	51	402	
Black Serpentinite	SPB	55.6	93.6	145047	55.6	57.6	2.0	2.92	25.20	2070	100	1630	
Black Serpentinite	SPB			145048	57.6	59.6	2.0	3.05	27.50	2340	106	1890	

Black Serpentinite	SPB			145049	59.6	61.6	2.0	3.02	26.90	2240	105	1650	
Black Serpentinite	SPB			145050	61.6	63.6	2.0	2.98	26.70	2290	102	3950	
Black Serpentinite	SPB			145051	63.6	65.6	2.0	2.95	26.10	2130	99	1960	
Black Serpentinite	SPB			145052	65.6	67.6	2.0	2.95	24.90	1960	94	2570	
Black Serpentinite	SPB			145053	67.6	69.6	2.0	2.98	23.50	1810	92	1980	
Black Serpentinite	SPB			145054	69.6	71.6	2.0	2.92	25.10	2130	101	2600	
Black Serpentinite	SPB			145055	71.6	73.6	2.0	2.95	24.30	2120	95	2060	
Black Serpentinite	SPB			145056	73.6	75.6	2.0	2.68	23.00	1715	94	2080	
Black Serpentinite	SPB			145057	75.6	77.6	2.0	2.68	24.70	2140	103	1740	
Black Serpentinite	SPB			145058	77.6	79.6	2.0	2.67	25.40	2090	101	1760	
Black Serpentinite	SPB			145059	79.6	81.6	2.0	2.67	24.50	2060	97	1510	
Black Serpentinite	SPB			145060	81.6	83.6	2.0	2.68	25.30	2090	97	1840	
Quartz for QAQC	QTZ			145061	QTZ	QTZ	0.0	0	0.25	19	2	34	
Black Serpentinite	SPB			145062	83.6	85.6	2.0	2.67	24.50	2040	97	1490	
Black Serpentinite	SPB			145063	85.6	87.6	2.0	2.68	24.10	1720	85	1890	
Black Serpentinite	SPB			145064	87.6	89.6	2.0	2.68	21.80	1730	89	1550	
Black Serpentinite	SPB			145065	89.6	91.6	2.0	2.68	24.30	2050	94	1280	
Black Serpentinite	SPB			145066	91.6	93.6	2.0	2.68	23.20	1935	93	1480	
Andesite	**AND**	93.6	95.6	145067	93.6	95.6	2.0	2.68	**4.73**	49	33	79	
Andesite	SPB	95.6	99.4	145068	95.6	97.6	2.0	2.68	23.90	2130	99	1750	
Andesite	SPB			145069	97.6	99.4	1.8	2.68	22.70	1840	87	1640	
Dark Green Serpentinite	SPG	99.4	102.1	145070	99.4	100.1	0.7	2.68	19.25	1645	82	1780	
Dark Green Serpentinite	SPG			145071	100.1	102.1	2.0	2.6	20.90	1715	82	1490	
Soapstone	SPN	102.1	104.1	145072	102.1	104.1	2.0	N/A	15.90	789	51	659	
Black Serpentinite	SPB	104.1	106.3	145073	104.1	106.3	2.2	2.72	23.20	90	43	126	
Diagabbro to Basaltic andesite	DGB/AND	106.3	116.3	145074	106.3	108.3	2.0	2.92	4.67	44	31	74	
Diagabbro to Basaltic andesite	DGB/AND			145075	108.3	110.3	2.0	2.92	4.91	40	35	74	
Diagabbro to Basaltic andesite	DGB/AND			145076	110.3	112.3	2.0	2.92	8.77	1995	99	1640	
Diagabbro to Basaltic andesite	DGB/AND			145077	112.3	114.3	2.0	2.92	5.54	83	37	138	
Diagabbro to Basaltic andesite	DGB/AND			145078	114.3	116.3	2.0	2.92	5.34	83	35	124	
Andesite	AND	116.3	120.3	145079	116.3	118.3	2.0	2.7	5.02	54	35	98	
Andesite	AND			145080	118.3	120.3	2.0	2.7	4.86	56	30	78	
Quartz for QAQC	QTZ			145081	QTZ	QTZ	0.0	0	0.22	18	3	40	

Serpentinized andesite	SPA	120.3	123.5	145082	120.3	122.3	2.0	2.7	10.40	636	49	590	
Dark Green Serpentinite	SPG			145083	122.3	123.5	1.2	2.7	21.60	1890	101	1600	
Mixed SPG and SPA	SPN	123.5	126.3	145084	123.5	126.3	2.8	N/A	12.75	679	45	535	
Black Serpentinite	SPB	126.3	134.6	145085	126.3	128.3	2.0	2.67	19.85	1860	86	1680	
Black Serpentinite	SPB			145086	128.3	130.3	2.0	2.67	16.75	1600	83	1200	
Black Serpentinite	SPB			145087	130.3	132.3	2.0	276	23.10	1820	88	1290	
Black Serpentinite	SPB			145088	132.3	134.6	2.3	2.76	18.05	1675	87	2400	
Fragmented SPB	SPB	134.6	137.7	145089	134.6	137.7	3.1	N/A	15.75	541	43	395	
Black Serpentinite	SPB	137.7	152.4	145090	137.7	139.7	2.0	2.65	22.10	1910	90	1540	
Black Serpentinite	SPB			145091	139.7	141.7	2.0	2.65	23.40	1895	94	1700	
Black Serpentinite	SPB			145092	141.7	143.7	2.0	2.65	23.90	1960	97	1490	
Black Serpentinite	SPB			145093	143.7	145.7	2.0	2.76	24.70	1975	96	1680	
Black Serpentinite	SPB			145094	145.7	147.7	2.0	2.76	23.70	1870	95	1410	
Black Serpentinite	SPB			145095	147.7	149.7	2.0	2.76	27.20	1995	98	1780	
Black Serpentinite	SPB			145096	149.7	152.4	2.7	2.76	23.70	1955	95	1300	
Insert #1				145097	57.6	59.6	2		27.20	2280	110	2320	
Insert #2				145098	110.3	112.3	2		**4.90**	54	36	88	
					E.O.H								
					152.4m								

SGS

Certificate of Analysis

Work Order: VC110830

To: **Hun Kim**
Geologist
WHY RESOURCES
(WEST HIGH YIELD)
PO BOX 68121 STN
Calgary
CROWFOOT AB T3G 3N8

Date: Jul 21, 2011

P.O. No.	:	PO#:
Project No.	:	-
No. Of Samples	:	97
Date Submitted	:	Jun 28, 2011
Report Comprises	:	Pages 1 to 10 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

SGS

Final : VC110830 Order: PO#:

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143001	2.135	9.04	<30	2900	<5	1.1	<10	150	30	30
143002	3.725	8.53	<30	2390	<5	2.6	<10	160	30	30
143003	5.110	7.18	<30	1620	<5	4.9	<10	280	30	30
143004	5.100	8.36	<30	2690	<5	4.6	<10	170	30	20
143005	4.810	7.85	<30	2850	<5	5.4	<10	150	30	10
143006	6.220	7.92	<30	2690	<5	3.8	<10	160	30	20
143007	5.285	8.84	<30	2300	<5	5.6	<10	140	20	30
143008	4.930	8.26	<30	2270	<5	3.7	<10	180	30	30
143009	5.155	8.28	<30	2260	<5	3.8	<10	200	30	30
143010	3.670	2.04	<30	40	<5	9.4	<10	2250	90	40
143011	3.875	8.11	<30	820	<5	1.8	<10	230	40	100
143012	4.635	8.62	<30	1640	<5	2.5	<10	130	30	90
143013	5.130	8.20	<30	1570	<5	3.2	<10	120	30	90
143014	5.515	8.45	<30	1370	<5	3.0	<10	130	30	30
143015	4.745	8.17	<30	1700	<5	3.8	<10	280	40	50
143016	5.255	7.75	<30	2000	<5	3.8	<10	230	30	20
143017	5.280	8.55	<30	990	<5	4.6	<10	160	40	10
143018	5.425	9.14	<30	710	<5	4.7	<10	110	40	50
143019	6.690	8.84	<30	320	<5	3.6	<10	220	50	30
143020	2.735	0.74	<30	10	<5	14.4	<10	2420	90	40
143021	0.725	0.66	<30	140	<5	<0.1	<10	150	<10	<10
143022	5.610	5.05	<30	90	<5	6.0	<10	1130	60	20
143023	5.500	8.28	<30	270	<5	4.2	<10	140	40	<10
143024	5.305	8.72	<30	400	<5	5.0	<10	160	40	<10
143025	5.485	8.58	<30	470	<5	4.3	<10	160	40	<10
143026	5.530	7.69	<30	340	<5	3.7	<10	310	50	10
143027	5.820	7.13	<30	440	<5	5.3	<10	760	50	20
143028	5.415	8.19	<30	430	<5	4.6	<10	490	50	<10
143029	5.695	7.95	<30	290	<5	1.8	<10	810	50	130
143030	5.215	8.61	<30	360	<5	0.7	<10	270	50	20
143031	5.470	1.12	30	10	<5	5.4	<10	2310	100	40
143032	5.515	3.45	<30	840	<5	5.7	<10	1710	70	30
143033	5.220	7.64	<30	2360	<5	4.6	<10	220	30	60
143034	5.255	7.75	<30	2130	<5	4.1	<10	170	30	50
143035	5.665	8.26	<30	2270	<5	3.4	<10	100	30	30
143036	5.240	7.34	<30	1390	<5	5.2	<10	210	30	40
143037	5.275	6.84	<30	1180	<5	5.4	<10	760	50	70
143038	5.535	6.71	<30	550	<5	6.4	<10	820	50	50
143039	5.640	7.02	<30	490	<5	5.8	<10	660	60	50
143040	4.760	7.00	<30	320	<5	5.0	<10	450	50	30
143041	0.860	0.43	<30	100	<5	<0.1	<10	150	<10	10
143042	4.995	4.10	<30	150	<5	5.9	<10	1450	70	30
143043	5.930	3.86	<30	750	<5	3.4	<10	1300	70	60

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143044	2.810	1.76	<30	10	<5	4.3	<10	2110	90	20
143045	4.195	8.80	<30	520	<5	0.5	<10	110	40	50
143046	6.415	0.87	<30	20	<5	4.2	<10	2600	100	20
143047	5.630	0.31	<30	<10	<5	4.9	<10	2830	100	60
143048	5.015	7.44	<30	240	<5	1.7	<10	510	50	90
143049	5.195	8.38	<30	300	<5	2.3	<10	210	30	140
143050	4.630	8.98	<30	490	<5	0.7	<10	120	20	<10
143051	4.125	0.76	<30	20	<5	4.8	<10	3090	90	20
143052	4.010	0.21	<30	<10	<5	3.3	<10	2730	110	20
143053	5.295	8.70	<30	570	<5	1.4	<10	160	40	10
143054	4.995	7.93	<30	310	<5	1.7	<10	150	40	<10
143055	5.765	1.65	<30	<10	<5	4.9	<10	1820	100	190
143056	5.640	0.30	<30	<10	<5	4.7	<10	2820	100	20
143057	6.425	7.53	<30	1770	<5	4.3	<10	200	30	30
143058	5.065	1.85	<30	20	<5	3.3	<10	2270	90	10
143059	5.455	0.20	<30	<10	<5	1.0	<10	3260	110	<10
143060	5.680	0.38	<30	<10	<5	1.5	<10	2550	100	20
143061	5.295	5.15	<30	<10	<5	1.1	<10	1760	70	<10
143062	1.050	0.32	<30	110	<5	<0.1	<10	120	<10	<10
143063	4.320	1.59	30	<10	<5	2.1	<10	2480	90	70
143064	5.165	7.09	<30	570	<5	1.7	<10	90	30	<10
143065	6.955	7.78	<30	2340	<5	3.5	<10	80	20	<10
143066	4.690	7.14	<30	1450	<5	3.4	<10	340	30	20
143067	5.885	6.51	<30	3040	<5	6.0	<10	220	40	20
143068	5.385	6.79	<30	2780	<5	7.0	<10	220	40	10
143069	5.470	6.12	<30	2380	<5	4.3	<10	130	30	<10
143070	5.780	7.24	<30	2660	<5	3.7	<10	80	30	<10
143071	4.905	7.09	<30	2570	<5	4.8	<10	160	30	60
143072	5.960	7.06	<30	2640	<5	5.9	<10	150	40	20
143073	5.395	7.23	<30	2780	<5	4.7	<10	140	30	30
143074	5.010	7.49	<30	2500	<5	3.7	<10	90	20	30
143075	5.100	7.68	<30	2510	<5	3.8	<10	90	20	20
143076	5.420	7.43	<30	2670	<5	3.7	<10	90	20	<10
143077	5.115	7.49	<30	2600	<5	3.6	<10	70	20	10
143078	6.615	6.76	<30	2240	<5	4.1	<10	380	30	20
143079	5.395	1.83	<30	510	<5	2.7	<10	2180	100	20
143080	4.165	3.01	30	90	<5	4.9	<10	1890	90	20
143081	0.610	0.58	<30	140	<5	<0.1	<10	140	<10	<10
143082	6.030	6.94	<30	2050	<5	4.1	<10	500	40	10
143083	5.215	7.67	<30	2860	<5	3.4	<10	150	30	<10
143084	5.905	7.78	<30	2690	<5	3.2	<10	220	30	<10
143085	5.215	7.85	<30	2840	<5	3.5	<10	90	20	<10
143086	4.990	8.02	<30	2560	<5	2.8	<10	80	30	<10

Final : VC110830 Order: PO#:

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143087	6.340	7.13	<30	1930	<5	5.6	<10	270	40	<10
143088	4.795	0.19	<30	<10	<5	0.4	<10	2590	100	<10
143089	4.845	0.19	30	<10	<5	0.2	<10	2630	110	20
143090	4.965	0.15	40	<10	<5	<0.1	<10	2550	100	20
143091	5.490	0.16	<30	<10	<5	<0.1	<10	3820	110	10
143092	4.880	0.16	<30	<10	<5	<0.1	<10	3190	110	<10
143093	4.930	0.12	<30	<10	<5	<0.1	<10	3650	120	<10
143094	5.405	0.16	40	<10	<5	0.2	<10	3240	110	<10
143095	5.285	0.12	<30	<10	<5	0.5	<10	3070	100	<10
143096	5.200	1.10	<30	20	<5	0.9	<10	2350	110	70
143097	4.450	0.17	<30	<10	<5	2.1	<10	2380	110	40

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Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	50
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143001	5.37	5.5	90	40	2.48	3850	<10	20	0.31	<50
143002	5.73	5.2	80	40	2.35	3530	<10	20	0.29	<50
143003	6.80	3.6	50	50	3.15	4800	<10	40	0.23	<50
143004	7.16	5.2	80	40	2.33	4540	<10	20	0.30	<50
143005	6.53	5.2	80	40	2.18	4790	<10	20	0.28	<50
143006	6.65	4.9	80	40	2.36	4530	<10	20	0.28	<50
143007	6.26	4.3	80	40	2.94	4280	<10	30	0.28	<50
143008	5.58	4.1	90	30	2.59	2200	<10	20	0.30	<50
143009	5.66	3.6	80	20	3.28	1840	<10	30	0.30	<50
143010	5.20	0.1	<10	30	12.9	2070	<10	1460	0.03	<50
143011	5.92	1.5	50	30	9.77	1170	<10	60	0.20	<50
143012	5.94	2.7	80	20	5.88	1390	<10	30	0.25	<50
143013	5.99	2.5	60	30	3.21	1860	<10	30	0.22	<50
143014	6.21	3.0	60	40	4.24	2610	<10	60	0.22	<50
143015	6.14	3.4	60	30	4.76	1350	<10	90	0.23	<50
143016	5.97	3.6	70	20	4.26	1260	70	50	0.25	<50
143017	6.42	2.3	30	30	4.34	1870	<10	70	0.14	<50
143018	6.95	2.0	<10	30	4.11	1620	<10	40	0.08	<50
143019	6.94	1.5	<10	40	6.78	1320	<10	140	0.09	<50
143020	4.30	<0.1	<10	<10	12.0	1750	<10	1590	<0.01	<50
143021	0.25	0.3	<10	<10	0.07	20	<10	<10	<0.01	<50
143022	5.83	0.6	<10	30	10.6	1410	<10	860	0.04	<50
143023	6.60	1.8	<10	30	4.11	1270	20	50	0.08	<50
143024	6.73	2.5	<10	40	4.38	1260	<10	50	0.08	<50
143025	6.72	3.0	<10	40	5.10	1110	<10	50	0.08	<50
143026	6.56	2.1	<10	60	7.15	1140	<10	140	0.07	<50
143027	6.86	1.8	<10	40	7.07	1160	<10	450	0.07	<50
143028	7.19	1.9	<10	40	7.92	1290	10	270	0.07	<50
143029	7.05	1.3	<10	130	10.2	1080	<10	390	0.08	<50
143030	6.69	1.4	<10	140	8.88	870	<10	210	0.09	<50
143031	5.97	<0.1	<10	20	19.2	1300	<10	1900	<0.01	<50
143032	5.40	1.2	30	20	12.9	1780	<10	1250	0.12	<50
143033	5.75	3.6	80	20	3.40	1870	20	50	0.29	<50
143034	5.77	3.4	80	20	3.10	1840	<10	30	0.30	<50
143035	5.45	4.2	100	20	1.97	1960	<10	20	0.32	<50
143036	5.60	2.8	80	20	3.89	1210	50	100	0.26	<50
143037	6.66	2.1	20	30	7.90	1480	<10	400	0.13	<50
143038	6.51	1.8	<10	30	8.87	1280	<10	430	0.06	<50
143039	6.72	1.1	10	30	8.68	1370	<10	410	0.10	<50
143040	6.77	1.2	<10	30	7.73	1220	<10	290	0.06	<50
143041	0.26	0.2	<10	<10	0.06	30	<10	<10	<0.01	<50
143042	5.96	0.8	<10	20	12.8	1180	<10	1030	0.04	<50
143043	6.09	0.8	20	20	13.6	970	<10	940	0.10	<50

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	50
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143044	5.46	<0.1	<10	<10	18.3	1040	<10	1720	0.02	<50
143045	6.94	1.3	<10	120	9.32	1080	<10	90	0.09	<50
143046	5.27	<0.1	<10	<10	18.7	1040	<10	1950	0.01	<50
143047	4.90	<0.1	<10	<10	15.8	1360	<10	2020	<0.01	<50
143048	6.64	1.0	<10	70	10.2	1160	<10	410	0.07	<50
143049	5.87	1.7	<10	60	5.63	900	<10	140	0.10	<50
143050	5.05	2.5	<10	90	5.51	460	<10	120	0.11	<50
143051	5.26	0.1	<10	10	18.9	960	<10	1900	<0.01	<50
143052	6.39	<0.1	<10	<10	22.2	1000	<10	2310	<0.01	<50
143053	7.26	1.7	<10	70	7.99	2000	<10	110	0.09	<50
143054	6.52	1.3	<10	70	8.89	1220	<10	130	0.07	<50
143055	5.66	<0.1	<10	<10	17.6	1190	<10	1600	0.02	<50
143056	4.87	<0.1	<10	<10	18.7	1180	<10	2000	<0.01	<50
143057	5.79	2.8	60	20	3.52	1300	<10	50	0.21	<50
143058	5.67	0.2	<10	20	17.7	1030	<10	1670	0.02	<50
143059	5.26	<0.1	<10	<10	22.9	1100	<10	2180	<0.01	<50
143060	5.34	<0.1	<10	<10	19.9	870	<10	2080	<0.01	<50
143061	6.46	<0.1	<10	<10	16.8	890	<10	1000	0.05	<50
143062	0.21	0.1	<10	<10	0.14	20	<10	<10	<0.01	<50
143063	7.34	<0.1	<10	20	16.3	2110	<10	1740	0.02	<50
143064	12.1	1.1	70	120	4.74	6640	<10	60	0.07	<50
143065	7.26	4.4	70	70	2.74	4680	<10	30	0.08	<50
143066	7.82	2.2	60	70	4.80	4490	<10	190	0.22	<50
143067	6.44	3.4	70	40	3.94	1850	<10	60	0.38	<50
143068	6.75	3.3	70	20	4.10	1640	<10	60	0.37	<50
143069	5.12	2.7	60	20	2.73	1460	10	30	0.25	<50
143070	5.36	3.0	60	30	2.25	1290	20	<10	0.21	<50
143071	5.81	3.0	60	30	3.19	1140	<10	40	0.29	<50
143072	6.43	2.8	70	30	3.46	1310	<10	30	0.38	<50
143073	5.57	2.9	60	20	2.80	1140	<10	20	0.28	<50
143074	5.05	2.7	60	20	2.29	1010	<10	<10	0.21	<50
143075	5.07	2.8	60	20	2.33	890	<10	<10	0.21	<50
143076	5.12	3.1	60	20	2.22	980	<10	<10	0.22	<50
143077	5.00	3.2	60	20	2.20	980	<10	<10	0.22	<50
143078	5.11	2.4	50	40	4.56	1020	20	260	0.20	<50
143079	5.58	0.7	10	20	18.2	1100	<10	1670	0.07	<50
143080	5.61	0.2	<10	20	15.8	1090	<10	1480	0.03	<50
143081	0.26	0.3	<10	<10	0.08	20	<10	<10	<0.01	<50
143082	5.62	2.1	50	30	5.70	1020	<10	380	0.18	<50
143083	5.58	2.9	60	40	3.19	1130	<10	50	0.24	<50
143084	5.46	2.9	60	30	3.48	1100	<10	90	0.24	<50
143085	5.54	3.0	70	30	2.79	1120	<10	<10	0.26	<50
143086	5.45	3.2	60	40	2.87	1110	<10	10	0.24	<50

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	50
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143087	6.62	2.0	80	40	4.64	1320	<10	140	0.39	<50
143088	5.03	<0.1	<10	<10	22.0	990	<10	2100	<0.01	<50
143089	5.10	<0.1	<10	<10	23.2	910	<10	2110	<0.01	<50
143090	4.45	<0.1	<10	<10	22.0	880	<10	2050	<0.01	<50
143091	5.15	<0.1	<10	<10	23.2	820	10	2070	<0.01	<50
143092	5.28	<0.1	<10	<10	23.0	750	30	1990	<0.01	<50
143093	5.20	<0.1	<10	<10	22.3	870	<10	2180	<0.01	<50
143094	5.48	<0.1	<10	<10	23.0	930	<10	2190	<0.01	<50
143095	5.59	<0.1	<10	<10	23.2	1050	20	2230	<0.01	<50
143096	5.45	<0.1	<10	10	20.6	900	<10	1870	0.01	<50
143097	5.26	<0.1	<10	<10	20.2	1010	<10	1860	<0.01	<50

Element	Sc	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	50	10	0.01	10	50	5	10
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143001	13	<50	830	0.61	170	<50	23	1650
143002	12	<50	800	0.58	150	<50	22	2910
143003	16	<50	720	0.56	140	<50	18	2610
143004	12	<50	830	0.59	140	<50	22	380
143005	12	<50	790	0.58	130	<50	21	270
143006	12	<50	750	0.58	130	<50	22	260
143007	13	<50	860	0.56	150	<50	23	200
143008	13	<50	950	0.60	150	<50	23	200
143009	14	<50	1030	0.58	160	<50	22	120
143010	8	<50	630	0.12	60	<50	<5	140
143011	26	<50	550	0.54	220	<50	19	60
143012	19	<50	700	0.61	180	<50	20	70
143013	20	<50	780	0.58	190	<50	19	170
143014	19	<50	690	0.57	180	<50	20	200
143015	23	<50	920	0.56	180	<50	20	80
143016	21	<50	810	0.57	190	<50	19	80
143017	26	<50	670	0.50	240	<50	16	430
143018	34	<50	760	0.51	310	<50	14	100
143019	38	<50	490	0.53	310	<50	14	90
143020	<5	<50	540	0.03	20	<50	<5	70
143021	<5	<50	<10	0.05	<10	<50	7	<10
143022	22	<50	390	0.28	180	<50	6	60
143023	35	<50	850	0.48	290	<50	13	60
143024	37	<50	640	0.50	310	<50	13	80
143025	37	<50	490	0.48	300	<50	13	80
143026	36	<50	460	0.46	290	<50	13	70
143027	25	<50	460	0.38	230	<50	10	60
143028	34	<50	470	0.45	280	<50	12	70
143029	35	<50	330	0.45	280	<50	11	80
143030	27	<50	300	0.43	260	<50	12	70
143031	5	<50	130	0.05	30	<50	<5	80
143032	8	<50	510	0.26	60	<50	7	90
143033	16	<50	1150	0.56	150	<50	19	90
143034	15	<50	1090	0.60	160	<50	19	110
143035	11	<50	930	0.67	140	<50	22	130
143036	13	<50	1010	0.57	130	<50	20	90
143037	27	<50	840	0.44	220	<50	12	100
143038	30	<50	730	0.37	240	<50	9	70
143039	29	<50	630	0.42	240	<50	12	80
143040	38	<50	390	0.40	270	<50	10	60
143041	<5	<50	<10	0.03	<10	<50	6	<10
143042	21	<50	350	0.23	150	<50	6	60
143043	26	<50	360	0.28	140	<50	8	50

Element Method Det.Lim. Units	Sc @ICP90A 5 ppm	Sn @ICP90A 50 ppm	Sr @ICP90A 10 ppm	Ti @ICP90A 0.01 %	V @ICP90A 10 ppm	W @ICP90A 50 ppm	Y @ICP90A 5 ppm	Zn @ICP90A 10 ppm
143044	9	<50	120	0.09	50	<50	<5	50
143045	31	<50	340	0.46	290	<50	14	40
143046	<5	<50	180	0.04	20	<50	<5	50
143047	<5	<50	110	<0.01	10	<50	<5	50
143048	29	<50	290	0.39	240	<50	11	60
143049	21	<50	310	0.35	190	<50	13	50
143050	10	<50	710	0.28	130	<50	14	30
143051	<5	<50	160	0.02	10	<50	<5	60
143052	<5	<50	90	<0.01	<10	<50	<5	40
143053	32	<50	350	0.46	290	<50	12	110
143054	29	<50	460	0.43	260	<50	13	60
143055	7	<50	200	0.09	50	<50	<5	60
143056	<5	<50	180	<0.01	20	<50	<5	60
143057	18	<50	1030	0.56	170	<50	17	90
143058	8	<50	110	0.12	60	<50	<5	60
143059	<5	<50	40	<0.01	<10	<50	<5	70
143060	<5	<50	60	0.02	10	<50	<5	40
143061	20	<50	160	0.29	160	<50	9	60
143062	<5	<50	<10	0.03	<10	<50	6	<10
143063	<5	<50	120	0.07	40	<50	<5	200
143064	<5	<50	170	0.22	110	<50	13	330
143065	<5	<50	540	0.24	90	<50	16	190
143066	14	<50	580	0.53	150	<50	20	540
143067	18	<50	1520	0.59	170	<50	21	120
143068	19	<50	1670	0.59	160	<50	23	90
143069	13	<50	1070	0.46	140	<50	19	60
143070	14	<50	970	0.53	150	<50	20	50
143071	16	<50	1260	0.54	170	<50	21	60
143072	17	<50	1470	0.62	180	<50	25	70
143073	15	<50	1280	0.56	160	<50	20	50
143074	15	<50	1100	0.51	150	<50	21	30
143075	14	<50	1050	0.52	150	<50	20	30
143076	15	<50	1080	0.55	140	<50	21	60
143077	14	<50	1050	0.51	150	<50	19	70
143078	14	<50	990	0.47	130	<50	18	70
143079	6	<50	380	0.13	50	<50	<5	70
143080	9	<50	360	0.13	80	<50	<5	120
143081	<5	<50	<10	0.04	<10	<50	6	<10
143082	15	<50	910	0.45	140	<50	18	90
143083	16	<50	1030	0.54	160	<50	22	80
143084	17	<50	1000	0.54	150	<50	21	80
143085	16	<50	1010	0.59	160	<50	22	70
143086	17	<50	900	0.58	160	<50	22	80

SGS

Final : VC110830 Order: PO#:

Element	Sc	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	50	10	0.01	10	50	5	10
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143087	16	<50	1510	0.68	170	<50	26	80
143088	<5	<50	30	<0.01	<10	<50	<5	60
143089	<5	<50	<10	<0.01	<10	<50	<5	40
143090	<5	<50	<10	<0.01	<10	<50	<5	30
143091	<5	<50	<10	<0.01	<10	<50	<5	50
143092	<5	<50	<10	<0.01	<10	<50	<5	40
143093	<5	<50	<10	<0.01	<10	<50	<5	40
143094	<5	<50	<10	<0.01	<10	<50	<5	40
143095	<5	<50	<10	<0.01	<10	<50	<5	40
143096	<5	<50	50	0.05	20	<50	<5	50
143097	<5	<50	120	<0.01	<10	<50	<5	40

Certificate of Analysis

Work Order: VC110830R

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 14, 2011

P.O. No.	:	PO#:
Project No.	:	-
No. Of Samples	:	97
Date Submitted	:	Aug 24, 2011
Report Comprises	:	Pages 1 to 10 (Inclusive of Cover Sheet)

Certified By : ______________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143008	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143009	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143010	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143011	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143012	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143016	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143018	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143024	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143026	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143028	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143030	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143031	0.99	<30	10	<5	5.0	<10	2140	100	30	5.46
143032	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143034	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143035	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143041	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143042	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143043	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143044	1.63	<30	<10	<5	4.1	<10	2090	100	20	5.24
143045	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143046	0.85	<30	20	<5	4.1	<10	2570	110	20	5.10
143047	0.30	<30	<10	<5	4.9	<10	2760	110	60	4.89
143048	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143049	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143050	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143051	0.69	<30	10	<5	4.5	<10	2720	100	20	4.90
143052	0.19	<30	<10	<5	3.1	<10	2590	120	20	6.01
143053	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143054	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143055	1.52	<30	<10	<5	4.8	<10	1870	100	210	5.54
143056	0.29	30	<10	<5	4.5	<10	2700	110	20	4.70
143057	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143058	1.73	<30	20	<5	3.1	<10	2240	90	10	5.50
143059	0.19	<30	<10	<5	1.1	<10	3090	110	<10	5.14
143060	0.37	<30	<10	<5	1.4	<10	2440	100	10	5.15
143061	4.82	<30	<10	<5	1.1	<10	1770	80	<10	6.21
143062	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143063	1.53	40	<10	<5	1.9	<10	2340	100	90	6.87
143064	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143065	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143066	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143067	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143068	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143069	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143070	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143071	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143072	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143073	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143074	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143075	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143076	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143077	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143078	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143079	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143080	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143081	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143082	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143083	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143084	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143085	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143086	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

SGS

Element Method Det.Lim. Units	Al @ICP90A 0.01 %	As @ICP90A 30 ppm	Ba @ICP90A 10 ppm	Be @ICP90A 5 ppm	Ca @ICP90A 0.1 %	Cd @ICP90A 10 ppm	Cr @ICP90A 10 ppm	Co @ICP90A 10 ppm	Cu @ICP90A 10 ppm	Fe @ICP90A 0.01 %
143087	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143088	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143089	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143090	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143091	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143092	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143093	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143094	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143095	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143096	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143097	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Sb	Sc
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	50	5
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143008	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143009	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143010	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143011	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143012	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143016	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143018	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143024	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143026	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143028	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143030	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143031	0.3	<10	<10	18.2	1220	<10	1870	<0.01	<50	<5
143032	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143034	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143035	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143041	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143042	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143043	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Sb	Sc
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	50	5
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143044	0.1	<10	<10	18.2	1010	<10	1720	0.02	<50	9
143045	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143046	<0.1	<10	<10	19.1	1020	<10	1950	0.01	<50	<5
143047	<0.1	<10	<10	16.5	1330	<10	2030	<0.01	<50	<5
143048	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143049	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143050	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143051	0.2	<10	<10	18.4	890	<10	1810	0.02	<50	<5
143052	<0.1	<10	<10	21.5	960	<10	2260	<0.01	<50	<5
143053	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143054	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143055	<0.1	<10	<10	18.1	1200	<10	1610	0.02	<50	7
143056	<0.1	<10	<10	19.4	1190	<10	1940	<0.01	<50	<5
143057	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143058	0.1	<10	20	18.6	1010	<10	1620	0.02	<50	8
143059	<0.1	<10	<10	24.4	1090	<10	2080	<0.01	<50	<5
143060	<0.1	<10	<10	21.4	840	<10	1920	<0.01	<50	<5
143061	<0.1	<10	<10	16.9	880	<10	1030	0.05	<50	21
143062	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143063	<0.1	<10	<10	16.9	2170	<10	1710	0.03	<50	<5
143064	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143065	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143066	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143067	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143068	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143069	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143070	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143071	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143072	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143073	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143074	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143075	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143076	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143077	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143078	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143079	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143080	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143081	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143082	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143083	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143084	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143085	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143086	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Sb	Sc
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	50	5
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143087	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143088	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143089	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143090	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143091	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143092	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143093	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143094	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143095	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143096	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143097	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	ppm	ppm
143001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143008	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143009	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143010	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143011	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143012	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143016	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143018	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143024	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143026	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143028	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143030	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143031	<50	120	0.05	30	<50	<5	50
143032	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143034	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143035	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143041	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143042	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143043	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	ppm	ppm
143044	<50	110	0.08	50	<50	<5	50
143045	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143046	<50	170	0.04	20	<50	<5	50
143047	<50	100	<0.01	<10	<50	<5	40
143048	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143049	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143050	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143051	<50	140	0.02	<10	<50	<5	40
143052	<50	80	<0.01	<10	<50	<5	30
143053	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143054	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143055	<50	190	0.09	40	<50	<5	60
143056	<50	170	<0.01	10	<50	<5	50
143057	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143058	<50	110	0.10	50	<50	<5	50
143059	<50	40	<0.01	<10	<50	<5	50
143060	<50	60	0.01	<10	<50	<5	20
143061	<50	160	0.27	150	<50	9	50
143062	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143063	<50	110	0.07	30	<50	<5	180
143064	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143065	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143066	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143067	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143068	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143069	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143070	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143071	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143072	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143073	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143074	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143075	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143076	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143077	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143078	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143079	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143080	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143081	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143082	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143083	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143084	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143085	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143086	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Final : VC110830R Order: PO#:

Element	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	ppm	ppm
143087	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143088	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143089	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143090	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143091	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143092	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143093	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143094	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143095	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143096	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143097	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Certificate of Analysis

Work Order: VC110881

To: **Hun Kim** Date: Jul 25, 2011

Geologist
WHY RESOURCES
(WEST HIGH YIELD)
PO BOX 68121 STN
Calgary
CROWFOOT AB T3G 3N8

P.O. No.	:	QUOTE :11-0104,SAMPLES (143098-143159)
Project No.	:	-
No. Of Samples	:	62
Date Submitted	:	Jul 04, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ________________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143098	6.825	8.93	<30	2330	<5	2.6	<10	120	20	130
143099	5.450	8.58	<30	2280	<5	2.7	<10	120	20	120
143100	5.340	8.18	<30	1820	<5	1.4	<10	220	30	130
143101	0.640	0.46	<30	140	<5	<0.1	<10	150	<10	100
143102	4.260	8.77	<30	1480	<5	2.5	<10	40	20	100
143103	4.885	8.18	<30	1620	<5	3.1	<10	140	30	100
143104	4.805	9.19	<30	1880	<5	2.4	<10	60	10	110
143105	4.640	8.68	<30	2680	<5	1.7	<10	70	20	120
143106	4.890	8.44	<30	2720	<5	2.3	<10	90	20	100
143107	4.595	7.52	<30	2450	<5	1.1	<10	70	30	120
143108	4.375	7.96	<30	2180	<5	1.5	<10	110	30	110
143109	4.875	7.38	<30	1440	<5	2.4	<10	130	30	120
143110	6.020	7.95	<30	1830	<5	4.1	<10	150	30	100
143111	5.020	7.83	<30	1930	<5	4.0	<10	150	20	100
143112	5.220	8.01	<30	2180	<5	4.7	<10	170	30	110
143113	5.470	8.17	<30	2160	<5	4.6	<10	160	30	100
143114	5.235	7.14	<30	1810	<5	6.1	<10	660	40	110
143115	5.055	7.34	<30	1780	<5	4.2	<10	280	30	110
143116	5.665	7.56	<30	2530	<5	3.6	<10	260	30	100
143117	5.535	7.81	<30	2400	<5	3.6	<10	540	40	90
143118	5.340	7.97	<30	2470	<5	3.9	<10	100	30	90
143119	4.965	8.75	<30	1920	<5	3.2	<10	80	20	100
143120	5.300	8.52	<30	1570	<5	3.5	<10	50	20	100
143121	1.125	1.17	<30	240	<5	<0.1	<10	120	<10	90
143122	5.150	8.52	<30	1190	<5	3.9	<10	50	20	100
143123	5.175	8.64	<30	1750	<5	3.2	<10	60	20	110
143124	5.055	8.70	<30	1930	<5	2.8	<10	50	20	100
143125	6.010	7.47	<30	1870	<5	3.8	<10	230	30	110
143126	4.780	7.10	<30	1990	<5	4.1	<10	300	30	110
143127	4.970	7.98	<30	2810	<5	3.1	<10	120	20	80
143128	5.630	7.89	<30	2220	<5	4.1	<10	180	30	120
143129	5.220	7.78	<30	1500	<5	4.4	<10	150	30	120
143130	4.975	6.79	<30	1660	<5	4.9	<10	330	40	110
143131	5.800	8.15	<30	2120	<5	2.7	<10	90	20	120
143132	4.850	8.93	<30	2010	<5	2.5	<10	40	20	110
143133	4.650	7.81	<30	1970	<5	2.9	<10	80	20	100
143134	5.265	7.43	<30	2050	<5	3.3	<10	130	20	110
143135	5.055	7.42	<30	2030	<5	3.7	<10	160	30	100
143136	5.250	7.53	<30	1980	<5	4.5	<10	190	30	100
143137	5.815	7.47	<30	1930	<5	4.6	<10	200	40	90
143138	5.060	7.47	<30	2000	<5	4.6	<10	210	40	100
143139	5.375	7.61	<30	2340	<5	4.7	<10	260	40	90
143140	5.420	7.68	<30	2580	<5	2.1	<10	70	30	90

Final : VC110881 Order: QUOTE :11-0104,SAMPLES (143098-143159)

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143141	0.895	0.64	<30	200	<5	<0.1	<10	130	<10	90
143142	5.380	7.61	<30	2430	<5	2.8	<10	140	20	90
143143	4.785	8.06	<30	2490	<5	3.7	<10	110	20	90
143144	5.280	7.70	<30	2730	<5	3.9	<10	90	20	80
143145	5.440	7.75	<30	2660	<5	3.9	<10	100	30	80
143146	5.215	7.99	<30	2680	<5	4.0	<10	90	30	80
143147	5.265	7.81	<30	2630	<5	4.2	<10	90	20	80
143148	4.935	8.03	<30	2790	<5	3.9	<10	100	30	80
143149	5.410	8.21	<30	2630	<5	4.2	<10	100	30	80
143150	5.265	8.26	<30	2600	<5	4.0	<10	100	30	60
143151	5.195	8.28	<30	2670	<5	3.9	<10	90	30	70
143152	5.540	7.46	<30	2330	<5	4.9	<10	190	40	70
143153	5.645	7.19	<30	2420	<5	4.1	<10	150	40	110
143154	5.180	7.60	<30	2420	<5	4.6	<10	120	30	70
143155	4.875	7.67	<30	2020	<5	3.1	<10	130	20	90
143156	5.300	7.80	<30	2540	<5	3.6	<10	100	20	70
143157	5.310	7.71	<30	2550	<5	4.3	<10	190	30	80
143158	5.575	7.08	<30	2150	<5	5.0	<10	290	30	80
143159	5.470	7.12	<30	2070	<5	4.8	<10	290	30	80

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Final : VC110881 Order: QUOTE :11-0104,SAMPLES (143098-143159)

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143098	4.95	4.4	70	20	1.99	1370	<10	30	0.28	40
143099	4.99	4.6	60	20	1.92	1010	<10	30	0.28	20
143100	6.88	3.1	60	50	2.93	3480	<10	50	0.27	750
143101	0.27	0.2	<10	<10	0.07	30	<10	<10	0.01	<20
143102	6.28	2.8	40	30	1.94	2670	<10	10	0.25	120
143103	5.36	3.2	60	20	2.27	1280	<10	30	0.26	40
143104	4.25	4.2	80	20	1.26	980	<10	<10	0.22	30
143105	6.54	3.8	70	40	2.15	3650	<10	20	0.24	330
143106	5.61	3.5	60	30	2.50	1800	<10	20	0.23	60
143107	8.56	2.9	50	60	2.60	5440	<10	10	0.22	250
143108	8.08	2.9	70	60	2.78	4500	<10	30	0.27	230
143109	10.4	2.4	70	80	3.02	5760	<10	30	0.29	210
143110	5.53	3.4	80	30	2.52	1240	<10	30	0.31	20
143111	5.55	3.4	70	30	2.49	1420	<10	30	0.30	30
143112	6.09	3.2	70	30	3.35	2330	<10	30	0.29	210
143113	5.90	3.3	70	30	3.22	2550	<10	30	0.29	320
143114	5.96	3.0	60	20	4.77	1390	<10	270	0.25	30
143115	5.65	2.5	70	30	4.32	1190	<10	120	0.24	<20
143116	5.26	2.6	60	30	3.49	2100	<10	110	0.23	30
143117	5.61	2.9	60	20	4.41	1190	<10	230	0.21	<20
143118	5.47	3.5	70	20	2.31	1010	<10	20	0.26	<20
143119	4.59	3.5	80	20	1.58	860	<10	20	0.24	20
143120	4.89	3.1	60	20	1.61	850	<10	<10	0.23	<20
143121	0.30	0.6	10	<10	0.10	20	<10	<10	<0.01	<20
143122	5.30	2.4	40	20	1.82	880	<10	<10	0.23	<20
143123	4.58	3.6	70	20	1.41	780	<10	<10	0.22	<20
143124	4.17	3.8	80	20	1.23	840	<10	<10	0.21	20
143125	5.17	3.8	70	20	2.70	1520	<10	50	0.24	90
143126	6.01	3.7	60	20	3.35	1900	<10	70	0.26	120
143127	5.71	4.5	70	30	1.99	3060	<10	30	0.27	80
143128	4.98	4.3	60	20	2.50	1890	<10	50	0.26	40
143129	5.28	2.7	50	20	2.60	1930	<10	40	0.25	80
143130	5.76	2.9	50	30	3.86	1340	<10	80	0.26	30
143131	5.01	4.3	80	30	1.75	2220	10	20	0.21	90
143132	4.38	4.6	80	20	1.27	1810	<10	<10	0.21	50
143133	4.01	4.1	80	20	1.34	1370	<10	20	0.21	120
143134	3.83	4.0	90	20	1.65	910	<10	30	0.22	30
143135	4.82	4.2	80	20	2.32	1700	<10	30	0.23	30
143136	5.67	3.5	70	20	3.00	1730	<10	30	0.24	40
143137	6.17	3.1	60	10	3.25	1540	<10	30	0.24	50
143138	5.80	3.2	60	10	3.23	1350	<10	30	0.24	30
143139	5.81	2.7	60	20	3.22	2040	10	90	0.23	60
143140	9.10	2.7	60	60	3.09	4840	10	20	0.22	<20

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143141	0.22	0.3	<10	<10	0.08	30	<10	10	<0.01	<20
143142	5.19	4.0	90	30	1.86	2160	<10	40	0.21	50
143143	4.96	3.4	70	30	2.28	2080	<10	20	0.22	460
143144	5.19	3.2	60	20	2.33	1640	<10	20	0.21	60
143145	5.25	3.3	60	20	2.33	1100	<10	20	0.22	<20
143146	5.32	3.3	70	20	2.42	1090	<10	20	0.22	<20
143147	5.21	3.2	60	20	2.34	1060	<10	10	0.22	<20
143148	5.40	3.3	70	20	2.44	990	<10	20	0.22	20
143149	5.36	3.2	70	20	2.39	970	<10	20	0.21	20
143150	5.31	3.2	70	20	2.39	960	<10	20	0.22	20
143151	5.27	2.9	60	20	2.49	900	<10	20	0.21	<20
143152	6.05	3.2	60	20	3.08	1500	<10	30	0.23	20
143153	6.98	3.2	70	30	2.91	2380	<10	30	0.27	30
143154	7.06	3.3	90	20	3.15	2020	<10	30	0.38	30
143155	4.13	4.0	100	20	1.73	1000	<10	40	0.22	30
143156	4.83	3.6	70	20	2.15	1060	<10	20	0.22	<20
143157	5.54	3.2	70	20	3.03	1160	<10	30	0.25	<20
143158	5.80	3.3	70	20	3.78	1270	<10	60	0.31	<20
143159	5.72	2.9	80	20	3.82	1310	<10	60	0.26	<20

Element	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	SiO2
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	50	10	0.01	10	50	5	10	0.01
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143098	<50	12	<50	1220	0.61	140	<50	20	140	48.0
143099	<50	11	<50	1180	0.62	140	<50	19	230	43.7
143100	<50	15	<50	850	0.58	160	<50	18	830	53.0
143101	<50	<5	<50	<10	0.03	<10	<50	7	<10	67.7
143102	<50	11	<50	880	0.60	140	<50	20	440	53.1
143103	<50	13	<50	1000	0.56	130	<50	22	230	53.0
143104	<50	9	<50	1110	0.49	80	<50	24	140	51.7
143105	<50	15	<50	790	0.54	130	<50	21	910	54.3
143106	<50	18	<50	930	0.57	140	<50	22	320	47.5
143107	<50	17	<50	520	0.51	130	<50	20	820	45.6
143108	<50	16	<50	650	0.56	150	<50	21	870	41.1
143109	<50	14	<50	610	0.55	140	<50	20	710	45.1
143110	<50	16	<50	1190	0.61	160	<50	23	80	52.5
143111	<50	16	<50	1240	0.61	150	<50	21	100	46.3
143112	<50	19	<50	1340	0.57	140	<50	21	290	50.3
143113	<50	18	<50	1350	0.56	160	<50	20	410	45.5
143114	<50	17	<50	1370	0.47	130	<50	18	140	47.0
143115	<50	18	<50	1080	0.50	150	<50	20	110	46.7
143116	<50	17	<50	1040	0.51	160	<50	21	130	52.5
143117	<50	18	<50	910	0.51	160	<50	21	130	50.2
143118	<50	16	<50	1060	0.56	160	<50	23	90	44.3
143119	<50	11	<50	1130	0.52	110	<50	23	70	47.7
143120	<50	10	<50	1030	0.55	130	<50	22	70	51.1
143121	<50	<5	<50	<10	0.07	10	<50	10	<10	44.4
143122	<50	12	<50	950	0.60	160	<50	22	60	52.0
143123	<50	10	<50	1090	0.53	120	<50	24	50	50.4
143124	<50	9	<50	1110	0.46	90	<50	23	230	56.7
143125	<50	15	<50	970	0.48	140	<50	23	160	51.6
143126	<50	18	<50	1120	0.53	170	<50	19	170	48.1
143127	<50	11	<50	1060	0.55	140	<50	19	290	52.9
143128	<50	14	<50	1070	0.55	160	<50	19	110	52.1
143129	<50	15	<50	1010	0.56	150	<50	20	130	48.1
143130	<50	21	<50	1020	0.49	160	<50	20	100	49.9
143131	<50	9	<50	910	0.40	90	<50	21	370	51.9
143132	<50	9	<50	990	0.45	90	<50	24	830	55.0
143133	<50	8	<50	1000	0.44	90	<50	22	190	50.7
143134	<50	8	<50	1300	0.42	100	<50	20	90	47.0
143135	<50	14	<50	1100	0.49	130	<50	20	140	50.9
143136	<50	18	<50	1180	0.53	170	<50	20	120	51.0
143137	<50	21	<50	1190	0.58	180	<50	20	110	51.5
143138	<50	21	<50	1100	0.58	180	<50	20	100	45.7
143139	<50	18	<50	970	0.55	170	<50	21	150	49.7
143140	<50	16	<50	480	0.55	160	<50	23	280	51.0

Element	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	SiO2
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	50	10	0.01	10	50	5	10	0.01
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143141	<50	<5	<50	<10	0.04	<10	<50	8	<10	97.1
143142	<50	8	<50	1080	0.40	100	<50	18	190	56.8
143143	<50	13	<50	1160	0.53	140	<50	21	990	55.7
143144	<50	16	<50	1060	0.58	160	<50	23	110	53.8
143145	<50	16	<50	1160	0.58	150	<50	22	80	54.8
143146	<50	16	<50	1290	0.59	160	<50	23	90	54.9
143147	<50	16	<50	1280	0.57	160	<50	22	90	55.3
143148	<50	16	<50	1290	0.59	160	<50	23	90	56.4
143149	<50	16	<50	1230	0.60	160	<50	24	80	56.1
143150	<50	16	<50	1200	0.62	160	<50	23	80	57.0
143151	<50	16	<50	1380	0.59	150	<50	22	80	56.2
143152	<50	20	<50	1130	0.58	180	<50	21	140	51.4
143153	<50	18	<50	940	0.59	170	<50	24	140	50.5
143154	<50	17	<50	1220	0.68	160	<50	30	130	49.4
143155	<50	8	<50	1210	0.43	100	<50	19	110	55.0
143156	<50	13	<50	1200	0.52	130	<50	21	90	55.5
143157	<50	18	<50	1210	0.55	170	<50	23	80	54.1
143158	<50	20	<50	1400	0.59	180	<50	24	90	51.1
143159	<50	20	<50	1280	0.52	170	<50	21	90	53.5

Certificate of Analysis

Work Order: VC110882R

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 14, 2011

P.O. No.	:	QUOTE :11-0104,SAMPLES (143160-143227)
Project No.	:	-
No. Of Samples	:	68
Date Submitted	:	Aug 24, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

SGS

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143160	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143161	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143162	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143163	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143164	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143165	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143166	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143167	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143168	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143169	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143170	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143171	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143172	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143173	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143174	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143175	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143176	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143177	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143178	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143179	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143180	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143181	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143182	1.44	30	60	<5	2.3	<10	2140	100	10	5.43
143183	1.56	60	270	<5	2.3	<10	2270	80	10	4.48
143184	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143185	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143186	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143187	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143188	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143189	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143190	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143191	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143192	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143193	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143194	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143195	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143196	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143197	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143198	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143199	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143201	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143202	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Final : VC110882R Order: QUOTE :11-0104,SAMPLES (143160-143227)

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143203	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143204	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143205	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143206	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143207	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143208	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143209	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143210	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143211	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143212	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143213	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143214	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143215	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143216	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143217	0.20	60	10	<5	2.0	<10	2690	110	30	4.66
143218	0.30	40	20	<5	0.8	<10	2330	110	20	4.37
143219	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143220	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143221	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143222	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143223	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143224	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143225	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143226	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143227	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143160	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143161	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143162	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143163	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143164	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143165	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143166	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143167	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143168	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143169	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143170	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143171	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143172	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143173	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143174	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143175	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143176	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143177	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143178	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143179	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143180	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143181	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143182	<0.1	10	<10	18.0	1680	<10	1670	0.03	<20	<50
143183	0.5	10	50	17.3	1020	<10	1390	0.05	<20	<50
143184	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143185	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143186	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143187	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143188	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143189	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143190	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143191	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143192	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143193	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143194	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143195	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143196	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143197	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143198	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143199	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143201	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143202	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Final : VC110882R Order: QUOTE :11-0104,SAMPLES (143160-143227)

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143203	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143204	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143205	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143206	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143207	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143208	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143209	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143210	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143211	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143212	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143213	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143214	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143215	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143216	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143217	<0.1	<10	<10	20.9	930	<10	2030	<0.01	<20	<50
143218	<0.1	<10	<10	22.0	790	<10	2150	<0.01	<20	<50
143219	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143220	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143221	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143222	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143223	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143224	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143225	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143226	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143227	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

SGS

Final : VC110882R Order: QUOTE :11-0104,SAMPLES (143160-143227)

Element	Sc	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	50	10	0.01	10	50	5	10
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143160	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143161	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143162	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143163	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143164	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143165	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143166	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143167	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143168	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143169	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143170	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143171	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143172	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143173	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143174	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143175	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143176	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143177	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143178	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143179	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143180	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143181	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143182	<5	<50	190	0.06	20	<50	<5	130
143183	<5	<50	230	0.09	10	<50	<5	50
143184	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143185	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143186	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143187	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143188	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143189	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143190	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143191	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143192	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143193	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143194	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143195	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143196	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143197	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143198	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143199	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143201	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143202	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Element	Sc	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	50	10	0.01	10	50	5	10
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143203	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143204	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143205	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143206	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143207	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143208	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143209	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143210	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143211	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143212	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143213	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143214	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143215	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143216	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143217	<5	<50	130	<0.01	<10	<50	<5	40
143218	<5	<50	30	0.02	<10	<50	<5	40
143219	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143220	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143221	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143222	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143223	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143224	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143225	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143226	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
143227	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Certificate of Analysis

Work Order: VC110972

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Aug 12, 2011

P.O. No.	:	SAMPLE ID: 143228-143319
Project No.	:	-
No. Of Samples	:	92
Date Submitted	:	Jul 22, 2011
Report Comprises	:	Pages 1 to 10 (Inclusive of Cover Sheet)

Certified By : ________________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

SGS Canada Inc. | Mineral Services 8282 Sherbrooke Street Vancouver BC t(604) 327-3436 f(604) 327-3423 www.ca.sgs.com

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143228	4.620	0.15	60	<10	<5	0.6	<10	2990	110	<10
143229	5.220	0.15	50	<10	<5	0.2	<10	3250	120	10
143230	4.985	0.16	30	<10	<5	<0.1	<10	4040	120	10
143231	5.120	0.13	50	<10	<5	<0.1	<10	3130	120	100
143232	5.030	0.27	30	<10	<5	<0.1	<10	3150	120	20
143233	5.540	0.19	40	<10	<5	<0.1	<10	2970	120	20
143234	4.985	0.15	<30	<10	<5	<0.1	<10	2650	110	10
143235	4.685	0.13	<30	<10	<5	<0.1	<10	2820	110	20
143236	5.645	0.17	40	<10	<5	<0.1	<10	3060	120	20
143237	5.510	0.19	<30	<10	<5	<0.1	<10	3360	140	20
143238	5.345	0.15	30	<10	<5	<0.1	<10	2900	120	20
143239	5.855	0.16	30	<10	<5	<0.1	<10	3240	120	10
143240	5.515	0.15	<30	<10	<5	<0.1	<10	4210	130	20
143241	0.785	0.50	<30	120	<5	<0.1	<10	210	<10	<10
143242	4.275	0.14	<30	<10	<5	0.2	<10	3570	130	10
143243	5.690	0.15	40	<10	<5	0.1	<10	3160	130	<10
143244	5.890	0.18	<30	<10	<5	0.2	<10	3890	120	10
143245	5.485	0.13	<30	<10	<5	0.2	<10	3360	130	<10
143246	5.445	0.19	<30	<10	<5	0.7	<10	3540	110	<10
143247	4.190	0.43	<30	<10	<5	1.6	<10	4920	110	20
143248	3.785	8.82	<30	810	<5	0.6	<10	110	20	<10
143249	3.625	8.52	<30	810	<5	0.7	<10	230	30	10
143250	4.820	0.19	<30	<10	<5	1.3	<10	2340	110	<10
143251	4.765	0.17	<30	<10	<5	0.6	<10	3840	120	<10
143252	4.370	0.14	<30	<10	<5	0.2	<10	3310	110	<10
143253	5.935	0.13	<30	<10	<5	0.1	<10	2840	110	<10
143254	5.155	0.15	<30	<10	<5	<0.1	<10	3610	120	<10
143255	4.615	0.12	<30	<10	<5	<0.1	<10	2870	120	<10
143256	5.160	0.16	<30	<10	<5	<0.1	<10	2500	120	10
143257	4.450	0.17	<30	<10	<5	<0.1	<10	2660	120	<10
143258	5.795	0.21	<30	<10	<5	<0.1	<10	6930	130	<10
143259	5.240	0.16	30	<10	<5	<0.1	<10	2510	110	<10
143260	4.530	0.16	30	<10	<5	0.2	<10	2570	110	<10
143261	1.445	0.38	<30	90	<5	<0.1	<10	180	<10	<10
143262	4.640	0.17	30	<10	<5	0.3	<10	3230	110	<10
143263	5.245	0.12	30	<10	<5	0.2	<10	3420	120	<10
143264	4.810	0.14	<30	<10	<5	<0.1	<10	3790	120	<10
143265	5.260	0.15	40	<10	<5	0.2	<10	2500	120	<10
143266	4.505	0.13	40	<10	<5	0.2	<10	3500	130	<10
143267	4.440	0.14	30	<10	<5	<0.1	<10	4280	120	<10
143268	4.670	0.19	<30	<10	<5	0.7	<10	5870	120	10
143269	4.280	0.15	<30	<10	<5	0.2	<10	4310	120	<10
143270	5.045	0.13	<30	<10	<5	0.2	<10	3670	110	<10

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143271	5.270	0.12	<30	<10	<5	0.2	<10	3040	110	<10
143272	5.170	0.11	30	<10	<5	0.3	<10	2790	120	<10
143273	5.410	0.14	<30	<10	<5	0.1	<10	3220	110	<10
143274	4.380	0.14	<30	<10	<5	0.2	<10	2710	110	<10
143275	5.220	0.10	40	<10	<5	0.2	<10	2920	120	<10
143276	5.190	0.13	40	<10	<5	0.2	<10	2830	110	<10
143277	5.895	0.14	30	<10	<5	0.2	<10	3040	110	10
143278	5.170	0.11	<30	<10	<5	0.2	<10	2760	120	<10
143279	4.600	0.13	<30	10	<5	<0.1	<10	3700	120	<10
143280	5.120	0.13	<30	<10	<5	<0.1	<10	3390	120	10
143281	1.020	0.40	<30	90	<5	<0.1	<10	160	<10	10
143282	4.985	0.10	<30	<10	<5	0.2	<10	2660	110	<10
143283	4.690	0.18	<30	<10	<5	0.1	<10	3420	120	10
143284	5.605	3.98	<30	<10	<5	0.4	<10	1790	90	10
143285	4.780	0.15	<30	<10	<5	0.3	<10	3320	110	<10
143286	4.925	0.14	<30	<10	<5	0.1	<10	5010	120	<10
143287	5.110	0.14	<30	<10	<5	0.2	<10	2680	110	<10
143288	4.905	0.15	<30	<10	<5	0.4	<10	3500	120	10
143289	5.530	0.20	<30	<10	<5	0.2	<10	5850	120	<10
143290	4.720	0.51	<30	30	<5	0.2	<10	2980	110	<10
143291	4.710	0.29	<30	<10	<5	0.3	<10	3510	110	<10
143292	5.030	1.85	<30	80	<5	0.6	<10	2820	90	10
143293	5.215	1.41	<30	10	<5	0.7	<10	2270	100	10
143294	4.510	1.66	<30	30	<5	0.3	<10	3510	90	<10
143295	4.995	0.16	<30	<10	<5	0.4	<10	2760	100	20
143296	5.620	0.16	<30	<10	<5	0.1	<10	2410	100	20
143297	5.155	0.18	<30	<10	<5	0.5	<10	2540	110	30
143298	4.735	0.17	<30	<10	<5	0.4	<10	2580	100	10
143299	6.670	0.15	<30	<10	<5	0.8	<10	2630	100	20
143300	4.530	0.93	<30	<10	<5	2.0	<10	2620	90	10
143301	1.145	0.39	<30	130	<5	<0.1	<10	170	<10	<10
143302	4.945	2.64	<30	30	<5	2.1	<10	2410	90	20
143303	4.920	4.12	<30	30	<5	1.6	<10	1450	90	30
143304	5.235	1.02	<30	10	<5	1.5	<10	3190	100	20
143305	4.845	0.17	<30	<10	<5	0.7	<10	2560	100	50
143306	5.900	0.17	<30	<10	<5	1.2	<10	2600	100	10
143307	4.410	0.69	<30	20	<5	4.2	<10	2870	80	20
143308	5.565	8.58	<30	770	<5	1.2	<10	220	20	10
143309	4.755	8.62	<30	940	<5	1.3	<10	100	10	<10
143310	4.625	8.59	<30	590	<5	0.4	<10	90	10	10
143311	4.055	4.90	<30	370	<5	5.1	<10	1750	70	40
143312	4.625	7.78	<30	1930	6	2.9	<10	150	20	20
143313	5.350	7.72	<30	1980	6	3.2	<10	150	20	20

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143314	5.590	7.72	<30	1800	6	3.2	<10	160	20	20
143315	5.265	7.68	<30	1940	6	3.1	<10	160	20	30
143316	4.755	8.43	<30	1390	5	2.2	<10	110	20	20
143317	1.615	7.91	<30	1820	6	2.5	<10	130	20	30
143318	5.230	8.39	<30	100	<5	1.0	<10	680	80	30
143319	5.935	6.65	<30	180	<5	1.0	<10	1080	60	30

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143228	5.00	<0.1	<10	<10	20.8	1100	<10	2170	<0.01	<20
143229	5.26	<0.1	<10	<10	21.7	880	<10	2280	<0.01	<20
143230	5.42	<0.1	<10	<10	22.6	890	<10	2280	<0.01	<20
143231	5.02	<0.1	<10	<10	22.5	890	<10	2330	<0.01	<20
143232	4.55	<0.1	<10	<10	22.2	590	<10	2230	<0.01	<20
143233	5.27	<0.1	<10	<10	23.1	840	<10	2410	<0.01	<20
143234	5.39	<0.1	<10	<10	22.3	740	<10	2230	<0.01	<20
143235	4.79	<0.1	<10	<10	21.9	730	<10	2190	<0.01	<20
143236	4.73	<0.1	<10	<10	22.7	610	<10	2240	<0.01	<20
143237	5.96	<0.1	<10	<10	21.8	510	<10	2420	<0.01	<20
143238	5.49	<0.1	<10	<10	23.4	920	<10	2250	<0.01	<20
143239	5.65	<0.1	<10	<10	23.5	1010	<10	2460	<0.01	<20
143240	5.64	<0.1	<10	<10	23.0	1130	<10	2490	<0.01	<20
143241	0.23	0.3	<10	<10	0.14	20	<10	20	<0.01	<20
143242	5.94	<0.1	<10	<10	23.5	1030	<10	2600	<0.01	<20
143243	5.37	<0.1	<10	<10	23.7	1020	<10	2510	<0.01	<20
143244	5.66	<0.1	<10	<10	23.0	970	<10	2330	<0.01	<20
143245	6.46	<0.1	<10	<10	23.0	1030	<10	2440	<0.01	<20
143246	5.03	<0.1	<10	<10	22.7	1010	<10	2010	<0.01	<20
143247	4.93	<0.1	<10	<10	20.8	1100	<10	2240	<0.01	<20
143248	3.98	2.3	10	40	5.19	660	20	70	0.09	<20
143249	4.59	2.6	<10	50	5.62	900	<10	160	0.08	<20
143250	5.04	<0.1	<10	<10	20.5	1140	<10	2260	<0.01	<20
143251	5.15	<0.1	<10	<10	21.4	950	<10	2290	<0.01	<20
143252	4.96	<0.1	<10	<10	22.1	910	<10	2150	<0.01	<20
143253	4.99	<0.1	<10	<10	22.4	830	<10	2180	<0.01	<20
143254	5.09	<0.1	<10	<10	22.5	880	<10	2240	<0.01	<20
143255	4.89	<0.1	<10	<10	22.0	980	<10	2240	<0.01	<20
143256	4.99	<0.1	<10	<10	21.8	810	<10	2330	<0.01	<20
143257	5.01	<0.1	<10	<10	22.2	770	<10	2200	<0.01	<20
143258	5.36	<0.1	<10	<10	21.9	900	<10	2260	<0.01	<20
143259	4.91	<0.1	<10	<10	22.0	780	<10	2170	<0.01	<20
143260	4.99	<0.1	<10	<10	21.7	840	<10	2030	<0.01	<20
143261	0.22	0.2	<10	<10	0.16	20	<10	20	<0.01	<20
143262	5.01	<0.1	<10	<10	21.8	810	<10	2260	<0.01	<20
143263	5.26	<0.1	<10	<10	22.4	850	<10	2310	<0.01	<20
143264	5.24	<0.1	<10	<10	21.9	810	<10	2270	<0.01	<20
143265	5.17	<0.1	<10	<10	22.2	930	<10	2120	<0.01	<20
143266	5.18	<0.1	<10	<10	22.5	960	<10	2280	<0.01	<20
143267	5.12	<0.1	<10	<10	22.5	920	<10	2250	<0.01	<20
143268	5.36	<0.1	<10	<10	21.1	1250	<10	2060	<0.01	<20
143269	5.18	<0.1	<10	<10	22.1	970	<10	2190	<0.01	<20
143270	5.26	<0.1	<10	30	22.5	850	<10	2120	<0.01	<20

Element Method Det.Lim. Units	Fe @ICP90A 0.01 %	K @ICP90A 0.1 %	La @ICP90A 10 ppm	Li @ICP90A 10 ppm	Mg @ICP90A 0.01 %	Mn @ICP90A 10 ppm	Mo @ICP90A 10 ppm	Ni @ICP90A 10 ppm	P @ICP90A 0.01 %	Pb @ICP90A 20 ppm
143271	5.16	<0.1	<10	<10	22.7	920	<10	2240	<0.01	<20
143272	5.29	<0.1	<10	<10	23.2	920	<10	2160	<0.01	<20
143273	4.81	<0.1	<10	<10	22.8	880	<10	2150	<0.01	<20
143274	5.00	<0.1	<10	<10	21.9	840	<10	2110	<0.01	<20
143275	5.46	<0.1	<10	<10	23.3	870	<10	2320	<0.01	<20
143276	4.86	<0.1	<10	<10	23.0	980	<10	2110	<0.01	<20
143277	4.91	<0.1	<10	<10	21.5	910	<10	2170	<0.01	<20
143278	5.77	<0.1	<10	<10	22.2	1000	<10	2200	<0.01	<20
143279	5.42	<0.1	<10	<10	21.6	890	<10	2160	<0.01	<20
143280	5.46	<0.1	<10	<10	21.8	800	<10	2190	<0.01	<20
143281	0.22	0.2	<10	<10	0.08	20	<10	10	<0.01	<20
143282	5.12	<0.1	<10	<10	22.6	930	<10	2100	<0.01	<20
143283	5.74	<0.1	<10	<10	21.9	970	<10	2270	<0.01	<20
143284	5.96	<0.1	<10	20	18.5	1300	<10	1340	0.04	<20
143285	5.23	<0.1	<10	<10	22.5	970	<10	2090	<0.01	<20
143286	5.43	<0.1	<10	<10	22.7	940	<10	2140	<0.01	<20
143287	5.19	<0.1	<10	<10	22.5	900	<10	2120	<0.01	<20
143288	5.36	<0.1	<10	<10	22.5	940	<10	2130	<0.01	<20
143289	5.42	<0.1	<10	<10	22.8	1000	<10	2120	<0.01	<20
143290	5.15	0.2	<10	10	21.9	1030	<10	2070	<0.01	<20
143291	5.33	<0.1	<10	20	21.9	1090	<10	2160	<0.01	<20
143292	4.52	0.9	10	30	18.2	1310	<10	1740	<0.01	<20
143293	5.56	0.2	10	30	18.9	1630	<10	1880	<0.01	<20
143294	5.33	0.4	20	40	18.0	1540	<10	1620	<0.01	<20
143295	4.68	<0.1	<10	<10	20.8	970	<10	1950	<0.01	<20
143296	4.84	<0.1	<10	<10	21.6	920	<10	1990	<0.01	<20
143297	5.43	<0.1	<10	<10	22.0	1060	<10	2050	<0.01	<20
143298	5.06	<0.1	<10	<10	21.1	980	<10	2000	<0.01	<20
143299	4.63	<0.1	<10	<10	20.2	850	<10	1980	<0.01	<20
143300	4.87	<0.1	<10	<10	18.0	1060	<10	1800	<0.01	60
143301	0.23	0.2	<10	<10	0.07	20	<10	10	0.01	<20
143302	4.80	0.3	<10	10	17.0	1040	<10	1590	0.03	<20
143303	5.38	0.3	<10	20	15.8	1510	10	1320	0.04	100
143304	4.84	<0.1	<10	<10	19.2	1200	<10	1800	0.01	80
143305	5.09	<0.1	<10	<10	20.8	1080	<10	2020	<0.01	200
143306	4.94	<0.1	<10	<10	20.8	1100	<10	1930	<0.01	40
143307	4.58	<0.1	<10	<10	15.1	1320	<10	1630	0.01	360
143308	3.37	1.8	<10	40	3.57	1390	<10	120	0.07	40
143309	3.14	2.3	<10	50	2.79	1220	<10	20	0.06	<20
143310	3.11	1.8	<10	50	3.25	790	<10	20	0.06	<20
143311	4.98	1.3	10	40	9.76	1760	<10	1050	0.07	<20
143312	3.94	4.0	90	30	1.83	1220	<10	30	0.23	<20
143313	3.97	3.7	90	20	1.77	1070	<10	30	0.24	<20

SGS

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143314	4.04	3.6	90	20	1.83	900	<10	30	0.24	<20
143315	3.95	3.7	90	20	1.82	1020	<10	30	0.24	<20
143316	4.20	3.4	70	40	2.85	1240	<10	30	0.20	<20
143317	3.90	3.8	90	20	2.62	980	<10	40	0.24	<20
143318	12.0	0.4	<10	110	11.5	4620	30	660	0.10	<20
143319	7.68	0.6	<10	70	12.7	3240	10	770	0.08	<20

Element	Sb	Sc	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143228	<50	<5	38.8	<50	40	<0.01	<10	<50	<5	40
143229	<50	<5	38.1	<50	40	<0.01	<10	<50	<5	40
143230	<50	<5	35.6	<50	40	<0.01	<10	<50	<5	30
143231	<50	<5	35.7	<50	20	<0.01	<10	<50	<5	30
143232	<50	<5	38.5	<50	10	<0.01	10	<50	<5	30
143233	<50	<5	38.4	<50	<10	<0.01	<10	<50	<5	30
143234	<50	<5	37.7	<50	<10	<0.01	<10	<50	<5	30
143235	<50	<5	34.7	<50	<10	<0.01	<10	<50	<5	30
143236	<50	<5	39.4	<50	<10	<0.01	<10	<50	<5	20
143237	<50	<5	39.7	<50	<10	<0.01	<10	<50	<5	40
143238	<50	<5	37.3	<50	<10	<0.01	<10	<50	<5	30
143239	<50	<5	36.6	<50	<10	<0.01	<10	<50	<5	30
143240	<50	<5	36.3	<50	<10	<0.01	<10	<50	<5	50
143241	<50	<5	96.1	<50	<10	0.04	<10	<50	9	<10
143242	<50	<5	36.1	<50	30	<0.01	<10	<50	<5	40
143243	<50	<5	37.5	<50	20	<0.01	<10	<50	<5	40
143244	<50	<5	37.5	<50	20	<0.01	<10	<50	<5	40
143245	<50	<5	37.0	<50	20	<0.01	<10	<50	<5	40
143246	<50	<5	38.6	<50	30	<0.01	<10	<50	<5	60
143247	<50	<5	36.9	<50	30	0.01	10	<50	<5	70
143248	<50	8	54.3	<50	250	0.24	90	<50	15	30
143249	<50	13	52.0	<50	240	0.30	130	<50	15	40
143250	<50	<5	33.9	<50	60	<0.01	<10	<50	<5	40
143251	<50	<5	35.5	<50	100	<0.01	<10	<50	<5	50
143252	<50	<5	35.4	<50	10	<0.01	<10	<50	<5	40
143253	<50	<5	36.8	<50	<10	<0.01	<10	<50	<5	30
143254	<50	<5	37.1	<50	<10	<0.01	<10	<50	<5	40
143255	<50	<5	35.3	<50	<10	<0.01	<10	<50	<5	30
143256	<50	<5	36.4	<50	<10	<0.01	<10	<50	<5	30
143257	<50	<5	37.0	<50	<10	<0.01	<10	<50	<5	30
143258	<50	<5	34.6	<50	<10	<0.01	10	<50	<5	60
143259	<50	<5	36.7	<50	<10	<0.01	<10	<50	<5	20
143260	<50	<5	36.0	<50	10	<0.01	<10	<50	<5	30
143261	<50	<5	95.5	<50	<10	0.03	<10	<50	7	<10
143262	<50	<5	35.4	<50	20	<0.01	<10	<50	<5	30
143263	<50	<5	35.2	<50	20	<0.01	<10	<50	<5	30
143264	<50	<5	34.8	<50	<10	<0.01	<10	<50	<5	30
143265	<50	<5	34.7	<50	<10	<0.01	<10	<50	<5	30
143266	<50	<5	34.5	<50	10	<0.01	<10	<50	<5	40
143267	<50	<5	34.6	<50	<10	<0.01	<10	<50	<5	50
143268	<50	<5	33.7	<50	40	<0.01	10	<50	<5	150
143269	<50	<5	34.8	<50	10	<0.01	<10	<50	<5	50
143270	<50	<5	34.3	<50	10	<0.01	<10	<50	<5	40

Element	Sb	Sc	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143271	<50	<5	34.3	<50	10	<0.01	<10	<50	<5	40
143272	<50	<5	34.6	<50	20	<0.01	<10	<50	<5	30
143273	<50	<5	34.6	<50	10	<0.01	<10	<50	<5	40
143274	<50	<5	38.1	<50	20	<0.01	<10	<50	<5	40
143275	<50	<5	35.2	<50	10	<0.01	<10	<50	<5	40
143276	<50	<5	35.5	<50	20	<0.01	<10	<50	<5	40
143277	<50	<5	36.7	<50	20	<0.01	<10	<50	<5	40
143278	<50	<5	33.9	<50	10	<0.01	<10	<50	<5	40
143279	<50	<5	34.4	<50	<10	<0.01	<10	<50	<5	50
143280	<50	<5	36.1	<50	<10	<0.01	<10	<50	<5	50
143281	<50	<5	91.5	<50	<10	0.03	<10	<50	7	<10
143282	<50	<5	35.3	<50	<10	<0.01	<10	<50	<5	40
143283	<50	<5	36.8	<50	<10	<0.01	<10	<50	<5	50
143284	<50	10	34.2	<50	30	0.18	100	<50	7	80
143285	<50	<5	35.1	<50	<10	<0.01	<10	<50	<5	50
143286	<50	<5	33.3	<50	<10	<0.01	<10	<50	<5	60
143287	<50	<5	33.4	<50	20	<0.01	<10	<50	<5	50
143288	<50	<5	33.9	<50	20	<0.01	<10	<50	<5	50
143289	<50	<5	34.3	<50	20	<0.01	<10	<50	<5	90
143290	<50	<5	35.2	<50	50	<0.01	<10	<50	<5	60
143291	<50	<5	36.2	<50	30	<0.01	<10	<50	<5	70
143292	<50	<5	41.3	<50	100	0.02	<10	<50	8	80
143293	<50	<5	38.4	<50	50	0.01	<10	<50	9	80
143294	<50	<5	40.3	<50	30	0.01	<10	<50	11	100
143295	<50	<5	38.8	<50	10	<0.01	<10	<50	<5	60
143296	<50	<5	37.3	<50	<10	<0.01	<10	<50	<5	50
143297	<50	<5	34.8	<50	10	<0.01	<10	<50	<5	70
143298	<50	<5	39.6	<50	10	<0.01	<10	<50	<5	60
143299	<50	<5	41.0	<50	20	<0.01	<10	<50	<5	50
143300	<50	<5	40.4	<50	30	0.04	20	<50	<5	150
143301	<50	<5	92.0	<50	<10	0.03	<10	<50	9	<10
143302	<50	<5	42.7	<50	40	0.10	40	<50	<5	280
143303	<50	11	38.6	<50	30	0.19	90	<50	9	410
143304	<50	<5	38.3	<50	90	0.03	10	<50	<5	320
143305	<50	<5	38.0	<50	60	<0.01	<10	<50	<5	450
143306	<50	<5	39.3	<50	50	<0.01	<10	<50	<5	100
143307	<50	<5	43.9	<50	130	0.02	20	<50	<5	340
143308	<50	9	56.3	<50	440	0.24	90	<50	10	160
143309	<50	8	58.8	<50	340	0.23	80	<50	8	100
143310	<50	8	60.5	<50	320	0.23	80	<50	8	60
143311	<50	8	45.1	<50	480	0.20	90	<50	9	310
143312	<50	8	54.4	<50	1080	0.42	90	<50	19	80
143313	<50	8	54.0	<50	1200	0.43	100	<50	20	80

Element	Sb	Sc	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143314	<50	8	54.4	<50	1200	0.43	110	<50	19	60
143315	<50	8	54.4	<50	1220	0.41	100	<50	20	80
143316	<50	11	54.0	<50	990	0.43	130	<50	21	100
143317	<50	8	53.0	<50	1120	0.43	100	<50	20	80
143318	<50	7	33.0	<50	70	0.24	90	<50	15	260
143319	<50	7	39.8	<50	130	0.19	70	<50	10	200

Certificate of Analysis

Work Order: VC110972R

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 14, 2011

P.O. No.	:	SAMPLE ID: 143228-143319
Project No.	:	-
No. Of Samples	:	92
Date Submitted	:	Aug 24, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ______________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Final : VC110972R Order: SAMPLE ID: 143228-143319

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143228	0.16	40	<10	<5	0.7	<10	2960	110	<10	4.99
143229	0.15	40	<10	<5	0.2	<10	3100	120	20	4.96
143230	0.18	<30	<10	<5	0.1	<10	4240	120	20	5.48
143231	0.16	40	<10	<5	<0.1	<10	3380	120	110	5.06
143232	0.31	<30	<10	<5	<0.1	<10	2900	110	<10	4.46
143233	0.22	<30	<10	<5	<0.1	<10	2640	120	20	5.16
143234	0.15	<30	<10	<5	<0.1	<10	2320	110	20	4.98
143235	0.16	<30	<10	<5	<0.1	<10	2540	110	20	4.91
143236	0.20	<30	<10	<5	<0.1	<10	2690	110	40	4.65
143237	0.21	<30	<10	<5	<0.1	<10	3170	140	30	5.88
143238	0.18	<30	<10	<5	<0.1	<10	2690	120	40	5.42
143239	0.19	<30	<10	<5	<0.1	<10	2910	120	<10	5.58
143240	0.19	<30	<10	<5	0.1	<10	3790	120	10	5.78
143241	0.53	<30	110	<5	<0.1	<10	200	<10	<10	0.24
143242	0.16	<30	<10	<5	0.2	<10	3290	130	<10	5.87
143243	0.17	<30	<10	<5	0.1	<10	2880	120	<10	5.28
143244	0.19	<30	<10	<5	0.2	<10	3190	120	10	5.51
143245	0.15	<30	<10	<5	0.2	<10	2950	120	20	6.03
143246	0.19	<30	<10	<5	0.7	<10	2930	110	<10	4.64
143247	0.43	<30	<10	<5	1.7	<10	4710	110	20	4.63
143248	9.53	<30	750	<5	0.6	<10	110	20	10	3.97
143249	9.45	<30	760	<5	0.8	<10	270	30	<10	4.65
143250	0.21	<30	<10	<5	1.3	<10	2340	110	<10	4.83
143251	0.18	<30	<10	<5	0.6	<10	3450	110	<10	4.75
143252	0.16	<30	<10	<5	0.2	<10	2880	110	10	4.67
143253	0.15	<30	<10	<5	0.1	<10	2620	110	<10	4.62
143254	0.16	<30	<10	<5	<0.1	<10	3600	110	10	4.72
143255	0.14	<30	<10	<5	<0.1	<10	2430	110	<10	4.45
143256	0.19	<30	<10	<5	<0.1	<10	2710	110	<10	4.74
143257	0.19	<30	<10	<5	<0.1	<10	2400	110	10	4.67
143258	0.24	<30	<10	<5	<0.1	<10	6180	120	20	5.09
143259	0.18	<30	<10	<5	<0.1	<10	2260	110	10	4.77
143260	0.18	<30	<10	<5	0.2	<10	2330	110	<10	4.85
143261	0.41	<30	80	<5	<0.1	<10	180	<10	<10	0.21
143262	0.17	<30	<10	<5	0.3	<10	2740	110	<10	4.71
143263	0.13	<30	<10	<5	0.2	<10	3180	120	<10	5.05
143264	0.16	<30	<10	<5	<0.1	<10	3510	120	<10	4.87
143265	0.17	<30	<10	<5	0.2	<10	2510	110	<10	5.06
143266	0.14	<30	<10	<5	0.2	<10	3340	110	<10	4.81
143267	0.17	<30	<10	<5	<0.1	<10	4370	120	<10	4.87
143268	0.20	<30	<10	<5	0.7	<10	5220	120	20	5.16
143269	0.16	<30	<10	<5	0.2	<10	4050	120	<10	4.97
143270	0.14	<30	<10	<5	0.1	<10	3380	110	<10	5.19

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143271	0.15	<30	<10	<5	0.2	<10	3200	120	<10	5.08
143272	0.12	<30	<10	<5	0.2	<10	2630	120	<10	5.20
143273	0.14	<30	<10	<5	0.1	<10	3090	120	<10	4.77
143274	0.15	<30	<10	<5	0.2	<10	2570	110	<10	4.98
143275	0.11	40	<10	<5	0.2	<10	2640	120	<10	5.31
143276	0.14	50	<10	<5	0.2	<10	2850	120	<10	4.78
143277	0.15	<30	<10	<5	0.2	<10	2700	110	<10	4.82
143278	0.12	<30	<10	<5	0.2	<10	2560	120	<10	5.60
143279	0.15	<30	<10	<5	<0.1	<10	3410	110	<10	5.31
143280	0.15	<30	<10	<5	<0.1	<10	3100	120	10	5.23
143281	0.43	<30	90	<5	<0.1	<10	180	<10	<10	0.24
143282	0.12	<30	<10	<5	0.2	<10	2320	120	<10	5.12
143283	0.19	<30	<10	<5	0.1	<10	3120	120	30	5.54
143284	3.96	<30	<10	<5	0.4	<10	1830	90	20	5.67
143285	0.15	<30	<10	<5	0.3	<10	3090	110	<10	4.87
143286	0.15	<30	<10	<5	<0.1	<10	4390	120	<10	5.25
143287	0.15	<30	<10	<5	0.2	<10	2800	120	10	4.93
143288	0.16	<30	<10	<5	0.4	<10	3760	120	<10	5.32
143289	0.19	<30	<10	<5	0.2	<10	5440	120	<10	5.33
143290	0.49	<30	20	<5	0.2	<10	2900	110	10	4.89
143291	0.29	<30	<10	<5	0.3	<10	2940	110	<10	5.06
143292	1.74	<30	80	<5	0.6	<10	2650	90	<10	4.17
143293	1.41	<30	20	<5	0.7	<10	1980	100	10	5.37
143294	1.64	<30	30	7	0.3	<10	3240	90	<10	5.14
143295	0.17	<30	<10	<5	0.4	<10	2690	110	20	4.55
143296	0.17	<30	<10	<5	0.1	<10	2360	100	20	4.71
143297	0.17	<30	<10	<5	0.5	<10	2590	120	30	5.29
143298	0.17	<30	<10	<5	0.4	<10	2440	110	<10	4.84
143299	0.14	<30	<10	<5	0.9	<10	2370	110	20	4.48
143300	0.86	<30	<10	<5	2.0	<10	2440	100	20	4.74
143301	0.39	<30	100	<5	<0.1	<10	160	<10	<10	0.23
143302	2.55	<30	30	<5	2.0	<10	2400	90	30	4.77
143303	3.90	<30	30	<5	1.6	<10	1590	90	30	5.18
143304	0.96	<30	10	<5	1.5	<10	2950	100	10	4.72
143305	0.16	<30	<10	<5	0.7	<10	2380	110	50	4.81
143306	0.16	<30	<10	<5	1.1	<10	2450	100	10	4.71
143307	0.66	<30	20	<5	4.0	<10	2640	80	20	4.42

Final : VC110972R Order: SAMPLE ID: 143228-143319

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143228	0.3	<10	<10	22.7	1040	<10	2170	<0.01	<20	<50
143229	0.2	<10	<10	22.4	830	<10	2280	<0.01	<20	<50
143230	0.4	<10	10	24.7	870	<10	2230	<0.01	<20	<50
143231	0.4	<10	<10	24.9	830	<10	2170	<0.01	<20	<50
143232	0.6	<10	<10	24.5	540	<10	2090	<0.01	<20	<50
143233	0.5	<10	<10	25.7	760	<10	2180	<0.01	<20	<50
143234	0.4	<10	<10	22.8	670	<10	2120	<0.01	<20	<50
143235	0.5	<10	<10	24.9	700	<10	2040	<0.01	<20	<50
143236	0.5	<10	<10	24.9	550	<10	2130	<0.01	<20	<50
143237	0.5	<10	<10	24.1	470	<10	2280	<0.01	<20	<50
143238	0.6	<10	<10	25.8	900	<10	2300	<0.01	<20	<50
143239	0.7	<10	<10	26.1	940	<10	2380	<0.01	<20	<50
143240	0.6	<10	<10	26.0	1050	<10	2360	<0.01	<20	<50
143241	1.0	10	<10	0.18	20	<10	20	<0.01	<20	<50
143242	0.6	<10	<10	25.7	950	<10	2490	<0.01	<20	<50
143243	0.6	<10	<10	26.3	930	<10	2360	<0.01	<20	<50
143244	0.6	<10	<10	25.3	890	<10	2220	<0.01	<20	<50
143245	0.6	<10	<10	23.9	940	<10	2200	<0.01	<20	<50
143246	0.6	<10	<10	23.5	910	<10	1920	<0.01	<20	<50
143247	0.5	<10	10	21.7	1000	<10	2060	0.01	<20	<50
143248	3.3	10	50	5.43	600	<10	70	0.09	<20	<50
143249	3.6	<10	60	6.23	840	<10	160	0.09	<20	<50
143250	0.8	<10	<10	20.8	1060	<10	2100	<0.01	<20	<50
143251	0.7	<10	<10	21.5	870	<10	2170	<0.01	<20	<50
143252	0.7	<10	<10	22.6	830	<10	2040	<0.01	<20	<50
143253	0.8	<10	<10	22.7	750	<10	2070	<0.01	<20	<50
143254	0.8	<10	<10	22.7	820	<10	2200	<0.01	<20	<50
143255	0.7	<10	<10	22.2	900	<10	2090	<0.01	<20	<50
143256	0.7	<10	<10	22.5	720	<10	2100	<0.01	<20	<50
143257	0.7	<10	<10	22.9	700	<10	2010	<0.01	<20	<50
143258	0.6	<10	<10	22.9	820	<10	2110	<0.01	<20	<50
143259	0.6	<10	<10	22.7	720	<10	2050	<0.01	<20	<50
143260	0.7	<10	<10	21.8	780	<10	1960	<0.01	<20	<50
143261	0.9	<10	<10	0.19	20	<10	20	<0.01	<20	<50
143262	0.7	<10	<10	21.6	750	<10	2100	<0.01	<20	<50
143263	0.5	<10	<10	22.9	770	<10	2180	<0.01	<20	<50
143264	0.7	<10	<10	22.3	750	<10	2090	<0.01	<20	<50
143265	0.7	<10	<10	23.1	860	<10	2080	<0.01	<20	<50
143266	0.5	<10	<10	22.2	880	<10	2110	<0.01	<20	<50
143267	0.6	<10	<10	22.2	870	<10	2160	<0.01	<20	<50
143268	0.6	<10	<10	20.8	1270	<10	2040	<0.01	<20	<50
143269	0.6	<10	<10	21.8	910	<10	2180	<0.01	<20	<50
143270	0.7	<10	<10	23.0	810	<10	2040	<0.01	<20	<50

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143271	0.5	<10	<10	22.9	900	<10	2250	<0.01	<20	<50
143272	0.5	<10	<10	23.3	860	<10	2110	<0.01	<20	<50
143273	0.6	<10	<10	22.6	850	<10	2140	<0.01	<20	<50
143274	0.6	<10	<10	21.8	800	<10	2030	<0.01	<20	<50
143275	0.6	<10	<10	22.9	830	<10	2270	<0.01	<20	<50
143276	0.6	<10	<10	22.6	940	<10	2060	<0.01	<20	<50
143277	0.6	<10	<10	21.1	850	<10	2100	<0.01	<20	<50
143278	0.5	<10	<10	21.7	970	<10	2230	<0.01	<20	<50
143279	0.5	<10	<10	21.5	860	<10	2180	<0.01	<20	<50
143280	0.5	<10	<10	21.0	760	<10	2160	<0.01	<20	<50
143281	0.7	<10	<10	0.16	20	<10	20	0.01	<20	<50
143282	0.7	<10	<10	22.9	880	<10	2070	<0.01	<20	<50
143283	<0.1	<10	<10	23.4	930	<10	2170	<0.01	<20	<50
143284	0.1	<10	20	20.1	1420	<10	1330	0.05	<20	<50
143285	0.2	<10	<10	23.7	950	<10	2060	<0.01	<20	<50
143286	<0.1	<10	<10	24.8	910	<10	2060	<0.01	<20	<50
143287	0.2	<10	<10	23.0	900	<10	2160	<0.01	<20	<50
143288	0.1	<10	<10	23.3	950	<10	2140	<0.01	<20	<50
143289	0.1	<10	<10	24.3	1000	<10	2150	<0.01	<20	<50
143290	0.3	<10	<10	22.5	1020	<10	2060	<0.01	<20	<50
143291	0.2	<10	<10	23.0	1070	<10	2110	<0.01	<20	<50
143292	1.0	10	20	18.8	1290	<10	1700	<0.01	<20	<50
143293	0.3	20	<10	20.9	1700	<10	1800	<0.01	<20	<50
143294	0.4	20	30	19.6	1630	<10	1570	<0.01	<20	<50
143295	0.2	<10	<10	22.0	970	<10	1940	<0.01	<20	<50
143296	0.1	<10	<10	22.4	910	<10	2000	<0.01	<20	<50
143297	0.1	<10	<10	22.6	1090	<10	2110	<0.01	<20	<50
143298	0.2	<10	<10	21.9	990	<10	2030	<0.01	<20	<50
143299	<0.1	<10	<10	21.1	830	<10	1980	<0.01	<20	<50
143300	0.1	<10	<10	19.0	1050	<10	1820	0.01	80	<50
143301	0.1	<10	<10	0.10	10	<10	10	<0.01	<20	<50
143302	0.5	<10	20	18.1	1080	<10	1570	0.03	<20	<50
143303	0.2	<10	<10	17.2	1580	<10	1360	0.04	110	<50
143304	0.2	<10	<10	19.6	1200	<10	1820	<0.01	90	<50
143305	<0.1	<10	<10	21.0	1100	<10	2130	<0.01	200	<50
143306	0.1	<10	<10	21.4	1110	<10	1940	<0.01	60	<50
143307	0.1	<10	<10	15.7	1370	<10	1610	<0.01	360	<50

SGS

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143228	<5	19.1	40.8	<50	30	<0.01	<10	<50	<5	30
143229	<5	18.5	39.5	<50	30	<0.01	<10	<50	<5	40
143230	<5	17.5	37.4	<50	40	<0.01	<10	<50	<5	30
143231	<5	17.4	37.3	<50	20	<0.01	<10	<50	<5	30
143232	<5	18.6	39.8	<50	20	<0.01	<10	<50	<5	30
143233	<5	18.3	39.2	<50	<10	<0.01	<10	<50	<5	30
143234	<5	18.0	38.5	<50	<10	<0.01	<10	<50	<5	20
143235	<5	17.3	36.9	<50	<10	<0.01	<10	<50	<5	20
143236	<5	18.9	40.4	<50	<10	<0.01	<10	<50	<5	20
143237	<5	19.0	40.7	<50	<10	<0.01	<10	<50	<5	30
143238	<5	18.3	39.1	<50	<10	<0.01	<10	<50	<5	30
143239	<5	17.9	38.4	<50	<10	<0.01	<10	<50	<5	20
143240	<5	18.1	38.8	<50	10	<0.01	<10	<50	<5	50
143241	<5	>25	96.2	<50	<10	0.04	<10	<50	7	<10
143242	<5	17.7	37.9	<50	40	<0.01	<10	<50	<5	40
143243	<5	18.1	38.7	<50	20	<0.01	<10	<50	<5	30
143244	<5	18.0	38.6	<50	20	<0.01	<10	<50	<5	30
143245	<5	17.6	37.7	<50	20	<0.01	<10	<50	<5	40
143246	<5	18.3	39.2	<50	20	<0.01	<10	<50	<5	50
143247	<5	17.7	37.8	<50	30	0.01	<10	<50	<5	70
143248	6	>25	56.5	<50	280	0.25	80	<50	13	20
143249	12	>25	55.1	<50	260	0.32	120	<50	13	40
143250	<5	17.6	37.6	<50	60	<0.01	<10	<50	<5	30
143251	<5	17.3	37.0	<50	100	<0.01	<10	<50	<5	40
143252	<5	17.2	36.9	<50	10	<0.01	<10	<50	<5	40
143253	<5	17.7	37.9	<50	<10	<0.01	<10	<50	<5	30
143254	<5	17.9	38.2	<50	<10	<0.01	<10	<50	<5	40
143255	<5	17.4	37.2	<50	<10	<0.01	<10	<50	<5	40
143256	<5	17.3	37.0	<50	<10	<0.01	<10	<50	<5	30
143257	<5	17.5	37.4	<50	<10	<0.01	<10	<50	<5	30
143258	<5	16.3	34.8	<50	<10	<0.01	<10	<50	<5	60
143259	<5	17.8	38.0	<50	<10	<0.01	<10	<50	<5	20
143260	<5	17.9	38.3	<50	10	<0.01	<10	<50	<5	20
143261	<5	>25	83.2	<50	<10	0.03	<10	<50	6	<10
143262	<5	17.4	37.2	<50	20	<0.01	<10	<50	<5	30
143263	<5	16.6	35.6	<50	20	<0.01	<10	<50	<5	20
143264	<5	16.7	35.8	<50	<10	<0.01	<10	<50	<5	30
143265	<5	16.7	35.7	<50	<10	<0.01	<10	<50	<5	30
143266	<5	16.4	35.2	<50	10	<0.01	<10	<50	<5	40
143267	<5	17.0	36.4	<50	<10	<0.01	<10	<50	<5	40
143268	<5	17.4	37.1	<50	40	<0.01	<10	<50	<5	120
143269	<5	17.3	37.1	<50	20	<0.01	<10	<50	<5	40
143270	<5	15.6	33.4	<50	10	<0.01	<10	<50	<5	30

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143271	<5	16.5	35.3	<50	10	<0.01	<10	<50	<5	40
143272	<5	15.6	33.3	<50	20	<0.01	<10	<50	<5	30
143273	<5	15.7	33.7	<50	10	<0.01	<10	<50	<5	30
143274	<5	18.5	39.6	<50	20	<0.01	<10	<50	<5	30
143275	<5	17.2	36.7	<50	10	<0.01	<10	<50	<5	20
143276	<5	17.0	36.4	<50	10	<0.01	<10	<50	<5	40
143277	<5	17.6	37.5	<50	20	<0.01	<10	<50	<5	30
143278	<5	14.7	31.5	<50	10	<0.01	<10	<50	<5	30
143279	<5	16.9	36.1	<50	<10	<0.01	<10	<50	<5	40
143280	<5	16.5	35.4	<50	<10	<0.01	<10	<50	<5	40
143281	<5	>25	93.3	<50	<10	0.03	<10	<50	6	<10
143282	<5	17.0	36.4	<50	10	<0.01	<10	<50	<5	20
143283	<5	17.3	37.1	<50	<10	<0.01	<10	<50	<5	50
143284	10	17.2	36.9	<50	30	0.16	90	<50	6	60
143285	<5	16.4	35.2	<50	<10	<0.01	<10	<50	<5	50
143286	<5	17.1	36.6	<50	<10	<0.01	<10	<50	<5	40
143287	<5	16.1	34.4	<50	10	<0.01	<10	<50	<5	40
143288	<5	16.6	35.6	<50	20	<0.01	<10	<50	<5	60
143289	<5	16.3	34.9	<50	20	<0.01	<10	<50	<5	80
143290	<5	17.2	36.8	<50	50	<0.01	<10	<50	<5	60
143291	<5	17.7	37.8	<50	30	<0.01	<10	<50	<5	60
143292	<5	20.0	42.9	<50	90	0.02	<10	<50	8	70
143293	<5	18.0	38.4	<50	50	0.01	<10	<50	8	70
143294	<5	20.0	42.8	<50	30	0.02	<10	<50	9	90
143295	<5	18.3	39.1	<50	<10	<0.01	<10	<50	<5	50
143296	<5	17.5	37.4	<50	<10	<0.01	<10	<50	<5	50
143297	<5	16.6	35.5	<50	<10	<0.01	<10	<50	<5	60
143298	<5	20.4	43.7	<50	<10	<0.01	<10	<50	<5	60
143299	<5	20.7	44.3	<50	20	<0.01	<10	<50	<5	50
143300	<5	21.2	45.3	<50	30	0.04	20	<50	<5	120
143301	<5	>25	96.0	<50	<10	0.03	<10	<50	8	<10
143302	<5	20.8	44.5	<50	40	0.09	30	<50	<5	280
143303	11	19.4	41.4	<50	30	0.18	80	<50	9	440
143304	<5	19.4	41.6	<50	80	0.02	<10	<50	<5	320
143305	<5	20.0	42.7	<50	50	<0.01	<10	<50	<5	490
143306	<5	19.7	42.1	<50	40	<0.01	<10	<50	<5	90
143307	<5	21.2	45.4	<50	120	0.02	10	<50	<5	330

Certificate of Analysis

Work Order: VC111049

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Aug 12, 2011

P.O. No.	:	Sample id:143320-143399
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Jul 20, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143320	5.010	0.23	40	<10	<5	0.3	<10	2710	110	10
143321	1.105	0.46	<30	110	<5	<0.1	<10	190	<10	<10
143322	5.145	0.21	<30	<10	<5	0.5	<10	2690	110	<10
143323	5.095	0.20	50	<10	<5	0.4	<10	2690	120	<10
143324	5.180	0.19	40	<10	<5	0.5	<10	4400	120	<10
143325	5.240	0.20	40	<10	<5	0.4	<10	3840	110	<10
143326	4.765	0.16	30	<10	<5	0.3	<10	2500	110	<10
143327	5.180	0.15	30	<10	<5	0.6	<10	2700	110	<10
143328	5.545	0.14	<30	30	<5	0.5	<10	2260	80	<10
143329	4.990	0.20	30	<10	<5	0.3	<10	2830	120	10
143330	5.290	0.17	30	<10	<5	0.2	<10	2670	120	<10
143331	4.780	0.17	30	<10	<5	0.5	<10	2490	110	<10
143332	5.005	0.19	<30	<10	<5	0.4	<10	5250	120	<10
143333	4.915	0.15	<30	<10	<5	0.3	<10	2930	100	<10
143334	6.845	0.36	<30	<10	<5	1.1	<10	2860	100	<10
143335	6.730	7.51	<30	1780	<5	5.2	<10	420	50	40
143336	4.730	0.13	<30	<10	<5	1.4	<10	3760	120	10
143337	5.155	0.11	<30	<10	<5	1.1	<10	3290	110	<10
143338	5.750	0.15	<30	<10	<5	0.7	<10	3540	120	20
143339	4.755	0.13	<30	<10	<5	0.4	<10	3390	110	<10
143340	4.840	0.10	<30	<10	<5	0.2	<10	3200	120	<10
143341	0.970	0.50	<30	120	<5	<0.1	<10	230	<10	<10
143342	5.140	0.14	<30	<10	<5	0.2	<10	2970	120	<10
143343	5.220	0.16	<30	<10	<5	0.1	<10	2830	120	<10
143344	5.000	0.13	<30	<10	<5	0.2	<10	3130	120	<10
143345	5.510	0.15	<30	<10	<5	0.2	<10	3020	120	10
143346	5.355	0.14	<30	<10	<5	0.2	<10	3520	120	<10
143347	4.865	0.20	<30	<10	<5	0.3	<10	2680	110	10
143348	5.485	0.18	<30	<10	<5	0.4	<10	2660	110	<10
143349	5.035	0.16	30	<10	<5	0.1	<10	2680	120	10
143350	4.955	0.16	<30	<10	<5	0.2	<10	2900	120	<10
143351	4.770	0.17	<30	<10	<5	0.4	<10	2690	120	<10
143352	4.610	0.15	<30	<10	<5	0.2	<10	2570	120	<10
143353	5.610	0.18	<30	<10	<5	<0.1	<10	2750	110	<10
143354	5.100	0.12	<30	<10	<5	<0.1	<10	2660	120	<10
143355	5.280	0.18	<30	<10	<5	<0.1	<10	2750	120	<10
143356	5.320	0.24	<30	<10	<5	<0.1	<10	2690	110	<10
143357	5.175	0.18	<30	<10	<5	<0.1	<10	2710	110	10
143358	4.670	0.17	<30	<10	<5	<0.1	<10	3030	120	<10
143359	5.015	0.14	<30	<10	<5	<0.1	<10	2990	110	<10
143360	5.400	0.11	<30	<10	<5	0.2	<10	3470	110	<10
143361	1.020	0.68	<30	120	<5	<0.1	<10	40	<10	<10
143362	4.800	0.14	<30	<10	<5	0.2	<10	4230	120	<10

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143363	4.855	0.28	<30	10	<5	0.4	<10	3130	110	<10
143364	4.970	0.14	<30	<10	<5	<0.1	<10	3040	120	<10
143365	5.010	0.12	<30	<10	<5	0.3	<10	3900	120	<10
143366	4.835	0.14	<30	<10	<5	0.1	<10	3530	120	<10
143367	5.010	0.16	<30	<10	<5	0.2	<10	3830	110	<10
143368	5.090	0.14	<30	<10	<5	0.4	<10	3370	120	<10
143369	5.335	0.15	<30	<10	<5	0.2	<10	3240	120	<10
143370	5.135	0.14	<30	<10	<5	0.2	<10	3210	120	<10
143371	5.015	0.19	<30	<10	<5	0.2	<10	2770	120	<10
143372	5.470	0.16	<30	<10	<5	0.2	<10	2730	120	<10
143373	5.025	0.15	<30	<10	<5	0.4	<10	2900	120	<10
143374	4.440	0.17	<30	<10	<5	0.3	<10	3090	120	<10
143375	5.190	0.15	<30	<10	<5	0.3	<10	3000	120	<10
143376	5.190	0.17	<30	<10	<5	0.1	<10	2770	110	<10
143377	4.915	0.18	<30	<10	<5	0.1	<10	3030	120	<10
143378	5.155	0.81	<30	70	<5	0.3	<10	2350	110	20
143379	4.640	0.54	<30	<10	<5	0.5	<10	2670	100	20
143380	4.495	0.18	<30	<10	<5	0.4	<10	2710	110	<10
143381	0.910	0.51	<30	120	<5	<0.1	<10	200	<10	<10
143382	5.235	0.19	<30	<10	<5	0.4	<10	2600	110	<10
143383	5.575	0.19	<30	<10	<5	0.2	<10	2770	110	<10
143384	4.995	0.20	<30	<10	<5	0.1	<10	2410	110	<10
143385	5.510	0.16	<30	<10	<5	<0.1	<10	2870	120	<10
143386	5.190	0.18	<30	<10	<5	0.1	<10	2910	120	20
143387	5.285	0.19	<30	<10	<5	0.1	<10	2780	120	<10
143388	5.075	0.17	<30	<10	<5	0.2	<10	2870	120	<10
143389	5.320	0.16	<30	<10	<5	0.2	<10	3060	120	<10
143390	4.695	0.18	<30	<10	<5	0.2	<10	3000	120	<10
143391	5.645	0.22	<30	<10	<5	0.1	<10	2990	110	10
143392	5.335	0.23	<30	<10	<5	0.2	<10	2920	110	<10
143393	5.340	0.21	<30	<10	<5	0.5	<10	2760	110	<10
143394	5.040	0.21	<30	<10	<5	0.4	<10	3550	120	<10
143395	4.995	0.16	<30	<10	<5	0.6	<10	2650	120	<10
143396	5.620	0.19	<30	<10	<5	1.9	<10	2540	110	10
143397	5.150	0.22	<30	<10	<5	1.9	<10	3490	120	<10
143398	4.350	1.16	<30	<10	<5	2.2	<10	2090	90	10
143399	1.930	1.09	<30	<10	<5	1.5	<10	1800	80	20

Final : VC111049 Order: Sample id:143320-143399

Element Method Det.Lim. Units	Fe @ICP90A 0.01 %	K @ICP90A 0.1 %	La @ICP90A 10 ppm	Li @ICP90A 10 ppm	Mg @ICP90A 0.01 %	Mn @ICP90A 10 ppm	Mo @ICP90A 10 ppm	Ni @ICP90A 10 ppm	P @ICP90A 0.01 %	Pb @ICP90A 20 ppm
143320	5.29	<0.1	<10	<10	22.3	780	<10	2010	<0.01	<20
143321	0.28	0.2	<10	<10	0.03	20	<10	<10	<0.01	<20
143322	5.30	<0.1	<10	<10	22.2	890	<10	2010	<0.01	<20
143323	5.69	<0.1	<10	<10	22.2	920	<10	2210	<0.01	<20
143324	5.02	<0.1	<10	<10	21.9	930	<10	2100	<0.01	<20
143325	5.03	<0.1	<10	<10	22.3	920	<10	2100	<0.01	<20
143326	4.96	<0.1	<10	<10	22.4	820	<10	2130	<0.01	<20
143327	5.11	<0.1	<10	<10	21.7	1060	<10	2010	<0.01	<20
143328	4.81	<0.1	<10	<10	18.7	1120	<10	1720	<0.01	<20
143329	5.72	<0.1	<10	<10	22.2	940	<10	2170	<0.01	<20
143330	5.22	<0.1	<10	<10	22.6	960	<10	2200	<0.01	<20
143331	4.84	<0.1	<10	<10	21.3	850	<10	1910	<0.01	<20
143332	5.24	<0.1	<10	<10	21.7	920	<10	2030	<0.01	<20
143333	5.19	<0.1	<10	<10	21.9	890	<10	1870	<0.01	30
143334	5.00	<0.1	<10	<10	20.7	850	<10	1940	<0.01	<20
143335	5.73	3.8	40	60	5.37	1050	<10	170	0.27	<20
143336	5.23	<0.1	<10	<10	20.2	960	<10	2170	<0.01	<20
143337	4.75	<0.1	<10	<10	21.8	980	<10	2080	<0.01	<20
143338	5.11	<0.1	<10	<10	21.7	1060	<10	2190	<0.01	<20
143339	4.59	<0.1	<10	<10	22.7	1060	<10	2230	<0.01	<20
143340	4.51	<0.1	<10	<10	20.9	920	<10	2020	<0.01	<20
143341	0.41	0.2	10	<10	0.13	20	<10	20	<0.01	<20
143342	4.98	<0.1	<10	<10	22.1	910	<10	2190	<0.01	<20
143343	5.28	<0.1	<10	<10	22.6	910	<10	2260	<0.01	<20
143344	5.44	<0.1	<10	<10	22.5	960	<10	2460	<0.01	<20
143345	5.13	<0.1	<10	<10	22.8	910	<10	2220	<0.01	<20
143346	5.47	<0.1	<10	<10	22.5	970	<10	2120	<0.01	<20
143347	5.24	<0.1	<10	<10	22.3	870	<10	2130	<0.01	<20
143348	4.93	<0.1	<10	<10	21.9	1010	<10	2100	<0.01	<20
143349	4.96	<0.1	<10	<10	22.3	910	<10	2260	<0.01	<20
143350	5.44	<0.1	<10	<10	22.1	860	<10	2300	<0.01	<20
143351	5.38	<0.1	<10	<10	22.2	920	<10	2200	<0.01	<20
143352	5.33	<0.1	<10	<10	22.9	910	<10	2260	<0.01	<20
143353	5.13	<0.1	<10	<10	22.7	880	<10	2180	<0.01	<20
143354	5.93	<0.1	<10	<10	22.7	900	<10	2320	<0.01	<20
143355	5.43	<0.1	<10	<10	22.3	870	<10	2170	<0.01	<20
143356	5.22	<0.1	<10	<10	22.0	940	<10	2110	<0.01	<20
143357	5.05	<0.1	<10	<10	21.9	870	<10	2110	<0.01	<20
143358	5.42	<0.1	<10	<10	22.1	910	<10	2260	<0.01	<20
143359	5.09	<0.1	<10	<10	22.1	870	<10	2120	<0.01	<20
143360	5.25	<0.1	<10	<10	22.1	850	<10	2100	<0.01	<20
143361	0.49	0.3	10	<10	0.10	20	<10	20	<0.01	<20
143362	5.15	<0.1	<10	<10	22.5	920	<10	2110	<0.01	<20

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143363	5.46	<0.1	<10	<10	22.0	980	<10	2000	<0.01	<20
143364	5.39	<0.1	<10	<10	22.2	910	<10	2130	<0.01	<20
143365	4.79	<0.1	<10	<10	22.7	900	<10	2400	<0.01	<20
143366	5.22	<0.1	<10	<10	22.1	920	<10	2190	<0.01	<20
143367	5.05	<0.1	<10	<10	22.4	880	<10	2210	<0.01	<20
143368	5.35	<0.1	<10	<10	22.7	910	<10	2150	<0.01	<20
143369	5.84	<0.1	<10	<10	22.7	980	<10	1990	<0.01	<20
143370	5.73	<0.1	<10	<10	22.4	930	<10	2270	<0.01	<20
143371	5.47	<0.1	<10	<10	22.0	840	<10	2210	<0.01	<20
143372	5.16	<0.1	<10	<10	22.5	910	<10	2140	<0.01	<20
143373	4.99	<0.1	<10	<10	21.9	850	<10	2040	<0.01	<20
143374	5.03	<0.1	<10	<10	22.3	870	<10	2170	<0.01	<20
143375	5.26	<0.1	<10	<10	22.3	880	<10	2150	<0.01	<20
143376	5.31	<0.1	<10	<10	22.1	870	<10	2050	<0.01	<20
143377	5.19	<0.1	<10	<10	22.7	860	<10	2140	<0.01	<20
143378	5.09	0.1	<10	10	20.8	1140	<10	2000	0.01	<20
143379	5.18	<0.1	<10	<10	20.7	820	<10	1530	<0.01	<20
143380	5.13	<0.1	<10	<10	21.6	890	<10	2190	<0.01	<20
143381	0.32	0.2	10	<10	0.15	20	<10	20	<0.01	<20
143382	5.13	<0.1	<10	<10	22.3	910	<10	2090	<0.01	<20
143383	5.16	<0.1	<10	<10	22.1	870	<10	2150	<0.01	<20
143384	5.02	<0.1	<10	<10	22.4	870	<10	2140	<0.01	<20
143385	5.32	<0.1	<10	<10	22.9	920	<10	2170	<0.01	<20
143386	5.47	<0.1	<10	<10	22.8	950	<10	2130	<0.01	<20
143387	5.21	<0.1	<10	<10	22.4	930	<10	2160	<0.01	<20
143388	5.19	<0.1	<10	<10	22.6	950	<10	2260	<0.01	<20
143389	5.21	<0.1	<10	<10	22.9	940	<10	2120	<0.01	<20
143390	5.11	<0.1	<10	<10	22.4	970	<10	2230	<0.01	<20
143391	5.16	<0.1	<10	<10	22.6	940	<10	2060	<0.01	<20
143392	5.04	<0.1	<10	<10	22.9	890	<10	2190	<0.01	<20
143393	4.90	<0.1	<10	<10	22.8	1030	<10	2130	<0.01	<20
143394	5.16	<0.1	<10	<10	22.8	1040	<10	2240	<0.01	<20
143395	4.79	<0.1	<10	<10	23.0	1100	<10	2230	<0.01	<20
143396	4.68	<0.1	<10	<10	21.1	1050	<10	2010	<0.01	<20
143397	5.16	<0.1	<10	<10	21.2	1220	<10	2070	<0.01	<20
143398	4.65	<0.1	<10	10	18.9	1340	<10	1720	<0.01	<20
143399	4.21	<0.1	<10	10	17.4	1240	<10	1570	<0.01	<20

Final : VC111049 Order: Sample id:143320-143399

Element Method Det.Lim. Units	Sb @ICP90A 50 ppm	Sc @ICP90A 5 ppm	SiO2 @ICP90A 0.01 %	Sn @ICP90A 50 ppm	Sr @ICP90A 10 ppm	Ti @ICP90A 0.01 %	V @ICP90A 10 ppm	W @ICP90A 50 ppm	Y @ICP90A 5 ppm	Zn @ICP90A 10 ppm
143320	<50	<5	36.9	<50	80	<0.01	<10	<50	<5	40
143321	<50	<5	88.7	<50	<10	0.04	<10	<50	9	<10
143322	<50	5	38.2	<50	80	<0.01	<10	<50	<5	40
143323	<50	<5	36.6	<50	60	<0.01	<10	<50	<5	40
143324	<50	<5	37.7	<50	130	<0.01	<10	<50	<5	60
143325	<50	<5	36.1	<50	40	<0.01	<10	<50	<5	60
143326	<50	<5	38.5	<50	30	<0.01	<10	<50	<5	40
143327	<50	<5	39.0	<50	50	<0.01	<10	<50	<5	50
143328	<50	<5	47.0	<50	20	<0.01	<10	<50	<5	90
143329	<50	<5	36.9	<50	40	<0.01	<10	<50	<5	80
143330	<50	<5	38.6	<50	20	<0.01	<10	<50	<5	70
143331	<50	<5	34.6	<50	40	<0.01	<10	<50	<5	60
143332	<50	<5	34.2	<50	30	<0.01	10	<50	<5	80
143333	<50	<5	36.6	<50	20	<0.01	<10	<50	<5	60
143334	<50	<5	37.9	<50	60	<0.01	<10	<50	<5	60
143335	<50	18	44.4	<50	1050	0.56	160	<50	14	60
143336	<50	<5	38.4	<50	70	<0.01	<10	<50	<5	70
143337	<50	<5	32.4	<50	160	<0.01	<10	<50	<5	60
143338	<50	<5	36.1	<50	60	<0.01	<10	<50	<5	70
143339	<50	<5	34.6	<50	10	<0.01	<10	<50	<5	60
143340	<50	<5	36.5	<50	10	<0.01	<10	<50	<5	40
143341	<50	<5	94.3	<50	<10	0.04	<10	<50	11	<10
143342	<50	<5	36.9	<50	20	<0.01	<10	<50	<5	40
143343	<50	<5	36.6	<50	20	<0.01	<10	<50	<5	40
143344	<50	<5	33.5	<50	30	<0.01	<10	<50	<5	40
143345	<50	<5	34.8	<50	30	<0.01	<10	<50	<5	40
143346	<50	<5	36.3	<50	40	<0.01	<10	<50	<5	50
143347	<50	<5	38.3	<50	30	<0.01	<10	<50	<5	50
143348	<50	<5	37.6	<50	40	<0.01	<10	<50	<5	40
143349	<50	<5	36.5	<50	20	<0.01	<10	<50	<5	40
143350	<50	<5	35.7	<50	20	<0.01	<10	<50	<5	40
143351	<50	<5	35.2	<50	10	<0.01	<10	<50	<5	30
143352	<50	<5	36.1	<50	<10	<0.01	<10	<50	<5	30
143353	<50	<5	37.6	<50	<10	<0.01	<10	<50	<5	50
143354	<50	<5	33.1	<50	<10	<0.01	<10	<50	<5	30
143355	<50	<5	37.0	<50	<10	<0.01	<10	<50	<5	30
143356	<50	<5	35.7	<50	<10	<0.01	<10	<50	<5	30
143357	<50	<5	37.2	<50	<10	<0.01	<10	<50	<5	30
143358	<50	<5	39.4	<50	<10	<0.01	<10	<50	<5	40
143359	<50	<5	36.3	<50	<10	<0.01	<10	<50	<5	40
143360	<50	<5	34.5	<50	20	<0.01	<10	<50	<5	40
143361	<50	<5	89.1	<50	<10	0.04	<10	<50	11	<10
143362	<50	<5	32.8	<50	10	<0.01	<10	<50	<5	50

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Final : VC111049 Order: Sample id:143320-143399

Element	Sb	Sc	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	50	10	0.01	10	50	5	10
Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143363	<50	<5	36.3	<50	20	0.01	<10	<50	<5	40
143364	<50	<5	33.5	<50	<10	<0.01	<10	<50	<5	40
143365	<50	<5	33.0	<50	30	<0.01	<10	<50	<5	50
143366	<50	<5	32.7	<50	<10	<0.01	<10	<50	<5	40
143367	<50	<5	34.0	<50	<10	<0.01	<10	<50	<5	50
143368	<50	<5	34.8	<50	<10	<0.01	<10	<50	<5	40
143369	<50	6	33.8	<50	<10	<0.01	<10	<50	<5	40
143370	<50	<5	35.1	<50	10	<0.01	<10	<50	<5	30
143371	<50	<5	35.4	<50	10	<0.01	<10	<50	<5	30
143372	<50	<5	35.9	<50	<10	<0.01	<10	<50	<5	50
143373	<50	<5	36.7	<50	20	<0.01	<10	<50	<5	60
143374	<50	<5	34.2	<50	<10	<0.01	<10	<50	<5	40
143375	<50	<5	35.1	<50	<10	<0.01	<10	<50	<5	40
143376	<50	<5	34.5	<50	<10	<0.01	<10	<50	<5	30
143377	<50	<5	35.6	<50	<10	<0.01	<10	<50	<5	40
143378	<50	5	38.2	<50	40	0.04	20	<50	<5	50
143379	<50	6	40.4	<50	20	0.02	10	<50	<5	50
143380	<50	<5	36.6	<50	10	<0.01	<10	<50	<5	30
143381	<50	<5	86.1	<50	<10	0.03	<10	<50	8	<10
143382	<50	<5	35.7	<50	30	<0.01	<10	<50	<5	30
143383	<50	<5	38.2	<50	20	<0.01	<10	<50	<5	40
143384	<50	<5	37.5	<50	10	<0.01	<10	<50	<5	40
143385	<50	<5	36.9	<50	<10	<0.01	<10	<50	<5	30
143386	<50	<5	38.5	<50	10	<0.01	<10	<50	<5	40
143387	<50	<5	37.2	<50	10	<0.01	<10	<50	<5	40
143388	<50	<5	37.3	<50	10	<0.01	<10	<50	<5	50
143389	<50	<5	36.8	<50	10	<0.01	<10	<50	<5	50
143390	<50	<5	37.8	<50	20	<0.01	<10	<50	<5	50
143391	<50	<5	38.0	<50	<10	<0.01	<10	<50	<5	50
143392	<50	<5	38.8	<50	<10	<0.01	<10	<50	<5	50
143393	<50	<5	35.1	<50	<10	<0.01	<10	<50	<5	70
143394	<50	<5	37.9	<50	20	<0.01	<10	<50	<5	70
143395	<50	<5	36.6	<50	20	<0.01	<10	<50	<5	60
143396	<50	<5	34.8	<50	110	<0.01	<10	<50	<5	60
143397	<50	<5	37.3	<50	140	<0.01	<10	<50	<5	70
143398	<50	6	41.1	<50	140	0.05	30	<50	<5	90
143399	<50	<5	44.4	<50	100	0.04	10	<50	<5	90

SGS

Certificate of Analysis

Work Order: VC111049R

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 02, 2011

P.O. No.	:	Sample id:143320-143399
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 24, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ________________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143320	0.26	30	<10	<5	0.3	<10	2980	110	10	5.37
143321	0.46	<30	110	<5	<0.1	<10	180	<10	<10	0.29
143322	0.22	<30	<10	<5	0.5	<10	2710	110	10	5.32
143323	0.21	40	<10	<5	0.4	<10	2700	120	10	5.64
143324	0.17	40	<10	<5	0.5	<10	3940	110	10	4.84
143325	0.19	<30	<10	<5	0.5	<10	3870	110	20	4.85
143326	0.17	<30	<10	<5	0.4	<10	2480	110	10	5.04
143327	0.16	50	<10	<5	0.6	<10	2670	110	10	5.18
143328	0.15	<30	30	<5	0.5	<10	2300	80	<10	4.85
143329	0.21	<30	<10	<5	0.3	<10	2900	110	10	5.60
143330	0.18	<30	<10	<5	0.2	<10	2490	110	20	5.21
143331	0.18	<30	<10	<5	0.5	<10	2400	110	10	4.83
143332	0.20	<30	<10	<5	0.4	<10	5330	120	30	5.02
143333	0.16	<30	<10	<5	0.4	<10	2730	100	<10	5.17
143334	0.34	<30	<10	<5	1.1	<10	2530	100	<10	4.92
143335	7.68	<30	1760	5	5.6	<10	400	50	50	5.82
143336	0.12	<30	<10	<5	1.4	<10	3390	110	10	4.93
143337	0.12	<30	<10	<5	1.2	<10	3130	110	10	4.87
143338	0.16	<30	<10	<5	0.7	<10	3400	120	20	5.21
143339	0.14	<30	<10	<5	0.4	<10	3500	110	<10	4.50
143340	0.12	<30	<10	<5	0.2	<10	3150	120	<10	4.65
143341	0.51	<30	110	<5	<0.1	<10	220	<10	<10	0.43
143342	0.15	<30	<10	<5	0.2	<10	3220	110	<10	4.80
143343	0.16	<30	<10	<5	0.1	<10	2690	120	10	5.33
143344	0.14	<30	<10	<5	0.2	<10	3010	120	<10	5.59
143345	0.16	<30	<10	<5	0.3	<10	2880	120	<10	5.26
143346	0.14	<30	<10	<5	0.3	<10	3490	120	10	5.24
143347	0.20	<30	<10	<5	0.3	<10	2680	110	10	5.34
143348	0.18	<30	<10	<5	0.4	<10	2340	110	10	4.90
143349	0.17	30	<10	<5	0.2	<10	2490	110	20	4.99
143350	0.17	<30	<10	<5	0.2	<10	2510	110	20	5.44
143351	0.18	<30	<10	<5	0.4	<10	2580	110	20	5.40
143352	0.16	<30	<10	<5	0.2	<10	2700	110	10	5.36
143353	0.19	<30	<10	<5	<0.1	<10	2610	110	<10	5.15
143354	0.13	30	<10	<5	0.1	<10	2250	120	<10	6.08
143355	0.18	<30	<10	<5	<0.1	<10	2700	120	10	5.50
143356	0.26	<30	<10	<5	0.1	<10	2740	110	<10	5.21
143357	0.18	<30	<10	<5	<0.1	<10	2540	110	<10	4.98
143358	0.18	<30	<10	<5	<0.1	<10	2750	110	<10	5.35
143359	0.15	<30	<10	<5	<0.1	<10	3040	120	<10	5.18
143360	0.13	<30	<10	<5	0.2	<10	3540	110	<10	4.99
143361	0.72	<30	120	<5	<0.1	<10	40	<10	10	0.52
143362	0.15	<30	<10	<5	0.2	<10	4170	110	20	4.93

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143363	0.31	<30	<10	<5	0.4	<10	2880	110	10	5.39
143364	0.14	<30	<10	<5	<0.1	<10	3110	110	<10	5.16
143365	0.13	<30	<10	<5	0.3	<10	3650	110	<10	4.58
143366	0.15	<30	<10	<5	0.1	<10	3590	120	<10	5.08
143367	0.16	<30	<10	<5	0.2	<10	3850	110	<10	4.83
143368	0.18	<30	<10	<5	0.5	<10	3800	130	10	5.84
143369	0.17	<30	<10	<5	0.2	<10	3090	120	10	6.19
143370	0.15	<30	<10	<5	0.2	<10	2840	110	<10	5.70
143371	0.20	<30	<10	<5	0.2	<10	2490	110	<10	5.43
143372	0.18	<30	<10	<5	0.2	<10	2750	120	<10	5.17
143373	0.17	<30	<10	<5	0.4	<10	2640	110	10	5.01
143374	0.18	<30	<10	<5	0.3	<10	2710	110	<10	5.05
143375	0.17	<30	<10	<5	0.3	<10	3090	120	10	5.41
143376	0.19	<30	<10	<5	0.2	<10	2810	120	<10	5.43
143377	0.18	<30	<10	<5	0.1	<10	2730	110	10	5.17
143378	0.82	<30	70	<5	0.3	<10	2370	110	10	5.08
143379	0.55	30	<10	<5	0.5	<10	2490	100	<10	5.14
143380	0.20	<30	<10	<5	0.4	<10	2710	110	<10	5.16
143381	0.50	<30	110	<5	<0.1	<10	180	<10	<10	0.32
143382	0.20	<30	<10	<5	0.4	<10	2540	110	<10	5.11
143383	0.19	<30	<10	<5	0.2	<10	2600	110	<10	5.15
143384	0.19	<30	<10	<5	0.1	<10	2390	110	<10	5.12
143385	0.17	<30	<10	<5	0.1	<10	2900	110	<10	5.29
143386	0.18	<30	<10	<5	0.1	<10	2620	110	10	5.35
143387	0.20	<30	<10	<5	0.1	<10	2700	110	<10	5.16
143388	0.19	<30	<10	<5	0.2	<10	2740	110	<10	5.12
143389	0.18	<30	<10	<5	0.3	<10	2950	110	10	5.20
143390	0.19	<30	<10	<5	0.2	<10	2970	110	<10	5.10
143391	0.26	<30	<10	<5	0.2	<10	2830	110	<10	5.16
143392	0.22	<30	<10	<5	0.2	<10	2830	110	<10	4.88
143393	0.24	<30	<10	<5	0.6	<10	2950	110	<10	5.17
143394	0.23	<30	<10	<5	0.4	<10	3600	130	<10	5.88
143395	0.16	<30	<10	<5	0.6	<10	2730	120	<10	4.62
143396	0.18	<30	<10	<5	2.0	<10	2390	100	<10	4.64
143397	0.22	<30	<10	<5	1.9	<10	3020	120	<10	5.09
143398	1.13	<30	<10	<5	2.3	<10	1980	90	<10	4.61
143399	1.08	<30	<10	<5	1.5	<10	1350	80	<10	4.05

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143320	<0.1	<10	190	24.6	860	<10	2140	<0.01	<20	<50
143321	0.3	<10	130	0.05	20	<10	10	<0.01	<20	<50
143322	<0.1	<10	210	24.4	940	<10	2020	<0.01	<20	<50
143323	<0.1	<10	260	24.4	950	<10	2140	<0.01	<20	<50
143324	<0.1	<10	240	23.3	950	<10	2080	<0.01	<20	<50
143325	<0.1	<10	270	22.9	970	<10	2100	<0.01	<20	<50
143326	<0.1	<10	370	24.2	820	<10	2070	<0.01	<20	<50
143327	<0.1	<10	390	23.5	1100	<10	2090	<0.01	<20	<50
143328	<0.1	<10	220	20.0	1150	<10	1670	<0.01	<20	<50
143329	<0.1	<10	220	24.2	1000	<10	2300	<0.01	<20	<50
143330	<0.1	<10	430	24.7	970	<10	2120	<0.01	<20	<50
143331	<0.1	<10	640	23.2	890	<10	1890	<0.01	<20	<50
143332	<0.1	<10	560	22.6	940	<10	1980	<0.01	<20	<50
143333	<0.1	<10	500	23.7	920	<10	1850	<0.01	40	<50
143334	<0.1	<10	400	22.3	850	<10	1880	<0.01	<20	<50
143335	4.2	40	590	5.86	1100	<10	170	0.28	<20	<50
143336	<0.1	<10	420	20.6	970	<10	2050	<0.01	<20	<50
143337	<0.1	<10	560	24.0	1020	<10	2050	<0.01	<20	<50
143338	<0.1	<10	210	24.2	1080	<10	2190	<0.01	<20	<50
143339	<0.1	<10	90	24.1	1060	<10	2130	<0.01	<20	<50
143340	<0.1	<10	160	24.0	940	<10	2070	<0.01	<20	<50
143341	0.2	<10	80	0.15	20	<10	20	<0.01	<20	<50
143342	<0.1	<10	80	23.6	940	<10	2150	<0.01	<20	<50
143343	<0.1	<10	300	25.2	930	<10	2190	<0.01	<20	<50
143344	<0.1	<10	390	25.4	980	<10	2450	<0.01	<20	<50
143345	<0.1	<10	530	25.2	940	<10	2200	<0.01	<20	<50
143346	<0.1	<10	490	23.4	980	<10	2160	<0.01	<20	<50
143347	<0.1	<10	700	24.3	890	<10	2170	<0.01	<20	<50
143348	<0.1	<10	500	24.3	990	<10	2000	<0.01	<20	<50
143349	<0.1	<10	680	25.3	920	<10	2210	<0.01	<20	<50
143350	<0.1	<10	580	24.7	850	<10	2260	<0.01	<20	<50
143351	<0.1	<10	620	24.8	900	<10	2080	<0.01	<20	<50
143352	<0.1	<10	570	25.2	920	<10	2200	<0.01	<20	<50
143353	<0.1	<10	1000	24.9	890	<10	2180	<0.01	<20	<50
143354	<0.1	<10	1030	25.3	870	<10	2220	<0.01	<20	<50
143355	<0.1	<10	860	24.5	880	<10	2170	<0.01	<20	<50
143356	<0.1	<10	<10	24.6	990	<10	2160	<0.01	<20	<50
143357	<0.1	<10	<10	24.5	880	<10	2000	<0.01	<20	<50
143358	<0.1	<10	<10	24.3	900	<10	2230	<0.01	<20	<50
143359	<0.1	<10	<10	24.8	940	<10	2220	<0.01	<20	<50
143360	<0.1	<10	<10	23.5	870	<10	2170	<0.01	<20	<50
143361	0.3	<10	<10	0.14	20	<10	20	0.01	<20	<50
143362	<0.1	<10	<10	23.7	960	<10	2140	<0.01	<20	<50

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143363	<0.1	<10	40	24.3	970	<10	1930	<0.01	<20	<50
143364	<0.1	<10	<10	23.4	930	<10	2140	<0.01	<20	<50
143365	<0.1	<10	60	24.0	900	<10	2240	<0.01	<20	<50
143366	<0.1	<10	120	23.8	980	<10	2300	<0.01	<20	<50
143367	<0.1	<10	110	23.6	920	<10	2290	<0.01	<20	<50
143368	<0.1	<10	410	27.5	1000	<10	2390	<0.01	<20	<50
143369	<0.1	<10	320	26.7	1020	<10	2070	<0.01	<20	<50
143370	<0.1	<10	250	24.9	920	<10	2210	<0.01	<20	<50
143371	<0.1	<10	90	25.0	830	<10	2100	<0.01	<20	<50
143372	<0.1	<10	200	25.4	950	<10	2170	<0.01	<20	<50
143373	<0.1	<10	40	24.8	870	<10	2000	<0.01	<20	<50
143374	<0.1	<10	230	25.1	900	<10	2180	<0.01	<20	<50
143375	<0.1	<10	190	24.8	910	<10	2200	<0.01	<20	<50
143376	<0.1	<10	320	24.5	920	<10	2090	<0.01	<20	<50
143377	<0.1	<10	220	24.9	900	<10	2210	<0.01	<20	<50
143378	0.2	<10	130	23.0	1130	<10	1920	0.02	<20	<50
143379	<0.1	<10	10	23.0	850	<10	1570	<0.01	<20	<50
143380	<0.1	<10	70	24.6	920	<10	2190	<0.01	<20	<50
143381	0.3	<10	<10	0.19	20	<10	20	<0.01	<20	<50
143382	<0.1	<10	150	24.8	940	<10	2150	<0.01	<20	<50
143383	<0.1	<10	350	24.5	910	<10	2210	<0.01	<20	<50
143384	<0.1	<10	480	25.3	930	<10	2210	<0.01	<20	<50
143385	<0.1	<10	250	25.5	950	<10	2160	<0.01	<20	<50
143386	<0.1	<10	320	25.1	960	<10	2000	<0.01	<20	<50
143387	<0.1	<10	320	25.3	950	<10	2130	<0.01	<20	<50
143388	<0.1	<10	310	25.8	990	<10	2220	<0.01	<20	<50
143389	<0.1	<10	300	25.8	960	<10	2060	<0.01	<20	<50
143390	<0.1	<10	480	25.0	1020	<10	2220	<0.01	<20	<50
143391	<0.1	<10	460	25.1	960	<10	2130	<0.01	<20	<50
143392	<0.1	<10	390	25.0	930	<10	2250	<0.01	<20	<50
143393	<0.1	<10	560	26.9	1090	<10	2260	<0.01	<20	<50
143394	<0.1	<10	<10	29.1	1090	<10	2690	<0.01	<20	<50
143395	<0.1	<10	<10	25.3	1090	<10	2330	<0.01	<20	<50
143396	<0.1	<10	150	23.3	1080	<10	2100	<0.01	<20	<50
143397	<0.1	<10	360	23.4	1220	<10	2180	<0.01	<20	<50
143398	<0.1	<10	60	20.6	1320	<10	1670	0.01	<20	<50
143399	<0.1	<10	<10	18.9	1170	<10	1610	0.01	<20	<50

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143320	<5	17.7	37.9	<50	80	<0.01	<10	<50	<5	40
143321	<5	>25	92.9	<50	<10	0.04	<10	<50	9	<10
143322	<5	17.7	37.8	<50	90	<0.01	<10	<50	<5	40
143323	<5	16.8	35.9	<50	60	<0.01	<10	<50	<5	40
143324	<5	16.6	35.6	<50	120	<0.01	<10	<50	<5	60
143325	<5	16.4	35.1	<50	40	<0.01	<10	<50	<5	50
143326	<5	18.7	39.9	<50	30	<0.01	<10	<50	<5	30
143327	<5	18.8	40.1	<50	50	<0.01	<10	<50	<5	60
143328	<5	21.7	46.5	<50	20	<0.01	<10	<50	<5	90
143329	<5	15.8	33.7	<50	40	<0.01	<10	<50	<5	80
143330	<5	17.6	37.7	<50	20	<0.01	<10	<50	<5	60
143331	<5	15.9	34.0	<50	40	<0.01	<10	<50	<5	50
143332	<5	15.0	32.1	<50	30	<0.01	<10	<50	<5	80
143333	<5	15.4	33.0	<50	20	<0.01	<10	<50	<5	60
143334	<5	16.0	34.2	<50	60	0.01	<10	<50	<5	60
143335	17	21.9	46.9	<50	1090	0.56	160	<50	13	70
143336	<5	18.3	39.0	<50	70	<0.01	<10	<50	<5	60
143337	<5	16.5	35.3	<50	170	<0.01	<10	<50	<5	50
143338	<5	17.5	37.3	<50	50	<0.01	<10	<50	<5	80
143339	<5	16.6	35.6	<50	10	<0.01	<10	<50	<5	70
143340	<5	17.3	36.9	<50	10	<0.01	<10	<50	<5	50
143341	<5	>25	89.1	<50	<10	0.03	<10	<50	10	<10
143342	<5	15.3	32.7	<50	20	<0.01	<10	<50	<5	50
143343	<5	16.0	34.1	<50	20	<0.01	<10	<50	<5	50
143344	<5	16.3	34.9	<50	30	<0.01	<10	<50	<5	50
143345	<5	17.5	37.3	<50	30	<0.01	<10	<50	<5	40
143346	<5	17.4	37.3	<50	30	<0.01	<10	<50	<5	40
143347	<5	18.4	39.4	<50	30	<0.01	<10	<50	<5	40
143348	<5	17.4	37.2	<50	40	<0.01	<10	<50	<5	50
143349	<5	17.5	37.5	<50	20	<0.01	<10	<50	<5	40
143350	<5	17.0	36.3	<50	20	<0.01	<10	<50	<5	50
143351	<5	17.1	36.6	<50	10	<0.01	<10	<50	<5	40
143352	<5	17.2	36.7	<50	<10	<0.01	<10	<50	<5	40
143353	<5	18.2	39.0	<50	<10	<0.01	<10	<50	<5	40
143354	<5	16.1	34.5	<50	<10	<0.01	<10	<50	<5	30
143355	<5	17.4	37.1	<50	<10	<0.01	<10	<50	<5	40
143356	<5	15.8	33.8	<50	<10	<0.01	<10	<50	<5	50
143357	<5	15.9	34.0	<50	<10	<0.01	<10	<50	<5	40
143358	<5	18.4	39.3	<50	<10	<0.01	<10	<50	<5	30
143359	<5	16.1	34.4	<50	<10	<0.01	<10	<50	<5	40
143360	<5	15.7	33.6	<50	<10	<0.01	<10	<50	<5	60
143361	<5	>25	98.4	<50	<10	0.05	<10	<50	10	<10
143362	<5	16.3	34.9	<50	10	<0.01	<10	<50	<5	60

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143363	<5	16.7	35.7	<50	20	0.02	<10	<50	<5	40
143364	<5	15.9	34.1	<50	<10	<0.01	<10	<50	<5	50
143365	<5	16.8	35.9	<50	20	<0.01	<10	<50	<5	60
143366	<5	16.8	35.9	<50	<10	<0.01	<10	<50	<5	50
143367	<5	17.0	36.4	<50	<10	<0.01	<10	<50	<5	60
143368	<5	19.1	40.8	<50	10	<0.01	<10	<50	<5	50
143369	5	16.2	34.7	<50	<10	<0.01	<10	<50	<5	40
143370	<5	16.8	35.9	<50	10	<0.01	<10	<50	<5	40
143371	<5	15.3	32.7	<50	<10	<0.01	<10	<50	<5	40
143372	<5	16.5	35.3	<50	<10	<0.01	<10	<50	<5	40
143373	<5	17.6	37.6	<50	10	<0.01	<10	<50	<5	50
143374	<5	17.5	37.5	<50	<10	<0.01	<10	<50	<5	40
143375	<5	16.1	34.5	<50	<10	<0.01	<10	<50	<5	40
143376	<5	16.7	35.8	<50	<10	<0.01	<10	<50	<5	40
143377	<5	14.1	30.1	<50	<10	<0.01	<10	<50	<5	40
143378	5	18.0	38.6	<50	40	0.05	20	<50	<5	60
143379	6	17.8	38.1	<50	20	0.02	10	<50	<5	50
143380	<5	13.3	28.4	<50	10	<0.01	<10	<50	<5	40
143381	<5	>25	97.3	<50	<10	0.02	<10	<50	6	<10
143382	<5	13.5	28.9	<50	20	<0.01	<10	<50	<5	40
143383	<5	13.7	29.2	<50	10	<0.01	<10	<50	<5	40
143384	<5	16.5	35.3	<50	<10	<0.01	<10	<50	<5	40
143385	<5	15.9	33.9	<50	<10	<0.01	<10	<50	<5	40
143386	<5	16.6	35.4	<50	10	<0.01	<10	<50	<5	40
143387	<5	13.2	28.2	<50	<10	<0.01	<10	<50	<5	50
143388	<5	13.2	28.2	<50	10	<0.01	<10	<50	<5	50
143389	<5	15.9	34.0	<50	10	<0.01	<10	<50	<5	60
143390	<5	15.0	32.0	<50	20	<0.01	<10	<50	<5	60
143391	<5	14.7	31.4	<50	<10	<0.01	<10	<50	<5	50
143392	<5	16.2	34.6	<50	<10	<0.01	<10	<50	<5	70
143393	5	17.6	37.6	<50	10	<0.01	<10	<50	<5	80
143394	5	18.0	38.4	<50	20	<0.01	<10	<50	<5	90
143395	<5	15.8	33.9	<50	20	<0.01	<10	<50	<5	80
143396	<5	16.9	36.2	<50	100	<0.01	<10	<50	<5	80
143397	<5	16.7	35.7	<50	130	<0.01	<10	<50	<5	90
143398	6	17.9	38.3	<50	120	0.05	20	<50	<5	110
143399	<5	19.3	41.2	<50	90	0.04	10	<50	<5	110

Certificate of Analysis

Work Order: VC111051

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Aug 16, 2011

P.O. No.	:	SAMPLE ID: 143400-143479
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Jul 22, 2011
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By : ______________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143400	5.435	3.30	<30	40	<5	0.5	<10	2020	90	40
143401	1.170	0.52	<30	120	<5	<0.1	<10	200	<10	<10
143402	5.190	1.91	<30	30	<5	1.0	<10	2590	110	20
143403	6.010	2.00	<30	40	<5	1.6	<10	2160	110	20
143404	5.660	0.73	<30	20	<5	2.3	<10	3400	120	20
143405	5.035	2.11	<30	40	<5	1.2	<10	2420	100	20
143406	5.940	2.31	<30	30	<5	1.4	<10	2750	100	20
143407	5.465	1.84	<30	80	<5	1.7	<10	2660	110	20
143408	5.625	1.86	<30	30	<5	1.5	<10	2480	110	20
143409	5.650	2.80	<30	40	<5	1.0	<10	2220	100	20
143410	4.935	1.82	<30	<10	<5	0.6	<10	2520	100	20
143411	5.780	1.82	<30	20	<5	1.0	<10	2460	110	20
143412	5.335	0.21	<30	<10	<5	1.6	<10	2760	110	10
143413	5.385	2.27	<30	20	<5	1.3	<10	2350	100	20
143414	5.470	2.55	<30	20	<5	1.0	<10	2350	110	30
143415	5.550	1.86	<30	10	<5	1.1	<10	2550	110	20
143416	5.580	1.80	<30	20	<5	2.0	<10	2470	110	30
143417	5.645	1.06	<30	<10	<5	2.0	<10	2600	110	10
143418	5.585	1.01	<30	<10	<5	2.3	<10	2580	110	20
143419	5.120	2.98	<30	40	<5	1.8	<10	2190	90	20
143420	5.310	4.73	<30	20	<5	2.2	<10	1990	80	20
143421	0.900	0.43	<30	120	<5	<0.1	<10	140	<10	<10
143422	5.550	0.23	<30	<10	<5	0.8	<10	2430	100	<10
143423	4.900	6.06	<30	30	<5	1.5	<10	1240	80	<10
143424	5.045	0.18	<30	<10	<5	1.6	<10	2580	110	<10
143425	5.340	0.27	<30	<10	<5	1.1	<10	2140	100	<10
143426	5.050	0.16	<30	<10	<5	1.5	<10	3670	120	<10
143427	5.115	0.21	<30	<10	<5	2.3	<10	5860	120	<10
143428	4.950	0.25	<30	<10	<5	1.3	<10	2900	90	<10
143429	6.465	0.50	<30	<10	<5	2.2	<10	2620	100	<10
143430	4.745	9.88	<30	480	<5	0.5	<10	30	20	10
143431	4.390	9.83	<30	620	<5	0.8	<10	20	20	10
143432	4.190	8.07	<30	20	<5	1.4	<10	860	50	40
143433	5.955	7.29	<30	30	<5	1.8	<10	930	60	30
143434	4.615	4.44	<30	<10	<5	0.5	<10	1540	70	80
143435	5.435	1.07	<30	20	<5	0.1	<10	2390	100	<10
143436	5.220	0.21	<30	<10	<5	0.2	<10	2850	110	<10
143437	5.155	0.21	<30	<10	<5	0.2	<10	2620	100	<10
143438	4.930	0.16	<30	<10	<5	0.2	<10	2450	100	<10
143439	5.125	0.13	<30	<10	<5	0.5	<10	2920	110	<10
143440	5.205	0.11	<30	<10	<5	<0.1	<10	2690	110	<10
143441	0.985	0.61	<30	120	<5	<0.1	<10	180	<10	<10
143442	4.735	0.11	30	<10	<5	0.4	<10	2790	110	<10

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143443	4.870	0.18	40	<10	<5	0.2	<10	4960	120	<10
143444	4.710	0.15	<30	<10	<5	0.4	<10	3210	110	<10
143445	5.290	0.17	30	<10	<5	<0.1	<10	3160	120	<10
143446	5.505	0.17	<30	<10	<5	0.3	<10	2820	110	<10
143447	4.810	0.17	30	<10	<5	<0.1	<10	3860	120	<10
143448	5.090	0.18	30	<10	<5	<0.1	<10	2810	110	<10
143449	5.400	0.18	<30	<10	<5	0.4	<10	4820	110	<10
143450	5.060	0.15	30	<10	<5	0.7	<10	4790	120	<10
143451	4.680	0.20	30	<10	<5	0.2	<10	2930	110	10
143452	5.015	0.14	<30	<10	<5	0.1	<10	3070	120	<10
143453	5.070	0.13	40	<10	<5	0.1	<10	3010	110	<10
143454	5.205	0.16	<30	<10	<5	<0.1	<10	2880	110	<10
143455	5.400	0.18	30	<10	<5	0.3	<10	2760	110	<10
143456	5.640	0.19	<30	<10	<5	<0.1	<10	2850	120	<10
143457	5.225	0.19	<30	<10	<5	<0.1	<10	3250	120	<10
143458	4.945	0.19	<30	<10	<5	0.4	<10	3750	120	<10
143459	5.205	0.23	<30	<10	<5	0.5	<10	2890	110	<10
143460	5.795	0.19	<30	<10	<5	0.4	<10	2450	110	<10
143461	0.915	0.65	<30	110	<5	<0.1	<10	170	<10	<10
143462	4.860	0.21	<30	<10	<5	0.1	<10	2450	110	10
143463	5.420	0.27	<30	<10	<5	0.7	<10	2430	110	<10
143464	4.670	4.16	<30	10	<5	1.2	<10	1860	90	20
143465	3.255	4.71	<30	20	<5	0.7	<10	1510	70	10
143466	3.795	4.84	40	<10	<5	0.9	<10	1320	70	10
143467	3.370	4.68	<30	<10	<5	0.6	<10	1530	70	20
143468	5.375	4.98	40	20	<5	0.7	<10	1340	70	30
143469	5.175	5.07	<30	40	<5	0.7	<10	1750	80	20
143470	5.560	4.87	30	200	<5	2.4	<10	1390	80	220
143471	4.675	4.86	<30	80	<5	1.9	<10	1780	70	50
143472	6.540	7.52	<30	1250	<5	2.2	<10	190	40	20
143473	3.480	7.79	<30	1240	<5	2.2	<10	140	40	30
143474	5.815	6.45	<30	50	<5	1.1	<10	1310	70	50
143475	5.095	1.07	<30	<10	<5	4.6	<10	2470	90	30
143476	5.030	6.10	<30	270	<5	3.8	<10	1240	60	50
143477	5.555	6.29	<30	870	<5	2.6	<10	880	40	40
143478	5.105	5.01	<30	440	<5	3.5	<10	1480	70	90
143479	6.350	4.57	<30	340	<5	3.7	<10	1650	70	60

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143400	5.80	<0.1	<10	20	18.3	1020	<10	1540	0.02	<20
143401	0.33	0.2	10	<10	0.03	10	<10	<10	<0.01	<20
143402	5.58	<0.1	<10	30	19.6	1050	<10	1890	0.02	<20
143403	5.73	<0.1	<10	30	19.7	1180	<10	1890	0.02	<20
143404	5.76	<0.1	<10	10	20.9	1250	<10	2180	<0.01	<20
143405	5.66	<0.1	<10	30	20.4	1050	<10	1850	0.02	<20
143406	5.72	<0.1	<10	30	19.6	1100	<10	1760	0.02	<20
143407	5.68	<0.1	<10	30	20.2	1160	<10	1920	0.02	<20
143408	5.79	<0.1	<10	30	20.4	1040	<10	1900	0.01	<20
143409	5.73	<0.1	<10	40	19.4	970	<10	1680	0.02	<20
143410	5.62	<0.1	<10	20	20.3	820	<10	1930	0.02	<20
143411	5.91	<0.1	<10	30	20.9	980	<10	1900	0.01	<20
143412	5.45	<0.1	<10	<10	22.1	1050	<10	2080	<0.01	<20
143413	5.85	<0.1	<10	30	20.1	1040	<10	1770	0.02	<20
143414	6.12	<0.1	<10	40	20.0	1020	<10	1750	0.02	<20
143415	5.85	<0.1	<10	30	20.9	950	<10	2010	0.01	<20
143416	6.08	<0.1	<10	20	20.1	1090	<10	1970	0.01	<20
143417	5.64	<0.1	<10	<10	20.8	970	<10	2090	<0.01	<20
143418	5.66	<0.1	<10	10	20.7	1110	<10	2060	<0.01	<20
143419	5.50	<0.1	<10	<10	16.9	900	<10	1430	0.02	<20
143420	5.29	<0.1	<10	20	17.4	1420	<10	1370	0.03	<20
143421	0.22	0.2	<10	<10	0.10	10	<10	10	<0.01	<20
143422	4.67	<0.1	<10	<10	21.1	980	<10	1950	<0.01	<20
143423	12.2	<0.1	50	120	13.4	6410	<10	980	0.18	<20
143424	5.84	<0.1	<10	<10	20.8	940	<10	2120	<0.01	<20
143425	4.98	<0.1	<10	<10	20.5	960	<10	1630	<0.01	<20
143426	5.10	<0.1	<10	<10	20.7	1020	<10	2260	<0.01	<20
143427	5.53	<0.1	<10	<10	20.6	1200	<10	2080	<0.01	<20
143428	5.01	<0.1	<10	<10	19.0	1070	<10	1850	<0.01	<20
143429	5.15	<0.1	<10	<10	19.0	1290	<10	2100	<0.01	<20
143430	4.90	1.1	10	50	4.23	2380	<10	<10	0.09	<20
143431	4.14	1.8	10	40	4.57	1290	<10	<10	0.09	<20
143432	6.24	0.2	<10	40	15.5	2060	<10	550	0.07	<20
143433	6.27	0.2	<10	60	15.2	2870	<10	630	0.07	<20
143434	5.45	<0.1	<10	20	18.1	1310	<10	1220	0.04	<20
143435	5.22	<0.1	<10	20	21.7	1070	<10	1970	<0.01	<20
143436	4.97	<0.1	<10	<10	21.9	820	<10	2150	<0.01	<20
143437	4.84	<0.1	<10	10	21.8	890	<10	2110	<0.01	<20
143438	4.61	<0.1	<10	<10	21.4	880	<10	2140	<0.01	<20
143439	5.15	<0.1	<10	<10	21.0	700	<10	2070	<0.01	<20
143440	4.48	<0.1	<10	<10	21.7	700	<10	2190	<0.01	<20
143441	0.37	0.3	10	<10	0.11	10	<10	10	<0.01	<20
143442	4.95	<0.1	<10	<10	22.1	850	<10	2100	<0.01	<20

Element Method Det.Lim. Units	Fe @ICP90A 0.01 %	K @ICP90A 0.1 %	La @ICP90A 10 ppm	Li @ICP90A 10 ppm	Mg @ICP90A 0.01 %	Mn @ICP90A 10 ppm	Mo @ICP90A 10 ppm	Ni @ICP90A 10 ppm	P @ICP90A 0.01 %	Pb @ICP90A 20 ppm
143443	5.17	<0.1	<10	<10	22.3	950	<10	2280	<0.01	<20
143444	4.96	<0.1	<10	<10	21.4	780	<10	1960	<0.01	<20
143445	5.29	<0.1	<10	<10	22.4	950	<10	2310	<0.01	<20
143446	5.49	<0.1	<10	<10	21.9	910	<10	2190	<0.01	<20
143447	5.98	<0.1	<10	<10	22.1	950	<10	2300	<0.01	<20
143448	5.06	<0.1	<10	<10	22.2	890	<10	2160	<0.01	<20
143449	5.11	<0.1	<10	<10	22.5	940	<10	2160	<0.01	<20
143450	5.46	<0.1	<10	<10	22.6	1020	<10	2250	<0.01	<20
143451	5.41	<0.1	<10	<10	22.4	820	<10	2240	<0.01	<20
143452	5.57	<0.1	<10	<10	22.7	900	<10	2130	<0.01	<20
143453	5.55	<0.1	<10	<10	22.8	950	<10	2340	<0.01	<20
143454	5.23	<0.1	<10	<10	23.0	850	<10	2140	<0.01	<20
143455	5.48	<0.1	<10	<10	23.4	910	<10	2150	<0.01	<20
143456	5.59	<0.1	<10	<10	23.6	920	<10	2250	<0.01	<20
143457	5.66	<0.1	<10	<10	23.8	940	<10	2310	<0.01	<20
143458	5.60	<0.1	<10	<10	23.9	1060	<10	2330	<0.01	<20
143459	5.20	<0.1	<10	<10	23.3	1040	<10	2170	<0.01	<20
143460	4.95	<0.1	<10	<10	22.5	950	<10	2240	<0.01	<20
143461	0.31	0.3	<10	<10	0.09	20	<10	10	<0.01	<20
143462	5.27	<0.1	<10	<10	21.9	880	<10	2130	<0.01	<20
143463	5.09	<0.1	<10	<10	21.4	850	<10	2110	<0.01	<20
143464	6.69	0.4	<10	50	16.6	1570	<10	1400	0.04	<20
143465	5.59	0.4	<10	70	16.0	1150	<10	1070	0.04	<20
143466	5.91	0.1	<10	50	15.6	1030	<10	950	0.04	<20
143467	5.99	<0.1	<10	50	15.3	1040	<10	1000	0.04	20
143468	6.53	0.3	<10	70	14.8	1390	<10	960	0.04	<20
143469	7.16	0.9	<10	80	15.3	2180	<10	1070	0.04	130
143470	7.11	0.9	<10	80	14.3	2080	<10	960	0.04	320
143471	6.58	0.8	<10	60	14.2	2320	<10	1090	0.04	290
143472	3.35	6.5	10	30	2.35	930	20	60	0.09	210
143473	3.66	3.7	<10	30	2.49	1070	10	70	0.08	190
143474	5.09	0.2	<10	50	15.6	1120	<10	990	0.04	<20
143475	4.74	<0.1	<10	<10	16.3	1080	<10	1670	<0.01	<20
143476	4.88	0.7	<10	30	12.6	1080	<10	900	0.04	<20
143477	3.52	2.9	<10	20	8.34	750	<10	590	0.04	<20
143478	5.67	1.3	<10	40	13.1	1140	<10	1040	0.07	<20
143479	5.16	0.5	<10	40	12.6	1320	<10	1240	0.03	<20

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143400	<50	12	20.4	43.7	<50	20	0.15	90	<50	<5
143401	<50	<5	>25	99.3	<50	<10	0.03	<10	<50	8
143402	<50	7	20.8	44.5	<50	50	0.07	40	<50	<5
143403	<50	8	19.6	41.9	<50	60	0.08	40	<50	<5
143404	<50	<5	19.3	41.2	<50	120	0.02	20	<50	<5
143405	<50	8	20.2	43.2	<50	50	0.07	40	<50	<5
143406	<50	8	20.2	43.1	<50	70	0.08	50	<50	<5
143407	<50	7	19.9	42.6	<50	90	0.07	40	<50	<5
143408	<50	7	20.6	44.2	<50	80	0.07	40	<50	<5
143409	<50	9	20.1	43.0	<50	90	0.10	50	<50	<5
143410	<50	7	21.0	44.8	<50	40	0.06	40	<50	<5
143411	<50	7	20.1	42.9	<50	50	0.07	40	<50	<5
143412	<50	5	19.7	42.1	<50	60	<0.01	<10	<50	<5
143413	<50	9	19.8	42.4	<50	60	0.08	50	<50	<5
143414	<50	9	19.9	42.7	<50	70	0.10	50	<50	<5
143415	<50	7	19.9	42.6	<50	60	0.07	40	<50	<5
143416	<50	7	19.4	41.4	<50	80	0.07	40	<50	<5
143417	<50	5	19.5	41.7	<50	70	0.04	30	<50	<5
143418	<50	<5	19.5	41.7	<50	90	0.04	20	<50	<5
143419	<50	11	20.6	44.1	<50	80	0.13	70	<50	<5
143420	<50	11	16.8	35.9	<50	80	0.16	80	<50	6
143421	<50	<5	>25	95.9	<50	<10	0.03	<10	<50	7
143422	<50	<5	19.4	41.5	<50	50	<0.01	<10	<50	<5
143423	<50	15	15.7	33.5	<50	80	0.44	120	<50	16
143424	<50	<5	17.4	37.2	<50	50	<0.01	<10	<50	<5
143425	<50	<5	19.1	40.9	<50	50	0.01	<10	<50	<5
143426	<50	<5	19.2	41.0	<50	30	<0.01	<10	<50	<5
143427	<50	<5	18.8	40.2	<50	40	<0.01	<10	<50	<5
143428	<50	<5	21.8	46.7	<50	70	<0.01	<10	<50	<5
143429	<50	<5	19.5	41.7	<50	80	0.01	<10	<50	<5
143430	<50	9	24.6	52.6	<50	360	0.28	90	<50	16
143431	<50	8	>25	54.1	<50	550	0.27	90	<50	16
143432	<50	19	14.9	31.9	<50	30	0.29	150	<50	14
143433	<50	18	15.5	33.2	<50	50	0.26	130	<50	12
143434	<50	13	16.5	35.3	<50	40	0.15	70	<50	6
143435	<50	5	19.2	41.1	<50	20	0.03	20	<50	<5
143436	<50	<5	19.3	41.2	<50	30	<0.01	<10	<50	<5
143437	<50	<5	18.9	40.4	<50	20	<0.01	<10	<50	<5
143438	<50	<5	18.6	39.8	<50	20	<0.01	<10	<50	<5
143439	<50	<5	18.4	39.3	<50	20	<0.01	<10	<50	<5
143440	<50	<5	17.5	37.4	<50	<10	<0.01	<10	<50	<5
143441	<50	<5	>25	92.9	<50	<10	0.03	<10	<50	7
143442	<50	<5	16.0	34.3	<50	<10	<0.01	<10	<50	<5

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143443	<50	<5	15.7	33.5	<50	10	<0.01	<10	<50	<5
143444	<50	<5	17.5	37.5	<50	10	<0.01	<10	<50	<5
143445	<50	<5	15.4	33.0	<50	<10	<0.01	<10	<50	<5
143446	<50	<5	16.9	36.1	<50	20	<0.01	<10	<50	<5
143447	<50	<5	16.1	34.5	<50	<10	<0.01	<10	<50	<5
143448	<50	<5	16.7	35.7	<50	<10	<0.01	<10	<50	<5
143449	<50	<5	15.9	34.0	<50	90	<0.01	<10	<50	<5
143450	<50	<5	15.6	33.4	<50	80	<0.01	<10	<50	<5
143451	<50	<5	17.8	38.0	<50	30	<0.01	<10	<50	<5
143452	<50	<5	16.7	35.8	<50	<10	<0.01	<10	<50	<5
143453	<50	<5	16.3	34.8	<50	<10	<0.01	<10	<50	<5
143454	<50	<5	17.1	36.6	<50	<10	<0.01	<10	<50	<5
143455	<50	<5	17.8	38.0	<50	20	<0.01	<10	<50	<5
143456	<50	<5	17.5	37.4	<50	10	<0.01	<10	<50	<5
143457	<50	<5	16.9	36.1	<50	<10	<0.01	<10	<50	<5
143458	<50	<5	17.4	37.2	<50	20	<0.01	<10	<50	<5
143459	<50	<5	17.1	36.6	<50	30	<0.01	<10	<50	<5
143460	<50	<5	16.9	36.2	<50	30	<0.01	<10	<50	<5
143461	<50	<5	>25	92.0	<50	<10	0.04	<10	<50	7
143462	<50	<5	17.6	37.7	<50	<10	<0.01	<10	<50	<5
143463	<50	5	16.9	36.1	<50	70	<0.01	10	<50	<5
143464	<50	18	16.6	35.5	<50	100	0.18	120	<50	6
143465	<50	20	18.8	40.1	<50	60	0.21	130	<50	8
143466	<50	19	19.2	41.0	<50	50	0.22	130	<50	8
143467	<50	18	19.1	40.8	<50	40	0.19	130	<50	8
143468	<50	20	19.4	41.5	<50	60	0.22	140	<50	8
143469	<50	20	20.2	43.1	<50	80	0.22	140	<50	8
143470	<50	22	20.2	43.3	<50	240	0.21	140	<50	8
143471	<50	18	20.6	44.1	<50	180	0.21	130	<50	7
143472	<50	8	>25	55.9	<50	360	0.20	70	<50	8
143473	<50	7	>25	57.2	<50	980	0.21	70	<50	8
143474	<50	13	17.8	38.1	<50	80	0.23	90	<50	7
143475	<50	<5	21.0	45.0	<50	150	0.03	10	<50	<5
143476	<50	10	19.7	42.0	<50	300	0.17	80	<50	6
143477	<50	8	>25	54.3	<50	420	0.15	60	<50	5
143478	<50	14	20.9	44.8	<50	440	0.24	110	<50	7
143479	<50	8	20.6	44.0	<50	370	0.15	70	<50	5

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143400	70
143401	<10
143402	60
143403	40
143404	50
143405	40
143406	40
143407	40
143408	30
143409	40
143410	40
143411	40
143412	30
143413	40
143414	40
143415	40
143416	40
143417	50
143418	30
143419	60
143420	70
143421	<10
143422	40
143423	280
143424	40
143425	40
143426	60
143427	70
143428	80
143429	70
143430	120
143431	80
143432	150
143433	200
143434	160
143435	60
143436	40
143437	50
143438	30
143439	40
143440	30
143441	<10
143442	40

Final : VC111051 Order: SAMPLE ID: 143400-143479

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143443	60
143444	30
143445	40
143446	40
143447	50
143448	40
143449	50
143450	50
143451	40
143452	40
143453	40
143454	40
143455	40
143456	40
143457	40
143458	50
143459	50
143460	40
143461	<10
143462	40
143463	50
143464	400
143465	310
143466	150
143467	140
143468	180
143469	180
143470	130
143471	130
143472	30
143473	40
143474	150
143475	60
143476	150
143477	50
143478	120
143479	130

Certificate of Analysis

Work Order: VC111051R

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 02, 2011

P.O. No.	:	SAMPLE ID: 143400-143479
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 24, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143400	3.24	<30	40	<5	0.5	<10	1900	90	40	5.69
143401	0.53	<30	110	<5	<0.1	<10	200	<10	10	0.34
143402	1.98	<30	30	<5	1.0	<10	2300	100	30	5.51
143403	2.05	<30	40	<5	1.6	<10	2100	100	30	5.62
143404	0.74	<30	20	<5	2.3	<10	3140	120	20	5.69
143405	2.08	<30	40	<5	1.2	<10	2300	100	30	5.58
143406	2.29	<30	30	<5	1.5	<10	2620	100	30	5.75
143407	1.83	<30	70	<5	1.8	<10	2290	100	20	5.56
143408	1.88	<30	40	<5	1.5	<10	2390	110	30	5.71
143409	2.83	<30	40	<5	1.0	<10	2050	100	30	5.66
143410	1.70	<30	<10	<5	0.5	<10	2130	100	20	5.17
143411	1.85	<30	30	<5	1.0	<10	2300	110	20	5.78
143412	0.22	<30	<10	<5	1.7	<10	2690	110	<10	5.38
143413	2.23	<30	20	<5	1.3	<10	2270	100	20	5.82
143414	2.48	<30	20	<5	1.1	<10	2270	100	30	6.11
143415	1.89	<30	20	<5	1.1	<10	2580	110	20	5.79
143416	1.78	<30	20	<5	1.9	<10	2230	110	30	5.85
143417	1.08	<30	10	<5	2.1	<10	2470	110	20	5.50
143418	1.00	<30	<10	<5	2.3	<10	2380	110	20	5.53
143419	3.05	<30	40	<5	1.8	<10	2090	90	20	5.51
143420	4.69	<30	30	<5	2.3	<10	1870	80	30	5.29
143421	0.24	<30	60	<5	<0.1	<10	80	<10	<10	0.12
143422	0.25	<30	<10	<5	0.8	<10	2390	110	<10	4.73
143423	5.84	<30	20	<5	1.6	<10	1230	80	<10	12.3
143424	0.18	<30	<10	<5	1.7	<10	2530	110	<10	5.86
143425	0.28	<30	<10	<5	1.1	<10	2100	100	<10	4.94
143426	0.18	<30	<10	<5	1.5	<10	3420	120	<10	5.14
143427	0.20	<30	<10	<5	2.2	<10	5410	120	<10	5.32
143428	0.25	<30	<10	<5	1.4	<10	2700	90	10	4.93
143429	0.52	<30	<10	<5	2.2	<10	2460	100	10	5.08
143430	9.85	<30	460	<5	0.5	<10	30	20	10	4.91
143431	9.51	<30	590	<5	0.8	<10	20	20	10	4.09
143432	8.01	<30	20	<5	1.5	<10	830	50	40	6.32
143433	7.41	<30	30	<5	1.8	<10	940	50	50	6.31
143434	4.53	<30	10	<5	0.5	<10	1540	70	100	5.42
143435	1.05	<30	30	<5	0.2	<10	2570	100	<10	5.18
143436	0.21	<30	<10	<5	0.2	<10	2590	110	<10	4.93
143437	0.23	<30	10	<5	0.2	<10	2530	100	<10	4.73
143438	0.16	<30	<10	<5	0.3	<10	2370	110	<10	4.59
143439	0.13	<30	<10	<5	0.5	<10	2410	100	<10	4.95
143440	0.12	<30	<10	<5	<0.1	<10	2640	110	<10	4.43
143441	0.64	<30	120	<5	<0.1	<10	180	<10	20	0.38
143442	0.13	<30	<10	<5	0.4	<10	2790	110	<10	5.03

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143443	0.18	<30	<10	<5	0.2	<10	4750	120	<10	4.82
143444	0.16	<30	<10	<5	0.4	<10	2990	110	<10	4.94
143445	0.17	<30	<10	<5	<0.1	<10	3090	120	<10	5.32
143446	0.20	<30	<10	<5	0.3	<10	2850	110	<10	5.45
143447	0.18	<30	<10	<5	<0.1	<10	3740	120	<10	5.52
143448	0.21	<30	<10	<5	<0.1	<10	2790	110	10	4.95
143449	0.19	<30	<10	<5	0.5	<10	4520	110	10	4.73
143450	0.16	<30	<10	<5	0.7	<10	4410	120	<10	5.01
143451	0.20	30	<10	<5	0.1	<10	2620	110	20	5.33
143452	0.17	<30	<10	<5	0.1	<10	2890	110	<10	5.42
143453	0.15	<30	<10	<5	0.1	<10	2850	110	10	5.39
143454	0.17	30	<10	<5	0.1	<10	2600	110	10	5.06
143455	0.20	<30	<10	<5	0.3	<10	2760	110	<10	5.26
143456	0.20	<30	<10	<5	0.1	<10	2770	110	<10	5.50
143457	0.21	<30	<10	<5	<0.1	<10	3140	110	<10	5.47
143458	0.19	<30	<10	<5	0.4	<10	3590	110	<10	5.10
143459	0.24	<30	<10	<5	0.5	<10	2740	110	<10	5.08
143460	0.20	<30	<10	<5	0.4	<10	2520	110	<10	4.83
143461	0.71	<30	110	<5	<0.1	<10	190	<10	<10	0.33
143462	0.23	<30	<10	<5	0.1	<10	2290	110	20	5.11
143463	0.29	<30	<10	<5	0.7	<10	2390	110	<10	4.91
143464	4.42	<30	20	<5	1.2	<10	1800	90	10	6.54
143465	5.01	<30	20	<5	0.7	<10	1390	70	10	5.39
143466	5.01	<30	<10	<5	0.9	<10	1170	70	<10	5.66
143467	4.85	<30	<10	<5	0.7	<10	1400	80	<10	5.87
143468	5.21	<30	20	<5	0.8	<10	1330	80	20	6.42
143469	5.13	<30	40	<5	0.7	<10	1720	80	<10	7.03
143470	4.87	<30	220	<5	2.3	<10	1250	70	250	6.65
143471	4.94	<30	90	<5	1.9	<10	1510	70	60	6.40
143472	7.81	<30	1210	<5	2.2	<10	180	40	<10	3.27
143473	8.49	<30	1250	<5	2.2	<10	150	40	30	3.58
143474	6.85	<30	50	<5	1.1	<10	1220	70	60	4.91
143475	1.10	<30	<10	<5	4.5	<10	2280	90	30	4.52
143476	6.29	<30	270	<5	3.9	<10	1180	60	50	4.81
143477	6.33	<30	840	<5	2.7	<10	840	40	40	3.45
143478	5.04	<30	430	<5	3.6	<10	1420	70	80	5.63
143479	4.67	<30	340	<5	3.8	<10	1550	70	60	5.13

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143400	0.1	<10	30	19.3	970	<10	1390	0.02	<20	<50
143401	0.3	<10	<10	0.05	10	<10	10	<0.01	<20	<50
143402	<0.1	<10	<10	21.4	970	<10	1780	0.02	<20	<50
143403	<0.1	<10	<10	21.6	1080	<10	1810	0.02	<20	<50
143404	<0.1	<10	<10	22.7	1220	<10	2060	<0.01	<20	<50
143405	0.1	<10	<10	21.6	1000	<10	1770	0.02	<20	<50
143406	<0.1	<10	<10	21.0	1040	<10	1790	0.02	<20	<50
143407	<0.1	<10	10	21.5	1050	<10	1790	0.01	<20	<50
143408	<0.1	<10	<10	21.7	990	<10	1840	0.02	<20	<50
143409	<0.1	<10	<10	20.7	900	<10	1650	0.03	<20	<50
143410	<0.1	<10	<10	20.6	700	<10	1760	0.02	<20	<50
143411	<0.1	<10	<10	22.4	920	<10	1870	0.02	<20	<50
143412	<0.1	<10	<10	23.8	990	<10	2020	<0.01	<20	<50
143413	<0.1	<10	<10	21.3	970	<10	1760	0.02	<20	<50
143414	<0.1	<10	<10	21.2	950	<10	1740	0.02	<20	<50
143415	<0.1	<10	<10	22.5	890	<10	1990	0.01	<20	<50
143416	<0.1	<10	<10	21.3	980	<10	1850	0.02	<20	<50
143417	<0.1	<10	<10	22.5	900	<10	1970	<0.01	<20	<50
143418	<0.1	<10	<10	22.3	1040	<10	1990	0.01	<20	<50
143419	0.1	<10	<10	18.3	860	<10	1390	0.03	<20	<50
143420	<0.1	<10	<10	18.4	1430	<10	1320	0.04	<20	<50
143421	0.7	<10	<10	0.06	<10	<10	<10	<0.01	<20	<50
143422	<0.1	<10	<10	22.3	920	<10	1900	<0.01	<20	<50
143423	<0.1	50	50	13.8	6410	<10	970	0.20	<20	<50
143424	<0.1	<10	<10	22.0	890	<10	2070	<0.01	<20	<50
143425	<0.1	<10	<10	22.4	890	<10	1580	<0.01	<20	<50
143426	<0.1	<10	100	23.0	930	<10	2140	<0.01	<20	<50
143427	<0.1	<10	<10	21.6	1120	<10	1980	<0.01	<20	<50
143428	<0.1	<10	<10	20.4	990	<10	1690	<0.01	<20	<50
143429	<0.1	<10	<10	20.6	1270	<10	1920	<0.01	<20	<50
143430	1.2	10	<10	4.38	2380	<10	20	0.10	<20	<50
143431	1.9	10	<10	4.63	1280	<10	10	0.10	<20	<50
143432	0.2	10	<10	16.8	2100	<10	570	0.08	<20	<50
143433	0.2	<10	70	16.8	2910	<10	650	0.08	<20	<50
143434	<0.1	<10	40	20.0	1280	<10	1200	0.05	<20	<50
143435	<0.1	<10	90	23.3	990	<10	1890	0.01	<20	<50
143436	<0.1	<10	<10	23.8	770	<10	2100	<0.01	<20	<50
143437	<0.1	<10	40	24.1	920	<10	1970	<0.01	<20	<50
143438	<0.1	<10	160	22.8	830	<10	2030	<0.01	<20	<50
143439	<0.1	<10	40	22.0	630	<10	1920	<0.01	<20	<50
143440	<0.1	<10	210	23.6	660	<10	2040	<0.01	<20	<50
143441	0.4	<10	40	0.13	10	<10	20	<0.01	<20	<50
143442	<0.1	<10	<10	24.3	810	<10	2070	<0.01	<20	<50

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143443	<0.1	<10	<10	22.7	910	<10	2210	<0.01	<20	<50
143444	<0.1	<10	140	23.2	740	<10	1890	<0.01	<20	<50
143445	<0.1	<10	70	24.2	890	<10	2290	<0.01	<20	<50
143446	<0.1	<10	360	24.2	970	<10	2100	<0.01	<20	<50
143447	<0.1	<10	80	23.2	1010	<10	2220	<0.01	<20	<50
143448	<0.1	<10	270	24.7	910	<10	2010	<0.01	<20	<50
143449	<0.1	<10	40	23.5	990	<10	2170	<0.01	<20	<50
143450	<0.1	<10	200	23.3	1000	<10	2110	<0.01	<20	<50
143451	<0.1	<10	250	24.7	860	<10	2180	<0.01	<20	<50
143452	<0.1	<10	240	25.1	870	<10	1960	<0.01	<20	<50
143453	<0.1	<10	70	25.3	900	<10	2160	<0.01	<20	<50
143454	<0.1	<10	200	25.2	880	<10	2150	<0.01	<20	<50
143455	<0.1	<10	130	25.7	930	<10	2080	<0.01	<20	<50
143456	<0.1	<10	90	26.4	960	<10	2200	<0.01	<20	<50
143457	<0.1	<10	70	26.4	960	<10	2230	<0.01	<20	<50
143458	<0.1	<10	210	24.8	1070	<10	2220	<0.01	<20	<50
143459	<0.1	<10	220	25.8	1080	<10	2060	<0.01	<20	<50
143460	<0.1	<10	90	25.1	990	<10	2190	<0.01	<20	<50
143461	0.4	<10	80	0.16	20	<10	30	<0.01	<20	<50
143462	<0.1	<10	80	24.2	860	<10	1960	<0.01	<20	<50
143463	<0.1	<10	170	23.7	890	<10	2100	<0.01	<20	<50
143464	0.5	<10	<10	18.8	1620	<10	1250	0.03	<20	<50
143465	0.5	<10	200	18.0	1120	<10	990	0.04	<20	<50
143466	0.1	<10	30	17.5	1010	<10	920	0.04	<20	<50
143467	0.1	<10	50	17.3	1050	<10	990	0.04	30	<50
143468	0.3	<10	250	16.7	1470	<10	960	0.04	<20	<50
143469	0.9	<10	100	16.6	2280	<10	1050	0.04	120	<50
143470	0.9	<10	170	15.1	2090	<10	900	0.04	300	<50
143471	0.8	<10	70	15.2	2390	<10	990	0.04	270	<50
143472	6.7	10	100	2.53	910	20	70	0.09	200	<50
143473	4.0	10	140	2.83	1140	10	70	0.08	170	<50
143474	0.3	<10	<10	17.7	1100	<10	920	0.03	30	<50
143475	<0.1	<10	<10	17.9	1100	<10	1630	<0.01	<20	<50
143476	0.7	<10	<10	13.7	1080	<10	870	0.04	<20	<50
143477	2.9	<10	70	8.89	740	<10	610	0.04	<20	<50
143478	1.4	<10	50	13.8	1120	<10	1000	0.06	<20	<50
143479	0.6	<10	20	13.5	1360	<10	1190	0.03	<20	<50

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143400	11	20.6	44.2	<50	30	0.15	70	<50	<5	80
143401	<5	>25	98.2	<50	10	0.03	<10	<50	7	<10
143402	6	20.9	44.7	<50	50	0.08	30	<50	<5	70
143403	6	19.7	42.2	<50	60	0.08	30	<50	<5	50
143404	<5	17.7	37.9	<50	120	0.03	<10	<50	<5	60
143405	6	20.8	44.6	<50	60	0.09	30	<50	<5	50
143406	7	21.0	45.0	<50	80	0.09	40	<50	<5	50
143407	5	20.1	42.9	<50	90	0.07	20	<50	<5	40
143408	6	20.9	44.7	<50	90	0.07	20	<50	<5	40
143409	8	20.2	43.2	<50	90	0.11	40	<50	<5	50
143410	6	18.8	40.2	<50	30	0.06	20	<50	<5	50
143411	7	20.4	43.6	<50	50	0.07	30	<50	<5	50
143412	<5	20.1	43.1	<50	60	<0.01	<10	<50	<5	50
143413	8	20.1	42.9	<50	60	0.09	40	<50	<5	40
143414	8	20.5	43.8	<50	70	0.10	40	<50	<5	40
143415	6	20.3	43.5	<50	60	0.08	30	<50	<5	50
143416	7	18.0	38.6	<50	80	0.07	30	<50	<5	40
143417	<5	19.9	42.7	<50	80	0.04	10	<50	<5	40
143418	<5	19.8	42.3	<50	90	0.04	10	<50	<5	50
143419	10	21.4	45.8	<50	80	0.13	60	<50	<5	60
143420	10	17.4	37.1	<50	80	0.17	70	<50	6	80
143421	<5	>25	94.6	<50	<10	0.02	<10	<50	<5	<10
143422	<5	20.4	43.5	<50	40	<0.01	<10	<50	<5	50
143423	14	16.1	34.4	<50	80	0.44	100	<50	15	300
143424	<5	18.1	38.8	<50	40	<0.01	<10	<50	<5	50
143425	<5	18.4	39.3	<50	50	0.01	<10	<50	<5	50
143426	<5	18.9	40.5	<50	30	<0.01	<10	<50	<5	70
143427	<5	18.7	40.1	<50	40	<0.01	<10	<50	<5	70
143428	<5	21.4	45.7	<50	70	<0.01	<10	<50	<5	90
143429	<5	19.8	42.5	<50	90	0.01	<10	<50	<5	80
143430	7	>25	53.7	<50	350	0.28	80	<50	14	130
143431	7	>25	55.8	<50	530	0.28	80	<50	14	90
143432	18	15.8	33.8	<50	30	0.32	130	<50	12	180
143433	18	16.1	34.5	<50	50	0.28	120	<50	11	240
143434	12	16.9	36.1	<50	40	0.17	60	<50	<5	180
143435	<5	19.5	41.7	<50	20	0.03	<10	<50	<5	70
143436	<5	19.8	42.2	<50	30	<0.01	<10	<50	<5	50
143437	<5	19.6	42.0	<50	30	<0.01	<10	<50	<5	50
143438	<5	19.2	41.1	<50	30	<0.01	<10	<50	<5	40
143439	<5	17.4	37.2	<50	20	<0.01	<10	<50	<5	40
143440	<5	18.8	40.2	<50	10	<0.01	<10	<50	<5	40
143441	<5	>25	95.7	<50	<10	0.03	<10	<50	7	<10
143442	<5	15.5	33.1	<50	<10	<0.01	<10	<50	<5	50

SGS

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143443	<5	15.8	33.9	<50	10	<0.01	<10	<50	<5	70
143444	<5	17.6	37.6	<50	20	<0.01	<10	<50	<5	40
143445	<5	17.1	36.6	<50	<10	<0.01	<10	<50	<5	40
143446	<5	17.3	37.0	<50	20	<0.01	<10	<50	<5	50
143447	<5	16.5	35.4	<50	<10	<0.01	<10	<50	<5	60
143448	<5	17.1	36.7	<50	10	<0.01	<10	<50	<5	50
143449	<5	16.9	36.2	<50	100	<0.01	<10	<50	<5	60
143450	<5	17.1	36.6	<50	80	<0.01	<10	<50	<5	50
143451	<5	18.4	39.3	<50	30	<0.01	<10	<50	<5	40
143452	<5	17.1	36.5	<50	20	<0.01	<10	<50	<5	40
143453	<5	16.6	35.4	<50	<10	<0.01	<10	<50	<5	50
143454	<5	18.0	38.6	<50	20	<0.01	<10	<50	<5	50
143455	<5	18.1	38.7	<50	20	<0.01	<10	<50	<5	50
143456	<5	18.1	38.7	<50	10	<0.01	<10	<50	<5	50
143457	<5	17.8	38.1	<50	<10	<0.01	<10	<50	<5	50
143458	<5	18.3	39.1	<50	30	<0.01	<10	<50	<5	70
143459	<5	18.7	39.9	<50	40	<0.01	<10	<50	<5	60
143460	<5	18.2	39.0	<50	30	<0.01	<10	<50	<5	50
143461	<5	>25	99.5	<50	<10	0.04	<10	<50	8	<10
143462	<5	18.6	39.8	<50	<10	<0.01	<10	<50	<5	40
143463	6	18.9	40.5	<50	80	<0.01	<10	<50	<5	60
143464	19	17.2	36.8	<50	120	0.21	110	<50	7	440
143465	21	19.4	41.5	<50	70	0.25	110	<50	8	340
143466	21	20.1	43.0	<50	60	0.25	120	<50	8	160
143467	20	20.3	43.4	<50	40	0.24	120	<50	8	160
143468	22	21.1	45.1	<50	70	0.26	140	<50	9	210
143469	21	20.9	44.8	<50	80	0.23	130	<50	8	200
143470	23	20.7	44.2	<50	250	0.24	130	<50	8	150
143471	19	22.0	47.0	<50	190	0.24	120	<50	8	150
143472	9	>25	59.7	<50	380	0.21	70	<50	9	40
143473	8	>25	56.8	<50	1080	0.23	70	<50	10	50
143474	14	18.5	39.6	<50	90	0.27	80	<50	7	170
143475	<5	22.7	48.6	<50	160	0.04	<10	<50	<5	60
143476	12	20.7	44.3	<50	310	0.20	70	<50	7	160
143477	8	>25	56.6	<50	440	0.18	60	<50	6	60
143478	15	22.1	47.2	<50	450	0.26	100	<50	8	140
143479	9	22.1	47.2	<50	390	0.17	70	<50	6	140

Certificate of Analysis

Work Order: VC111052

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 08, 2011

P.O. No.	:	SAMPLE ID: 143480-143561
Project No.	:	-
No. Of Samples	:	82
Date Submitted	:	Jul 28, 2011
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By : ________________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143480	6.16	<30	150	<5	1.0	<10	970	60	<10	5.29
143481	0.44	<30	130	<5	<0.1	<10	30	<10	<10	0.21
143482	3.30	<30	70	<5	1.3	<10	1920	90	40	5.46
143483	0.22	<30	20	<5	2.8	<10	2150	100	30	4.82
143484	0.16	<30	<10	<5	2.7	<10	2540	100	50	4.68
143485	2.10	<30	20	<5	1.4	<10	2230	90	90	5.64
143486	5.64	<30	230	<5	1.5	<10	1240	70	80	6.04
143487	9.78	<30	520	<5	0.6	<10	30	40	40	6.30
143488	8.78	<30	100	<5	0.2	<10	1080	60	60	6.73
143489	0.22	<30	30	<5	1.5	<10	3330	130	50	5.86
143490	0.27	<30	20	<5	1.7	<10	2830	110	<10	5.15
143491	10.4	<30	890	<5	1.0	<10	200	40	20	6.30
143492	10.5	<30	800	<5	1.7	<10	60	40	60	7.59
143493	10.7	<30	650	<5	0.8	<10	40	40	110	7.94
143494	0.20	<30	10	<5	1.9	<10	2750	100	10	5.19
143495	0.19	<30	20	<5	1.5	<10	4570	100	<10	4.70
143496	0.16	<30	50	<5	0.2	<10	2160	80	20	3.37
143497	0.18	<30	50	<5	1.3	<10	2850	100	10	4.77
143498	4.13	<30	160	<5	0.4	<10	1580	60	<10	5.19
143499	2.81	<30	10	<5	0.7	<10	1670	90	50	4.96
143500	0.21	<30	<10	<5	0.6	<10	5730	120	<10	5.05
143501	0.50	<30	130	<5	<0.1	<10	40	<10	<10	0.27
143502	0.14	<30	<10	<5	0.8	<10	3010	110	<10	4.72
143503	0.12	<30	<10	<5	0.3	<10	2670	110	<10	5.45
143504	0.12	<30	<10	<5	0.4	<10	2340	110	<10	5.01
143505	0.16	<30	<10	<5	0.3	<10	3380	110	<10	4.63
143506	0.14	<30	<10	<5	0.2	<10	2270	110	<10	5.12
143507	0.14	<30	<10	<5	0.1	<10	2630	100	<10	4.97
143508	0.15	<30	<10	<5	0.3	<10	2580	110	90	5.16
143509	0.16	<30	<10	<5	0.2	<10	2730	110	<10	4.63
143510	0.17	<30	<10	<5	0.1	<10	2280	100	<10	4.77
143511	0.13	<30	<10	<5	0.9	<10	3280	110	<10	4.93
143512	0.16	<30	<10	<5	0.2	<10	3550	110	<10	5.05
143513	0.12	<30	<10	<5	0.1	<10	2700	110	10	4.99
143514	0.12	<30	<10	<5	0.1	<10	3530	110	<10	4.78
143515	0.13	<30	<10	<5	0.2	<10	2920	120	<10	6.15
143516	0.14	<30	<10	<5	0.1	<10	2740	110	<10	5.38
143517	0.12	<30	<10	<5	0.2	<10	3330	120	<10	5.61
143518	0.13	<30	<10	<5	0.1	<10	2850	130	30	5.62
143519	0.13	<30	<10	<5	0.3	<10	4410	120	10	5.07
143520	0.12	<30	<10	<5	0.7	<10	3660	120	<10	5.24
143521	0.41	<30	120	<5	<0.1	<10	30	<10	20	0.25
143522	0.08	<30	<10	<5	0.3	<10	2410	120	<10	5.44

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
143523	0.17	<30	<10	<5	0.3	<10	2210	100	90	4.71
143524	0.13	<30	<10	<5	0.3	<10	3320	120	20	5.12
143525	0.12	<30	<10	<5	0.2	<10	2840	120	<10	5.11
143526	8.72	<30	600	<5	0.6	<10	540	50	<10	6.49
143527	0.12	<30	<10	<5	0.4	<10	3040	120	<10	5.79
143528	0.54	<30	100	<5	0.1	<10	3050	110	20	4.87
143529	0.10	<30	<10	<5	<0.1	<10	2530	120	10	5.52
143530	0.13	<30	<10	<5	0.8	<10	2300	110	50	5.67
143531	0.15	<30	<10	<5	0.4	<10	2960	110	<10	5.31
143532	0.15	<30	<10	<5	<0.1	<10	3350	120	<10	5.18
143533	0.14	<30	<10	<5	0.5	<10	2470	110	<10	4.96
143534	0.15	<30	<10	<5	0.4	<10	2740	110	<10	5.01
143535	0.12	<30	<10	<5	0.1	<10	3220	120	20	5.14
143536	0.15	<30	<10	<5	0.2	<10	3210	120	<10	5.19
143537	0.12	<30	<10	<5	0.7	<10	2070	100	10	4.90
143538	0.12	<30	<10	<5	0.1	<10	2540	110	<10	5.46
143539	0.30	<30	30	<5	0.2	<10	3150	110	<10	5.42
143540	0.12	<30	<10	<5	0.2	<10	2790	120	<10	5.37
143541	0.42	<30	120	<5	<0.1	<10	30	<10	<10	0.24
143542	0.11	<30	<10	<5	0.2	<10	3020	120	<10	5.44
143543	0.23	<30	<10	<5	0.3	<10	3390	110	<10	5.05
143544	0.18	<30	<10	<5	0.1	<10	2920	120	<10	5.32
143545	0.13	<30	<10	<5	0.3	<10	2600	120	<10	5.14
143546	0.16	<30	<10	<5	<0.1	<10	2430	110	10	4.99
143547	0.14	<30	<10	<5	<0.1	<10	3310	120	<10	5.04
143548	0.14	<30	<10	<5	2.0	<10	2060	80	20	4.46
143549	0.15	<30	<10	<5	0.4	<10	2860	120	<10	5.25
143550	0.12	<30	<10	<5	0.1	<10	2760	120	<10	5.05
143551	0.14	<30	<10	<5	0.2	<10	2860	120	<10	5.38
143552	0.15	<30	<10	<5	0.2	<10	2880	110	20	5.41
143553	0.13	<30	<10	<5	0.1	<10	2950	120	<10	4.98
143554	0.18	<30	<10	<5	0.3	<10	2870	110	<10	5.21
143555	0.13	<30	<10	<5	1.0	<10	2860	110	10	5.53
143556	1.41	<30	100	<5	0.7	<10	2070	90	<10	5.31
143557	0.92	<30	50	<5	0.9	<10	2960	110	20	5.21
143558	0.16	<30	60	<5	0.4	<10	2030	70	20	5.00
143559	0.99	<30	40	<5	5.6	<10	1620	50	20	4.22
143560	0.12	<30	30	<5	2.3	<10	2360	100	<10	4.67
143561	0.55	<30	140	<5	<0.1	<10	210	<10	<10	0.27

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143480	0.5	<10	<10	12.8	1200	<10	790	0.06	<20	<50
143481	0.2	<10	<10	0.04	30	<10	<10	<0.01	<20	<50
143482	0.2	<10	<10	18.6	1080	<10	1670	0.03	<20	<50
143483	<0.1	<10	<10	21.6	1010	<10	2000	<0.01	<20	<50
143484	<0.1	<10	<10	21.0	1030	<10	2070	<0.01	<20	<50
143485	<0.1	<10	<10	18.2	860	<10	1600	0.01	<20	<50
143486	0.9	<10	110	12.4	1060	<10	1030	0.05	<20	<50
143487	2.1	<10	80	5.05	950	<10	30	0.10	<20	<50
143488	0.4	<10	50	16.3	1330	<10	740	0.07	<20	<50
143489	<0.1	<10	<10	21.1	850	<10	2550	<0.01	<20	<50
143490	<0.1	<10	<10	22.7	850	<10	2030	<0.01	<20	<50
143491	2.1	<10	<10	8.49	4740	<10	180	0.07	<20	<50
143492	2.3	<10	<10	4.79	4020	<10	40	0.08	<20	<50
143493	1.8	<10	<10	7.71	3150	<10	40	0.09	<20	<50
143494	<0.1	<10	<10	22.1	1100	<10	2040	<0.01	<20	<50
143495	<0.1	<10	<10	21.0	1120	<10	1900	<0.01	<20	<50
143496	<0.1	<10	<10	20.9	1400	<10	1640	<0.01	90	<50
143497	<0.1	<10	180	20.6	1100	<10	2060	<0.01	<20	<50
143498	0.4	<10	160	14.5	2270	<10	1000	0.06	<20	<50
143499	<0.1	<10	<10	22.8	1140	<10	1470	0.02	<20	<50
143500	<0.1	<10	<10	22.7	900	<10	2080	<0.01	<20	<50
143501	0.2	<10	<10	0.16	30	<10	20	<0.01	<20	<50
143502	<0.1	<10	<10	23.7	910	<10	2130	<0.01	<20	<50
143503	<0.1	<10	2280	25.0	890	<10	2150	<0.01	<20	<50
143504	<0.1	<10	350	25.7	920	<10	2180	<0.01	<20	<50
143505	<0.1	<10	60	23.5	1030	<10	2220	<0.01	<20	<50
143506	<0.1	<10	100	25.3	790	<10	2030	<0.01	<20	<50
143507	<0.1	<10	<10	25.3	850	<10	2010	<0.01	<20	<50
143508	<0.1	<10	20	24.4	940	<10	2110	<0.01	<20	<50
143509	<0.1	<10	<10	23.1	950	<10	2180	<0.01	20	<50
143510	<0.1	<10	100	24.9	800	<10	2060	<0.01	<20	<50
143511	<0.1	<10	<10	22.0	1090	<10	2080	<0.01	<20	<50
143512	<0.1	<10	<10	23.9	990	<10	2130	<0.01	20	<50
143513	<0.1	<10	<10	23.2	930	<10	2200	<0.01	<20	<50
143514	<0.1	<10	<10	24.5	920	<10	2050	<0.01	<20	<50
143515	<0.1	<10	40	25.1	1030	<10	2080	<0.01	<20	<50
143516	<0.1	<10	80	25.2	830	<10	2120	<0.01	<20	<50
143517	<0.1	<10	20	23.4	1010	<10	2090	<0.01	<20	<50
143518	<0.1	<10	90	24.5	880	<10	2350	<0.01	60	<50
143519	<0.1	<10	60	23.9	990	<10	2380	<0.01	<20	<50
143520	<0.1	<10	<10	22.7	1280	<10	2190	<0.01	<20	<50
143521	0.2	<10	<10	0.06	20	<10	10	<0.01	<20	<50
143522	<0.1	<10	60	25.2	940	<10	2280	<0.01	<20	<50

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
143523	<0.1	<10	120	21.3	1370	<10	1920	<0.01	20	<50
143524	<0.1	<10	160	23.2	1100	<10	2230	<0.01	<20	<50
143525	<0.1	<10	160	25.7	900	<10	2130	<0.01	<20	<50
143526	0.5	<10	180	13.8	2720	<10	510	0.09	<20	<50
143527	<0.1	<10	190	25.2	1040	<10	2280	<0.01	<20	<50
143528	<0.1	<10	80	23.8	1090	<10	2200	<0.01	<20	<50
143529	<0.1	<10	40	26.1	940	<10	2360	<0.01	<20	<50
143530	<0.1	<10	100	23.2	1610	<10	2010	<0.01	<20	<50
143531	<0.1	<10	130	24.9	950	<10	2190	<0.01	<20	<50
143532	<0.1	<10	90	23.6	870	<10	2310	<0.01	<20	<50
143533	<0.1	<10	360	24.5	980	<10	1920	<0.01	<20	<50
143534	<0.1	<10	120	24.2	860	<10	2080	<0.01	<20	<50
143535	<0.1	<10	80	24.3	880	<10	2390	<0.01	<20	<50
143536	<0.1	<10	80	23.6	1010	<10	2180	<0.01	<20	<50
143537	<0.1	<10	20	24.0	1410	<10	2080	<0.01	<20	<50
143538	<0.1	<10	160	25.0	790	<10	2120	<0.01	<20	<50
143539	<0.1	<10	150	24.4	910	<10	2210	<0.01	<20	<50
143540	<0.1	<10	130	24.9	940	<10	2110	<0.01	<20	<50
143541	0.2	<10	<10	0.06	20	<10	10	<0.01	<20	<50
143542	<0.1	<10	150	22.9	990	<10	2200	<0.01	<20	<50
143543	<0.1	<10	120	23.1	1020	<10	2130	<0.01	<20	<50
143544	<0.1	<10	90	24.9	900	<10	2200	<0.01	<20	<50
143545	<0.1	<10	50	25.1	980	<10	2110	<0.01	<20	<50
143546	<0.1	<10	70	25.0	820	<10	2160	<0.01	<20	<50
143547	<0.1	<10	70	23.3	830	<10	2180	<0.01	<20	<50
143548	<0.1	<10	140	20.1	1190	<10	1690	<0.01	<20	<50
143549	<0.1	<10	210	23.4	940	<10	2320	<0.01	<20	<50
143550	<0.1	<10	50	22.6	810	<10	2200	<0.01	<20	<50
143551	<0.1	<10	70	24.5	870	<10	2250	<0.01	<20	<50
143552	<0.1	<10	20	24.2	880	<10	2070	<0.01	<20	<50
143553	<0.1	<10	<10	23.1	870	<10	2210	<0.01	<20	<50
143554	<0.1	<10	60	24.0	1030	<10	2070	<0.01	<20	<50
143555	<0.1	<10	70	22.0	1880	<10	2100	<0.01	<20	<50
143556	0.1	<10	70	18.8	1660	<10	1620	0.02	<20	<50
143557	<0.1	<10	40	19.0	1520	<10	1920	0.01	<20	<50
143558	<0.1	<10	<10	17.8	1020	<10	1490	<0.01	<20	<50
143559	<0.1	<10	70	15.8	1700	<10	1130	0.02	<20	<50
143560	<0.1	<10	30	21.0	1210	<10	1900	<0.01	<20	<50
143561	0.3	<10	<10	0.14	30	<10	20	<0.01	<20	<50

Final : VC111052 Order: SAMPLE ID: 143480-143561

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143480	13	24.2	51.8	<50	140	0.25	90	<50	11	70
143481	<5	>25	100.4	<50	<10	0.04	<10	<50	8	<10
143482	8	20.1	43.0	<50	40	0.13	50	<50	5	60
143483	<5	19.2	41.2	<50	80	<0.01	<10	<50	<5	40
143484	<5	20.6	44.0	<50	80	<0.01	<10	<50	<5	40
143485	9	23.0	49.3	<50	60	0.10	70	<50	<5	50
143486	17	23.9	51.1	<50	120	0.27	160	<50	8	60
143487	24	24.9	53.2	<50	180	0.51	270	<50	16	60
143488	26	15.9	34.0	<50	20	0.42	220	<50	11	110
143489	<5	20.6	44.0	<50	40	<0.01	<10	<50	<5	70
143490	<5	20.1	43.0	<50	40	<0.01	<10	<50	<5	50
143491	27	20.6	44.2	<50	370	0.44	230	<50	16	190
143492	34	22.2	47.5	<50	420	0.52	310	<50	17	210
143493	29	19.6	42.0	<50	250	0.50	290	<50	16	140
143494	<5	19.5	41.6	<50	70	<0.01	<10	<50	<5	50
143495	<5	18.3	39.2	<50	30	<0.01	10	<50	<5	80
143496	<5	22.9	49.0	<50	<10	<0.01	<10	<50	<5	480
143497	<5	19.6	41.8	<50	40	<0.01	<10	<50	<5	100
143498	7	24.8	53.0	<50	40	0.15	60	<50	6	190
143499	12	18.0	38.6	<50	60	0.14	70	<50	<5	50
143500	<5	18.0	38.5	<50	70	<0.01	<10	<50	<5	90
143501	<5	>25	99.3	<50	<10	0.04	<10	<50	7	10
143502	<5	16.5	35.3	<50	40	<0.01	<10	<50	<5	60
143503	<5	16.1	34.4	<50	20	<0.01	<10	<50	<5	50
143504	<5	16.3	34.8	<50	30	<0.01	<10	<50	<5	50
143505	<5	16.7	35.7	<50	30	<0.01	<10	<50	<5	70
143506	<5	16.9	36.3	<50	20	<0.01	<10	<50	<5	40
143507	<5	17.0	36.4	<50	<10	<0.01	<10	<50	<5	40
143508	<5	17.5	37.4	<50	30	<0.01	<10	<50	<5	110
143509	<5	18.3	39.2	<50	<10	<0.01	<10	<50	<5	110
143510	<5	18.0	38.4	<50	<10	<0.01	<10	<50	<5	40
143511	<5	16.8	36.0	<50	110	<0.01	<10	<50	<5	60
143512	<5	15.8	33.8	<50	<10	<0.01	<10	<50	<5	70
143513	<5	16.4	35.1	<50	<10	<0.01	<10	<50	<5	50
143514	<5	15.3	32.8	<50	<10	<0.01	<10	<50	<5	50
143515	<5	16.9	36.1	<50	10	<0.01	<10	<50	<5	50
143516	<5	17.0	36.3	<50	<10	<0.01	<10	<50	<5	50
143517	<5	15.1	32.2	<50	10	<0.01	<10	<50	<5	60
143518	<5	15.8	33.8	<50	10	<0.01	<10	<50	<5	60
143519	<5	16.6	35.4	<50	10	<0.01	<10	<50	<5	70
143520	<5	17.5	37.5	<50	30	<0.01	<10	<50	<5	110
143521	<5	>25	100.1	<50	<10	0.03	<10	<50	7	10
143522	<5	16.3	34.8	<50	<10	<0.01	<10	<50	<5	40

SGS

Final : VC111052 Order: SAMPLE ID: 143480-143561

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
143523	<5	21.8	46.6	<50	10	<0.01	<10	<50	<5	110
143524	<5	18.0	38.5	<50	10	<0.01	<10	<50	<5	70
143525	<5	17.2	36.7	<50	10	<0.01	<10	<50	<5	40
143526	16	18.4	39.4	<50	120	0.34	130	<50	15	150
143527	<5	16.0	34.1	<50	20	<0.01	<10	<50	<5	60
143528	<5	16.9	36.1	<50	<10	0.02	<10	<50	<5	70
143529	<5	15.7	33.6	<50	<10	<0.01	<10	<50	<5	50
143530	<5	17.8	38.2	<50	50	<0.01	<10	<50	<5	260
143531	<5	17.2	36.8	<50	30	<0.01	<10	<50	<5	60
143532	<5	16.9	36.2	<50	<10	<0.01	<10	<50	<5	50
143533	<5	17.5	37.4	<50	30	<0.01	<10	<50	<5	50
143534	<5	17.3	36.9	<50	40	<0.01	<10	<50	<5	50
143535	<5	16.4	35.1	<50	<10	<0.01	<10	<50	<5	50
143536	<5	17.2	36.7	<50	<10	<0.01	<10	<50	<5	50
143537	<5	16.3	34.8	<50	30	<0.01	<10	<50	<5	50
143538	<5	16.9	36.1	<50	10	<0.01	<10	<50	<5	50
143539	<5	17.1	36.6	<50	10	0.02	<10	<50	<5	60
143540	<5	16.9	36.2	<50	10	<0.01	<10	<50	<5	50
143541	<5	>25	96.2	<50	<10	0.03	<10	<50	7	<10
143542	<5	17.8	38.0	<50	10	<0.01	<10	<50	<5	70
143543	<5	18.0	38.5	<50	30	<0.01	<10	<50	<5	60
143544	<5	17.2	36.8	<50	<10	<0.01	<10	<50	<5	60
143545	<5	16.7	35.7	<50	20	<0.01	<10	<50	<5	60
143546	<5	16.9	36.1	<50	<10	<0.01	<10	<50	<5	50
143547	<5	17.3	36.9	<50	<10	<0.01	<10	<50	<5	40
143548	<5	21.9	46.8	<50	270	<0.01	<10	<50	<5	90
143549	<5	18.2	38.9	<50	60	<0.01	<10	<50	<5	50
143550	<5	17.3	37.0	<50	<10	<0.01	<10	<50	<5	60
143551	<5	17.2	36.8	<50	10	<0.01	<10	<50	<5	40
143552	<5	17.5	37.4	<50	10	<0.01	<10	<50	<5	40
143553	<5	16.5	35.4	<50	10	<0.01	<10	<50	<5	50
143554	<5	18.2	38.9	<50	20	<0.01	<10	<50	<5	60
143555	<5	19.3	41.3	<50	60	<0.01	<10	<50	<5	90
143556	<5	20.5	43.9	<50	90	0.04	<10	<50	<5	100
143557	<5	21.0	44.9	<50	50	0.03	<10	<50	<5	90
143558	<5	22.5	48.0	<50	20	<0.01	<10	<50	<5	110
143559	<5	19.9	42.6	<50	80	0.03	<10	<50	<5	130
143560	<5	17.1	36.6	<50	210	<0.01	<10	<50	<5	70
143561	<5	>25	90.3	<50	<10	0.04	<10	<50	7	<10

Element	WtKg
Method	WGH79
Det.Lim.	0.001
Units	kg
143480	3.385
143481	0.875
143482	3.595
143483	5.605
143484	4.775
143485	3.020
143486	4.175
143487	4.550
143488	1.375
143489	5.450
143490	7.250
143491	4.065
143492	5.310
143493	2.265
143494	4.300
143495	3.665
143496	1.030
143497	3.345
143498	3.895
143499	4.815
143500	5.490
143501	1.150
143502	4.830
143503	4.645
143504	5.065
143505	4.710
143506	5.170
143507	4.970
143508	4.845
143509	4.960
143510	5.170
143511	4.385
143512	5.080
143513	5.350
143514	4.645
143515	4.695
143516	4.550
143517	2.535
143518	3.755
143519	5.355
143520	4.220
143521	1.035
143522	5.315

Element	WtKg
Method	WGH79
Det.Lim.	0.001
Units	kg
143523	1.870
143524	3.830
143525	3.040
143526	0.615
143527	5.440
143528	4.685
143529	2.680
143530	2.445
143531	4.725
143532	4.375
143533	5.030
143534	4.305
143535	5.700
143536	5.150
143537	4.865
143538	5.080
143539	4.730
143540	4.965
143541	1.175
143542	4.715
143543	4.755
143544	4.890
143545	4.775
143546	5.145
143547	2.765
143548	4.710
143549	3.885
143550	4.890
143551	5.665
143552	4.750
143553	5.130
143554	5.170
143555	1.695
143556	3.530
143557	3.145
143558	3.080
143559	2.010
143560	3.340
143561	1.215

Certificate of Analysis

Work Order: VC111083

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 08, 2011

P.O. No.	:	West High Yield Resources
Project No.	:	-
No. Of Samples	:	78
Date Submitted	:	Aug 03, 2011
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By : ________________________________

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143562	4.670	0.20	<30	<10	<5	0.1	<10	3950	120	<10
143563	3.980	0.33	<30	40	<5	0.3	<10	2860	110	<10
143564	5.225	0.18	<30	<10	<5	0.1	<10	2560	110	<10
143565	5.530	0.13	40	<10	<5	0.3	<10	2810	120	<10
143566	5.490	0.16	<30	<10	<5	0.1	<10	4170	120	<10
143567	5.190	0.12	50	<10	<5	0.2	<10	2800	120	<10
143568	5.155	0.13	50	<10	<5	<0.1	<10	2390	120	<10
143569	5.650	0.16	<30	<10	<5	0.2	<10	3180	120	<10
143570	5.010	0.62	<30	20	<5	0.5	<10	4330	120	<10
143571	5.155	0.16	<30	<10	<5	0.4	<10	3190	110	<10
143572	5.040	0.15	<30	<10	<5	0.1	<10	3560	120	<10
143573	5.290	0.14	<30	<10	<5	0.2	<10	2570	120	<10
143574	5.345	0.17	<30	<10	<5	0.2	<10	3260	110	<10
143575	5.135	0.17	30	<10	<5	0.3	<10	2470	110	<10
143576	5.275	0.17	<30	<10	<5	<0.1	<10	2740	110	20
143577	4.985	0.15	30	<10	<5	0.3	<10	3180	110	<10
143578	4.875	0.15	<30	<10	<5	0.5	<10	2530	110	<10
143579	4.620	0.15	<30	<10	<5	0.2	<10	2560	120	<10
143580	5.150	0.15	<30	<10	<5	0.3	<10	2110	110	30
143581	1.060	0.49	<30	120	<5	<0.1	<10	40	<10	<10
143582	4.755	0.19	<30	<10	<5	1.2	<10	2370	100	40
143583	4.740	0.62	<30	<10	<5	0.8	<10	2510	100	30
143584	5.750	0.12	<30	<10	<5	0.8	<10	2880	120	<10
143585	4.520	0.14	<30	<10	<5	0.3	<10	2680	110	20
143586	5.295	0.12	<30	<10	<5	0.6	<10	2580	110	10
143587	7.735	0.62	<30	<10	<5	2.0	<10	2780	100	20
143588	5.980	6.83	<30	350	<5	2.5	<10	970	60	20
143589	5.265	9.12	<30	980	<5	2.1	<10	240	40	20
143590	4.835	9.21	<30	680	<5	2.7	<10	340	40	20
143591	4.770	9.50	<30	860	<5	2.9	<10	180	30	<10
143592	4.310	10.1	<30	750	<5	1.9	<10	140	40	<10
143593	4.865	10.6	<30	770	<5	1.5	<10	110	40	<10
143594	4.475	10.5	<30	610	<5	2.1	<10	400	50	<10
143595	2.335	5.55	<30	80	<5	2.4	<10	1000	50	20
143596	4.510	0.43	<30	30	<5	2.2	<10	2360	100	10
143597	6.255	3.74	<30	210	<5	2.7	<10	1620	100	<10
143598	5.330	9.40	<30	830	<5	2.3	<10	80	40	10
143599	5.460	9.58	<30	740	<5	3.0	<10	130	40	10
143600	6.160	10.0	<30	370	<5	1.1	<10	100	40	60
143601	1.040	0.43	<30	90	<5	<0.1	<10	20	<10	10
143602	4.830	11.6	<30	30	<5	0.7	<10	100	50	10
143603	4.585	4.75	<30	10	<5	1.4	<10	1990	90	70
143604	5.295	0.28	<30	<10	<5	0.7	<10	2760	130	<10

SGS

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143605	5.700	0.47	<30	<10	<5	0.7	<10	2970	130	<10
143606	5.050	0.21	<30	<10	<5	0.4	<10	2800	120	<10
143607	5.220	0.22	<30	<10	<5	0.3	<10	3400	130	<10
143608	5.055	0.22	<30	<10	<5	0.2	<10	2920	120	<10
143609	5.520	0.20	<30	<10	<5	0.3	<10	3020	130	<10
143610	5.025	0.17	<30	<10	<5	0.2	<10	2930	110	<10
143611	5.320	0.13	<30	<10	<5	0.2	<10	3030	120	<10
143612	5.055	0.13	<30	<10	<5	0.2	<10	2950	120	<10
143613	5.040	0.13	<30	<10	<5	0.2	<10	2820	120	<10
143614	5.250	0.15	<30	<10	<5	0.2	<10	2710	110	<10
143615	5.580	0.16	<30	<10	<5	0.2	<10	3020	120	<10
143616	5.155	0.14	<30	<10	<5	0.2	<10	2970	110	<10
143617	4.420	0.15	<30	<10	<5	0.4	<10	2630	120	<10
143618	5.220	0.15	<30	<10	<5	0.2	<10	3150	110	<10
143619	5.240	0.18	<30	<10	<5	0.2	<10	2860	110	<10
143620	4.665	0.16	<30	<10	<5	0.4	<10	2720	110	<10
143621	1.160	0.38	<30	90	<5	<0.1	<10	30	<10	<10
143622	4.915	0.19	<30	<10	<5	0.3	<10	2060	100	<10
143623	5.235	0.17	<30	<10	<5	0.2	<10	2500	120	<10
143624	4.710	0.14	<30	<10	<5	0.2	<10	3130	110	<10
143625	5.245	0.12	<30	<10	<5	0.5	<10	2890	120	<10
143626	5.020	0.15	<30	<10	<5	0.2	<10	2990	110	<10
143627	5.290	0.14	<30	<10	<5	0.4	<10	2860	120	<10
143628	5.340	0.14	<30	<10	<5	0.1	<10	2680	120	<10
143629	4.140	0.14	<30	<10	<5	0.1	<10	2950	130	<10
143630	5.260	0.14	<30	<10	<5	0.1	<10	2480	110	<10
143631	5.305	0.19	<30	<10	<5	0.5	<10	3430	120	<10
143632	5.185	0.16	<30	<10	<5	0.1	<10	2550	130	<10
143633	5.725	0.15	<30	<10	<5	0.2	<10	3730	130	<10
143634	4.900	0.17	<30	<10	<5	0.1	<10	3500	130	<10
143635	4.115	0.15	<30	<10	<5	0.7	<10	2210	120	<10
143636	5.100	0.14	<30	<10	<5	0.1	<10	2530	120	<10
143637	5.135	0.18	<30	<10	<5	<0.1	<10	2680	120	<10
143638	4.865	0.16	<30	<10	<5	0.1	<10	2750	120	<10
143639	4.340	0.14	<30	<10	<5	0.1	<10	2900	130	<10

Element Method Det.Lim. Units	Fe @ICP90A 0.01 %	K @ICP90A 0.1 %	La @ICP90A 10 ppm	Li @ICP90A 10 ppm	Mg @ICP90A 0.01 %	Mn @ICP90A 10 ppm	Mo @ICP90A 10 ppm	Ni @ICP90A 10 ppm	P @ICP90A 0.01 %	Pb @ICP90A 20 ppm
143562	5.64	<0.1	<10	<10	25.7	900	<10	2350	<0.01	<20
143563	5.50	<0.1	<10	<10	25.9	860	<10	2240	<0.01	<20
143564	5.50	<0.1	<10	<10	25.5	690	<10	2090	<0.01	<20
143565	5.46	<0.1	<10	<10	23.7	960	<10	2350	0.01	<20
143566	5.62	<0.1	<10	<10	24.4	840	<10	2210	<0.01	<20
143567	5.63	<0.1	<10	<10	25.4	920	<10	2310	<0.01	<20
143568	5.39	<0.1	<10	<10	26.2	900	<10	2100	<0.01	<20
143569	5.63	<0.1	<10	<10	25.5	870	<10	2170	<0.01	<20
143570	6.16	<0.1	<10	<10	23.0	880	<10	2130	<0.01	<20
143571	5.72	<0.1	<10	<10	25.6	1000	<10	2140	<0.01	<20
143572	5.76	<0.1	<10	<10	24.7	870	<10	2160	<0.01	<20
143573	5.51	<0.1	<10	<10	25.0	880	<10	2100	<0.01	<20
143574	5.65	<0.1	<10	<10	25.1	1000	<10	2250	<0.01	<20
143575	5.11	<0.1	<10	<10	25.4	920	<10	2090	<0.01	<20
143576	5.62	<0.1	<10	<10	25.7	790	<10	2200	<0.01	<20
143577	5.49	<0.1	<10	<10	25.0	890	<10	2070	<0.01	<20
143578	5.08	<0.1	<10	<10	24.1	1130	<10	2020	<0.01	<20
143579	5.23	<0.1	<10	<10	25.8	910	<10	2230	<0.01	<20
143580	5.49	<0.1	<10	<10	24.8	870	<10	2100	<0.01	<20
143581	0.25	0.3	<10	<10	0.10	20	<10	10	<0.01	<20
143582	5.18	<0.1	<10	<10	23.1	710	<10	1980	<0.01	<20
143583	5.30	<0.1	<10	<10	23.5	980	<10	1900	<0.01	<20
143584	5.25	<0.1	<10	<10	25.8	1110	<10	2330	<0.01	<20
143585	5.16	<0.1	<10	<10	26.0	1030	<10	2190	<0.01	<20
143586	5.59	<0.1	<10	<10	25.4	1080	<10	2290	<0.01	<20
143587	5.58	<0.1	<10	<10	22.5	1070	<10	1970	<0.01	<20
143588	5.87	0.6	<10	60	11.7	1290	<10	700	0.07	<20
143589	6.35	2.1	<10	60	6.13	3190	<10	210	0.10	<20
143590	6.16	1.5	<10	40	5.66	3910	<10	300	0.09	<20
143591	5.84	2.0	<10	40	4.38	4100	<10	140	0.10	<20
143592	7.34	1.9	<10	70	6.24	5570	<10	160	0.15	20
143593	8.51	2.1	<10	90	6.27	6920	<10	130	0.14	<20
143594	8.96	1.2	30	90	7.05	8790	<10	220	0.25	30
143595	6.23	<0.1	<10	20	14.3	5380	<10	850	0.08	70
143596	4.58	<0.1	<10	<10	20.9	1310	<10	2050	<0.01	<20
143597	6.03	0.5	<10	30	14.6	2880	<10	1410	0.05	<20
143598	7.25	2.7	<10	50	5.01	1360	<10	50	0.09	<20
143599	7.66	2.5	<10	50	5.66	1330	<10	50	0.09	<20
143600	7.69	1.8	<10	110	10.3	1490	<10	150	0.08	<20
143601	0.23	0.3	<10	<10	0.04	20	<10	10	0.01	<20
143602	8.28	0.2	<10	40	18.3	1980	<10	50	0.09	<20
143603	6.51	0.1	<10	<10	23.1	1120	<10	1180	0.04	<20
143604	5.76	0.1	<10	<10	27.1	760	<10	2110	0.01	<20

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143605	6.06	0.1	<10	<10	27.8	820	<10	2280	<0.01	<20
143606	6.05	<0.1	<10	<10	26.6	860	<10	2170	<0.01	<20
143607	6.05	<0.1	<10	<10	28.2	900	<10	2240	0.01	<20
143608	5.39	<0.1	<10	<10	27.9	890	<10	2190	<0.01	<20
143609	6.08	0.1	<10	<10	28.1	1070	<10	2300	<0.01	<20
143610	6.16	<0.1	<10	<10	25.7	920	<10	2070	<0.01	<20
143611	5.53	<0.1	<10	10	26.7	950	<10	2200	<0.01	<20
143612	5.80	<0.1	<10	10	26.0	950	<10	2020	<0.01	<20
143613	5.82	<0.1	<10	10	25.8	910	<10	2190	<0.01	<20
143614	5.88	<0.1	<10	<10	26.1	820	<10	2030	<0.01	<20
143615	5.70	<0.1	<10	<10	26.1	950	<10	2170	<0.01	<20
143616	5.46	<0.1	<10	<10	26.3	920	<10	2140	<0.01	<20
143617	5.34	<0.1	<10	<10	24.8	940	<10	2020	<0.01	<20
143618	5.66	<0.1	<10	20	26.4	910	<10	2090	<0.01	<20
143619	5.64	<0.1	<10	<10	25.8	910	<10	2070	<0.01	<20
143620	5.47	<0.1	<10	<10	25.1	990	<10	2060	<0.01	<20
143621	0.27	0.2	<10	<10	0.09	20	<10	10	0.01	<20
143622	5.29	<0.1	<10	20	23.7	1010	<10	1900	<0.01	<20
143623	5.55	<0.1	<10	<10	25.7	1040	<10	2060	<0.01	<20
143624	5.60	<0.1	<10	<10	24.9	880	<10	2140	<0.01	<20
143625	5.73	<0.1	<10	<10	24.3	920	<10	2070	<0.01	<20
143626	5.62	<0.1	<10	<10	25.0	900	<10	1980	<0.01	<20
143627	5.89	<0.1	<10	20	26.8	940	<10	2260	<0.01	<20
143628	5.60	<0.1	<10	<10	27.0	820	<10	2240	<0.01	<20
143629	5.68	<0.1	<10	20	27.2	870	<10	2180	<0.01	<20
143630	5.34	<0.1	<10	20	27.4	840	<10	2170	<0.01	<20
143631	5.51	<0.1	<10	10	26.8	980	<10	2250	<0.01	<20
143632	5.38	<0.1	<10	20	27.2	880	<10	2250	<0.01	<20
143633	5.77	<0.1	<10	<10	26.9	980	<10	2170	<0.01	<20
143634	5.30	<0.1	<10	30	26.3	840	<10	2260	<0.01	<20
143635	5.23	<0.1	<10	<10	26.4	940	<10	2360	<0.01	<20
143636	5.71	<0.1	<10	10	27.4	920	<10	2290	<0.01	<20
143637	5.52	<0.1	<10	20	26.9	890	<10	2250	<0.01	<20
143638	5.43	<0.1	<10	<10	27.5	890	<10	2320	<0.01	<20
143639	5.28	<0.1	<10	<10	27.0	950	<10	2420	<0.01	<20

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143562	<50	<5	17.0	36.3	<50	10	<0.01	<10	<50	<5
143563	<50	<5	17.1	36.5	<50	30	0.02	<10	<50	<5
143564	<50	<5	18.0	38.5	<50	<10	<0.01	<10	<50	<5
143565	<50	<5	18.3	39.2	<50	10	<0.01	<10	<50	<5
143566	<50	<5	17.8	38.1	<50	<10	<0.01	<10	<50	<5
143567	<50	<5	16.3	34.9	<50	20	<0.01	<10	<50	<5
143568	<50	<5	15.7	33.6	<50	20	<0.01	<10	<50	<5
143569	<50	<5	17.3	36.9	<50	20	<0.01	<10	<50	<5
143570	<50	<5	19.0	40.6	<50	20	0.03	10	<50	<5
143571	<50	<5	16.6	35.5	<50	20	<0.01	<10	<50	<5
143572	<50	<5	17.4	37.2	<50	10	<0.01	<10	<50	<5
143573	<50	<5	17.7	37.8	<50	10	<0.01	<10	<50	<5
143574	<50	<5	15.4	33.0	<50	10	<0.01	<10	<50	<5
143575	<50	<5	18.4	39.3	<50	20	<0.01	<10	<50	<5
143576	<50	<5	17.8	38.0	<50	<10	<0.01	<10	<50	<5
143577	<50	<5	17.0	36.3	<50	20	<0.01	<10	<50	<5
143578	<50	<5	15.1	32.4	<50	20	<0.01	<10	<50	<5
143579	<50	<5	17.3	36.9	<50	10	<0.01	<10	<50	<5
143580	<50	<5	16.5	35.2	<50	10	<0.01	<10	<50	<5
143581	<50	<5	>25	103.2	<50	<10	0.03	<10	<50	7
143582	<50	<5	17.3	36.9	<50	40	<0.01	<10	<50	<5
143583	<50	<5	18.5	39.5	<50	20	0.03	<10	<50	<5
143584	<50	<5	18.0	38.5	<50	50	<0.01	<10	<50	<5
143585	<50	<5	18.2	39.0	<50	10	<0.01	<10	<50	<5
143586	<50	<5	15.6	33.3	<50	<10	<0.01	<10	<50	<5
143587	<50	<5	18.6	39.8	<50	30	0.03	10	<50	<5
143588	<50	15	23.5	50.3	<50	320	0.28	110	<50	11
143589	<50	17	23.9	51.1	<50	450	0.36	160	<50	15
143590	<50	18	24.6	52.6	<50	470	0.37	150	<50	16
143591	<50	17	24.4	52.2	<50	500	0.37	160	<50	16
143592	<50	19	21.6	46.1	<50	500	0.40	170	<50	17
143593	<50	21	19.1	40.9	<50	400	0.41	180	<50	18
143594	<50	23	19.1	40.8	<50	440	0.51	200	<50	21
143595	<50	17	21.3	45.6	<50	40	0.28	140	<50	8
143596	<50	<5	17.4	37.2	<50	40	<0.01	<10	<50	<5
143597	<50	11	19.5	41.6	<50	130	0.19	80	<50	7
143598	<50	34	23.5	50.2	<50	410	0.50	280	<50	15
143599	<50	37	22.8	48.8	<50	610	0.50	290	<50	14
143600	<50	39	19.8	42.3	<50	400	0.53	300	<50	16
143601	<50	<5	>25	94.8	<50	<10	0.03	<10	<50	7
143602	<50	39	14.1	30.2	<50	50	0.53	310	<50	15
143603	<50	18	17.4	37.2	<50	50	0.25	110	<50	6
143604	<50	<5	18.5	39.5	<50	30	0.01	<10	<50	<5

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143605	<50	<5	18.4	39.4	<50	30	0.02	<10	<50	<5
143606	<50	<5	16.2	34.6	<50	20	<0.01	<10	<50	<5
143607	<50	<5	16.9	36.2	<50	10	<0.01	<10	<50	<5
143608	<50	<5	17.5	37.5	<50	<10	<0.01	<10	<50	<5
143609	<50	<5	14.0	29.9	<50	<10	<0.01	<10	<50	<5
143610	<50	<5	18.6	39.9	<50	<10	<0.01	<10	<50	<5
143611	<50	<5	17.5	37.3	<50	<10	<0.01	<10	<50	<5
143612	<50	<5	18.6	39.8	<50	10	<0.01	<10	<50	<5
143613	<50	<5	19.1	40.8	<50	<10	<0.01	<10	<50	<5
143614	<50	<5	19.6	42.0	<50	10	<0.01	<10	<50	<5
143615	<50	<5	19.6	41.8	<50	10	<0.01	<10	<50	<5
143616	<50	<5	18.9	40.4	<50	20	<0.01	<10	<50	<5
143617	<50	<5	18.4	39.3	<50	30	<0.01	<10	<50	<5
143618	<50	<5	19.2	41.0	<50	10	<0.01	<10	<50	<5
143619	<50	<5	19.4	41.5	<50	10	<0.01	<10	<50	<5
143620	<50	<5	18.7	39.9	<50	20	<0.01	<10	<50	<5
143621	<50	<5	>25	104.0	<50	<10	0.03	<10	<50	7
143622	<50	<5	18.5	39.5	<50	20	<0.01	<10	<50	<5
143623	<50	<5	19.1	40.8	<50	10	<0.01	<10	<50	<5
143624	<50	<5	16.3	35.0	<50	<10	<0.01	<10	<50	<5
143625	<50	<5	18.0	38.5	<50	40	<0.01	<10	<50	<5
143626	<50	<5	17.7	37.8	<50	10	<0.01	<10	<50	<5
143627	<50	<5	15.3	32.8	<50	20	<0.01	<10	<50	<5
143628	<50	<5	18.3	39.1	<50	<10	<0.01	<10	<50	<5
143629	<50	<5	18.2	39.0	<50	<10	<0.01	<10	<50	<5
143630	<50	<5	18.3	39.1	<50	<10	<0.01	<10	<50	<5
143631	<50	<5	17.0	36.4	<50	30	<0.01	<10	<50	<5
143632	<50	<5	15.5	33.2	<50	<10	<0.01	<10	<50	<5
143633	<50	<5	17.7	37.9	<50	<10	<0.01	<10	<50	<5
143634	<50	<5	17.6	37.6	<50	<10	<0.01	<10	<50	<5
143635	<50	<5	17.2	36.7	<50	60	<0.01	<10	<50	<5
143636	<50	<5	17.6	37.6	<50	10	<0.01	<10	<50	<5
143637	<50	<5	18.1	38.8	<50	<10	<0.01	<10	<50	<5
143638	<50	<5	18.3	39.2	<50	<10	<0.01	<10	<50	<5
143639	<50	<5	16.8	35.9	<50	10	<0.01	<10	<50	<5

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143562	50
143563	40
143564	40
143565	30
143566	30
143567	20
143568	40
143569	40
143570	50
143571	40
143572	30
143573	40
143574	40
143575	30
143576	40
143577	40
143578	40
143579	40
143580	50
143581	<10
143582	30
143583	50
143584	40
143585	50
143586	50
143587	70
143588	90
143589	220
143590	240
143591	250
143592	320
143593	370
143594	420
143595	260
143596	90
143597	140
143598	90
143599	80
143600	60
143601	10
143602	100
143603	80
143604	40

Element Method Det.Lim. Units	Zn @ICP90A 10 ppm
143605	40
143606	40
143607	50
143608	50
143609	50
143610	50
143611	50
143612	40
143613	40
143614	40
143615	40
143616	40
143617	50
143618	50
143619	50
143620	50
143621	<10
143622	50
143623	40
143624	40
143625	40
143626	50
143627	40
143628	40
143629	40
143630	40
143631	50
143632	50
143633	50
143634	50
143635	50
143636	40
143637	40
143638	40
143639	40

Certificate of Analysis

Work Order: VC111092

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 08, 2011

P.O. No.	:	PO#:
Project No.	:	-
No. Of Samples	:	82
Date Submitted	:	Aug 09, 2011
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element Method Det.Lim. Units	WtKg WGH79 0.001 kg	Al @ICP90A 0.01 %	As @ICP90A 30 ppm	Ba @ICP90A 10 ppm	Be @ICP90A 5 ppm	Ca @ICP90A 0.1 %	Cd @ICP90A 10 ppm	Cr @ICP90A 10 ppm	Co @ICP90A 10 ppm	Cu @ICP90A 10 ppm
143640	3.645	0.28	<30	<10	<5	<0.1	<10	3610	120	20
143641	0.925	0.39	<30	110	<5	<0.1	<10	200	<10	<10
143642	3.605	0.19	<30	<10	<5	0.2	<10	3210	120	<10
143643	5.310	0.20	<30	<10	<5	0.5	<10	2760	110	<10
143644	5.575	0.19	<30	<10	<5	0.7	<10	4010	120	10
143645	5.325	0.14	<30	<10	<5	0.4	<10	3240	120	20
143646	5.260	0.18	<30	<10	<5	0.3	<10	3100	120	<10
143647	5.600	0.18	<30	<10	<5	0.3	<10	3100	120	<10
143648	5.235	0.16	<30	10	<5	0.2	<10	3280	120	10
143649	5.020	0.21	<30	20	<5	0.2	<10	5170	120	<10
143650	5.280	0.19	<30	20	<5	0.3	<10	2830	110	<10
143651	4.895	0.18	<30	30	<5	0.8	<10	2720	110	<10
143652	5.300	0.16	<30	30	<5	1.4	<10	2310	100	<10
143653	5.425	0.17	<30	10	<5	0.5	<10	2470	110	20
143654	5.665	0.14	<30	<10	<5	0.1	<10	3080	120	<10
143655	4.770	0.16	<30	20	<5	0.9	<10	2480	110	<10
143656	5.200	0.17	<30	20	<5	0.6	<10	2450	110	<10
143657	4.830	0.17	<30	<10	<5	0.6	<10	2900	100	<10
143658	5.165	0.17	<30	<10	<5	0.4	<10	2650	110	<10
143659	5.095	0.20	<30	<10	<5	0.5	<10	3220	130	40
143660	5.005	0.20	<30	<10	<5	0.8	<10	2330	110	10
143661	1.335	0.43	<30	90	<5	<0.1	<10	200	<10	<10
143662	4.980	0.21	<30	<10	<5	0.4	<10	2890	110	<10
143663	5.220	0.20	<30	<10	<5	0.5	<10	2610	110	<10
143664	5.030	0.67	<30	<10	<5	3.2	<10	2990	110	30
143665	4.700	0.17	<30	<10	<5	0.9	<10	2020	80	10
143666	5.205	0.22	<30	<10	<5	0.2	<10	2320	110	<10
143667	5.265	0.20	<30	<10	<5	0.4	<10	2420	110	<10
143668	4.835	0.23	<30	<10	<5	0.3	<10	2710	110	<10
143669	5.535	0.15	<30	<10	<5	0.7	<10	3040	110	<10
143670	5.175	0.19	<30	<10	<5	0.4	<10	2220	100	<10
143671	5.120	0.22	<30	<10	<5	0.7	<10	3210	110	<10
143672	5.125	0.20	<30	<10	<5	0.2	<10	2570	110	<10
143673	5.580	0.18	<30	<10	<5	0.2	<10	3060	110	10
143674	5.110	0.25	<30	<10	<5	0.3	<10	5000	120	<10
143675	5.070	0.16	<30	<10	<5	<0.1	<10	3640	120	<10
143676	5.095	0.15	<30	<10	<5	0.2	<10	3690	110	<10
143677	5.170	0.13	<30	<10	<5	0.3	<10	2390	110	<10
143678	5.105	0.13	<30	<10	<5	0.4	<10	2930	120	<10
143679	5.250	0.16	<30	<10	<5	0.1	<10	2870	120	<10
143680	4.825	0.18	<30	<10	<5	<0.1	<10	2930	110	<10
143681	1.305	0.36	<30	100	<5	<0.1	<10	170	<10	<10
143682	5.225	0.18	<30	<10	<5	0.3	<10	2620	110	<10

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143683	4.830	0.22	<30	<10	<5	0.5	<10	2340	100	<10
143684	4.650	1.49	<30	120	<5	1.2	<10	2270	100	<10
143685	5.635	0.15	<30	<10	<5	0.2	<10	2800	110	<10
143686	4.465	0.14	<30	<10	<5	0.4	<10	3060	110	<10
143687	4.925	0.13	<30	<10	<5	0.4	<10	2280	110	<10
143688	5.000	0.16	<30	<10	<5	0.4	<10	2980	110	<10
143689	5.115	0.16	<30	<10	<5	0.3	<10	2510	110	<10
143690	4.650	0.15	<30	<10	<5	0.4	<10	2570	110	<10
143691	4.900	0.14	<30	<10	<5	1.1	<10	2880	100	20
143692	5.185	0.17	<30	<10	<5	1.1	<10	3340	110	10
143693	4.685	0.13	<30	<10	<5	0.7	<10	2520	100	<10
143694	2.545	0.16	<30	<10	<5	1.3	<10	2200	100	10
143695	5.905	4.84	<30	<10	<5	1.1	<10	2310	80	10
143696	4.400	3.63	<30	30	<5	2.0	<10	1630	80	<10
143697	4.115	0.21	<30	<10	<5	1.4	<10	2680	100	10
143698	4.700	0.20	<30	<10	<5	0.6	<10	2590	110	<10
143699	4.775	0.19	<30	<10	<5	0.9	<10	2420	100	10
143700	4.190	0.17	<30	<10	<5	1.4	<10	2340	100	<10
143701	0.720	0.48	<30	90	<5	<0.1	<10	210	<10	<10
143702	4.785	0.22	<30	<10	<5	1.0	<10	2480	100	<10
143703	5.060	0.15	<30	<10	<5	0.6	<10	3160	120	<10
143704	5.135	0.14	<30	<10	<5	1.1	<10	2570	110	<10
143705	4.815	0.13	<30	<10	<5	0.2	<10	3030	110	<10
143706	4.915	0.13	<30	<10	<5	0.4	<10	2470	120	10
143707	5.170	0.16	<30	<10	<5	0.2	<10	2390	110	20
143708	5.295	0.16	<30	<10	<5	0.1	<10	2660	110	<10
143709	5.120	0.14	<30	<10	<5	0.2	<10	2550	110	30
143710	5.335	0.18	<30	<10	<5	<0.1	<10	2520	110	20
143711	4.965	0.14	<30	<10	<5	0.2	<10	2380	110	20
143712	4.850	0.14	<30	<10	<5	0.1	<10	2720	110	<10
143713	4.860	0.12	<30	<10	<5	1.1	<10	3870	110	<10
143714	4.420	0.15	<30	<10	<5	1.5	<10	2560	110	<10
143715	5.445	0.16	<30	<10	<5	3.0	<10	2200	90	<10
143716	4.665	0.14	<30	<10	<5	1.6	<10	2170	100	10
143717	5.140	0.16	<30	<10	<5	0.9	<10	3580	110	<10
143718	5.160	4.37	<30	20	<5	1.7	<10	1200	70	80
143719	5.175	4.98	<30	40	<5	0.6	<10	1960	80	120
143720	5.185	0.14	<30	<10	<5	<0.1	<10	2020	110	<10
143721	1.120	0.51	<30	80	<5	<0.1	<10	200	<10	<10

Final : VC111092 Order: PO#:

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143640	5.70	<0.1	<10	<10	24.0	1060	<10	2210	<0.01	<20
143641	0.28	0.2	<10	<10	0.11	20	<10	20	<0.01	20
143642	5.66	<0.1	<10	<10	24.9	1080	<10	2330	<0.01	<20
143643	5.34	<0.1	<10	<10	26.3	880	<10	2050	<0.01	<20
143644	5.41	<0.1	<10	<10	24.7	1040	<10	2250	<0.01	<20
143645	5.31	<0.1	<10	<10	25.4	1010	<10	2530	<0.01	<20
143646	5.06	<0.1	<10	<10	25.2	990	<10	2150	<0.01	<20
143647	5.76	<0.1	<10	<10	26.6	960	<10	2320	<0.01	<20
143648	5.19	<0.1	<10	<10	24.6	1060	<10	2150	<0.01	<20
143649	5.08	<0.1	<10	<10	24.7	1040	<10	2140	<0.01	40
143650	5.43	<0.1	<10	<10	25.7	1030	<10	2100	<0.01	<20
143651	5.20	<0.1	<10	<10	24.6	1130	<10	2010	<0.01	30
143652	4.70	<0.1	<10	<10	23.6	1200	<10	1750	<0.01	<20
143653	5.10	<0.1	<10	40	25.1	1150	<10	2090	<0.01	<20
143654	5.07	<0.1	<10	<10	24.1	970	<10	2190	<0.01	<20
143655	4.78	<0.1	<10	20	23.8	1220	<10	1890	<0.01	<20
143656	5.09	<0.1	<10	<10	23.9	1060	<10	2040	<0.01	<20
143657	4.96	<0.1	<10	<10	24.3	1090	<10	1950	<0.01	30
143658	5.21	<0.1	<10	<10	24.6	1100	<10	2080	<0.01	<20
143659	6.29	<0.1	<10	150	28.8	1230	<10	2510	<0.01	40
143660	5.28	<0.1	<10	<10	24.9	1150	<10	2000	<0.01	20
143661	0.34	0.2	<10	<10	0.14	20	<10	20	<0.01	<20
143662	5.21	<0.1	<10	80	24.6	860	<10	2130	<0.01	<20
143663	5.20	<0.1	<10	<10	24.3	870	<10	2110	<0.01	<20
143664	6.41	<0.1	<10	<10	22.6	1510	<10	2120	0.01	40
143665	4.42	<0.1	<10	<10	21.9	1410	<10	1550	<0.01	<20
143666	5.12	<0.1	<10	<10	24.6	860	<10	2030	<0.01	<20
143667	4.84	<0.1	<10	<10	23.8	800	<10	2070	<0.01	<20
143668	4.91	<0.1	<10	<10	24.2	900	<10	2090	<0.01	<20
143669	4.86	<0.1	<10	<10	22.4	1480	<10	2140	<0.01	<20
143670	4.69	<0.1	<10	<10	23.5	1170	<10	2010	<0.01	30
143671	5.24	<0.1	<10	<10	24.5	1410	<10	2030	<0.01	<20
143672	5.00	<0.1	<10	<10	25.7	970	<10	2080	<0.01	<20
143673	5.07	<0.1	<10	<10	24.2	960	<10	2070	<0.01	20
143674	5.17	<0.1	<10	<10	24.4	1020	<10	2330	<0.01	20
143675	5.50	<0.1	<10	<10	24.7	910	<10	2250	<0.01	<20
143676	5.03	<0.1	<10	<10	25.4	960	<10	2200	<0.01	<20
143677	4.95	<0.1	<10	<10	24.9	1030	<10	2100	<0.01	<20
143678	4.96	<0.1	<10	20	24.8	1080	<10	2210	<0.01	<20
143679	5.23	<0.1	<10	<10	25.8	910	<10	2220	<0.01	<20
143680	4.82	<0.1	<10	<10	23.7	910	<10	2190	<0.01	<20
143681	0.22	0.2	<10	<10	0.15	20	<10	20	<0.01	<20
143682	4.99	<0.1	<10	<10	24.3	890	<10	2040	<0.01	<20

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143683	4.84	<0.1	<10	<10	22.9	940	<10	1760	<0.01	<20
143684	5.33	0.3	<10	<10	21.6	1620	<10	1680	0.04	110
143685	5.08	<0.1	<10	<10	24.2	930	<10	2020	<0.01	<20
143686	5.05	<0.1	<10	<10	24.6	900	<10	2170	<0.01	<20
143687	5.61	<0.1	<10	<10	24.6	900	<10	2180	<0.01	<20
143688	4.77	<0.1	<10	<10	25.3	950	<10	2080	<0.01	<20
143689	5.19	<0.1	<10	<10	24.5	900	<10	2030	<0.01	<20
143690	5.11	<0.1	<10	<10	23.9	890	<10	2020	<0.01	<20
143691	4.83	<0.1	<10	<10	22.6	810	<10	1840	<0.01	<20
143692	5.14	<0.1	<10	<10	22.3	990	<10	1960	<0.01	<20
143693	5.02	<0.1	<10	<10	22.4	890	<10	1970	<0.01	<20
143694	4.55	<0.1	<10	<10	20.7	700	<10	1830	<0.01	<20
143695	5.58	<0.1	<10	<10	17.3	1470	<10	1330	0.04	<20
143696	5.66	<0.1	<10	<10	18.1	1550	<10	1290	0.03	40
143697	4.89	<0.1	<10	<10	21.2	870	<10	1990	<0.01	<20
143698	4.95	<0.1	<10	<10	23.2	890	<10	2090	<0.01	<20
143699	4.88	<0.1	<10	<10	23.3	840	<10	2020	<0.01	<20
143700	5.15	<0.1	<10	<10	22.0	780	<10	1650	<0.01	<20
143701	0.40	0.2	<10	<10	0.12	20	<10	20	<0.01	<20
143702	4.87	<0.1	<10	<10	23.1	830	<10	1950	<0.01	<20
143703	5.20	<0.1	<10	30	24.2	960	<10	2200	<0.01	<20
143704	5.51	<0.1	<10	<10	23.5	1100	<10	2000	<0.01	<20
143705	5.54	<0.1	<10	<10	24.0	900	<10	2020	<0.01	<20
143706	5.59	<0.1	<10	<10	25.4	910	<10	2000	<0.01	<20
143707	5.00	<0.1	<10	<10	25.4	860	<10	2100	<0.01	<20
143708	5.12	<0.1	<10	<10	24.9	870	<10	2170	<0.01	<20
143709	5.42	<0.1	<10	<10	25.4	920	<10	2170	<0.01	<20
143710	5.32	<0.1	<10	<10	25.4	890	<10	2150	<0.01	<20
143711	5.01	<0.1	<10	<10	25.5	870	<10	2140	<0.01	<20
143712	5.04	<0.1	<10	<10	25.1	840	<10	2110	<0.01	<20
143713	5.16	<0.1	<10	50	22.9	910	<10	2020	<0.01	20
143714	5.20	<0.1	<10	<10	22.4	950	<10	1960	<0.01	<20
143715	4.33	<0.1	<10	<10	21.2	960	<10	1670	<0.01	<20
143716	5.10	<0.1	<10	<10	22.5	930	<10	1920	<0.01	<20
143717	4.43	<0.1	<10	<10	22.1	1120	<10	2080	<0.01	<20
143718	5.00	0.1	<10	70	20.5	1310	<10	1060	0.04	<20
143719	6.47	<0.1	<10	<10	20.8	1360	<10	1210	0.04	<20
143720	5.44	<0.1	<10	<10	24.8	950	<10	2080	<0.01	<20
143721	0.40	0.3	<10	<10	0.13	20	<10	20	<0.01	<20

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143640	<50	7	20.1	42.9	<50	<10	<0.01	<10	<50	<5
143641	<50	<5	>25	93.7	<50	<10	0.03	<10	<50	6
143642	<50	<5	18.5	39.6	<50	<10	<0.01	<10	<50	<5
143643	<50	5	18.8	40.3	<50	90	<0.01	<10	<50	<5
143644	<50	<5	16.5	35.3	<50	70	<0.01	<10	<50	<5
143645	<50	<5	17.3	36.9	<50	20	<0.01	<10	<50	<5
143646	<50	<5	18.2	39.0	<50	20	<0.01	<10	<50	<5
143647	<50	<5	17.9	38.3	<50	20	<0.01	<10	<50	<5
143648	<50	<5	14.0	29.9	<50	<10	<0.01	<10	<50	<5
143649	<50	<5	16.0	34.2	<50	<10	<0.01	<10	<50	<5
143650	<50	<5	17.7	37.9	<50	20	<0.01	<10	<50	<5
143651	<50	<5	18.0	38.6	<50	30	<0.01	<10	<50	<5
143652	<50	<5	17.2	36.9	<50	60	<0.01	<10	<50	<5
143653	<50	<5	17.8	38.1	<50	30	<0.01	<10	<50	<5
143654	<50	<5	16.8	35.9	<50	<10	<0.01	<10	<50	<5
143655	<50	<5	17.8	38.0	<50	40	<0.01	<10	<50	<5
143656	<50	<5	18.1	38.6	<50	40	<0.01	<10	<50	<5
143657	<50	<5	18.2	39.0	<50	30	<0.01	<10	<50	<5
143658	<50	<5	16.8	35.8	<50	30	<0.01	<10	<50	<5
143659	<50	6	20.3	43.5	<50	40	<0.01	<10	<50	<5
143660	<50	5	18.9	40.4	<50	70	<0.01	<10	<50	<5
143661	<50	<5	>25	99.2	<50	<10	0.03	<10	<50	7
143662	<50	<5	18.0	38.6	<50	20	<0.01	<10	<50	<5
143663	<50	<5	16.6	35.5	<50	40	<0.01	<10	<50	<5
143664	<50	<5	17.6	37.5	<50	170	0.03	20	<50	<5
143665	<50	<5	19.9	42.6	<50	40	<0.01	<10	<50	<5
143666	<50	<5	16.1	34.4	<50	10	<0.01	<10	<50	<5
143667	<50	<5	17.0	36.4	<50	20	<0.01	<10	<50	<5
143668	<50	<5	17.9	38.3	<50	10	<0.01	<10	<50	<5
143669	<50	<5	16.8	36.0	<50	30	<0.01	<10	<50	<5
143670	<50	<5	18.9	40.5	<50	10	<0.01	<10	<50	<5
143671	<50	<5	17.6	37.6	<50	20	<0.01	<10	<50	<5
143672	<50	<5	17.2	36.7	<50	<10	<0.01	<10	<50	<5
143673	<50	<5	15.8	33.8	<50	<10	<0.01	<10	<50	<5
143674	<50	<5	16.6	35.5	<50	10	<0.01	<10	<50	<5
143675	<50	<5	17.3	37.0	<50	<10	<0.01	<10	<50	<5
143676	<50	<5	16.3	34.9	<50	<10	<0.01	<10	<50	<5
143677	<50	<5	17.5	37.5	<50	10	<0.01	<10	<50	<5
143678	<50	<5	17.3	37.1	<50	20	<0.01	<10	<50	<5
143679	<50	<5	16.9	36.2	<50	<10	<0.01	<10	<50	<5
143680	<50	<5	16.2	34.6	<50	<10	<0.01	<10	<50	<5
143681	<50	<5	>25	99.8	<50	<10	0.02	<10	<50	6
143682	<50	<5	14.9	31.8	<50	10	<0.01	<10	<50	<5

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143683	<50	<5	19.1	40.9	<50	30	<0.01	<10	<50	<5
143684	<50	5	16.2	34.7	<50	130	0.07	20	<50	<5
143685	<50	<5	14.7	31.5	<50	10	<0.01	<10	<50	<5
143686	<50	<5	17.0	36.3	<50	30	<0.01	<10	<50	<5
143687	<50	<5	16.4	35.0	<50	30	<0.01	<10	<50	<5
143688	<50	<5	14.9	31.8	<50	10	<0.01	<10	<50	<5
143689	<50	<5	17.3	36.9	<50	10	<0.01	<10	<50	<5
143690	<50	<5	15.6	33.4	<50	40	<0.01	<10	<50	<5
143691	<50	<5	19.7	42.2	<50	70	<0.01	<10	<50	<5
143692	<50	<5	19.7	42.1	<50	20	<0.01	<10	<50	<5
143693	<50	<5	18.7	40.0	<50	20	<0.01	<10	<50	<5
143694	<50	<5	20.9	44.8	<50	20	<0.01	<10	<50	<5
143695	<50	18	20.5	43.8	<50	20	0.24	120	<50	7
143696	<50	15	18.9	40.4	<50	50	0.20	90	<50	<5
143697	<50	<5	17.8	38.2	<50	60	<0.01	<10	<50	<5
143698	<50	<5	17.3	36.9	<50	40	<0.01	<10	<50	<5
143699	<50	<5	17.9	38.3	<50	40	<0.01	<10	<50	<5
143700	<50	5	18.9	40.3	<50	50	<0.01	<10	<50	<5
143701	<50	<5	>25	94.7	<50	<10	0.04	<10	<50	7
143702	<50	<5	18.4	39.4	<50	40	<0.01	<10	<50	<5
143703	<50	<5	17.7	37.8	<50	70	<0.01	<10	<50	<5
143704	<50	<5	14.7	31.4	<50	70	<0.01	<10	<50	<5
143705	<50	<5	15.5	33.2	<50	10	<0.01	<10	<50	<5
143706	<50	<5	14.6	31.3	<50	20	<0.01	<10	<50	<5
143707	<50	<5	14.9	31.9	<50	10	<0.01	<10	<50	<5
143708	<50	<5	17.4	37.2	<50	<10	<0.01	<10	<50	<5
143709	<50	<5	16.8	36.0	<50	<10	<0.01	<10	<50	<5
143710	<50	<5	17.0	36.4	<50	<10	<0.01	<10	<50	<5
143711	<50	<5	17.7	37.9	<50	70	<0.01	<10	<50	<5
143712	<50	<5	16.8	35.9	<50	<10	<0.01	<10	<50	<5
143713	<50	<5	13.1	28.1	<50	50	<0.01	<10	<50	<5
143714	<50	<5	16.8	35.9	<50	40	<0.01	<10	<50	<5
143715	<50	<5	15.0	32.1	<50	140	<0.01	<10	<50	<5
143716	<50	<5	17.6	37.6	<50	90	<0.01	<10	<50	<5
143717	<50	<5	18.6	39.9	<50	70	<0.01	<10	<50	<5
143718	<50	14	16.5	35.2	<50	60	0.22	110	<50	7
143719	<50	19	16.6	35.5	<50	40	0.26	130	<50	8
143720	<50	<5	20.0	42.8	<50	<10	<0.01	<10	<50	<5
143721	<50	<5	>25	95.2	<50	<10	0.03	<10	<50	9

Final : VC111092 Order: PO#:

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143640	50
143641	<10
143642	70
143643	50
143644	50
143645	50
143646	50
143647	40
143648	50
143649	70
143650	50
143651	70
143652	80
143653	50
143654	50
143655	60
143656	70
143657	60
143658	50
143659	100
143660	50
143661	<10
143662	30
143663	40
143664	70
143665	50
143666	40
143667	40
143668	40
143669	50
143670	40
143671	60
143672	40
143673	50
143674	60
143675	60
143676	60
143677	40
143678	50
143679	40
143680	50
143681	<10
143682	50

Final : VC111092 Order: PO#:

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143683	60
143684	130
143685	40
143686	40
143687	40
143688	50
143689	60
143690	50
143691	50
143692	60
143693	50
143694	40
143695	150
143696	130
143697	60
143698	50
143699	50
143700	60
143701	<10
143702	50
143703	50
143704	50
143705	50
143706	40
143707	40
143708	40
143709	40
143710	40
143711	40
143712	40
143713	40
143714	40
143715	60
143716	30
143717	50
143718	50
143719	70
143720	30
143721	<10

Certificate of Analysis

Work Order: VC111133

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Sep 07, 2011

P.O. No.	:	West High Yield Resources
Project No.	:	-
No. Of Samples	:	78
Date Submitted	:	Aug 11, 2011
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By : ________________________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143722	4.055	0.21	60	<10	<5	0.1	<10	3450	120	<10
143723	5.120	1.49	40	140	<5	0.5	<10	2550	100	30
143724	4.865	0.17	40	<10	<5	0.5	<10	2690	120	<10
143725	5.560	0.15	40	<10	<5	0.4	<10	2310	110	<10
143726	4.435	0.20	30	<10	<5	0.4	<10	3070	120	<10
143727	4.820	0.22	<30	<10	<5	0.4	<10	3030	120	<10
143728	5.020	1.85	<30	<10	<5	1.0	<10	2390	100	<10
143729	5.150	0.22	<30	<10	<5	0.3	<10	3590	110	<10
143730	5.085	0.21	<30	<10	<5	0.5	<10	2800	110	<10
143731	4.330	0.18	<30	<10	<5	0.6	<10	2410	110	<10
143732	4.625	0.20	<30	<10	<5	0.6	<10	2430	110	<10
143733	4.940	0.20	<30	<10	<5	0.2	<10	2460	110	<10
143734	4.845	0.17	<30	<10	<5	0.6	<10	2460	110	20
143735	5.370	0.18	<30	<10	<5	0.4	<10	2860	110	<10
143736	4.975	0.17	<30	<10	<5	0.9	<10	2830	120	<10
143737	5.100	0.30	<30	<10	<5	1.2	<10	2250	110	10
143738	4.705	0.18	<30	<10	<5	0.7	<10	2760	110	<10
143739	4.840	0.18	<30	<10	<5	0.6	<10	2230	100	<10
143740	5.300	0.19	<30	<10	<5	0.4	<10	2620	110	<10
143741	0.920	0.49	<30	150	<5	<0.1	<10	200	<10	20
143742	1.845	0.17	<30	30	<5	0.6	<10	4550	120	<10
143743	4.870	0.17	<30	<10	<5	0.8	<10	3410	110	<10
143744	5.175	0.20	<30	<10	<5	1.3	<10	5180	110	<10
143745	4.765	0.17	<30	<10	<5	1.6	<10	3110	130	<10
143746	3.410	5.79	<30	1030	<5	0.5	<10	1000	50	50
143747	3.035	10.7	<30	760	<5	0.3	<10	100	20	10
143748	5.060	1.52	<30	80	<5	1.5	<10	2450	110	<10
143749	4.805	0.21	<30	<10	<5	2.1	<10	2500	110	<10
143750	5.150	0.18	<30	<10	<5	0.4	<10	3260	120	<10
143751	5.050	0.17	<30	<10	<5	0.3	<10	2630	120	10
143752	5.165	0.15	<30	<10	<5	0.5	<10	2890	120	10
143753	4.770	0.16	<30	<10	<5	0.2	<10	3040	120	<10
143754	5.155	0.14	30	<10	<5	0.5	<10	2240	110	<10
143755	4.445	0.13	<30	<10	<5	1.4	<10	2140	90	<10
143756	4.995	0.13	<30	<10	<5	1.5	<10	2670	110	20
143757	5.035	0.18	<30	<10	<5	0.1	<10	2650	110	<10
143758	5.620	0.19	<30	<10	<5	<0.1	<10	2600	110	<10
143759	4.320	0.20	<30	<10	<5	0.1	<10	2680	120	<10
143760	5.150	0.71	<30	<10	<5	0.3	<10	2750	110	30
143761	1.265	0.35	<30	110	<5	<0.1	<10	180	<10	<10
143762	4.545	0.19	<30	<10	<5	0.3	<10	2460	100	20
143763	4.955	0.28	<30	<10	<5	0.2	<10	9570	120	<10
143764	4.945	0.16	<30	<10	<5	0.2	<10	2770	110	10

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
143765	5.060	0.17	30	<10	<5	0.3	<10	3070	110	10
143766	5.285	0.18	<30	<10	<5	0.2	<10	2380	110	20
143767	5.135	0.16	<30	<10	<5	0.1	<10	2760	110	20
143768	5.135	0.13	<30	<10	<5	0.2	<10	2420	110	10
143769	4.840	0.20	<30	<10	<5	0.5	<10	2450	100	50
143770	4.615	0.21	<30	<10	<5	0.6	<10	2560	100	20
143771	4.730	0.18	<30	<10	<5	0.3	<10	3180	110	10
143772	5.170	0.17	<30	<10	<5	0.1	<10	3110	110	20
143773	4.880	0.25	<30	<10	<5	0.2	<10	2680	120	<10
143774	4.935	0.18	<30	<10	<5	0.2	<10	4270	110	10
143775	5.410	0.20	<30	<10	<5	0.9	<10	3160	130	<10
143776	4.860	0.16	<30	<10	<5	0.2	<10	4220	120	10
143777	4.830	0.15	<30	<10	<5	0.3	<10	2690	110	10
143778	5.405	0.18	<30	<10	<5	0.2	<10	3060	120	<10
143779	5.260	0.18	<30	<10	<5	0.5	<10	3080	110	<10
143780	4.930	0.20	<30	<10	<5	0.2	<10	2460	100	<10
143781	1.100	0.52	<30	100	<5	<0.1	<10	200	<10	<10
143782	5.615	0.19	<30	<10	<5	0.3	<10	2590	100	<10
143783	5.020	0.24	<30	<10	<5	1.3	<10	5600	110	<10
143784	4.985	0.18	<30	<10	<5	0.2	<10	2610	110	<10
143785	5.860	0.22	<30	<10	<5	0.2	<10	2780	120	<10
143786	4.440	0.24	<30	<10	<5	0.1	<10	2250	110	<10
143787	5.285	0.17	<30	<10	<5	0.2	<10	2730	110	<10
143788	4.795	0.15	<30	<10	<5	0.5	<10	2620	120	<10
143789	4.895	0.16	<30	<10	<5	0.2	<10	2830	110	<10
143790	4.575	0.18	<30	<10	<5	0.3	<10	3050	110	<10
143791	5.275	0.16	<30	<10	<5	1.1	<10	2650	100	<10
143792	5.050	0.16	<30	<10	<5	2.0	<10	2740	100	<10
143793	4.925	0.36	<30	<10	<5	1.1	<10	1920	100	<10
143794	5.300	0.16	<30	<10	<5	3.3	<10	2580	110	20
143795	5.235	0.18	<30	<10	<5	2.7	<10	2610	120	<10
143796	5.280	0.19	<30	<10	<5	2.8	<10	3250	120	<10
143797	4.845	0.19	<30	<10	<5	3.3	<10	2450	110	<10
143798	5.075	3.34	<30	20	<5	5.6	<10	1970	90	20
143799	7.175	5.27	<30	40	<5	5.4	<10	1910	90	50

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143722	5.20	<0.1	<10	<10	21.4	890	<10	2050	<0.01	<20
143723	5.65	<0.1	<10	<10	21.9	1070	<10	1790	0.01	30
143724	5.36	<0.1	<10	<10	23.4	950	<10	2240	<0.01	20
143725	4.71	<0.1	<10	<10	21.9	930	<10	1760	<0.01	<20
143726	5.37	<0.1	<10	<10	23.8	910	<10	2020	<0.01	<20
143727	5.77	<0.1	<10	10	24.5	760	<10	2020	<0.01	<20
143728	5.59	<0.1	<10	30	21.7	2440	<10	1710	0.04	<20
143729	5.23	<0.1	<10	<10	23.9	860	<10	1980	<0.01	<20
143730	5.52	<0.1	<10	<10	23.8	1000	<10	2020	<0.01	30
143731	5.15	<0.1	<10	<10	23.6	970	<10	2030	<0.01	<20
143732	5.10	<0.1	<10	<10	23.9	920	<10	1950	<0.01	<20
143733	5.23	<0.1	<10	<10	23.8	760	<10	1970	<0.01	<20
143734	5.47	<0.1	<10	<10	24.1	960	<10	2030	<0.01	<20
143735	5.40	<0.1	<10	<10	24.5	830	<10	2010	<0.01	<20
143736	5.68	<0.1	<10	20	24.3	990	<10	2040	<0.01	<20
143737	5.60	<0.1	<10	10	23.0	1080	<10	1920	<0.01	<20
143738	5.22	<0.1	<10	<10	22.9	1040	<10	1970	<0.01	<20
143739	4.78	<0.1	<10	<10	24.0	890	<10	1770	<0.01	<20
143740	5.38	<0.1	<10	10	23.5	980	<10	1960	<0.01	30
143741	0.25	0.3	<10	<10	0.16	20	<10	20	<0.01	<20
143742	5.17	<0.1	<10	<10	20.8	1410	<10	1980	<0.01	<20
143743	5.24	<0.1	<10	<10	22.8	890	<10	2060	<0.01	<20
143744	4.85	<0.1	<10	<10	22.9	1000	<10	2100	<0.01	<20
143745	5.39	<0.1	<10	<10	22.9	1020	<10	2050	<0.01	<20
143746	4.35	0.7	<10	20	12.6	1840	<10	710	0.04	60
143747	4.53	1.9	10	70	6.13	3810	<10	50	0.08	40
143748	5.61	0.4	<10	<10	21.0	1270	<10	1880	<0.01	<20
143749	4.94	<0.1	<10	<10	22.0	1480	<10	1880	<0.01	<20
143750	5.39	<0.1	<10	<10	24.0	800	<10	2000	<0.01	<20
143751	5.52	<0.1	<10	<10	24.4	760	<10	1970	<0.01	<20
143752	5.21	<0.1	<10	<10	24.1	820	<10	2020	<0.01	<20
143753	5.12	<0.1	<10	10	24.8	840	<10	2030	<0.01	<20
143754	4.75	0.1	<10	<10	24.1	1120	<10	2030	<0.01	<20
143755	4.56	<0.1	<10	<10	22.7	1690	<10	1620	<0.01	<20
143756	5.07	<0.1	<10	<10	23.4	1590	<10	1830	<0.01	<20
143757	4.95	<0.1	<10	<10	25.0	900	<10	1820	<0.01	<20
143758	5.25	<0.1	<10	10	24.4	880	<10	1960	<0.01	<20
143759	5.39	<0.1	<10	<10	24.1	830	<10	2000	<0.01	<20
143760	5.14	<0.1	<10	<10	23.4	870	<10	1900	<0.01	30
143761	0.23	0.2	<10	<10	0.18	10	<10	20	<0.01	<20
143762	4.99	<0.1	<10	<10	24.0	800	<10	1850	<0.01	<20
143763	5.60	<0.1	<10	<10	24.5	990	<10	1950	<0.01	<20
143764	5.29	<0.1	<10	<10	24.4	850	<10	1970	<0.01	<20

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Final : VC111133 Order: West High Yield Resources

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
143765	5.34	<0.1	<10	<10	25.0	870	<10	1930	<0.01	<20
143766	5.13	<0.1	<10	<10	24.6	770	<10	1900	<0.01	<20
143767	5.29	<0.1	<10	<10	25.2	820	<10	1930	<0.01	<20
143768	5.27	<0.1	<10	<10	25.0	770	<10	2000	<0.01	<20
143769	4.86	<0.1	<10	<10	23.6	800	<10	1890	<0.01	180
143770	4.83	<0.1	<10	<10	23.9	830	<10	1770	<0.01	40
143771	5.26	<0.1	<10	<10	24.8	880	<10	2100	<0.01	<20
143772	5.22	<0.1	<10	<10	25.3	850	<10	1930	<0.01	<20
143773	5.56	<0.1	<10	<10	26.0	840	<10	2040	<0.01	<20
143774	5.32	<0.1	<10	<10	24.2	960	<10	1970	<0.01	<20
143775	5.81	<0.1	<10	<10	24.7	1110	<10	2160	<0.01	<20
143776	5.29	<0.1	<10	<10	24.8	770	<10	2100	<0.01	<20
143777	5.02	<0.1	<10	<10	24.9	830	<10	2140	<0.01	<20
143778	5.34	<0.1	<10	<10	25.3	1010	<10	2080	<0.01	<20
143779	5.58	<0.1	<10	<10	24.0	910	<10	2090	<0.01	20
143780	5.01	<0.1	<10	<10	24.1	830	<10	2030	<0.01	<20
143781	0.43	0.3	<10	<10	0.17	20	<10	20	<0.01	<20
143782	5.31	<0.1	<10	<10	24.8	920	<10	2050	<0.01	<20
143783	5.12	0.1	<10	<10	24.4	1080	<10	2170	<0.01	20
143784	5.40	<0.1	<10	<10	25.4	840	<10	2120	<0.01	<20
143785	5.18	<0.1	<10	<10	25.5	820	<10	2160	<0.01	<20
143786	5.28	<0.1	<10	<10	25.2	730	<10	2090	<0.01	<20
143787	5.35	<0.1	<10	<10	25.0	940	<10	2020	<0.01	<20
143788	5.09	<0.1	<10	<10	23.9	800	<10	2090	<0.01	<20
143789	5.96	<0.1	<10	<10	24.8	880	<10	1970	<0.01	<20
143790	5.24	<0.1	<10	<10	24.8	760	<10	2010	<0.01	<20
143791	5.43	<0.1	<10	<10	24.4	890	<10	1930	<0.01	<20
143792	4.98	<0.1	<10	<10	23.2	1020	<10	1920	<0.01	<20
143793	5.61	<0.1	<10	<10	21.5	830	<10	1800	<0.01	<20
143794	5.64	<0.1	<10	<10	23.2	1050	<10	2170	<0.01	<20
143795	5.68	<0.1	<10	<10	23.1	930	<10	2100	<0.01	<20
143796	5.70	<0.1	<10	<10	23.2	1000	<10	2030	<0.01	<20
143797	5.19	<0.1	<10	<10	22.8	1110	<10	2040	<0.01	<20
143798	5.40	<0.1	<10	<10	17.3	1330	<10	1490	0.03	60
143799	7.47	<0.1	<10	20	15.7	1610	<10	1380	0.04	90

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
143722	<50	<5	18.9	40.4	<50	<10	<0.01	<10	<50	<5
143723	<50	6	17.7	37.8	<50	50	0.06	30	<50	<5
143724	<50	<5	16.5	35.2	<50	20	<0.01	<10	<50	<5
143725	<50	<5	17.1	36.7	<50	20	<0.01	<10	<50	<5
143726	<50	<5	17.9	38.3	<50	20	<0.01	<10	<50	<5
143727	<50	<5	16.8	36.0	<50	10	<0.01	<10	<50	<5
143728	<50	6	17.4	37.2	<50	40	0.07	20	<50	<5
143729	<50	<5	17.1	36.7	<50	10	<0.01	<10	<50	<5
143730	<50	<5	17.7	37.8	<50	20	<0.01	<10	<50	<5
143731	<50	<5	17.7	37.9	<50	40	<0.01	<10	<50	<5
143732	<50	<5	17.7	37.9	<50	40	<0.01	<10	<50	<5
143733	<50	<5	18.1	38.7	<50	10	<0.01	<10	<50	<5
143734	<50	<5	17.4	37.2	<50	40	<0.01	<10	<50	<5
143735	<50	<5	15.2	32.5	<50	20	<0.01	<10	<50	<5
143736	<50	<5	17.5	37.4	<50	50	<0.01	<10	<50	<5
143737	<50	<5	19.9	42.5	<50	40	0.01	<10	<50	<5
143738	<50	<5	15.3	32.8	<50	30	<0.01	<10	<50	<5
143739	<50	<5	18.2	38.8	<50	40	<0.01	<10	<50	<5
143740	<50	<5	17.6	37.6	<50	20	<0.01	<10	<50	<5
143741	<50	<5	>25	100.5	<50	<10	0.03	<10	<50	7
143742	<50	<5	20.1	43.0	<50	30	<0.01	<10	<50	<5
143743	<50	<5	18.4	39.4	<50	30	<0.01	<10	<50	<5
143744	<50	<5	16.2	34.7	<50	40	<0.01	<10	<50	<5
143745	<50	<5	17.4	37.1	<50	40	<0.01	<10	<50	<5
143746	<50	6	24.5	52.4	<50	150	0.16	40	<50	6
143747	<50	12	24.2	51.8	<50	200	0.30	100	<50	12
143748	<50	<5	17.5	37.4	<50	30	0.04	<10	<50	<5
143749	<50	<5	17.1	36.6	<50	50	<0.01	<10	<50	<5
143750	<50	<5	17.4	37.1	<50	<10	<0.01	<10	<50	<5
143751	<50	<5	17.3	37.0	<50	20	<0.01	<10	<50	<5
143752	<50	<5	17.0	36.3	<50	40	<0.01	<10	<50	<5
143753	<50	<5	16.8	35.9	<50	20	<0.01	<10	<50	<5
143754	<50	<5	17.1	36.6	<50	80	<0.01	<10	<50	<5
143755	<50	<5	18.0	38.5	<50	90	<0.01	<10	<50	<5
143756	<50	<5	15.8	33.7	<50	80	<0.01	<10	<50	<5
143757	<50	<5	16.7	35.6	<50	10	<0.01	<10	<50	<5
143758	<50	<5	17.4	37.2	<50	<10	<0.01	<10	<50	<5
143759	<50	<5	17.2	36.7	<50	20	<0.01	<10	<50	<5
143760	<50	<5	18.2	38.8	<50	20	0.02	<10	<50	<5
143761	<50	<5	>25	97.5	<50	<10	0.02	<10	<50	5
143762	<50	<5	17.9	38.4	<50	<10	<0.01	<10	<50	<5
143763	<50	<5	16.4	35.0	<50	<10	<0.01	<10	<50	<5
143764	<50	<5	17.3	37.0	<50	<10	<0.01	<10	<50	<5

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Element Method Det.Lim. Units	Sb @ICP90A 50 ppm	Sc @ICP90A 5 ppm	Si @ICP90A 0.01 %	SiO2 @ICP90A 0.01 %	Sn @ICP90A 50 ppm	Sr @ICP90A 10 ppm	Ti @ICP90A 0.01 %	V @ICP90A 10 ppm	W @ICP90A 50 ppm	Y @ICP90A 5 ppm
143765	<50	<5	16.8	36.0	<50	10	<0.01	<10	<50	<5
143766	<50	<5	17.3	37.0	<50	20	<0.01	<10	<50	<5
143767	<50	<5	16.7	35.8	<50	<10	<0.01	<10	<50	<5
143768	<50	<5	16.7	35.7	<50	20	<0.01	<10	<50	<5
143769	<50	<5	17.9	38.3	<50	40	<0.01	<10	<50	<5
143770	<50	<5	18.1	38.6	<50	60	<0.01	<10	<50	<5
143771	<50	<5	17.1	36.6	<50	20	<0.01	<10	<50	<5
143772	<50	<5	16.3	34.9	<50	<10	<0.01	<10	<50	<5
143773	<50	<5	20.0	42.8	<50	10	<0.01	<10	<50	<5
143774	<50	<5	16.6	35.5	<50	<10	<0.01	<10	<50	<5
143775	<50	<5	18.7	39.9	<50	50	<0.01	<10	<50	<5
143776	<50	<5	16.5	35.2	<50	10	<0.01	<10	<50	<5
143777	<50	<5	17.5	37.4	<50	20	<0.01	<10	<50	<5
143778	<50	<5	17.6	37.6	<50	10	<0.01	<10	<50	<5
143779	<50	<5	18.6	39.9	<50	40	<0.01	<10	<50	<5
143780	<50	<5	17.8	38.1	<50	20	<0.01	<10	<50	<5
143781	<50	<5	>25	102.2	<50	<10	0.04	<10	<50	9
143782	<50	<5	17.6	37.6	<50	20	<0.01	<10	<50	<5
143783	<50	<5	17.8	38.0	<50	40	<0.01	<10	<50	<5
143784	<50	<5	17.8	38.0	<50	20	<0.01	<10	<50	<5
143785	<50	<5	17.8	38.0	<50	<10	<0.01	<10	<50	<5
143786	<50	<5	18.5	39.5	<50	10	<0.01	<10	<50	<5
143787	<50	<5	17.1	36.6	<50	10	<0.01	<10	<50	<5
143788	<50	<5	16.5	35.4	<50	30	<0.01	<10	<50	<5
143789	<50	<5	16.6	35.6	<50	10	<0.01	<10	<50	<5
143790	<50	<5	17.7	37.9	<50	10	<0.01	<10	<50	<5
143791	<50	<5	17.7	37.8	<50	30	<0.01	<10	<50	<5
143792	<50	<5	19.0	40.6	<50	40	<0.01	<10	<50	<5
143793	<50	<5	20.7	44.3	<50	30	0.01	<10	<50	<5
143794	<50	<5	17.2	36.9	<50	70	<0.01	<10	<50	<5
143795	<50	<5	16.2	34.6	<50	30	<0.01	<10	<50	<5
143796	<50	<5	17.4	37.2	<50	30	<0.01	<10	<50	<5
143797	<50	<5	17.5	37.5	<50	30	<0.01	<10	<50	<5
143798	<50	7	20.9	44.7	<50	110	0.15	60	<50	<5
143799	<50	13	19.3	41.3	<50	160	0.22	130	<50	7

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143722	40
143723	50
143724	50
143725	40
143726	30
143727	20
143728	110
143729	40
143730	30
143731	30
143732	30
143733	20
143734	30
143735	30
143736	40
143737	40
143738	40
143739	30
143740	40
143741	<10
143742	100
143743	50
143744	70
143745	40
143746	120
143747	240
143748	50
143749	50
143750	40
143751	30
143752	30
143753	30
143754	30
143755	40
143756	40
143757	30
143758	40
143759	30
143760	60
143761	<10
143762	50
143763	120
143764	50

Element	Zn
Method	@ICP90A
Det.Lim.	10
Units	ppm
143765	50
143766	40
143767	40
143768	30
143769	580
143770	50
143771	50
143772	50
143773	50
143774	50
143775	70
143776	50
143777	40
143778	50
143779	60
143780	40
143781	<10
143782	40
143783	90
143784	40
143785	50
143786	40
143787	50
143788	50
143789	50
143790	50
143791	60
143792	70
143793	70
143794	70
143795	70
143796	110
143797	100
143798	540
143799	290

VA11171105 - Finalized
CLIENT : "WHYRES - W.H.Y. Resources"
# of SAMPLES : 82
DATE RECEIVED : 2011-08-29 DATE FINALIZED : 2011-09-17
PROJECT : "Record Ridge"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Ag	Al	As	Ba	Be	Bi	Ca
DESCRIPT	ppm	%	ppm	ppm	ppm	ppm	%
143800	<0.5	2.54	26	30	<0.5	<2	1.1
143801	<0.5	0.55	<5	80	<0.5	2	0.02
143802	<0.5	0.62	17	20	<0.5	<2	0.19
143803	<0.5	0.19	32	20	<0.5	<2	0.58
143804	<0.5	0.17	34	<10	<0.5	<2	0.42
143805	<0.5	0.19	25	<10	<0.5	<2	0.44
143806	<0.5	0.21	24	<10	<0.5	<2	0.28
143807	<0.5	0.18	17	<10	<0.5	<2	0.27
143808	<0.5	0.18	27	<10	<0.5	<2	0.8
143809	0.5	0.17	18	10	<0.5	<2	2.1
143810	0.5	0.56	11	60	<0.5	<2	1.35
143811	<0.5	0.18	12	10	<0.5	<2	0.44
143812	<0.5	0.18	13	10	<0.5	<2	0.92
143813	<0.5	0.16	9	<10	<0.5	<2	0.69
143814	<0.5	0.18	31	<10	<0.5	<2	0.88
143815	<0.5	0.12	16	<10	<0.5	<2	0.56
143816	<0.5	0.15	20	10	<0.5	<2	2.02
143817	<0.5	0.17	23	<10	<0.5	<2	0.66
143818	<0.5	0.15	25	<10	<0.5	<2	0.41
143819	0.9	1.26	24	280	0.7	<2	0.94
143820	<0.5	6.25	<5	1540	2.3	<2	2.96
143821	<0.5	0.47	<5	130	<0.5	2	0.02
143822	0.7	7.65	<5	1910	3	<2	3.37
143823	0.5	7.82	9	1920	3	<2	3.7
143824	<0.5	7.62	5	1990	3	<2	3.56
143825	<0.5	7.9	8	2200	3	<2	3.56
143826	<0.5	5.25	<5	780	2	<2	2.29
143827	<0.5	0.8	19	40	0.5	<2	1.87
143828	<0.5	0.72	21	50	<0.5	<2	0.93
143829	<0.5	0.18	28	<10	<0.5	<2	0.58
143830	<0.5	0.17	25	10	<0.5	<2	0.31
143831	<0.5	0.16	33	<10	<0.5	<2	0.31
143832	<0.5	0.17	31	<10	<0.5	<2	0.35
143833	<0.5	0.16	29	<10	<0.5	<2	0.33
143834	<0.5	0.14	33	<10	<0.5	<2	0.16
143835	<0.5	0.15	33	<10	<0.5	<2	0.32
143836	<0.5	0.16	28	<10	<0.5	<2	0.33
143837	<0.5	0.14	34	<10	<0.5	<2	0.45
143838	<0.5	0.17	26	<10	<0.5	<2	0.4
143839	<0.5	0.16	27	10	<0.5	<2	0.34
143840	<0.5	0.15	21	<10	<0.5	<2	0.46
143841	<0.5	0.59	<5	110	<0.5	<2	0.02
143842	<0.5	0.15	15	10	<0.5	<2	1.17

143843	<0.5	3.71	6	710	1.8	<2	0.83
143844	0.5	5.32	5	1070	2.3	<2	0.85
143845	<0.5	0.19	9	30	<0.5	<2	0.3
143846	<0.5	2.74	12	110	<0.5	<2	1.21
143847	<0.5	7.78	<5	850	0.7	<2	1.57
143848	<0.5	7.72	<5	730	0.8	<2	2.31
143849	<0.5	7.28	<5	640	1	<2	3.23
143850	<0.5	7.15	<5	670	1.5	<2	0.87
143851	<0.5	0.37	20	10	<0.5	<2	0.9
143852	<0.5	0.21	19	<10	<0.5	<2	0.77
143853	<0.5	0.17	34	<10	<0.5	<2	0.31
143854	<0.5	0.13	38	<10	<0.5	<2	0.28
143855	<0.5	0.13	40	<10	<0.5	<2	0.12
143856	<0.5	0.15	37	<10	<0.5	<2	0.66
143857	<0.5	0.23	30	<10	<0.5	<2	1.17
143858	<0.5	0.12	52	<10	<0.5	<2	0.09
143859	<0.5	0.13	43	<10	<0.5	<2	0.09
143860	<0.5	0.15	42	<10	<0.5	<2	0.07
143861	<0.5	0.39	<5	100	<0.5	<2	0.01
143862	<0.5	0.14	36	<10	<0.5	<2	0.03
143863	<0.5	0.14	22	<10	<0.5	<2	0.56
143864	<0.5	0.14	22	<10	<0.5	<2	0.42
143865	<0.5	0.14	9	<10	<0.5	<2	0.3
143866	<0.5	0.16	14	<10	<0.5	<2	1.34
143867	<0.5	0.12	16	<10	<0.5	<2	1.9
143868	<0.5	0.13	14	<10	<0.5	<2	0.32
143869	<0.5	0.12	15	<10	<0.5	<2	0.25
143870	<0.5	0.13	15	<10	<0.5	<2	0.25
143871	<0.5	0.15	16	<10	<0.5	<2	0.13
143872	<0.5	0.13	11	<10	<0.5	<2	0.3
143873	<0.5	0.14	13	<10	<0.5	<2	1.56
143874	<0.5	0.26	17	<10	<0.5	<2	0.42
143875	<0.5	6.25	5	340	0.5	<2	1.1
143876	<0.5	0.11	18	<10	<0.5	<2	0.85
143877	<0.5	0.17	21	<10	<0.5	<2	0.28
143878	<0.5	0.17	18	<10	<0.5	<2	0.09
143879	<0.5	0.12	25	<10	<0.5	2	0.02
143880	<0.5	0.11	16	<10	<0.5	<2	0.06
143881	<0.5	0.53	<5	60	<0.5	<2	0.01

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Cd	Co	Cr	Cu	Fe	Ga	K	La
ppm	ppm	ppm	ppm	%	ppm	%	ppm
<0.5	93	1570	13	6.04	<10	0.04	10
<0.5	2	21	4	0.29	<10	0.25	10
<0.5	100	1960	23	5.9	<10	0.01	<10
<0.5	96	1780	12	5.34	<10	<0.01	<10
<0.5	99	1550	6	5.54	<10	<0.01	<10
<0.5	98	1670	28	5.55	<10	<0.01	<10
<0.5	95	1660	22	5.33	<10	<0.01	10
<0.5	102	1390	26	5.57	<10	<0.01	10
<0.5	101	2000	22	5.87	<10	<0.01	<10
<0.5	93	1430	25	5.15	<10	<0.01	<10
2.6	96	1630	23	5.33	<10	0.02	<10
1.7	106	1820	26	5.74	<10	<0.01	<10
<0.5	110	1860	3	5.73	<10	<0.01	<10
<0.5	103	1510	3	5.74	<10	<0.01	10
<0.5	85	1350	60	5.57	<10	<0.01	20
<0.5	105	1330	7	5.54	<10	<0.01	10
<0.5	89	1310	4	5.14	<10	<0.01	10
<0.5	97	2320	3	5.45	<10	0.01	20
<0.5	104	1710	5	5.72	<10	0.01	10
1.3	92	1410	26	5.56	<10	0.27	20
<0.5	39	466	50	4.82	10	3.08	50
<0.5	3	29	23	0.25	<10	0.21	20
<0.5	25	291	158	4.55	20	4.5	60
<0.5	29	307	66	4.75	20	3.84	60
<0.5	29	325	144	4.58	20	4.16	50
<0.5	35	335	73	4.74	20	3.64	60
<0.5	49	630	22	4.82	10	1.32	40
<0.5	82	1300	29	5.04	<10	0.05	20
<0.5	94	1390	9	5.35	<10	0.15	20
<0.5	100	1420	8	5.55	<10	0.02	10
<0.5	103	1440	12	5.54	<10	0.01	20
<0.5	107	1490	3	5.85	<10	0.01	20
<0.5	108	2470	5	6.16	<10	<0.01	20
<0.5	112	1850	6	5.7	<10	<0.01	20
<0.5	104	1260	3	5.68	<10	<0.01	20
<0.5	103	1350	2	5.76	<10	<0.01	20
<0.5	108	1730	2	5.99	<10	<0.01	20
<0.5	97	1310	2	5.38	<10	<0.01	10
<0.5	105	1300	2	5.68	<10	<0.01	20
<0.5	106	1710	3	5.8	<10	<0.01	10
<0.5	101	1480	1	5.59	<10	<0.01	20
<0.5	2	26	18	0.36	<10	0.27	20
<0.5	101	1545	2	5.46	<10	0.01	20

1.2	56	1675	19	4.69	10	1.28	50
1.4	41	639	25	4.52	10	2.08	70
0.8	99	1570	3	5.46	<10	0.01	10
<0.5	60	1045	13	4.64	<10	0.21	20
<0.5	13	49	1	3.37	20	1.58	20
<0.5	12	37	1	2.48	20	2.57	20
<0.5	13	33	4	2.59	20	2.11	10
<0.5	13	32	3	2.9	20	1.77	20
<0.5	96	1400	9	5.28	<10	0.01	10
<0.5	91	1180	5	4.91	<10	0.01	20
<0.5	98	1370	22	5.3	<10	0.01	20
<0.5	97	1230	6	5.25	<10	0.01	20
<0.5	101	1460	5	5.55	<10	0.02	20
<0.5	105	1270	8	5.71	<10	0.01	10
<0.5	105	1450	4	5.66	<10	0.01	20
<0.5	107	1390	2	5.58	<10	0.04	20
<0.5	109	1500	12	5.45	<10	0.02	20
<0.5	100	1260	5	5.56	<10	0.02	20
<0.5	5	33	20	0.35	<10	0.18	20
<0.5	101	1320	7	5.58	<10	0.02	20
<0.5	106	1990	3	5.64	<10	0.01	20
<0.5	103	1390	2	5.5	<10	<0.01	20
<0.5	100	1370	4	5.31	<10	<0.01	20
<0.5	98	1790	7	5.58	<10	<0.01	20
<0.5	92	1160	7	5.42	<10	<0.01	10
<0.5	113	1200	2	5.61	<10	<0.01	20
<0.5	105	1470	1	6.05	<10	<0.01	20
<0.5	109	1400	2	6.55	<10	0.01	20
<0.5	114	1560	1	5.99	<10	0.01	20
<0.5	111	1220	1	5.9	<10	0.01	20
<0.5	105	1200	7	5.97	<10	<0.01	20
<0.5	107	4480	14	6.36	<10	<0.01	20
<0.5	34	603	5	4.11	10	1.13	20
<0.5	104	1780	10	5.34	<10	<0.01	20
<0.5	105	2490	7	5.71	<10	0.01	20
<0.5	108	2850	3	6.09	<10	0.01	20
<0.5	100	1290	4	5.54	<10	0.01	20
<0.5	104	1440	15	5.92	<10	0.01	20
<0.5	4	24	2	0.31	<10	0.26	20

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Mg	Mn	Mo	Na	Ni	P	Pb	S
%	ppm	ppm	%	ppm	ppm	ppm	%
21.8	1200	<1	0.02	1815	250	9	0.02
0.06	22	<1	0.01	5	30	2	0.06
19.65	717	<1	0.02	1995	50	40	0.03
22.2	1030	<1	0.01	1975	30	37	0.08
24.5	1065	<1	0.01	2010	<10	4	0.14
23.8	933	<1	0.01	2010	<10	6	0.13
23.8	879	<1	0.01	1955	10	2	0.09
24.5	822	<1	0.01	2080	<10	<2	0.11
23.3	851	<1	<0.01	1975	10	28	0.06
21.8	985	<1	0.01	1845	20	10	0.04
20.5	989	<1	0.01	1850	30	43	0.03
23.1	1020	<1	<0.01	2140	30	26	0.02
24.2	1020	<1	<0.01	2210	<10	<2	0.06
24	941	<1	<0.01	2090	<10	2	0.09
22.8	936	<1	0.01	1910	20	3	0.04
23.5	957	<1	<0.01	2080	<10	2	0.1
23	1445	<1	<0.01	1885	<10	20	0.17
23.1	888	<1	<0.01	1985	<10	6	0.13
22.7	837	<1	0.01	2140	<10	6	0.09
19.05	1460	<1	0.16	1805	410	76	0.01
8.79	1155	<1	1.14	461	2310	21	<0.01
0.21	27	<1	0.01	20	30	<2	0.06
4.75	786	1	1.74	213	2640	16	<0.01
5	892	1	2.07	230	2770	22	<0.01
5.24	757	1	1.93	239	2770	26	<0.01
5.71	1110	1	2.08	260	2890	40	<0.01
11.25	1755	1	1.02	655	2150	90	<0.01
19.85	1295	<1	0.03	1830	190	67	0.02
21.5	889	1	0.03	1880	200	10	0.03
23.5	932	<1	0.01	2070	10	8	0.15
24.9	870	1	0.01	2110	<10	2	0.1
25.7	829	<1	0.01	2180	10	<2	0.08
24.6	1070	<1	<0.01	2290	10	<2	0.1
24.3	1000	<1	<0.01	2340	10	3	0.07
24.8	1115	<1	<0.01	2220	10	<2	0.1
25	920	<1	0.01	2100	<10	3	0.08
24.5	866	<1	0.01	2210	10	2	0.07
23.1	796	<1	<0.01	1980	20	2	0.05
23.9	842	<1	0.01	2150	20	11	0.04
23.4	1115	<1	<0.01	2270	20	25	0.05
23.4	804	<1	0.01	2090	10	<2	0.05
0.17	31	<1	0.01	15	30	<2	0.04
23.2	978	2	0.01	2100	10	7	0.07

13.6	1175	2	0.7	1125	1200	68	0.01
11.65	805	2	1.51	696	2140	88	<0.01
21.1	876	2	<0.01	2000	610	32	0.01
17.1	1290	2	0.01	1085	320	13	<0.01
2.82	792	2	2.09	37	660	17	<0.01
2.19	635	2	1.1	39	640	27	<0.01
1.81	1285	2	1.41	24	650	44	0.01
3.12	974	2	2.28	36	560	42	<0.01
21.9	705	3	0.04	2030	10	15	0.1
22.8	836	3	0.03	1895	<10	6	0.09
23.8	906	3	0.02	2000	10	7	0.09
23.7	884	3	0.02	1935	10	5	0.08
23.7	900	3	0.01	1965	<10	3	0.06
24.1	967	3	0.02	2190	10	7	0.08
23.5	1005	3	0.02	2150	10	4	0.1
25	932	2	0.01	2260	10	5	0.06
25	917	3	0.02	2310	10	3	0.05
24.3	880	3	0.02	2100	10	<2	0.08
0.25	29	3	0.01	23	40	2	0.06
24.6	830	3	0.02	2100	10	<2	0.06
23.5	985	3	0.01	2110	10	6	0.1
23.7	1015	3	0.01	2070	<10	35	0.1
23.7	994	3	0.01	2080	<10	5	0.12
22.5	1120	5	<0.01	2130	10	6	0.16
24.5	1075	3	<0.01	1915	<10	6	0.15
25.3	1020	2	<0.01	2400	10	5	0.09
24.7	1045	3	<0.01	2200	<10	5	0.06
25.1	1055	2	<0.01	2390	10	3	0.07
25.1	1035	2	<0.01	2330	<10	3	0.07
24.9	1115	3	<0.01	2440	10	<2	0.1
23.7	1290	3	<0.01	2260	10	5	0.13
24	1310	2	<0.01	2150	10	7	0.15
10.3	681	3	0.78	569	500	23	0.02
23.3	1050	3	<0.01	2260	<10	7	0.12
24	972	2	<0.01	2230	10	9	0.08
24.6	906	3	<0.01	2170	10	5	0.05
24.1	840	3	<0.01	2180	10	3	0.05
23.7	755	2	0.01	2190	20	4	0.08
0.35	32	2	0.01	31	40	<2	0.01

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Sb	Sc	Sr	Th	Ti	Tl	U	V
ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
<5	8	46	<20	0.07	<10	<10	42
<5	<1	4	<20	0.02	<10	<10	3
<5	6	10	<20	0.02	<10	<10	31
<5	6	39	<20	<0.01	<10	<10	22
<5	6	13	<20	<0.01	<10	<10	21
<5	6	15	<20	<0.01	<10	<10	21
<5	7	6	<20	<0.01	<10	<10	24
<5	6	7	<20	<0.01	<10	<10	20
<5	6	24	<20	<0.01	<10	<10	20
<5	6	81	<20	<0.01	<10	<10	19
<5	6	22	<20	0.01	<10	<10	23
<5	6	16	<20	<0.01	<10	<10	24
<5	6	24	<20	<0.01	<10	<10	21
<5	6	25	<20	<0.01	<10	<10	20
<5	6	24	<20	<0.01	<10	<10	20
<5	4	18	<20	<0.01	<10	<10	17
<5	5	154	<20	<0.01	<10	<10	17
<5	5	19	<20	<0.01	<10	<10	20
<5	6	14	<20	<0.01	<10	<10	21
6	6	181	<20	0.08	<10	<10	38
<5	11	885	<20	0.44	<10	<10	108
<5	<1	6	<20	0.02	<10	<10	3
<5	13	1175	20	0.5	<10	<10	127
<5	13	1115	20	0.52	<10	<10	133
<5	13	1135	20	0.52	<10	<10	132
<5	14	1530	20	0.54	<10	<10	138
<5	9	616	<20	0.4	<10	<10	104
8	6	71	<20	0.04	<10	<10	33
<5	7	58	<20	0.04	<10	<10	31
<5	7	61	<20	<0.01	<10	<10	22
<5	6	26	<20	<0.01	<10	<10	20
<5	6	21	<20	<0.01	<10	<10	20
<5	5	30	<20	<0.01	<10	<10	22
<5	5	39	<20	<0.01	<10	<10	21
<5	5	15	<20	<0.01	<10	<10	17
<5	5	26	<20	<0.01	<10	<10	19
<5	5	25	<20	<0.01	<10	<10	21
<5	6	51	<20	<0.01	<10	<10	19
<5	6	23	<20	<0.01	<10	<10	22
<5	5	33	<20	<0.01	<10	<10	21
<5	5	36	<20	<0.01	<10	<10	19
<5	<1	6	<20	0.02	<10	<10	3
5	6	60	<20	<0.01	<10	<10	18

6	8	363	<20	0.2	<10	<10	59
<5	9	568	20	0.3	<10	<10	67
<5	7	26	<20	<0.01	<10	<10	23
5	9	36	<20	0.12	<10	<10	67
<5	10	252	<20	0.22	<10	<10	82
<5	10	276	<20	0.22	<10	<10	80
<5	9	384	<20	0.22	<10	<10	78
<5	9	286	<20	0.2	<10	10	66
<5	8	20	<20	0.01	<10	<10	22
<5	8	13	<20	<0.01	<10	<10	20
<5	8	10	<20	<0.01	<10	<10	19
<5	7	13	<20	<0.01	<10	<10	16
<5	7	8	<20	<0.01	<10	<10	17
<5	7	16	<20	<0.01	<10	<10	18
<5	7	13	<20	0.01	<10	<10	19
<5	7	2	<20	<0.01	<10	<10	15
<5	7	6	<20	<0.01	<10	<10	16
<5	8	5	<20	<0.01	<10	<10	19
<5	3	4	<20	0.02	<10	<10	2
<5	8	3	<20	<0.01	<10	<10	17
<5	7	8	<20	<0.01	<10	<10	21
<5	7	4	<20	<0.01	<10	<10	17
<5	7	1	<20	<0.01	<10	<10	16
<5	7	9	<20	<0.01	<10	<10	18
<5	7	22	<20	<0.01	<10	<10	15
<5	6	4	<20	<0.01	<10	<10	14
<5	6	3	<20	<0.01	<10	<10	15
<5	7	2	<20	<0.01	<10	<10	14
<5	6	2	<20	<0.01	<10	<10	16
<5	6	6	<20	<0.01	<10	<10	14
<5	6	32	<20	<0.01	<10	<10	12
<5	6	4	<20	0.01	<10	<10	20
<5	10	860	<20	0.15	<10	<10	67
<5	6	10	<20	<0.01	<10	<10	14
<5	6	11	<20	<0.01	<10	<10	19
<5	6	3	<20	<0.01	<10	<10	21
<5	6	1	<20	<0.01	<10	<10	14
<5	6	5	<20	<0.01	<10	<10	16
<5	3	4	<20	0.02	<10	<10	2

ME-ICP61	ME-ICP61	ME-ICP61
W	Zn	Li
ppm	ppm	ppm
<10	74	20
<10	2	<10
<10	90	10
<10	84	<10
<10	51	<10
<10	55	<10
<10	52	<10
<10	45	<10
<10	52	<10
<10	62	<10
<10	112	10
<10	90	<10
<10	61	<10
<10	52	<10
<10	45	<10
<10	54	<10
<10	62	<10
<10	65	<10
<10	59	<10
<10	217	10
<10	140	30
<10	2	<10
<10	63	20
<10	83	20
<10	75	20
<10	115	20
<10	201	50
<10	136	10
<10	73	10
<10	72	<10
<10	64	<10
<10	56	<10
<10	73	<10
<10	64	<10
<10	51	<10
<10	50	<10
<10	53	<10
<10	49	<10
<10	56	<10
<10	71	<10
<10	54	<10
<10	<2	<10
<10	53	<10

<10	137	20
<10	131	20
<10	72	<10
<10	170	30
<10	70	30
<10	62	40
<10	98	30
<10	78	30
<10	105	10
<10	86	10
<10	96	10
<10	81	<10
<10	74	<10
<10	93	<10
<10	151	<10
<10	98	<10
<10	99	<10
<10	88	<10
<10	2	<10
<10	84	<10
<10	118	<10
<10	99	<10
<10	99	<10
<10	124	<10
<10	130	<10
<10	101	<10
<10	114	<10
<10	112	<10
<10	123	<10
<10	116	<10
<10	114	<10
<10	196	<10
<10	95	50
<10	71	<10
<10	96	<10
<10	87	<10
<10	62	<10
<10	63	<10
<10	<2	<10

ALS Canada Ltd.
2103 Dollarton Hwy
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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

CERTIFICATE VA11171108

Project: Record Ridge
P.O. No.:
This report is for 94 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-AUG-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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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CERTIFICATE OF ANALYSIS VA11171108

Sample Description	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
143882	4.24	<0.5	8.58	5	1940	4.3	<2	2.21	<0.5	13	79	28	4.31	20	3.86
143883	4.50	<0.5	8.65	<5	1980	4.5	<2	2.06	<0.5	15	79	27	4.46	30	3.83
143884	5.00	<0.5	8.22	<5	2190	3.2	<2	1.20	<0.5	16	77	17	5.58	20	3.87
143885	3.88	<0.5	0.54	24	120	<0.5	<2	1.86	<0.5	104	1995	7	5.76	<10	0.19
143886	3.48	8.4	0.99	20	10	<0.5	16	0.85	46.6	102	1550	106	6.03	<10	0.01
143887	5.04	<0.5	8.46	<5	2270	4.1	<2	2.52	2.6	12	72	26	4.53	30	4.49
143888	5.02	<0.5	8.34	<5	1930	4.2	<2	2.89	<0.5	14	75	22	4.21	20	4.00
143889	4.68	<0.5	7.59	<5	2150	2.1	<2	0.77	2.7	16	76	10	7.87	20	3.05
143890	4.56	0.8	7.84	10	40	1.2	<2	0.23	3.8	32	56	27	6.14	20	0.07
143891	4.82	<0.5	8.44	<5	2390	3.7	<2	1.89	0.6	15	68	11	4.67	20	4.47
143892	5.20	<0.5	8.31	5	1980	4.2	<2	3.21	<0.5	12	69	17	4.18	20	4.12
143893	4.04	<0.5	8.18	<5	1820	4.2	<2	2.94	<0.5	14	67	22	3.98	20	3.69
143894	5.26	<0.5	8.33	<5	1870	4.4	<2	3.14	<0.5	14	73	23	4.09	20	3.85
143895	5.20	<0.5	8.55	<5	1970	4.4	<2	3.40	<0.5	14	78	24	4.25	20	4.13
143896	4.92	<0.5	8.58	7	1920	4.3	<2	3.48	<0.5	13	74	25	4.16	20	3.91
143897	5.30	<0.5	8.59	<5	2210	4.4	<2	3.41	<0.5	14	70	18	4.18	20	4.25
143898	4.80	<0.5	8.61	<5	1690	4.1	<2	2.84	<0.5	13	94	16	4.14	20	3.38
143899	2.16	<0.5	8.42	<5	480	2.4	<2	2.27	<0.5	13	37	29	3.74	20	1.17
143900	4.84	<0.5	0.48	6	10	<0.5	<2	1.63	<0.5	96	1650	5	5.34	<10	0.02
143901	6.88	<0.5	1.00	5	170	0.5	<2	2.67	<0.5	99	1530	2	5.61	<10	0.23
143902	0.92	<0.5	0.67	<5	60	<0.5	<2	0.05	<0.5	2	31	2	0.25	<10	0.30
143903	4.94	<0.5	0.18	34	<10	<0.5	<2	0.38	<0.5	100	1495	22	5.43	<10	<0.01
143904	6.56	<0.5	0.72	26	110	<0.5	<2	0.31	<0.5	99	1865	21	5.86	<10	0.01
143905	4.70	<0.5	0.93	31	10	<0.5	<2	0.80	<0.5	87	1410	14	5.32	<10	0.01
143906	5.24	<0.5	0.18	21	10	<0.5	<2	0.71	2.2	92	1645	28	4.96	<10	<0.01
143907	4.90	<0.5	0.17	29	<10	<0.5	<2	0.45	<0.5	92	1545	15	4.95	<10	<0.01
143908	5.16	<0.5	0.18	36	<10	<0.5	3	0.53	<0.5	99	1760	11	5.47	<10	<0.01
143909	3.92	<0.5	0.25	32	20	<0.5	<2	0.77	<0.5	88	1735	9	4.83	<10	<0.01
143910	1.38	2.2	7.62	11	1290	1.9	<2	1.95	10.3	32	316	55	5.24	20	2.75
143911	3.82	<0.5	1.85	17	50	0.5	<2	1.16	<0.5	83	1440	13	5.22	<10	0.07
143912	4.02	<0.5	8.02	6	860	<0.5	<2	0.41	<0.5	15	15	16	4.33	20	0.78
143913	5.42	<0.5	0.69	22	10	<0.5	2	0.45	<0.5	98	1690	18	5.78	<10	0.02
143914	5.04	<0.5	0.19	16	<10	<0.5	<2	0.77	<0.5	102	1820	3	5.63	<10	<0.01
143915	3.56	<0.5	0.22	20	<10	<0.5	<2	0.76	<0.5	95	1455	21	5.23	<10	<0.01
143916	5.40	<0.5	0.18	15	<10	<0.5	<2	0.30	<0.5	102	1390	24	5.36	<10	<0.01
143917	5.00	<0.5	0.17	15	<10	<0.5	2	0.29	<0.5	104	1470	14	5.60	<10	<0.01
143918	4.90	<0.5	0.16	22	<10	<0.5	<2	0.27	<0.5	105	2070	8	5.97	<10	<0.01
143919	5.54	15.7	0.18	26	<10	<0.5	44	0.44	130.5	135	1810	647	6.12	<10	<0.01
143920	5.02	<0.5	0.17	22	<10	<0.5	<2	0.41	0.5	104	1740	26	5.87	<10	<0.01
143921	0.90	<0.5	0.40	<5	50	<0.5	<2	0.01	<0.5	3	35	1	0.28	<10	0.19

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CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge

CERTIFICATE OF ANALYSIS VA11171108

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
143882		100	2.14	1010	<1	3.00	39	2630	24	0.02	<5	11	1270	30	0.47	<10
143883		100	2.23	922	<1	2.90	36	2750	26	0.01	<5	11	1210	30	0.49	<10
143884		90	2.82	2970	<1	1.63	51	2600	66	0.01	<5	11	786	30	0.44	<10
143885		10	20.9	1060	<1	0.09	2060	120	28	0.04	<5	6	211	<20	0.02	<10
143886		10	20.4	1740	<1	0.02	1940	260	542	0.62	<5	7	75	<20	0.05	<10
143887		90	2.47	2430	<1	2.03	34	2610	345	0.01	<5	11	1180	30	0.46	<10
143888		90	2.14	1365	<1	2.51	38	2620	50	<0.01	<5	11	1190	30	0.45	<10
143889		80	3.91	6230	<1	0.45	107	2330	247	0.01	<5	10	451	30	0.40	<10
143890		10	16.25	2650	<1	0.02	152	920	525	<0.01	<5	15	23	<20	0.38	<10
143891		90	2.86	2300	1	1.67	35	2530	217	0.04	<5	11	999	30	0.45	<10
143892		100	2.12	2030	<1	2.22	32	2580	35	<0.01	<5	11	1150	30	0.44	10
143893		90	2.05	1145	<1	2.66	32	2520	50	<0.01	<5	10	1220	30	0.44	<10
143894		90	1.91	1465	<1	2.64	29	2560	62	0.01	<5	11	1290	30	0.45	<10
143895		90	1.96	1270	<1	2.74	31	2630	25	<0.01	<5	11	1350	30	0.48	<10
143896		100	1.95	843	<1	3.03	32	2660	29	<0.01	<5	11	1430	30	0.47	<10
143897		100	1.90	2080	<1	2.52	30	2660	29	<0.01	<5	11	1190	30	0.45	<10
143898		70	2.76	2500	<1	2.30	59	2150	16	0.01	<5	10	1060	30	0.40	<10
143899		10	2.48	3370	<1	2.02	21	680	62	<0.01	<5	10	658	<20	0.24	<10
143900		<10	20.9	1005	<1	0.06	1895	30	3	0.09	<5	6	80	<20	0.01	<10
143901		10	19.55	1680	1	0.11	1835	250	9	0.35	<5	6	260	<20	0.05	<10
143902		10	0.12	51	<1	0.02	7	50	3	0.03	<5	1	10	<20	0.02	<10
143903		10	23.6	920	<1	0.01	2050	10	<2	0.12	<5	6	57	<20	<0.01	<10
143904		10	22.2	946	<1	0.01	2110	50	58	0.16	<5	7	63	<20	0.02	<10
143905		10	21.4	1085	<1	0.02	1685	90	113	0.20	<5	7	77	<20	0.04	<10
143906		10	21.6	985	<1	0.01	1845	10	59	0.23	<5	5	77	<20	<0.01	<10
143907		10	21.8	926	<1	0.01	1970	10	45	0.17	<5	5	44	<20	<0.01	<10
143908		10	23.2	912	<1	0.01	2010	10	18	0.22	<5	6	70	<20	<0.01	<10
143909		10	20.8	1070	<1	0.01	1780	10	15	0.21	<5	5	61	<20	<0.01	<10
143910		40	6.93	1880	<1	1.62	308	2820	925	0.01	7	12	910	<20	0.37	<10
143911		10	20.4	1175	<1	0.05	1605	210	18	0.05	<5	7	53	<20	0.05	<10
143912		10	4.24	1340	<1	4.46	11	1060	28	<0.01	5	8	243	<20	0.28	<10
143913		10	21.9	907	<1	0.05	1890	60	3	0.07	<5	8	47	<20	0.03	<10
143914		10	23.1	819	<1	0.01	2050	<10	<2	0.07	<5	6	19	<20	<0.01	<10
143915		10	24.1	918	<1	0.01	1905	<10	9	0.09	<5	7	30	<20	<0.01	<10
143916		10	23.4	920	<1	0.01	2110	10	2	0.09	<5	5	17	<20	<0.01	<10
143917		10	23.8	896	<1	0.01	2070	<10	2	0.12	<5	5	32	<20	<0.01	<10
143918		10	23.5	1050	<1	0.01	2100	10	7	0.12	<5	5	34	<20	<0.01	<10
143919		<10	21.1	1115	<1	<0.01	2080	<10	1035	2.38	<5	5	52	<20	<0.01	<10
143920		10	24.5	905	<1	0.01	2030	<10	2	0.10	6	6	44	<20	<0.01	<10
143921		10	0.21	26	<1	0.01	17	30	<2	0.05	<5	<1	4	<20	0.02	<10

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CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001	ME-ICP61 Li ppm 10
143882		<10	105	<10	105		20
143883		<10	108	<10	86		20
143884		<10	101	10	405		40
143885		<10	25	<10	103		<10
143886		<10	30	10	>10000	1.165	10
143887		<10	103	10	865		30
143888		<10	102	<10	235		20
143889		<10	96	10	1395		70
143890		<10	189	<10	2270		30
143891		<10	105	<10	388		30
143892		<10	100	<10	185		20
143893		<10	98	<10	135		20
143894		<10	102	<10	133		20
143895		<10	104	<10	112		20
143896		<10	103	<10	80		20
143897		<10	105	<10	137		20
143898		<10	100	<10	179		30
143899		<10	87	<10	217		30
143900		<10	23	<10	85		<10
143901		<10	29	<10	139		10
143902		<10	4	<10	4		<10
143903		<10	19	<10	55		<10
143904		<10	36	<10	170		<10
143905		<10	37	<10	142		<10
143906		<10	19	<10	558		<10
143907		<10	19	<10	91		<10
143908		<10	20	<10	66		<10
143909		<10	20	<10	79		<10
143910		<10	127	<10	547		40
143911		<10	37	<10	74		10
143912		<10	95	<10	129		30
143913		<10	37	<10	55		<10
143914		<10	24	<10	46		<10
143915		<10	23	<10	73		<10
143916		<10	18	10	42		<10
143917		<10	19	<10	48		<10
143918		<10	19	<10	57		<10
143919		<10	18	10	>10000	3.22	<10
143920		<10	20	<10	88		<10
143921		<10	2	<10	15		<10

ALS Minerals

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CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge

CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
143922		2.90	0.5	0.21	30	10	<0.5	<2	0.16	7.6	98	2060	26	5.58	<10	<0.01
143923		3.68	0.8	0.17	29	20	<0.5	2	0.03	7.9	102	1575	27	5.61	<10	<0.01
143924		2.44	<0.5	0.24	29	40	<0.5	<2	0.11	2.7	112	2190	18	6.29	<10	0.02
143925		3.86	<0.5	6.96	<5	1560	4.1	<2	1.41	1.1	27	306	27	4.56	20	3.16
143926		4.58	<0.5	7.58	5	1890	4.2	<2	1.09	1.4	17	92	41	4.47	20	3.73
143927		5.18	<0.5	7.12	<5	1810	4.0	<2	1.26	<0.5	14	81	24	4.13	20	3.63
143928		3.80	<0.5	7.47	<5	2060	4.5	<2	0.96	0.5	13	72	21	4.16	20	3.93
143929		3.70	<0.5	1.48	24	130	1.5	<2	5.12	1.8	83	1530	10	5.34	10	0.12
143930		3.50	<0.5	1.80	22	110	0.8	<2	5.04	<0.5	68	1335	11	5.71	10	0.12
143931		4.22	<0.5	0.19	37	10	<0.5	<2	0.43	<0.5	100	1855	16	5.42	<10	0.01
143932		3.68	<0.5	0.16	33	10	<0.5	<2	0.39	<0.5	97	1540	16	5.25	<10	0.01
143933		2.30	0.6	0.45	20	50	0.7	<2	0.08	2.7	77	1805	48	4.82	<10	0.01
143934		4.60	<0.5	0.15	29	<10	<0.5	<2	0.37	<0.5	98	1305	10	5.28	<10	<0.01
143935		4.72	<0.5	0.15	24	<10	<0.5	<2	0.39	<0.5	100	1790	7	5.48	<10	<0.01
143936		5.34	<0.5	0.17	34	<10	<0.5	<2	0.27	<0.5	94	1405	10	4.94	<10	<0.01
143937		4.98	<0.5	0.12	22	<10	<0.5	<2	0.17	<0.5	106	1225	7	5.80	<10	<0.01
143938		5.28	<0.5	0.16	27	<10	<0.5	5	0.47	<0.5	99	1380	17	5.39	<10	<0.01
143939		5.20	<0.5	0.16	26	<10	<0.5	2	0.24	<0.5	98	1750	9	5.19	<10	<0.01
143940		4.54	<0.5	0.20	29	10	<0.5	<2	0.95	<0.5	90	1720	11	5.06	<10	<0.01
143941		1.10	<0.5	0.33	<5	40	<0.5	<2	0.02	<0.5	3	44	2	0.32	<10	0.15
143942		5.26	<0.5	0.20	27	<10	<0.5	<2	0.43	<0.5	94	1280	17	5.07	<10	<0.01
143943		4.80	<0.5	0.18	30	<10	<0.5	2	0.37	<0.5	105	1320	13	5.37	<10	<0.01
143944		4.76	<0.5	0.17	26	<10	<0.5	3	0.37	<0.5	98	1470	2	5.43	<10	<0.01
143945		4.66	<0.5	0.15	25	<10	<0.5	<2	0.61	<0.5	100	1410	1	5.46	<10	<0.01
143946		4.80	7.0	0.13	25	10	<0.5	21	2.09	7.8	98	1450	43	5.15	<10	0.01
143947		4.76	<0.5	0.14	25	10	<0.5	5	1.78	<0.5	102	1550	4	5.39	<10	<0.01
143948		8.22	<0.5	3.00	14	60	1.4	3	2.57	<0.5	78	1220	6	5.07	10	0.19
143949		2.24	0.8	8.01	<5	450	2.1	2	0.37	0.5	32	58	3	5.14	20	1.53
143950		4.26	0.7	6.93	6	270	1.7	6	1.72	<0.5	68	1100	17	8.90	20	1.01
143951		5.22	<0.5	7.69	<5	550	1.5	<2	0.57	<0.5	17	38	2	5.57	20	1.31
143952		3.40	<0.5	7.51	<5	420	1.6	2	0.65	<0.5	18	31	2	6.76	20	1.08
143953		5.54	11.8	0.19	10	20	<0.5	25	2.22	6.0	106	2020	1040	7.25	<10	0.01
143954		4.48	7.1	0.75	40	10	0.5	78	3.28	15.9	102	1580	397	7.75	<10	0.01
143955		6.70	0.8	0.17	17	<10	<0.5	3	1.73	1.7	93	1480	49	5.36	<10	0.01
143956		5.58	<0.5	0.16	15	<10	<0.5	<2	0.91	<0.5	98	1550	9	5.33	<10	<0.01
143957		4.66	<0.5	0.15	27	<10	<0.5	2	1.33	<0.5	98	1360	8	5.21	<10	0.01
143958		6.22	<0.5	0.17	25	<10	<0.5	<2	0.99	<0.5	99	1390	8	5.28	<10	0.01
143959		4.90	<0.5	0.17	22	<10	<0.5	2	0.65	<0.5	96	1350	10	5.09	<10	0.01
143960		5.00	<0.5	0.18	13	<10	<0.5	<2	0.68	<0.5	100	1460	2	5.42	<10	0.01
143961		1.26	<0.5	0.41	<5	90	<0.5	<2	0.02	<0.5	2	35	2	0.25	<10	0.20

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Account: WHYRES

Project: Record Ridge

CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
143922		10	22.1	922	<1	0.01	1900	30	75	0.03	<5	7	10	<20	<0.01	<10
143923		<10	21.1	858	<1	0.01	2000	40	36	0.02	<5	7	4	<20	<0.01	<10
143924		10	21.1	996	<1	0.03	2010	40	35	0.03	<5	7	19	<20	0.01	<10
143925		80	4.30	986	<1	2.46	213	2670	59	0.01	<5	10	941	20	0.45	<10
143926		70	2.57	1450	<1	2.44	51	2840	576	0.01	5	10	929	20	0.49	<10
143927		60	2.41	1085	<1	2.53	36	2740	148	0.01	5	10	1025	20	0.47	<10
143928		70	2.97	1340	<1	2.02	33	2760	133	<0.01	5	9	834	20	0.45	<10
143929		20	15.45	2730	<1	0.05	1635	420	69	0.01	<5	6	628	<20	0.07	<10
143930		20	15.25	3060	<1	0.02	1385	550	9	0.01	<5	8	446	<20	0.09	<10
143931		10	21.9	1020	<1	0.01	1995	20	3	0.09	<5	5	30	<20	0.01	<10
143932		10	21.1	910	<1	0.01	1960	20	3	0.03	<5	5	11	<20	<0.01	<10
143933		<10	13.80	1725	<1	0.01	1875	210	70	0.02	5	5	10	<20	0.02	<10
143934		10	23.3	809	<1	0.01	1985	20	4	0.11	<5	5	13	<20	<0.01	<10
143935		10	23.3	921	<1	<0.01	1975	10	3	0.11	<5	6	101	<20	<0.01	<10
143936		10	23.6	964	<1	0.01	1965	<10	2	0.14	<5	7	15	<20	<0.01	<10
143937		10	24.7	862	<1	<0.01	2180	<10	<2	0.13	<5	4	15	<20	<0.01	<10
143938		10	24.3	801	<1	<0.01	1985	<10	<2	0.16	<5	6	46	<20	<0.01	<10
143939		10	23.2	778	<1	<0.01	1890	<10	<2	0.14	<5	5	34	<20	<0.01	<10
143940		10	22.1	815	<1	<0.01	1760	10	6	0.17	<5	6	164	<20	<0.01	<10
143941		10	0.32	33	<1	0.01	27	30	3	0.09	<5	<1	4	<20	0.01	<10
143942		10	23.0	736	<1	<0.01	2070	<10	<2	0.18	<5	7	52	<20	<0.01	<10
143943		10	23.6	806	<1	<0.01	2160	<10	<2	0.15	<5	6	30	<20	<0.01	<10
143944		10	23.5	873	<1	<0.01	1975	<10	<2	0.11	<5	6	15	<20	<0.01	<10
143945		10	23.1	870	<1	<0.01	2010	<10	6	0.13	<5	6	22	<20	<0.01	<10
143946		10	20.9	1075	1	<0.01	1720	20	557	0.34	7	5	488	<20	<0.01	<10
143947		10	22.6	938	<1	<0.01	2130	10	<2	0.22	<5	6	128	<20	<0.01	<10
143948		10	17.75	2060	<1	0.26	1540	210	10	0.29	<5	7	172	<20	0.07	<10
143949		10	5.75	2880	<1	1.43	69	640	50	0.49	<5	8	114	<20	0.22	<10
143950		10	10.75	6220	<1	0.09	1175	540	11	0.35	<5	9	81	<20	0.18	<10
143951		10	3.97	3900	<1	1.64	35	660	10	0.06	<5	9	200	<20	0.24	<10
143952		10	4.27	4810	<1	1.67	24	730	5	0.07	<5	9	231	<20	0.24	<10
143953		10	21.7	1315	<1	0.01	2060	10	513	1.47	10	5	74	<20	<0.01	<10
143954		<10	16.00	1775	1	0.02	1610	70	196	2.77	14	4	145	<20	0.02	<10
143955		10	22.4	1200	<1	<0.01	1910	<10	260	0.29	7	5	43	<20	<0.01	<10
143956		10	24.0	1040	<1	<0.01	2000	<10	5	0.12	<5	5	15	<20	<0.01	<10
143957		10	22.8	1040	<1	<0.01	2010	<10	3	0.21	8	5	37	<20	<0.01	<10
143958		10	24.1	1040	<1	<0.01	2050	<10	11	0.19	5	6	25	<20	<0.01	<10
143959		10	22.4	915	<1	<0.01	2030	<10	3	0.19	<5	6	35	<20	<0.01	<10
143960		10	24.5	946	<1	<0.01	2150	<10	<2	0.07	<5	5	6	<20	<0.01	<10
143961		10	0.26	24	<1	0.01	23	30	2	0.06	<5	<1	1	<20	0.02	<10

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CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001	ME-ICP61 Li ppm 10
143922		<10	28	10	968		<10
143923		<10	32	<10	809		<10
143924		<10	30	<10	179		<10
143925		<10	97	<10	168		20
143926		<10	116	10	881		20
143927		<10	105	<10	164		20
143928		<10	96	10	247		30
143929		<10	34	10	503		40
143930		<10	40	10	122		20
143931		<10	21	<10	53		<10
143932		<10	19	<10	77		<10
143933		<10	27	<10	513		10
143934		<10	18	<10	42		<10
143935		<10	20	<10	45		<10
143936		<10	22	<10	41		<10
143937		<10	18	<10	41		<10
143938		<10	21	<10	53		<10
143939		<10	20	<10	50		<10
143940		<10	23	<10	74		<10
143941		<10	2	10	3		<10
143942		<10	24	<10	49		<10
143943		<10	22	<10	52		<10
143944		<10	20	<10	51		<10
143945		<10	19	<10	55		<10
143946		<10	17	<10	1715		<10
143947		<10	22	<10	92		<10
143948		<10	44	<10	157		20
143949		<10	90	<10	265		50
143950		<10	85	10	385		60
143951		<10	93	<10	193		40
143952		<10	97	10	225		50
143953		<10	17	<10	1615		10
143954		<10	27	<10	3830		10
143955		<10	19	<10	420		<10
143956		<10	19	<10	125		<10
143957		<10	18	<10	109		<10
143958		<10	21	<10	112		<10
143959		<10	19	<10	114		<10
143960		<10	20	<10	93		<10
143961		<10	3	<10	3		<10

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CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
143962		2.38	<0.5	0.18	15	<10	<0.5	2	0.76	<0.5	107	2090	15	5.90	<10	0.01
143963		5.28	<0.5	0.14	19	<10	<0.5	<2	1.83	<0.5	92	1590	17	5.13	<10	0.01
143964		5.00	<0.5	0.10	16	<10	<0.5	3	0.67	<0.5	100	1520	3	5.08	<10	<0.01
143965		5.04	<0.5	0.15	17	<10	<0.5	<2	1.02	<0.5	93	1360	3	4.92	<10	0.01
143966		5.58	<0.5	0.12	16	<10	<0.5	2	0.64	<0.5	103	1830	2	5.24	<10	0.01
143967		5.50	<0.5	0.11	16	<10	<0.5	2	0.13	<0.5	103	1990	1	5.23	<10	0.01
143968		5.34	<0.5	0.15	19	<10	<0.5	4	0.16	<0.5	99	1630	1	5.50	<10	0.02
143969		5.00	<0.5	0.13	29	<10	<0.5	3	0.15	<0.5	105	1650	1	5.34	<10	0.02
143970		5.82	<0.5	0.13	37	<10	<0.5	4	0.15	<0.5	101	1420	3	5.42	<10	0.03
143971		5.58	<0.5	0.09	46	<10	<0.5	4	0.06	<0.5	106	1490	1	5.45	<10	0.02
143972		5.32	<0.5	0.12	30	<10	<0.5	3	0.15	<0.5	107	1380	1	5.21	<10	0.03
143973		4.38	<0.5	0.37	28	30	<0.5	3	0.77	<0.5	100	1920	2	5.48	<10	0.07
143974		4.96	<0.5	0.23	21	<10	<0.5	<2	0.75	1.3	96	1390	26	5.33	<10	<0.01
143975		4.80	<0.5	0.18	19	<10	<0.5	<2	0.86	<0.5	96	1240	11	5.17	<10	0.01

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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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
143962		10	23.5	1165	<1	<0.01	2250	<10	<2	0.11	<5	5	7	<20	<0.01	<10
143963		<10	20.9	800	<1	<0.01	1940	<10	2	0.09	<5	5	24	<20	<0.01	<10
143964		10	23.6	894	<1	<0.01	2070	<10	<2	0.09	<5	5	10	<20	<0.01	<10
143965		10	23.4	854	<1	<0.01	1985	<10	3	0.11	<5	5	14	<20	<0.01	<10
143966		10	24.4	899	<1	<0.01	2080	<10	2	0.14	<5	5	11	<20	<0.01	<10
143967		10	23.9	819	<1	<0.01	2190	<10	2	0.09	<5	5	2	<20	<0.01	<10
143968		10	24.7	819	<1	<0.01	2170	<10	<2	0.08	<5	6	7	<20	<0.01	<10
143969		10	24.6	884	<1	<0.01	2180	<10	2	0.07	<5	5	8	<20	<0.01	<10
143970		10	25.2	1065	<1	<0.01	2090	<10	6	0.09	<5	5	11	<20	<0.01	<10
143971		10	25.7	999	<1	<0.01	2230	<10	2	0.08	<5	4	5	<20	<0.01	<10
143972		10	24.8	1020	<1	<0.01	2230	<10	5	0.06	<5	5	11	<20	<0.01	<10
143973		10	23.6	1100	<1	<0.01	2180	70	5	0.10	<5	6	71	<20	0.02	<10
143974		10	24.7	952	<1	0.01	1905	<10	59	0.12	<5	7	28	<20	<0.01	<10
143975		10	22.9	956	<1	0.02	2040	10	6	0.21	<5	5	64	<20	<0.01	<10

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge

CERTIFICATE OF ANALYSIS VA11171108

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001	ME-ICP61 Li ppm 10
143962		<10	22	<10	149		<10
143963		<10	18	<10	90		<10
143964		<10	17	<10	83		<10
143965		<10	21	<10	86		<10
143966		<10	19	<10	78		<10
143967		<10	20	<10	67		<10
143968		<10	23	<10	70		<10
143969		<10	19	<10	81		<10
143970		<10	20	<10	108		<10
143971		<10	15	<10	80		<10
143972		<10	18	<10	98		<10
143973		<10	23	<10	132		<10
143974		<10	25	<10	421		<10
143975		<10	18	<10	128		<10

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Finalized Date: 5-OCT-2011
Account: WHYRES

CERTIFICATE VA11173873

Project: Record Ridge South
P.O. No.:
This report is for 84 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 30-AUG-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	WEI-21	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
Method / Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
143976	3.54	<0.5	0.23	27	10	<0.5	<2	0.07	<0.5	105	1620	5	5.90	<10	0.01
143977	4.44	<0.5	0.16	24	<10	<0.5	<2	0.36	<0.5	103	1350	2	5.53	<10	<0.01
143978	5.48	<0.5	0.18	26	<10	<0.5	<2	0.38	<0.5	110	2390	13	5.90	<10	<0.01
143979	4.66	<0.5	0.14	29	10	<0.5	<2	0.66	<0.5	104	2000	16	5.62	<10	<0.01
143980	4.82	<0.5	0.15	19	<10	<0.5	<2	0.15	<0.5	106	1660	7	5.78	<10	<0.01
143981	1.92	<0.5	0.39	<5	120	<0.5	2	0.01	<0.5	2	25	5	0.16	<10	0.17
143982	5.12	<0.5	0.20	22	140	<0.5	<2	0.28	<0.5	108	1680	6	5.65	<10	<0.01
143983	5.20	<0.5	0.20	19	360	<0.5	<2	0.12	<0.5	111	2020	5	5.77	<10	<0.01
143984	4.84	<0.5	0.18	16	10	<0.5	<2	0.12	<0.5	106	1270	6	5.65	<10	<0.01
143985	5.04	<0.5	0.17	15	10	<0.5	<2	0.15	<0.5	102	1220	7	5.30	<10	<0.01
143986	4.76	<0.5	0.21	13	10	<0.5	<2	0.27	<0.5	113	2950	12	5.79	<10	<0.01
143987	5.00	<0.5	0.20	16	30	<0.5	<2	0.17	<0.5	116	3190	8	6.09	<10	<0.01
143988	5.32	<0.5	0.21	9	160	<0.5	<2	0.37	<0.5	100	2730	4	5.41	<10	<0.01
143989	6.68	<0.5	0.17	17	200	<0.5	<2	0.53	0.5	101	1700	1	5.38	<10	<0.01
143990	2.78	<0.5	0.13	22	140	<0.5	<2	0.42	<0.5	102	1300	2	5.62	<10	<0.01
143991	3.56	<0.5	0.13	21	140	<0.5	<2	0.46	<0.5	104	1220	4	5.43	<10	<0.01
143992	2.46	6.2	1.07	17	150	<0.5	5	0.34	29.0	114	1750	9	6.11	<10	0.01
143993	1.76	0.9	9.33	5	1200	1.9	<2	1.09	7.9	45	97	13	11.40	30	1.34
143994	4.30	0.9	8.18	<5	2160	4.2	<2	1.42	4.9	15	79	24	4.17	20	3.84
143995	4.44	<0.5	8.00	5	1930	4.2	<2	2.45	<0.5	14	69	22	4.04	20	3.82
143996	4.54	<0.5	7.84	<5	1930	4.1	<2	2.50	<0.5	14	73	23	4.14	20	3.88
143997	5.86	<0.5	8.32	6	1940	4.3	<2	2.30	<0.5	15	79	29	4.30	20	3.92
143998	5.06	<0.5	8.11	6	1940	4.3	<2	2.71	<0.5	15	73	24	4.17	20	3.93
143999	4.56	<0.5	8.33	<5	1970	4.4	<2	2.72	<0.5	15	75	26	4.25	20	4.06
144000	1.42	<0.5	8.54	8	310	0.8	<2	0.23	<0.5	67	1050	55	8.95	20	0.34
144001	5.70	<0.5	0.17	36	20	<0.5	<2	0.30	<0.5	109	2060	42	6.17	<10	0.01
144002	1.32	<0.5	0.36	6	90	<0.5	<2	0.01	<0.5	3	30	2	0.31	<10	0.16
144003	3.76	<0.5	0.14	35	10	<0.5	<2	1.05	<0.5	104	1540	50	5.62	<10	0.01
144004	5.46	1.5	10.60	8	2200	6.0	<2	2.02	12.7	27	359	22	7.77	30	3.69
144005	4.88	3.3	0.71	24	30	<0.5	5	1.75	2.8	91	1340	28	5.43	<10	0.06
144006	1.36	<0.5	0.18	39	<10	<0.5	<2	0.19	<0.5	108	1430	22	5.71	<10	<0.01
144007	8.46	<0.5	0.18	23	<10	<0.5	<2	0.30	<0.5	100	1180	24	5.35	<10	0.01
144008	5.46	<0.5	0.14	34	<10	<0.5	<2	0.15	0.5	110	1560	40	5.92	<10	<0.01
144009	5.32	40.0	0.17	29	10	<0.5	132	0.67	1.7	105	1580	4650	5.60	<10	<0.01
144010	4.76	<0.5	0.14	32	<10	<0.5	<2	0.19	<0.5	107	1460	22	5.67	<10	<0.01
144011	3.24	<0.5	0.16	30	<10	<0.5	<2	0.22	<0.5	107	1290	38	5.58	<10	<0.01
144012	7.54	<0.5	0.17	33	<10	<0.5	<2	0.31	<0.5	104	1390	20	5.55	<10	<0.01
144013	4.46	<0.5	0.20	28	<10	<0.5	<2	0.22	<0.5	105	1400	7	5.49	<10	<0.01
144014	5.16	<0.5	0.16	34	<10	<0.5	<2	0.42	<0.5	104	1570	10	5.39	<10	<0.01
144015	5.36	<0.5	0.25	28	<10	<0.5	<2	0.64	<0.5	105	5420	12	5.35	<10	<0.01

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CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
143976	10	23.4	906	<1	0.02	2070	10	18	0.02	<5	6	7	<20	<0.01	<10
143977	10	25.5	810	<1	0.01	2050	<10	<2	0.05	7	5	10	<20	<0.01	<10
143978	10	24.0	953	<1	<0.01	2120	20	<2	0.05	13	5	49	<20	<0.01	<10
143979	10	24.4	876	<1	<0.01	2080	10	2	0.27	5	5	87	<20	<0.01	<10
143980	10	25.4	916	<1	0.01	2060	10	<2	0.10	<5	5	3	<20	<0.01	<10
143981	10	0.11	11	<1	0.01	14	20	2	0.05	<5	<1	3	<20	0.01	<10
143982	<10	23.8	976	<1	0.01	2080	10	2	0.10	<5	6	16	<20	<0.01	<10
143983	<10	24.7	910	<1	<0.01	2280	<10	4	0.12	<5	4	5	<20	<0.01	<10
143984	<10	23.3	835	<1	0.01	2010	<10	<2	0.11	<5	6	2	<20	<0.01	<10
143985	<10	23.3	828	<1	0.01	2040	10	<2	0.11	<5	5	4	<20	<0.01	<10
143986	<10	24.2	1040	<1	<0.01	2110	<10	2	0.13	<5	5	7	<20	<0.01	<10
143987	<10	24.4	1160	<1	<0.01	2260	10	2	0.13	<5	4	4	<20	<0.01	<10
143988	<10	22.8	871	<1	0.01	2050	<10	<2	0.12	<5	5	20	<20	<0.01	<10
143989	<10	22.4	950	<1	0.01	2030	20	2	0.07	<5	5	54	<20	<0.01	<10
143990	<10	22.9	917	<1	<0.01	2080	20	10	0.09	<5	5	22	<20	<0.01	<10
143991	<10	22.7	945	<1	0.01	2010	20	13	0.06	<5	5	22	<20	<0.01	<10
143992	10	16.90	2690	<1	0.01	2000	310	36	0.02	8	6	20	<20	0.05	<10
143993	110	7.47	9280	<1	0.61	183	3450	17	0.02	<5	11	338	30	0.54	<10
143994	80	2.38	805	<1	2.77	44	2720	25	0.01	<5	10	1175	30	0.46	<10
143995	70	1.92	888	<1	2.99	30	2710	24	0.01	<5	10	1250	30	0.46	<10
143996	70	1.93	950	<1	2.99	33	2700	21	<0.01	<5	9	1195	30	0.46	<10
143997	80	2.03	923	<1	3.01	30	2820	24	<0.01	<5	10	1255	30	0.48	<10
143998	80	2.00	896	<1	2.95	30	2750	23	<0.01	<5	10	1280	30	0.47	<10
143999	80	2.11	850	<1	2.98	29	2780	28	<0.01	<5	10	1290	30	0.48	<10
144000	10	15.65	1700	<1	0.09	925	800	16	0.01	<5	32	62	<20	0.43	<10
144001	<10	22.7	810	<1	0.02	2240	20	3	0.07	<5	5	52	<20	<0.01	<10
144002	10	0.08	24	<1	0.01	8	40	<2	0.05	<5	<1	4	<20	0.02	<10
144003	<10	21.8	1025	<1	0.01	2030	30	6	0.05	<5	5	83	<20	<0.01	<10
144004	120	5.39	8260	<1	0.58	193	3430	2800	0.06	<5	13	763	40	0.54	<10
144005	10	20.9	2040	<1	0.01	1795	200	108	0.31	5	6	657	<20	0.04	<10
144006	<10	24.8	943	<1	0.01	2160	10	4	0.20	<5	6	12	<20	<0.01	<10
144007	<10	23.4	928	<1	0.01	1985	10	8	0.19	<5	6	15	<20	<0.01	<10
144008	<10	23.8	926	<1	<0.01	2260	10	21	0.19	<5	5	4	<20	<0.01	<10
144009	<10	21.0	1080	<1	0.01	1905	10	234	0.83	5	6	205	<20	<0.01	<10
144010	<10	24.0	989	<1	0.01	2170	<10	2	0.15	<5	5	12	<20	<0.01	<10
144011	<10	23.8	908	<1	0.01	2230	<10	9	0.20	<5	6	9	<20	<0.01	<10
144012	<10	22.9	843	<1	0.01	2050	<10	10	0.31	<5	6	22	<20	<0.01	<10
144013	<10	23.3	798	<1	0.01	2160	<10	<2	0.17	<5	5	4	<20	<0.01	10
144014	<10	23.4	803	<1	<0.01	2120	<10	5	0.24	<5	5	8	<20	<0.01	<10
144015	<10	22.4	985	<1	<0.01	2060	<10	2	0.17	<5	5	17	<20	0.01	<10

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn	Li
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	10
143976		<10	26	<10	76	<10
143977		<10	22	<10	40	<10
143978		<10	24	<10	66	<10
143979		<10	19	<10	51	<10
143980		<10	19	<10	47	<10
143981		<10	2	<10	<2	<10
143982		<10	22	<10	54	<10
143983		<10	21	<10	55	<10
143984		<10	21	<10	37	<10
143985		<10	17	<10	37	<10
143986		<10	23	<10	76	<10
143987		<10	24	<10	90	<10
143988		<10	25	<10	59	<10
143989		<10	19	<10	53	<10
143990		<10	20	<10	77	<10
143991		<10	18	<10	99	<10
143992		<10	31	<10	1180	10
143993		<10	113	10	2130	130
143994		<10	99	<10	323	20
143995		<10	101	<10	77	20
143996		<10	103	<10	93	20
143997		<10	107	<10	81	20
143998		<10	105	<10	80	20
143999		<10	108	<10	79	20
144000		<10	250	<10	121	90
144001		<10	21	<10	61	<10
144002		<10	2	<10	<2	<10
144003		<10	18	<10	60	<10
144004		<10	131	10	3170	70
144005		<10	25	<10	687	<10
144006		<10	20	<10	69	<10
144007		<10	20	<10	58	<10
144008		<10	20	<10	68	<10
144009		<10	18	<10	333	<10
144010		<10	17	<10	53	<10
144011		<10	20	<10	60	<10
144012		<10	21	<10	54	<10
144013		<10	19	<10	46	<10
144014		<10	20	<10	48	<10
144015		<10	30	<10	108	<10

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CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144016		3.56	1.6	0.17	16	100	0.6	2	5.93	<0.5	87	1980	46	4.51	<10	<0.01
144017		4.52	1.8	0.78	12	60	0.6	19	1.12	2.3	89	1490	210	5.26	<10	<0.01
144018		5.02	0.9	0.18	16	40	<0.5	<2	2.75	<0.5	102	1940	15	5.17	<10	0.01
144019		4.78	<0.5	1.04	13	90	0.5	<2	0.55	<0.5	94	1650	9	5.45	<10	0.10
144020		4.88	0.5	7.41	<5	1790	4.0	<2	2.36	<0.5	15	80	25	4.02	20	3.68
144021		0.90	<0.5	0.35	<5	120	<0.5	<2	0.02	<0.5	3	27	2	0.23	<10	0.16
144022		5.44	<0.5	7.73	<5	1800	4.2	<2	2.81	<0.5	15	78	24	4.07	20	3.78
144023		5.32	<0.5	7.84	<5	1770	4.3	<2	3.29	<0.5	15	72	24	4.04	20	3.84
144024		4.58	<0.5	7.71	6	1760	4.3	<2	3.20	<0.5	15	77	25	4.03	20	3.81
144025		4.96	<0.5	7.45	<5	1710	4.2	<2	2.85	<0.5	14	72	23	3.94	20	3.71
144026		5.20	<0.5	7.33	7	1800	4.2	<2	2.74	<0.5	15	68	23	4.02	20	3.77
144027		4.90	<0.5	7.41	<5	1810	4.3	<2	2.44	<0.5	15	71	23	3.99	20	3.82
144028		5.24	<0.5	7.70	6	1780	4.3	<2	3.02	<0.5	14	67	24	3.95	20	3.80
144029		4.64	<0.5	7.81	<5	1980	4.2	<2	3.17	<0.5	14	65	21	4.10	20	4.13
144030		5.02	<0.5	7.74	<5	2010	3.9	<2	2.47	<0.5	16	67	19	4.73	20	4.14
144031		4.44	0.5	7.93	<5	1910	4.4	<2	2.20	<0.5	14	67	24	4.11	20	4.05
144032		4.32	0.5	8.05	<5	1910	4.4	<2	2.18	<0.5	15	67	24	4.18	20	4.04
144033		5.40	0.8	0.67	18	20	<0.5	36	0.24	<0.5	103	1410	4	6.12	<10	0.06
144034		5.44	0.5	0.17	25	<10	<0.5	<2	0.17	<0.5	101	1510	6	5.43	<10	0.01
144035		5.52	0.5	0.30	11	10	<0.5	<2	0.21	<0.5	101	1400	8	5.64	<10	0.02
144036		4.56	<0.5	0.14	12	<10	<0.5	<2	0.46	<0.5	97	1520	50	5.18	<10	<0.01
144037		5.44	2.5	2.05	13	30	<0.5	3	2.23	1.0	91	1400	836	6.08	<10	0.04
144038		5.16	0.5	8.22	<5	400	1.6	<2	0.96	<0.5	18	33	17	4.04	10	0.91
144039		4.70	0.5	7.79	<5	460	2.7	<2	0.80	<0.5	16	26	18	2.82	10	1.52
144040		5.54	<0.5	8.04	<5	570	1.3	<2	1.45	<0.5	15	27	10	3.06	10	1.73
144041		1.40	<0.5	0.50	<5	150	<0.5	<2	0.01	<0.5	2	21	2	0.30	<10	0.22
144042		4.82	<0.5	8.31	<5	680	1.0	<2	1.75	<0.5	12	29	8	3.47	10	1.79
144043		2.98	<0.5	7.88	<5	780	1.1	<2	1.60	<0.5	13	28	7	3.39	20	2.02
144044		6.34	<0.5	0.57	16	20	<0.5	<2	2.30	<0.5	106	2590	16	6.04	<10	0.08
144045		5.58	<0.5	0.14	14	<10	<0.5	<2	1.06	<0.5	113	1940	4	6.23	<10	<0.01
144046		6.26	<0.5	1.47	10	10	<0.5	<2	3.12	0.8	86	1610	12	5.83	<10	0.02
144047		5.54	0.9	7.47	5	1870	4.0	<2	3.11	0.5	15	73	26	4.25	20	3.79
144048		5.58	0.5	7.03	<5	1900	3.9	<2	2.99	<0.5	15	65	27	4.29	20	3.95
144049		4.40	1.7	7.06	5	2960	2.7	<2	1.46	1.5	19	62	50	6.28	20	4.71
144050		5.38	1.2	7.19	<5	2210	3.5	<2	2.75	1.9	17	62	38	5.80	20	4.61
144051		5.14	0.7	7.40	<5	2400	3.7	<2	2.78	<0.5	16	62	16	5.08	20	5.18
144052		5.98	<0.5	0.25	21	30	<0.5	<2	1.10	<0.5	94	1660	18	5.24	<10	0.08
144053		4.86	<0.5	0.12	20	<10	<0.5	<2	0.16	<0.5	106	1390	3	5.57	<10	0.03
144054		5.62	<0.5	0.14	19	<10	<0.5	<2	0.08	<0.5	110	1520	11	6.08	<10	0.04
144055		5.34	0.5	0.13	24	<10	<0.5	4	0.18	<0.5	104	1240	23	5.57	<10	0.03

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144016		10	17.05	1635	<1	0.01	1745	10	9	0.17	8	5	378	<20	<0.01	<10
144017		<10	14.65	1835	<1	0.02	1665	140	47	<0.01	8	6	40	<20	0.03	<10
144018		10	20.9	1135	1	0.01	2080	10	24	0.05	7	6	36	<20	<0.01	<10
144019		20	21.7	947	<1	0.02	1800	260	10	0.01	<5	6	21	<20	0.05	<10
144020		60	2.61	803	<1	2.91	44	2640	18	0.01	<5	9	1235	20	0.44	<10
144021		10	0.09	20	<1	0.02	8	40	2	0.03	<5	<1	7	<20	0.02	<10
144022		70	2.21	782	1	2.94	41	2620	23	0.01	<5	9	1235	20	0.45	<10
144023		80	1.86	762	3	3.13	30	2550	21	0.05	<5	9	1250	20	0.45	<10
144024		70	1.87	782	2	3.06	29	2590	19	0.03	<5	9	1250	20	0.45	<10
144025		70	1.92	751	<1	2.92	28	2580	23	0.01	<5	9	1155	20	0.45	<10
144026		60	1.92	771	<1	2.95	27	2570	21	<0.01	<5	8	1175	20	0.45	<10
144027		60	2.00	715	1	2.90	28	2640	22	0.01	<5	9	1130	20	0.45	<10
144028		70	1.89	802	1	2.98	25	2560	23	<0.01	<5	9	1240	20	0.44	<10
144029		70	1.89	1190	<1	2.77	26	2610	23	<0.01	<5	9	1240	20	0.45	<10
144030		70	2.20	1620	<1	2.41	30	2640	25	<0.01	<5	9	1155	20	0.46	<10
144031		70	2.22	1065	<1	2.74	28	2720	34	<0.01	<5	10	1155	20	0.46	<10
144032		80	2.34	1120	<1	2.57	27	2730	41	0.01	<5	10	1180	20	0.46	<10
144033		10	24.9	1375	2	0.02	2100	160	59	0.11	<5	6	21	<20	0.03	<10
144034		10	24.9	900	1	0.01	2020	10	2	0.10	<5	5	11	<20	<0.01	<10
144035		10	23.9	983	1	0.01	2030	50	<2	0.12	<5	6	10	<20	0.01	<10
144036		10	23.6	926	1	<0.01	1915	<10	7	0.19	6	5	9	<20	<0.01	<10
144037		10	19.85	1990	1	0.01	1525	140	17	0.19	5	6	55	<20	0.05	<10
144038		10	3.75	1995	<1	3.32	26	690	25	0.01	<5	8	306	<20	0.23	<10
144039		20	3.37	1130	<1	2.93	30	580	51	0.01	<5	8	285	<20	0.20	<10
144040		10	2.46	1350	<1	2.81	20	670	49	<0.01	<5	9	336	<20	0.24	<10
144041		10	0.05	29	<1	0.02	2	30	<2	0.05	<5	1	6	<20	0.02	<10
144042		10	2.29	1515	<1	2.65	14	680	25	0.01	<5	10	340	<20	0.25	<10
144043		10	3.49	1460	<1	1.60	20	660	25	<0.01	<5	9	304	<20	0.23	<10
144044		10	23.9	1240	2	0.02	2060	40	9	0.09	<5	5	50	<20	0.01	<10
144045		10	25.9	1260	1	0.01	2220	<10	<2	0.15	<5	4	34	<20	<0.01	<10
144046		10	19.80	2020	1	0.02	1710	160	11	0.14	<5	5	50	<20	0.04	<10
144047		70	2.24	1380	2	2.66	43	2580	26	0.02	<5	9	1215	20	0.44	<10
144048		60	1.86	1270	2	2.50	33	2490	26	0.06	<5	8	1155	20	0.43	<10
144049		60	2.07	3480	<1	0.92	30	2510	34	0.07	<5	8	744	20	0.41	<10
144050		60	2.07	4170	1	1.12	29	2650	54	0.13	<5	8	794	20	0.40	<10
144051		60	2.11	3660	3	1.16	30	2710	72	0.25	<5	8	830	20	0.40	<10
144052		10	23.5	1360	1	0.02	1960	50	10	0.15	11	4	163	<20	0.01	<10
144053		10	25.3	1040	2	0.01	2150	10	5	0.11	<5	5	19	<20	<0.01	<10
144054		10	25.2	1090	<1	0.01	2280	10	9	0.10	<5	6	6	<20	<0.01	<10
144055		10	24.5	1020	<1	0.01	2070	<10	10	0.12	<5	5	14	<20	<0.01	<10

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144016		<10	18	<10	70	<10
144017		<10	44	<10	434	10
144018		<10	21	<10	72	<10
144019		<10	33	<10	63	20
144020		<10	98	<10	69	20
144021		<10	3	<10	<2	<10
144022		<10	102	<10	69	20
144023		<10	101	<10	67	20
144024		<10	102	10	68	20
144025		<10	100	10	68	20
144026		<10	100	<10	67	20
144027		<10	101	<10	66	30
144028		<10	98	10	74	20
144029		<10	100	<10	88	30
144030		<10	102	10	125	40
144031		<10	102	10	100	30
144032		<10	102	<10	152	20
144033		<10	24	10	92	10
144034		<10	19	<10	80	<10
144035		<10	19	<10	72	<10
144036		<10	16	<10	93	<10
144037		<10	31	10	247	30
144038		10	79	10	169	50
144039		10	68	<10	86	40
144040		10	81	<10	130	30
144041		<10	3	<10	3	10
144042		10	92	<10	116	40
144043		10	84	<10	114	50
144044		<10	24	<10	167	10
144045		<10	18	<10	178	<10
144046		<10	31	<10	289	20
144047		<10	100	<10	235	30
144048		<10	97	<10	119	20
144049		<10	95	10	781	50
144050		<10	113	10	715	50
144051		<10	99	10	290	40
144052		<10	18	<10	122	<10
144053		<10	16	<10	111	<10
144054		<10	18	<10	108	<10
144055		<10	16	<10	100	<10

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Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144056	5.82	<0.5	0.19	19	10	<0.5	4	0.11	<0.5	103	1880	23	5.58	<10	0.04
144057	5.12	<0.5	0.21	21	<10	<0.5	4	0.23	<0.5	114	2970	10	5.95	<10	0.01
144058	2.86	<0.5	0.14	35	10	<0.5	4	0.14	<0.5	110	1400	37	5.80	<10	0.01
144059	Not Recvd														

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Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144056		10	23.8	978	1	0.02	2130	10	6	0.13	<5	6	8	<20	<0.01	<10
144057		10	25.8	1050	<1	<0.01	2190	<10	<2	0.13	<5	5	7	<20	<0.01	<10
144058		10	25.1	906	<1	<0.01	2200	<10	6	0.18	<5	5	4	<20	<0.01	<10
144059																

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Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South

CERTIFICATE OF ANALYSIS VA11173873

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144056		<10	21	<10	114	<10
144057		<10	23	<10	74	<10
144058		<10	18	<10	44	<10
144059						

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Finalized Date: 5-OCT-2011
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CERTIFICATE VA11173176

Project: Record Ridge South Mg Exp.

P.O. No.:

This report is for 82 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-SEP-2011.

The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-OCT-2011
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Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144059		4.38	<0.5	0.18	29	10	<0.5	<2	0.41	<0.5	108	1975	1	5.61	<10	0.03
144060		4.14	<0.5	0.14	32	10	<0.5	<2	0.32	<0.5	102	1835	2	5.59	<10	0.01
144061		5.06	<0.5	0.29	34	<10	<0.5	<2	0.17	<0.5	113	7550	1	5.80	<10	<0.01
144062		1.36	<0.5	0.53	<5	270	<0.5	<2	0.01	<0.5	3	49	1	0.31	<10	0.24
144063		5.56	<0.5	0.12	39	<10	<0.5	<2	0.13	<0.5	114	1755	1	5.74	<10	<0.01
144064		5.38	<0.5	0.16	24	<10	<0.5	<2	0.17	<0.5	102	1540	1	5.48	<10	<0.01
144065		5.04	<0.5	0.16	33	<10	<0.5	<2	0.25	<0.5	110	2390	1	5.97	<10	<0.01
144066		5.12	<0.5	0.17	26	<10	<0.5	<2	0.33	<0.5	96	1545	1	5.09	<10	<0.01
144067		5.10	<0.5	0.15	26	<10	<0.5	<2	0.29	<0.5	106	1460	1	5.38	<10	<0.01
144068		5.44	<0.5	0.16	22	<10	<0.5	<2	0.17	<0.5	101	1660	4	5.26	<10	<0.01
144069		5.46	<0.5	0.13	29	<10	<0.5	<2	0.23	<0.5	101	1375	1	5.31	<10	<0.01
144070		5.00	<0.5	0.17	23	<10	<0.5	<2	0.41	<0.5	95	1300	1	5.01	<10	<0.01
144071		5.22	<0.5	0.16	22	<10	<0.5	<2	0.23	<0.5	99	2010	2	5.37	<10	<0.01
144072		5.52	<0.5	0.14	19	<10	<0.5	<2	0.26	<0.5	103	1465	2	5.16	<10	<0.01
144073		4.74	<0.5	0.16	21	<10	<0.5	<2	0.23	<0.5	102	1875	2	5.52	<10	<0.01
144074		6.02	<0.5	0.15	25	<10	<0.5	<2	0.10	<0.5	99	1370	<1	5.04	<10	<0.01
144075		4.70	<0.5	0.18	26	<10	<0.5	<2	0.17	<0.5	111	1760	2	5.80	<10	<0.01
144076		5.10	<0.5	0.21	27	<10	<0.5	<2	0.14	<0.5	114	2100	3	5.63	<10	<0.01
144077		5.22	<0.5	0.18	29	<10	<0.5	<2	0.25	<0.5	101	1510	4	5.12	<10	<0.01
144078		5.52	<0.5	0.38	28	60	<0.5	<2	0.47	<0.5	107	1860	3	5.40	<10	0.07
144079		5.00	<0.5	0.27	29	30	<0.5	<2	0.26	<0.5	108	1370	3	5.35	<10	0.04
144080		4.62	<0.5	0.12	33	<10	<0.5	<2	0.19	<0.5	108	1390	4	5.32	<10	<0.01
144081		1.56	<0.5	0.38	<5	100	<0.5	<2	0.01	<0.5	3	29	1	0.23	<10	0.18
144082		5.24	<0.5	0.09	21	<10	<0.5	<2	0.57	<0.5	90	1150	7	4.74	<10	<0.01
144083		5.00	<0.5	0.15	32	<10	<0.5	<2	0.09	<0.5	98	1150	2	5.31	<10	<0.01
144084		3.94	<0.5	0.12	34	<10	<0.5	<2	0.23	<0.5	99	950	2	4.88	<10	<0.01
144085		6.24	<0.5	0.13	26	10	<0.5	<2	0.17	<0.5	101	1280	1	5.67	<10	<0.01
144086		5.48	<0.5	0.15	30	<10	<0.5	<2	0.19	<0.5	96	1460	1	5.49	<10	<0.01
144087		5.12	<0.5	0.16	26	<10	<0.5	<2	0.17	<0.5	97	1100	1	5.33	<10	<0.01
144088		5.00	<0.5	0.12	28	<10	<0.5	<2	0.32	<0.5	91	1080	2	5.05	<10	<0.01
144089		5.34	<0.5	0.14	38	<10	<0.5	<2	0.14	<0.5	101	1860	4	5.19	<10	<0.01
144090		5.18	<0.5	0.14	43	<10	<0.5	<2	0.09	<0.5	101	1760	5	5.19	<10	<0.01
144091		5.38	<0.5	0.15	39	<10	<0.5	<2	0.02	<0.5	103	2330	4	5.24	<10	<0.01
144092		5.10	<0.5	0.14	36	<10	<0.5	<2	0.22	<0.5	98	2170	3	5.50	<10	<0.01
144093		5.04	<0.5	0.14	36	<10	<0.5	<2	0.22	<0.5	96	1510	2	5.32	<10	<0.01
144094		5.36	<0.5	0.18	28	<10	<0.5	<2	0.20	<0.5	97	1270	3	5.03	<10	<0.01
144095		4.68	<0.5	0.15	18	<10	<0.5	<2	0.10	<0.5	95	1240	2	5.21	<10	<0.01
144096		5.60	<0.5	0.14	16	<10	<0.5	<2	0.09	<0.5	100	1750	3	5.49	<10	<0.01
144097		4.38	<0.5	0.13	20	<10	<0.5	<2	0.06	<0.5	96	1310	5	5.28	<10	<0.01
144098		5.06	<0.5	0.15	18	<10	<0.5	<2	0.16	<0.5	97	1320	9	5.23	<10	<0.01

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Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description / Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144059	10	22.5	887	<1	0.02	2200	20	3	0.08	<5	4	22	<20	0.01	<10
144060	10	20.5	1005	<1	0.01	1970	20	81	0.14	6	5	15	<20	<0.01	<10
144061	10	22.6	1055	<1	0.01	2130	<10	<2	0.11	<5	5	5	<20	0.01	10
144062	10	0.17	30	<1	0.01	15	30	<2	0.08	<5	1	6	<20	0.02	<10
144063	10	25.7	937	<1	<0.01	2380	10	<2	0.14	<5	5	6	<20	<0.01	<10
144064	10	24.2	853	<1	0.01	2030	<10	<2	0.11	<5	6	5	<20	<0.01	<10
144065	10	23.7	920	<1	0.01	2260	<10	<2	0.14	<5	5	8	<20	<0.01	<10
144066	10	22.6	967	<1	0.01	1775	10	15	0.10	<5	5	14	<20	<0.01	<10
144067	10	23.2	1020	<1	<0.01	1950	<10	<2	0.15	<5	5	11	<20	<0.01	<10
144068	10	23.2	841	<1	0.01	2050	<10	<2	0.14	<5	5	5	<20	<0.01	<10
144069	10	23.6	867	<1	<0.01	2100	<10	<2	0.14	<5	5	6	<20	<0.01	<10
144070	10	21.9	923	<1	0.01	1895	<10	2	0.20	<5	5	14	<20	<0.01	<10
144071	10	23.2	1015	<1	0.01	1990	10	<2	0.16	<5	5	9	<20	<0.01	<10
144072	10	23.3	800	<1	0.01	2230	<10	<2	0.17	<5	5	11	<20	<0.01	<10
144073	10	23.4	842	<1	0.01	2070	<10	<2	0.16	<5	5	9	<20	<0.01	<10
144074	10	23.4	754	<1	0.01	1975	<10	<2	0.12	<5	5	4	<20	<0.01	<10
144075	10	26.3	906	<1	0.01	2230	10	3	0.12	<5	5	5	<20	<0.01	<10
144076	10	25.6	990	<1	0.01	2190	10	8	0.11	<5	5	7	<20	<0.01	<10
144077	<10	24.8	800	<1	0.01	2000	<10	12	0.16	9	5	17	<20	<0.01	<10
144078	10	24.8	833	<1	0.02	2060	140	6	0.19	<5	5	36	<20	0.03	<10
144079	10	25.2	879	<1	0.01	2100	80	6	0.16	<5	5	22	<20	0.02	<10
144080	<10	25.9	876	<1	<0.01	2130	10	<2	0.19	<5	4	9	<20	<0.01	<10
144081	10	0.16	18	<1	0.01	13	30	21	0.05	<5	<1	4	<20	0.02	<10
144082	<10	22.8	823	<1	<0.01	1990	20	10	0.18	8	3	39	<20	<0.01	<10
144083	<10	23.9	805	<1	0.01	2090	<10	6	0.11	<5	5	4	<20	<0.01	<10
144084	<10	23.4	854	<1	<0.01	2100	<10	5	0.12	<5	4	7	<20	<0.01	<10
144085	<10	23.6	876	<1	0.01	2070	<10	2	0.10	<5	5	6	<20	<0.01	<10
144086	<10	23.2	837	<1	0.01	1990	<10	2	0.10	<5	5	6	<20	<0.01	<10
144087	<10	23.3	770	<1	0.01	2030	<10	4	0.09	<5	5	8	<20	<0.01	<10
144088	<10	23.5	764	<1	<0.01	2010	10	3	0.11	<5	5	17	<20	<0.01	<10
144089	<10	23.9	1015	<1	<0.01	2340	10	<2	0.13	<5	4	7	<20	<0.01	<10
144090	<10	23.7	949	<1	0.01	2370	10	4	0.12	<5	4	5	<20	<0.01	<10
144091	<10	23.8	917	<1	<0.01	2250	<10	<2	0.10	<5	3	2	<20	<0.01	<10
144092	<10	23.0	998	<1	<0.01	2150	10	<2	0.11	<5	4	18	<20	<0.01	<10
144093	<10	23.7	1015	<1	0.01	2020	<10	2	0.11	<5	5	12	<20	<0.01	<10
144094	<10	23.2	830	<1	0.01	2090	10	<2	0.10	<5	6	8	<20	<0.01	<10
144095	<10	23.6	829	<1	0.01	2030	<10	<2	0.09	<5	5	6	<20	<0.01	<10
144096	<10	23.0	850	<1	0.01	2070	<10	3	0.10	<5	5	7	<20	<0.01	<10
144097	<10	23.1	821	<1	0.01	2030	<10	<2	0.09	<5	5	4	<20	<0.01	<10
144098	<10	23.8	724	<1	0.01	2060	<10	<2	0.10	<5	6	12	<20	<0.01	<10

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144059		<10	17	<10	54	<10
144060		<10	18	<10	58	<10
144061		<10	35	<10	100	<10
144062		<10	4	<10	<2	<10
144063		<10	17	<10	44	<10
144064		<10	19	<10	36	<10
144065		<10	20	<10	47	<10
144066		<10	17	<10	52	10
144067		<10	17	<10	40	<10
144068		<10	18	<10	40	<10
144069		<10	16	<10	37	<10
144070		<10	19	<10	40	<10
144071		<10	20	<10	53	<10
144072		<10	17	<10	40	<10
144073		<10	19	<10	44	<10
144074		<10	17	<10	36	<10
144075		<10	19	<10	53	<10
144076		<10	20	<10	75	<10
144077		<10	17	<10	53	<10
144078		<10	22	<10	55	<10
144079		<10	17	<10	50	<10
144080		<10	14	<10	51	<10
144081		<10	3	<10	21	<10
144082		<10	12	<10	51	<10
144083		<10	16	<10	58	<10
144084		<10	14	<10	43	<10
144085		<10	17	<10	43	<10
144086		<10	18	<10	46	<10
144087		<10	17	<10	41	<10
144088		<10	16	<10	42	<10
144089		<10	16	<10	72	<10
144090		<10	16	<10	57	<10
144091		<10	18	<10	73	<10
144092		<10	19	<10	68	<10
144093		<10	19	<10	59	<10
144094		<10	21	<10	48	<10
144095		<10	19	<10	45	<10
144096		<10	19	<10	49	<10
144097		<10	18	<10	41	<10
144098		<10	19	<10	37	<10

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CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144099		5.04	<0.5	0.12	26	<10	<0.5	<2	0.11	<0.5	91	1130	6	5.24	<10	<0.01
144100		4.76	<0.5	0.14	17	<10	<0.5	<2	0.15	<0.5	92	1240	9	5.05	<10	<0.01
144101		1.14	<0.5	0.37	6	150	<0.5	<2	0.01	<0.5	22	689	5	1.38	<10	0.16
144102		4.64	<0.5	0.12	21	<10	<0.5	<2	0.17	<0.5	94	1170	6	4.84	<10	<0.01
144103		5.28	<0.5	0.14	18	<10	<0.5	<2	0.09	<0.5	97	1400	14	5.28	<10	<0.01
144104		5.06	<0.5	0.14	27	<10	<0.5	<2	0.13	<0.5	97	1220	8	5.29	<10	<0.01
144105		4.56	<0.5	0.13	25	<10	<0.5	<2	0.13	<0.5	99	1480	5	4.95	<10	<0.01
144106		5.30	<0.5	0.14	23	<10	<0.5	<2	0.14	<0.5	98	1410	5	5.21	<10	<0.01
144107		4.98	<0.5	0.14	19	<10	<0.5	<2	0.04	<0.5	95	1260	5	5.37	<10	<0.01
144108		6.14	<0.5	0.15	22	<10	<0.5	<2	0.15	<0.5	98	1240	4	5.41	<10	<0.01
144109		3.50	<0.5	0.14	14	10	<0.5	<2	0.73	<0.5	88	1390	6	4.78	<10	<0.01
144110		5.52	<0.5	0.14	10	10	0.5	<2	1.09	<0.5	88	1160	5	4.69	<10	<0.01
144111		1.92	1.9	4.41	6	50	0.7	<2	2.30	9.0	71	960	111	8.25	10	0.07
144112		4.84	<0.5	0.15	18	<10	<0.5	<2	1.08	<0.5	93	1160	29	5.05	<10	<0.01
144113		4.80	<0.5	0.18	16	<10	<0.5	<2	1.78	<0.5	95	1350	18	5.01	<10	0.01
144114		4.96	<0.5	0.17	20	<10	<0.5	<2	0.80	<0.5	95	1200	11	5.17	<10	<0.01
144115		4.44	<0.5	0.25	23	<10	<0.5	<2	1.39	<0.5	106	1780	21	5.90	<10	<0.01
144116		5.28	<0.5	0.15	22	<10	<0.5	<2	0.71	<0.5	102	1300	8	5.40	<10	<0.01
144117		5.26	<0.5	0.11	19	<10	<0.5	<2	0.50	<0.5	99	997	21	5.15	<10	<0.01
144118		5.38	<0.5	0.20	27	<10	<0.5	<2	0.36	<0.5	104	1740	118	5.59	<10	<0.01
144119		4.80	<0.5	0.18	22	<10	<0.5	<2	0.28	<0.5	104	1480	18	5.61	<10	<0.01
144120		1.32	<0.5	0.42	8	110	<0.5	<2	0.01	<0.5	3	25	4	0.35	<10	0.19
144121		3.34	<0.5	0.18	27	70	<0.5	<2	0.27	2.0	88	1650	21	5.53	<10	0.01
144122		5.38	<0.5	0.14	21	<10	<0.5	<2	0.28	<0.5	101	1460	5	5.61	<10	<0.01
144123		4.92	<0.5	0.18	26	<10	<0.5	<2	0.16	<0.5	96	1280	9	5.28	<10	<0.01
144124		5.04	<0.5	0.16	27	<10	<0.5	<2	0.20	<0.5	98	1280	6	4.99	<10	0.01
144125		4.82	<0.5	0.16	22	<10	<0.5	<2	0.11	<0.5	105	1450	5	5.72	<10	<0.01
144126		4.60	<0.5	0.19	27	<10	<0.5	<2	0.10	<0.5	102	1200	8	5.55	<10	0.01
144127		5.40	<0.5	0.22	31	<10	<0.5	<2	0.17	<0.5	103	1350	5	5.46	<10	<0.01
144128		4.76	<0.5	0.20	27	<10	<0.5	<2	0.12	<0.5	100	1140	5	5.29	<10	<0.01
144129		5.34	<0.5	0.21	27	<10	<0.5	<2	0.25	<0.5	100	1230	12	5.49	<10	<0.01
144130		5.46	<0.5	0.22	26	<10	<0.5	<2	0.19	<0.5	103	1180	6	5.40	<10	<0.01
144131		5.34	<0.5	0.54	37	50	<0.5	<2	0.28	2.6	95	1560	15	5.29	<10	0.24
144132		5.50	<0.5	0.18	29	<10	<0.5	<2	0.10	<0.5	101	1220	4	5.40	<10	<0.01
144133		5.16	<0.5	0.17	18	<10	<0.5	<2	0.24	<0.5	106	1510	6	5.78	<10	<0.01
144134		5.26	<0.5	0.12	16	<10	<0.5	<2	0.45	<0.5	102	1300	29	5.25	<10	<0.01
144135		4.86	<0.5	0.22	21	<10	<0.5	<2	0.65	<0.5	113	1560	16	6.49	<10	<0.01
144136		5.20	<0.5	0.15	17	<10	<0.5	<2	0.60	<0.5	105	1190	2	5.58	<10	<0.01
144137		4.96	<0.5	0.18	20	<10	<0.5	<2	0.32	<0.5	103	1390	1	5.52	<10	<0.01
144138		5.12	<0.5	0.16	31	<10	<0.5	<2	0.11	<0.5	107	1550	2	5.39	<10	<0.01

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Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144099		<10	23.0	679	<1	0.01	2130	10	<2	0.09	<5	5	8	<20	<0.01	<10
144100		<10	22.5	676	<1	0.01	1915	<10	<2	0.14	<5	5	10	<20	<0.01	<10
144101		10	5.18	188	<1	0.01	477	20	<2	0.07	<5	1	5	<20	0.01	<10
144102		<10	23.9	923	<1	<0.01	2010	10	<2	0.11	<5	5	10	<20	<0.01	<10
144103		<10	23.0	689	<1	0.01	2140	10	2	0.11	<5	5	7	<20	<0.01	<10
144104		<10	22.8	803	<1	0.01	2040	10	<2	0.10	<5	6	10	<20	<0.01	<10
144105		<10	22.8	943	<1	0.01	2220	10	<2	0.11	<5	5	15	<20	<0.01	<10
144106		<10	23.9	958	<1	0.01	2150	<10	<2	0.09	<5	5	9	<20	<0.01	<10
144107		<10	23.8	874	<1	0.02	2040	<10	<2	0.07	<5	6	3	<20	<0.01	<10
144108		<10	22.9	911	<1	0.01	2160	10	2	0.06	<5	5	33	<20	<0.01	<10
144109		<10	22.3	987	<1	<0.01	1935	60	2	0.02	<5	5	7	<20	<0.01	<10
144110		<10	21.7	1030	<1	0.01	1955	30	2	0.03	<5	5	13	<20	<0.01	<10
144111		20	13.60	4140	<1	0.02	1005	1520	485	0.01	<5	10	83	<20	0.30	<10
144112		10	23.0	936	<1	<0.01	1935	10	5	0.13	6	5	26	<20	<0.01	<10
144113		10	23.0	1015	<1	0.01	1950	20	7	0.12	5	5	41	<20	<0.01	<10
144114		10	23.3	1070	<1	<0.01	1930	20	5	0.10	5	6	20	<20	<0.01	<10
144115		10	22.9	1110	<1	<0.01	2030	40	8	0.24	7	5	45	<20	0.01	<10
144116		10	24.7	1070	<1	<0.01	2040	10	<2	0.11	5	5	14	<20	<0.01	<10
144117		10	24.3	1040	<1	0.01	2000	10	2	0.08	<5	4	42	<20	<0.01	<10
144118		10	24.2	1115	<1	0.01	2030	10	<2	0.09	6	6	17	<20	<0.01	<10
144119		10	23.7	992	<1	0.02	2120	30	<2	0.06	6	7	17	<20	<0.01	<10
144120		10	0.21	26	<1	0.01	20	30	3	0.11	<5	<1	4	<20	0.02	<10
144121		10	21.2	1110	<1	0.02	1875	60	18	0.09	18	5	18	<20	<0.01	10
144122		10	23.9	1075	<1	0.01	2030	30	<2	0.05	<5	5	19	<20	<0.01	<10
144123		10	24.5	885	<1	0.01	2070	10	<2	0.08	<5	6	3	<20	<0.01	<10
144124		10	25.0	1025	<1	0.01	2030	10	<2	0.08	<5	6	4	<20	<0.01	<10
144125		10	24.7	1060	<1	0.01	2020	10	<2	0.07	9	5	4	<20	<0.01	<10
144126		10	24.4	865	<1	0.01	2110	10	<2	0.07	<5	6	4	<20	<0.01	<10
144127		10	25.1	927	<1	0.01	2140	10	<2	0.07	7	7	9	<20	<0.01	<10
144128		10	25.4	987	<1	0.01	2150	10	3	0.06	<5	6	5	<20	<0.01	<10
144129		10	25.1	1010	<1	0.01	2100	10	<2	0.05	6	6	4	<20	<0.01	<10
144130		10	26.0	1105	<1	0.01	2120	10	5	0.04	<5	6	12	<20	<0.01	<10
144131		10	25.0	987	<1	0.02	1920	60	2	0.13	<5	6	9	<20	0.02	<10
144132		10	25.8	876	<1	0.02	2150	10	<2	0.06	6	6	4	<20	<0.01	<10
144133		10	25.9	879	<1	0.01	2080	10	<2	0.09	<5	6	3	<20	<0.01	<10
144134		10	24.0	843	<1	<0.01	1730	10	2	0.09	5	6	5	<20	<0.01	<10
144135		10	23.3	919	<1	0.01	2140	30	2	0.09	6	6	7	<20	<0.01	<10
144136		10	25.0	906	<1	0.01	2160	10	2	0.10	<5	5	8	<20	<0.01	<10
144137		10	24.9	883	<1	0.01	2080	<10	3	0.08	<5	6	4	<20	<0.01	<10
144138		10	25.3	851	<1	<0.01	2260	10	2	0.09	<5	6	4	<20	<0.01	<10

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 5-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn	Li
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	10
144099		<10	17	<10	33	<10
144100		<10	17	<10	44	<10
144101		<10	7	<10	12	<10
144102		<10	16	<10	47	<10
144103		<10	18	<10	59	<10
144104		<10	19	<10	64	<10
144105		<10	22	<10	75	<10
144106		<10	22	<10	70	<10
144107		<10	25	<10	72	<10
144108		<10	23	<10	66	<10
144109		<10	24	<10	66	<10
144110		<10	20	<10	62	<10
144111		<10	114	<10	3710	50
144112		<10	19	<10	75	<10
144113		<10	17	<10	78	<10
144114		<10	17	<10	81	<10
144115		<10	24	<10	109	<10
144116		<10	17	<10	85	<10
144117		<10	15	<10	64	<10
144118		<10	20	<10	88	<10
144119		<10	16	<10	71	<10
144120		<10	4	<10	5	<10
144121		<10	20	<10	612	<10
144122		<10	18	<10	80	<10
144123		<10	19	<10	80	<10
144124		<10	18	<10	77	<10
144125		<10	22	<10	77	<10
144126		<10	20	<10	73	<10
144127		<10	20	<10	68	<10
144128		<10	20	<10	66	<10
144129		<10	20	<10	66	<10
144130		<10	22	<10	62	<10
144131		<10	26	<10	375	<10
144132		<10	22	<10	44	<10
144133		<10	23	<10	46	<10
144134		<10	18	<10	44	<10
144135		<10	23	<10	51	<10
144136		<10	18	<10	47	<10
144137		<10	21	<10	46	<10
144138		<10	20	<10	49	<10

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Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144139		4.76	<0.5	0.13	22	<10	<0.5	<2	0.48	<0.5	103	1210	23	5.22	<10	<0.01
144140		4.94	<0.5	0.14	38	<10	<0.5	<2	0.13	<0.5	104	2570	4	5.07	<10	<0.01

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Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144139		10	24.6	1070	<1	0.01	2020	10	<2	0.09	<5	4	45	<20	<0.01	<10
144140		10	24.9	1000	<1	<0.01	2260	10	2	0.12	9	4	6	<20	<0.01	<10

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Project: Record Ridge South Mg Exp.

CERTIFICATE OF ANALYSIS VA11173176

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144139		<10	17	<10	70	<10
144140		<10	17	<10	80	<10

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Finalized Date: 8-OCT-2011
Account: WHYRES

CERTIFICATE VA11180945

Project: Record Ridge South Mg Exp
P.O. No.:
This report is for 83 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp

CERTIFICATE OF ANALYSIS VA11180945

Sample Description	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144141	6.46	<0.5	0.22	16	10	<0.5	<2	0.33	<0.5	95	1335	14	5.13	<10	0.01
144142	1.12	<0.5	0.39	<5	90	<0.5	<2	0.02	<0.5	1	37	5	0.29	<10	0.17
144143	4.74	<0.5	0.07	<5	<10	<0.5	<2	0.16	<0.5	37	621	4	1.95	<10	<0.01
144144	5.24	<0.5	0.21	13	<10	<0.5	<2	0.23	<0.5	91	1110	11	4.96	<10	<0.01
144145	5.02	<0.5	0.20	12	<10	<0.5	<2	0.19	<0.5	95	1365	7	5.07	<10	<0.01
144146	4.96	<0.5	0.23	14	<10	<0.5	<2	0.25	<0.5	102	2310	10	5.72	<10	<0.01
144147	5.12	<0.5	0.17	16	<10	<0.5	<2	0.43	<0.5	98	1305	8	5.46	<10	<0.01
144148	4.82	<0.5	0.14	17	<10	<0.5	<2	0.19	<0.5	105	1560	8	5.58	<10	<0.01
144149	4.82	<0.5	0.15	15	<10	<0.5	<2	0.10	<0.5	97	1285	8	5.51	<10	<0.01
144150	5.22	<0.5	0.16	18	<10	<0.5	<2	0.36	<0.5	100	1340	7	5.43	<10	<0.01
144151	4.80	<0.5	0.16	17	<10	<0.5	<2	0.44	<0.5	92	1380	7	5.08	<10	<0.01
144152	5.00	<0.5	0.14	18	<10	<0.5	<2	0.29	<0.5	96	1315	3	5.25	<10	<0.01
144153	4.98	<0.5	0.09	17	<10	<0.5	<2	0.16	<0.5	105	1440	9	5.55	<10	<0.01
144154	4.78	<0.5	0.09	16	<10	<0.5	<2	0.25	<0.5	98	1450	6	4.96	<10	<0.01
144155	5.08	<0.5	0.14	20	<10	<0.5	<2	0.18	<0.5	96	1425	3	5.41	<10	<0.01
144156	4.54	<0.5	0.13	25	<10	<0.5	<2	0.32	<0.5	96	1305	6	5.21	<10	<0.01
144157	4.70	<0.5	0.16	24	<10	<0.5	<2	0.47	<0.5	88	1485	3	5.04	<10	<0.01
144158	5.04	<0.5	0.15	22	<10	<0.5	<2	0.31	<0.5	93	1480	4	5.03	<10	<0.01
144159	4.80	<0.5	0.14	16	<10	<0.5	<2	0.79	<0.5	94	1970	3	5.37	<10	<0.01
144160	4.72	<0.5	0.47	18	<10	<0.5	<2	0.89	<0.5	84	1535	8	4.73	<10	0.01
144161	1.04	<0.5	0.30	<5	60	<0.5	<2	0.02	<0.5	4	43	7	0.30	<10	0.13
144162	4.82	<0.5	0.10	17	<10	<0.5	<2	0.45	<0.5	106	1730	4	5.49	<10	<0.01
144163	4.84	<0.5	0.12	14	<10	<0.5	<2	0.19	<0.5	102	1560	4	5.16	<10	<0.01
144164	5.52	<0.5	0.16	11	<10	<0.5	<2	0.05	<0.5	106	1850	5	5.54	<10	<0.01
144165	5.02	<0.5	0.10	10	<10	<0.5	<2	1.39	<0.5	100	1610	8	5.42	<10	<0.01
144166	3.42	<0.5	8.25	5	1000	0.6	<2	1.82	0.9	29	477	110	5.25	20	1.64
144167	3.98	0.5	8.50	<5	1160	0.7	<2	1.02	2.0	18	18	52	4.92	20	1.84
144168	2.58	<0.5	7.17	<5	410	0.5	<2	0.82	3.1	27	54	53	5.86	20	1.57
144169	2.22	<0.5	4.24	9	210	0.6	<2	3.53	<0.5	61	2810	77	6.30	10	0.42
144170	3.02	<0.5	7.44	<5	770	<0.5	<2	0.85	<0.5	30	377	20	5.09	10	1.20
144171	4.96	<0.5	0.18	14	<10	<0.5	<2	1.93	0.5	85	1830	19	4.64	<10	0.01
144172	4.46	<0.5	0.10	18	<10	<0.5	<2	1.40	<0.5	98	1640	13	5.13	<10	<0.01
144173	5.06	<0.5	0.13	16	<10	<0.5	<2	0.56	<0.5	96	1250	10	5.17	<10	<0.01
144174	5.32	<0.5	0.13	17	<10	<0.5	<2	0.35	<0.5	94	1640	11	4.76	<10	<0.01
144175	5.42	<0.5	0.13	15	<10	<0.5	<2	0.11	<0.5	104	1870	8	5.31	<10	<0.01
144176	5.02	<0.5	0.14	18	<10	<0.5	<2	0.10	<0.5	104	1940	5	5.21	<10	<0.01
144177	4.88	<0.5	0.14	10	<10	<0.5	<2	0.17	<0.5	107	2220	3	5.59	<10	<0.01
144178	4.76	<0.5	0.20	17	<10	<0.5	<2	1.13	0.6	98	1470	6	5.10	<10	<0.01
144179	4.62	<0.5	0.30	15	<10	<0.5	<2	0.42	<0.5	103	1630	5	5.33	<10	0.01
144180	4.52	<0.5	0.11	14	<10	<0.5	<2	0.53	0.5	102	1590	9	5.34	<10	<0.01

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CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp

CERTIFICATE OF ANALYSIS VA11180945

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144141		<10	22.9	765	<1	0.01	2010	10	2	0.06	6	5	19	<20	<0.01	<10
144142		10	0.15	23	<1	0.01	15	20	2	0.03	<5	<1	3	<20	0.02	<10
144143		<10	9.50	342	<1	<0.01	775	<10	2	0.04	<5	2	6	<20	<0.01	<10
144144		<10	23.4	781	<1	0.01	1950	<10	2	0.10	7	6	6	<20	<0.01	<10
144145		<10	24.4	763	<1	<0.01	1995	<10	<2	0.12	8	5	6	<20	<0.01	<10
144146		<10	23.9	1010	<1	0.01	1920	10	2	0.08	13	6	13	<20	<0.01	<10
144147		<10	24.3	968	<1	<0.01	2100	10	2	0.09	8	5	25	<20	<0.01	<10
144148		<10	24.4	855	<1	<0.01	2140	<10	5	0.09	8	5	10	<20	<0.01	<10
144149		<10	23.7	786	1	0.01	2020	10	2	0.08	7	5	3	<20	<0.01	<10
144150		<10	24.8	823	<1	0.01	2160	10	4	0.10	7	5	26	<20	<0.01	<10
144151		<10	23.1	861	<1	0.01	1985	10	4	0.06	8	5	30	<20	<0.01	<10
144152		<10	23.8	929	<1	0.01	2060	<10	2	0.08	8	5	14	<20	<0.01	<10
144153		<10	24.9	822	<1	<0.01	2180	10	2	0.09	9	4	12	<20	<0.01	<10
144154		<10	25.1	913	<1	<0.01	1960	<10	2	0.09	7	4	20	<20	<0.01	<10
144155		<10	23.7	794	<1	0.01	1980	<10	<2	0.07	6	5	22	<20	<0.01	<10
144156		<10	23.4	847	<1	<0.01	1965	10	7	0.07	5	5	14	<20	<0.01	<10
144157		<10	22.9	798	<1	<0.01	1820	10	5	0.06	5	6	17	<20	<0.01	<10
144158		<10	23.5	843	<1	<0.01	1795	<10	7	0.06	<5	6	9	<20	<0.01	<10
144159		<10	24.0	882	<1	<0.01	1800	<10	4	0.06	11	5	55	<20	<0.01	<10
144160		<10	21.5	805	<1	<0.01	1710	30	8	0.06	9	6	40	<20	0.02	<10
144161		10	0.20	24	1	0.01	22	20	3	0.08	<5	<1	4	<20	0.01	<10
144162		<10	23.8	891	<1	<0.01	2020	<10	2	0.06	8	5	6	<20	<0.01	<10
144163		<10	23.7	862	<1	<0.01	1950	<10	<2	0.06	7	5	4	<20	<0.01	<10
144164		<10	24.4	829	<1	0.01	2110	<10	4	0.07	9	6	4	<20	<0.01	<10
144165		<10	22.6	797	<1	<0.01	1930	<10	4	0.21	8	5	18	<20	<0.01	<10
144166		10	5.45	1480	<1	3.22	362	860	92	1.31	<5	9	337	<20	0.22	<10
144167		10	3.01	1630	<1	3.88	22	1150	156	0.31	<5	12	507	<20	0.30	<10
144168		10	5.51	1560	<1	2.44	75	870	104	0.01	<5	15	389	<20	0.40	<10
144169		10	12.70	1295	<1	0.12	729	730	31	0.07	19	15	217	<20	0.19	<10
144170		10	8.51	883	<1	2.40	286	880	28	0.29	<5	10	253	<20	0.22	<10
144171		<10	19.00	837	<1	0.02	1770	30	12	0.38	12	4	55	<20	0.01	<10
144172		<10	20.4	1010	<1	<0.01	1870	10	7	0.42	14	4	35	<20	<0.01	<10
144173		<10	22.2	701	<1	<0.01	1800	10	6	0.13	8	5	23	<20	<0.01	<10
144174		<10	22.1	645	<1	0.01	1810	<10	13	0.09	9	5	8	<20	<0.01	<10
144175		<10	24.1	831	<1	0.01	2010	<10	6	0.08	9	5	4	<20	<0.01	<10
144176		<10	24.5	899	<1	0.01	2020	<10	<2	0.09	9	5	3	<20	<0.01	<10
144177		<10	23.9	848	<1	0.01	2080	<10	<2	0.10	10	4	4	<20	<0.01	<10
144178		<10	23.6	835	<1	<0.01	1940	20	3	0.12	7	5	54	<20	<0.01	<10
144179		<10	23.2	990	<1	<0.01	1970	30	3	0.22	11	5	26	<20	0.01	<10
144180		<10	23.2	1230	<1	<0.01	1930	<10	22	0.23	12	4	29	<20	<0.01	<10

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp

CERTIFICATE OF ANALYSIS VA11180945

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144141		<10	19	<10	42	<10
144142		<10	3	<10	<2	<10
144143		<10	7	<10	17	<10
144144		<10	20	<10	39	<10
144145		<10	21	<10	41	<10
144146		<10	23	<10	65	<10
144147		<10	18	<10	45	<10
144148		<10	18	<10	45	<10
144149		<10	18	<10	41	<10
144150		<10	17	<10	52	<10
144151		<10	19	<10	43	<10
144152		<10	19	<10	39	<10
144153		<10	16	<10	38	<10
144154		<10	15	<10	39	<10
144155		<10	17	<10	39	<10
144156		<10	17	<10	40	<10
144157		<10	19	<10	44	<10
144158		<10	21	<10	41	<10
144159		<10	19	<10	49	<10
144160		<10	27	<10	47	<10
144161		<10	2	<10	3	<10
144162		<10	19	<10	42	<10
144163		<10	18	<10	42	<10
144164		<10	21	<10	48	<10
144165		<10	14	<10	47	<10
144166		<10	93	<10	195	30
144167		<10	134	<10	254	30
144168		<10	226	<10	326	40
144169		<10	125	<10	163	30
144170		<10	99	<10	88	40
144171		<10	16	<10	122	<10
144172		<10	15	<10	62	<10
144173		<10	16	<10	43	<10
144174		<10	18	<10	69	<10
144175		<10	17	<10	45	<10
144176		<10	17	<10	49	<10
144177		<10	18	<10	51	<10
144178		<10	16	<10	40	<10
144179		<10	21	<10	53	<10
144180		<10	14	<10	104	<10

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CERTIFICATE OF ANALYSIS VA11180945

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144181		1.50	<0.5	0.54	<5	180	<0.5	<2	0.02	<0.5	4	53	3	0.36	<10	0.24
144182		5.38	<0.5	0.11	15	<10	<0.5	<2	0.05	<0.5	102	1740	3	5.50	<10	<0.01
144183		4.82	<0.5	0.09	17	<10	<0.5	<2	0.26	<0.5	115	2060	4	5.78	<10	<0.01
144184		4.80	<0.5	0.11	10	<10	<0.5	<2	0.13	<0.5	103	1810	3	5.14	<10	<0.01
144185		5.18	<0.5	0.12	7	<10	<0.5	<2	0.15	<0.5	105	1550	3	5.68	<10	<0.01
144186		4.46	<0.5	0.10	14	<10	<0.5	<2	0.36	<0.5	95	1890	3	5.22	<10	<0.01
144187		4.76	<0.5	0.10	12	<10	<0.5	<2	0.06	<0.5	104	1780	3	5.36	<10	<0.01
144188		4.54	<0.5	0.10	9	<10	<0.5	<2	0.14	<0.5	96	2330	4	4.82	<10	<0.01
144189		5.90	<0.5	0.13	6	<10	<0.5	<2	0.11	<0.5	109	2860	2	5.76	<10	<0.01
144190		4.86	<0.5	0.14	10	<10	<0.5	<2	0.11	<0.5	115	2930	3	5.97	<10	<0.01
144191		5.22	<0.5	0.12	14	<10	<0.5	<2	0.55	<0.5	98	2460	7	5.19	<10	<0.01
144192		4.66	<0.5	0.11	15	<10	<0.5	<2	0.45	<0.5	98	1780	3	5.06	<10	<0.01
144193		5.08	<0.5	0.12	12	<10	<0.5	<2	0.98	<0.5	95	1810	7	4.53	<10	<0.01
144194		5.04	<0.5	0.22	15	<10	<0.5	<2	0.25	<0.5	115	5240	3	5.51	<10	<0.01
144195		4.88	<0.5	0.14	14	<10	<0.5	<2	0.26	<0.5	116	2160	2	5.95	<10	<0.01
144196		4.80	<0.5	0.09	15	<10	<0.5	<2	0.24	<0.5	107	1960	2	5.25	<10	<0.01
144197		5.66	<0.5	0.12	11	<10	<0.5	<2	0.20	<0.5	120	1900	5	6.80	<10	<0.01
144198		5.26	<0.5	0.11	12	<10	<0.5	<2	0.21	<0.5	107	1880	3	5.68	<10	<0.01
144199		4.66	<0.5	0.16	12	<10	<0.5	<2	0.24	<0.5	102	3740	5	5.44	<10	<0.01
144200		4.86	<0.5	0.09	11	<10	<0.5	<2	0.47	<0.5	99	1400	8	5.82	<10	<0.01
144201		1.30	<0.5	0.58	<5	110	<0.5	<2	0.02	<0.5	4	46	7	0.38	<10	0.26
144202		5.48	<0.5	0.09	8	10	<0.5	<2	0.83	<0.5	82	1310	12	4.74	<10	<0.01
144203		4.64	<0.5	0.12	10	<10	<0.5	<2	0.35	<0.5	106	1790	4	5.29	<10	<0.01
144204		4.38	<0.5	0.14	12	<10	<0.5	<2	0.20	<0.5	107	1880	4	5.63	<10	<0.01
144205		4.74	<0.5	0.15	11	<10	<0.5	<2	0.15	<0.5	101	1220	2	4.96	<10	<0.01
144206		5.54	<0.5	0.17	15	<10	<0.5	<2	0.16	<0.5	102	1360	2	5.07	<10	<0.01
144207		5.30	<0.5	0.21	9	<10	<0.5	<2	0.16	<0.5	109	2590	3	5.41	<10	<0.01
144208		4.50	<0.5	0.17	13	<10	<0.5	<2	0.21	<0.5	101	1280	2	5.00	<10	<0.01
144209		4.86	<0.5	0.15	7	<10	<0.5	<2	0.12	<0.5	101	1370	4	5.20	<10	<0.01
144210		4.84	<0.5	0.15	8	<10	<0.5	<2	0.13	<0.5	101	1330	3	5.22	<10	<0.01
144211		4.42	<0.5	0.18	10	10	<0.5	<2	0.10	<0.5	102	1280	7	5.36	<10	<0.01
144212		4.18	0.5	0.17	14	<10	<0.5	<2	0.39	<0.5	102	1280	9	4.97	<10	<0.01
144213		4.76	0.7	0.17	13	<10	<0.5	<2	0.23	<0.5	99	1380	7	5.03	<10	<0.01
144214		5.40	<0.5	0.17	9	<10	<0.5	<2	0.19	<0.5	103	1400	9	5.30	<10	<0.01
144215		5.60	0.6	0.16	8	<10	<0.5	<2	0.10	<0.5	105	1240	7	5.45	<10	<0.01
144216		4.72	0.5	0.13	15	<10	<0.5	<2	0.07	<0.5	101	1380	15	5.21	<10	<0.01
144217		5.06	<0.5	0.15	11	<10	<0.5	<2	0.01	<0.5	105	1440	13	5.18	<10	<0.01
144218		5.02	0.7	0.15	16	<10	<0.5	<2	0.01	<0.5	106	1660	6	5.37	<10	0.01
144219		5.14	1.4	0.16	20	10	<0.5	<2	0.02	<0.5	120	2540	10	5.88	<10	0.01
144220		5.64	0.8	0.15	16	10	<0.5	<2	0.09	<0.5	101	1550	6	5.13	<10	<0.01

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CALGARY AB T3G 3N8

Finalized Date: 8-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Exp

CERTIFICATE OF ANALYSIS VA11180945

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144181		10	0.28	30	<1	0.01	25	30	<2	0.10	<5	1	6	<20	0.02	<10
144182		<10	23.8	722	<1	0.01	1980	<10	<2	0.12	10	4	3	<20	<0.01	<10
144183		<10	24.2	815	<1	<0.01	2180	10	49	0.14	12	4	11	<20	<0.01	<10
144184		<10	24.1	723	<1	<0.01	2120	10	<2	0.10	11	4	6	<20	<0.01	<10
144185		<10	24.4	788	<1	<0.01	2040	<10	<2	0.11	11	5	5	<20	<0.01	<10
144186		<10	22.9	978	<1	<0.01	1840	10	<2	0.13	13	4	14	<20	<0.01	<10
144187		<10	23.8	777	<1	<0.01	2110	10	<2	0.11	9	4	3	<20	<0.01	<10
144188		<10	21.1	671	<1	<0.01	1870	10	3	0.10	10	3	5	<20	<0.01	<10
144189		<10	24.5	851	<1	<0.01	2040	10	2	0.11	17	4	4	<20	<0.01	<10
144190		<10	25.4	887	<1	<0.01	2160	10	3	0.11	13	4	4	<20	<0.01	<10
144191		<10	24.2	1235	<1	<0.01	2080	20	4	0.16	15	3	26	<20	<0.01	<10
144192		<10	24.3	1375	<1	<0.01	1990	20	5	0.14	14	4	15	<20	<0.01	<10
144193		<10	22.3	1300	<1	0.01	1970	30	4	0.10	12	4	45	<20	<0.01	<10
144194		<10	25.9	977	<1	<0.01	2250	<10	<2	0.16	22	5	9	<20	0.01	<10
144195		<10	26.6	995	<1	0.01	2230	10	<2	0.14	10	5	11	<20	<0.01	<10
144196		<10	24.7	833	<1	<0.01	2150	<10	4	0.16	11	4	8	<20	<0.01	<10
144197		10	25.1	976	<1	<0.01	2060	<10	7	0.15	<5	6	7	<20	<0.01	<10
144198		10	25.2	879	<1	<0.01	2040	<10	5	0.17	6	5	6	<20	<0.01	<10
144199		10	23.9	886	<1	<0.01	1930	10	4	0.14	14	4	10	<20	<0.01	<10
144200		10	23.1	856	<1	<0.01	1900	40	7	0.11	10	4	30	<20	<0.01	<10
144201		10	0.33	27	<1	0.01	28	40	<2	0.14	<5	1	4	<20	0.02	<10
144202		10	22.3	844	<1	0.01	1700	60	7	0.09	14	3	38	<20	<0.01	<10
144203		10	24.7	888	<1	<0.01	2090	10	2	0.15	7	5	18	<20	<0.01	<10
144204		10	25.1	809	<1	0.01	2120	10	4	0.12	<5	5	6	<20	<0.01	<10
144205		10	24.5	766	<1	0.01	2010	10	2	0.11	7	5	5	<20	<0.01	<10
144206		10	25.7	827	<1	0.01	1980	10	3	0.10	<5	5	5	<20	<0.01	<10
144207		10	25.4	852	<1	0.01	2130	10	4	0.11	6	5	5	<20	<0.01	<10
144208		10	24.8	800	<1	0.01	2070	10	4	0.12	<5	6	8	<20	<0.01	<10
144209		10	24.6	749	<1	0.01	2030	<10	3	0.11	<5	4	3	<20	<0.01	<10
144210		10	24.7	789	<1	0.01	2030	20	3	0.10	<5	5	6	<20	<0.01	<10
144211		10	25.0	763	<1	0.01	2040	10	4	0.09	<5	5	5	<20	<0.01	<10
144212		10	25.3	762	<1	<0.01	2100	<10	6	0.11	<5	5	5	<20	<0.01	<10
144213		10	24.4	779	<1	0.01	1900	10	4	0.09	5	6	5	<20	<0.01	<10
144214		10	24.7	882	<1	0.01	1970	<10	3	0.10	<5	6	3	<20	<0.01	<10
144215		10	25.4	753	<1	0.01	2060	<10	7	0.11	<5	6	3	<20	<0.01	<10
144216		10	24.4	726	<1	<0.01	2050	<10	5	0.10	<5	5	2	<20	<0.01	<10
144217		10	24.9	727	<1	0.02	2120	<10	4	0.08	<5	5	1	<20	<0.01	<10
144218		10	25.1	731	<1	0.02	2070	<10	7	0.07	5	5	1	<20	<0.01	<10
144219		10	25.8	901	<1	0.01	2300	<10	13	0.08	<5	4	2	<20	<0.01	<10
144220		10	25.4	870	<1	0.01	2020	<10	10	0.09	<5	5	1	<20	<0.01	<10

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144181		<10	4	<10	<2	<10
144182		<10	14	<10	45	<10
144183		<10	15	<10	47	<10
144184		<10	17	<10	39	<10
144185		<10	15	<10	37	<10
144186		<10	15	<10	50	<10
144187		<10	13	<10	45	<10
144188		<10	15	<10	40	<10
144189		<10	17	<10	58	<10
144190		<10	18	<10	61	<10
144191		<10	14	<10	102	<10
144192		<10	13	<10	66	<10
144193		<10	16	<10	56	<10
144194		<10	25	<10	84	<10
144195		<10	18	<10	54	<10
144196		<10	14	<10	45	<10
144197		<10	17	<10	44	<10
144198		<10	17	<10	42	<10
144199		<10	26	<10	70	<10
144200		<10	15	<10	59	<10
144201		<10	4	<10	<2	<10
144202		<10	17	<10	76	<10
144203		<10	19	<10	39	<10
144204		<10	20	<10	40	<10
144205		<10	16	<10	33	<10
144206		<10	16	<10	37	<10
144207		<10	24	<10	55	<10
144208		<10	17	<10	37	<10
144209		<10	19	<10	34	<10
144210		<10	18	<10	32	<10
144211		<10	21	<10	38	<10
144212		<10	18	<10	41	<10
144213		<10	19	<10	41	<10
144214		<10	22	<10	44	<10
144215		<10	23	<10	34	<10
144216		<10	19	<10	37	<10
144217		<10	20	<10	41	<10
144218		<10	19	<10	47	<10
144219		<10	22	<10	77	<10
144220		<10	16	<10	63	<10

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CERTIFICATE OF ANALYSIS VA11180945

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144221		1.54	<0.5	0.94	<5	370	<0.5	<2	0.01	<0.5	3	42	4	0.39	<10	0.42
144222		4.82	<0.5	0.10	17	<10	<0.5	<2	0.22	<0.5	112	1580	8	5.40	<10	<0.01
144223		5.00	<0.5	0.14	9	<10	<0.5	<2	0.19	<0.5	100	1270	3	4.99	<10	<0.01

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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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144221		10	0.22	26	<1	0.01	18	30	2	0.10	<5	1	7	<20	0.03	<10
144222		10	26.2	923	<1	<0.01	2130	<10	2	0.10	5	4	17	<20	<0.01	<10
144223		10	24.6	778	<1	0.01	2010	10	3	0.11	<5	5	6	<20	<0.01	<10

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Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144221		<10	7	<10	5	<10
144222		<10	16	<10	38	<10
144223		<10	16	<10	34	<10

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 10-OCT-2011
Account: WHYRES

CERTIFICATE VA11185688

Project: Record Ridge South Mg Explorat
P.O. No.:
This report is for 82 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA11185688

Sample Description	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144224	4.84	<0.5	0.14	11	<10	<0.5	<2	0.63	<0.5	93	1240	4	5.15	<10	0.01
144225	4.62	<0.5	0.16	12	<10	<0.5	<2	0.69	<0.5	96	1530	4	5.42	<10	<0.01
144226	3.12	<0.5	0.15	10	<10	<0.5	<2	1.37	<0.5	101	1680	11	5.49	<10	<0.01
144227	3.56	<0.5	7.50	9	400	0.6	<2	1.43	<0.5	37	514	10	4.43	10	0.75
144228	3.04	<0.5	8.03	13	900	0.5	<2	1.40	<0.5	20	180	1	3.45	10	0.95
144229	4.86	<0.5	0.19	12	10	<0.5	<2	1.33	<0.5	90	1450	3	5.09	<10	<0.01
144230	5.44	<0.5	0.17	13	<10	<0.5	<2	0.28	<0.5	104	1780	3	5.46	<10	<0.01
144231	4.70	<0.5	0.18	22	<10	<0.5	<2	0.57	<0.5	103	1580	12	5.48	<10	<0.01
144232	5.16	<0.5	0.17	21	<10	<0.5	<2	0.29	<0.5	105	1390	28	5.50	<10	<0.01
144233	5.28	<0.5	0.16	24	<10	<0.5	<2	0.15	<0.5	105	1810	8	5.67	<10	<0.01
144234	5.22	<0.5	0.18	27	<10	<0.5	<2	0.19	<0.5	104	1320	11	5.63	<10	<0.01
144235	5.06	<0.5	0.14	32	<10	<0.5	<2	0.17	<0.5	110	2780	9	5.76	<10	<0.01
144236	5.48	<0.5	0.12	38	<10	<0.5	<2	0.16	<0.5	106	1280	10	5.55	<10	<0.01
144237	4.76	<0.5	0.13	32	<10	<0.5	<2	0.09	<0.5	114	1790	7	6.10	<10	<0.01
144238	4.94	<0.5	0.18	33	<10	<0.5	<2	0.13	<0.5	105	1330	10	5.63	<10	<0.01
144239	5.44	<0.5	0.12	26	<10	<0.5	<2	0.16	<0.5	106	1550	16	5.57	<10	<0.01
144240	5.26	<0.5	0.13	26	<10	<0.5	<2	0.11	<0.5	98	1540	12	5.32	<10	<0.01
144241	1.54	<0.5	0.53	<5	90	<0.5	<2	0.01	<0.5	2	32	4	0.31	<10	0.24
144242	4.92	<0.5	0.15	29	<10	<0.5	<2	0.12	<0.5	104	1460	11	5.66	<10	<0.01
144243	4.78	<0.5	0.17	27	<10	<0.5	<2	0.05	<0.5	103	1360	11	5.58	<10	<0.01
144244	4.88	<0.5	0.17	33	<10	<0.5	<2	0.05	<0.5	104	1300	17	5.50	<10	<0.01
144245	5.20	<0.5	5.13	<5	1830	1.7	<2	3.52	<0.5	47	682	46	5.62	10	2.57
144246	4.92	<0.5	0.23	25	10	<0.5	<2	0.36	<0.5	95	1350	22	5.33	<10	0.01
144247	4.90	<0.5	0.19	21	<10	<0.5	<2	0.02	<0.5	100	1560	14	5.35	<10	<0.01
144248	4.98	<0.5	0.16	23	<10	<0.5	<2	0.03	<0.5	101	1290	18	5.62	<10	0.01
144249	5.18	<0.5	0.16	26	<10	<0.5	<2	0.09	<0.5	103	1550	15	5.34	<10	<0.01
144250	4.72	<0.5	0.17	28	<10	<0.5	<2	0.32	<0.5	102	1480	16	5.31	<10	<0.01
144251	5.00	<0.5	0.18	22	<10	<0.5	<2	0.08	<0.5	100	1560	17	5.59	<10	<0.01
144252	4.92	<0.5	0.15	30	<10	<0.5	<2	0.15	<0.5	105	1350	5	5.52	<10	<0.01
144253	4.86	<0.5	0.21	26	<10	<0.5	<2	0.15	<0.5	105	1770	5	5.38	<10	<0.01
144254	5.04	<0.5	0.14	26	<10	<0.5	<2	0.33	<0.5	105	890	3	5.68	<10	<0.01
144255	4.70	<0.5	0.22	27	10	<0.5	<2	0.40	<0.5	104	1460	6	5.37	<10	0.02
144256	4.76	<0.5	0.16	17	<10	<0.5	<2	0.89	<0.5	92	1370	5	4.83	<10	<0.01
144257	5.42	<0.5	0.13	21	<10	<0.5	<2	0.18	<0.5	100	1560	3	5.33	<10	<0.01
144258	4.84	<0.5	0.13	20	<10	<0.5	<2	0.16	<0.5	103	1510	3	5.54	<10	<0.01
144259	4.88	<0.5	0.14	19	<10	<0.5	<2	0.49	<0.5	88	1190	2	4.87	<10	<0.01
144260	5.06	<0.5	0.11	28	<10	<0.5	<2	0.46	<0.5	104	1560	1	5.56	<10	<0.01
144261	0.98	<0.5	0.42	<5	130	<0.5	<2	0.02	<0.5	2	41	2	0.36	<10	0.19
144262	4.88	<0.5	0.14	25	<10	<0.5	<2	0.11	<0.5	101	1530	2	5.42	<10	<0.01
144263	4.98	<0.5	0.15	26	<10	<0.5	<2	0.20	<0.5	104	1560	1	5.26	<10	<0.01

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CALGARY AB T3G 3N8

Finalized Date: 10-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144224		10	24.3	867	3	<0.01	1905	<10	3	0.08	<5	5	15	<20	<0.01	10
144225		10	23.7	847	2	<0.01	1880	<10	3	0.07	<5	6	17	<20	<0.01	<10
144226		10	22.9	917	2	<0.01	2050	10	2	0.04	<5	5	34	<20	<0.01	<10
144227		10	10.10	1605	2	1.88	594	600	53	0.01	<5	10	217	<20	0.20	<10
144228		10	7.17	831	2	2.80	219	630	18	<0.01	5	10	297	<20	0.23	<10
144229		10	22.0	794	2	0.01	1875	10	2	0.06	<5	6	64	<20	<0.01	<10
144230		10	24.2	807	2	0.01	1920	<10	<2	0.10	<5	6	11	<20	<0.01	<10
144231		<10	24.6	854	<1	0.01	2050	10	3	0.10	7	6	18	<20	<0.01	<10
144232		<10	25.1	827	<1	0.01	2110	<10	2	0.09	5	5	5	<20	<0.01	<10
144233		<10	25.2	786	<1	0.01	2070	10	<2	0.07	8	6	5	<20	<0.01	<10
144234		<10	25.0	845	<1	0.01	2100	<10	<2	0.08	7	6	3	<20	<0.01	<10
144235		<10	25.1	907	<1	<0.01	2150	<10	<2	0.09	13	5	5	<20	<0.01	<10
144236		<10	25.3	890	<1	<0.01	2110	<10	2	0.10	6	5	6	<20	<0.01	<10
144237		<10	25.1	915	<1	<0.01	2310	<10	<2	0.09	9	6	3	<20	<0.01	<10
144238		<10	25.5	927	<1	0.01	2120	<10	<2	0.09	<5	6	4	<20	<0.01	<10
144239		<10	25.4	884	<1	<0.01	2030	<10	<2	0.10	6	6	5	<20	<0.01	<10
144240		<10	23.8	852	<1	<0.01	1960	<10	<2	0.10	9	5	3	<20	<0.01	<10
144241		10	0.18	21	<1	0.01	15	30	<2	0.13	<5	<1	5	<20	0.02	<10
144242		<10	24.8	869	<1	<0.01	2110	<10	<2	0.11	9	6	5	<20	<0.01	<10
144243		<10	24.8	887	<1	0.01	2090	<10	<2	0.09	6	6	1	<20	<0.01	<10
144244		<10	25.1	848	<1	<0.01	2070	<10	<2	0.08	5	6	5	<20	<0.01	<10
144245		60	13.05	1080	<1	0.73	608	3100	6	0.03	<5	17	837	<20	0.47	<10
144246		<10	23.7	861	<1	<0.01	1950	30	<2	0.09	9	6	11	<20	0.01	<10
144247		<10	23.9	805	<1	<0.01	1990	<10	<2	0.08	8	6	2	<20	<0.01	<10
144248		<10	24.7	918	<1	<0.01	2010	<10	<2	0.09	7	6	2	<20	<0.01	<10
144249		<10	24.6	869	<1	0.01	2100	<10	<2	0.09	9	6	7	<20	<0.01	<10
144250		<10	24.3	918	<1	<0.01	2050	10	<2	0.09	6	5	98	<20	<0.01	<10
144251		<10	24.5	817	<1	0.01	2030	<10	<2	0.08	<5	6	7	<20	<0.01	<10
144252		<10	24.6	771	<1	<0.01	2140	<10	<2	0.09	7	5	8	<20	<0.01	<10
144253		<10	24.6	883	<1	<0.01	2140	<10	<2	0.09	8	6	11	<20	<0.01	<10
144254		<10	24.6	870	<1	<0.01	2070	<10	<2	0.10	<5	5	5	<20	<0.01	<10
144255		<10	23.6	843	<1	0.01	2140	30	6	0.06	10	6	11	<20	<0.01	<10
144256		<10	21.4	932	<1	0.01	1850	20	<2	0.07	12	4	33	<20	<0.01	<10
144257		<10	24.4	823	<1	<0.01	2030	<10	<2	0.07	9	5	6	<20	<0.01	<10
144258		<10	24.3	809	<1	<0.01	2130	<10	<2	0.07	5	5	4	<20	<0.01	<10
144259		<10	22.8	818	<1	<0.01	1885	20	2	0.06	10	5	25	<20	<0.01	<10
144260		<10	24.2	877	<1	<0.01	2060	<10	<2	0.07	7	4	18	<20	<0.01	<10
144261		10	0.31	29	<1	0.01	28	20	<2	0.10	<5	<1	5	<20	0.02	<10
144262		<10	24.0	808	<1	<0.01	2050	<10	<2	0.08	7	5	2	<20	<0.01	<10
144263		<10	24.6	913	<1	<0.01	2010	<10	<2	0.07	6	5	4	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn	Li
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	10
144224		<10	16	<10	50	<10
144225		<10	18	<10	51	<10
144226		<10	19	<10	52	10
144227		10	80	<10	162	30
144228		10	83	<10	71	30
144229		<10	21	<10	47	10
144230		<10	20	<10	53	10
144231		<10	19	<10	52	<10
144232		<10	19	<10	49	<10
144233		<10	19	<10	50	<10
144234		<10	21	<10	49	<10
144235		<10	23	<10	54	<10
144236		<10	18	<10	43	<10
144237		<10	20	<10	49	<10
144238		<10	21	<10	46	<10
144239		<10	19	<10	46	<10
144240		<10	17	<10	47	<10
144241		<10	3	<10	<2	<10
144242		<10	19	<10	48	<10
144243		<10	21	<10	46	<10
144244		<10	22	<10	48	<10
144245		<10	125	<10	72	30
144246		<10	20	<10	49	<10
144247		<10	21	<10	47	<10
144248		<10	19	<10	46	<10
144249		<10	20	<10	44	<10
144250		<10	21	<10	46	<10
144251		<10	20	<10	44	<10
144252		<10	19	<10	41	<10
144253		<10	21	<10	52	<10
144254		<10	19	<10	38	<10
144255		<10	23	<10	62	<10
144256		<10	17	<10	65	<10
144257		<10	18	<10	43	<10
144258		<10	20	<10	40	<10
144259		<10	17	<10	49	<10
144260		<10	16	<10	46	<10
144261		<10	3	<10	<2	<10
144262		<10	19	<10	45	<10
144263		<10	18	<10	50	<10

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CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144264		5.18	<0.5	0.14	24	<10	<0.5	<2	0.19	<0.5	103	1440	1	5.47	<10	<0.01
144265		5.26	<0.5	0.14	26	<10	<0.5	<2	0.08	<0.5	107	1840	1	5.78	<10	<0.01
144266		5.04	<0.5	0.12	32	<10	<0.5	<2	0.11	<0.5	111	1660	2	5.63	<10	<0.01
144267		5.42	<0.5	0.13	35	<10	<0.5	4	0.13	<0.5	104	1890	3	5.70	<10	<0.01
144268		5.18	<0.5	0.15	41	<10	<0.5	<2	0.16	<0.5	100	1620	1	5.49	<10	<0.01
144269		5.00	<0.5	0.13	25	<10	<0.5	3	0.12	<0.5	100	1490	1	5.57	<10	<0.01
144270		5.90	<0.5	0.10	24	<10	<0.5	2	0.12	<0.5	103	1520	3	5.44	<10	<0.01
144271		4.74	<0.5	0.10	25	<10	<0.5	<2	0.31	<0.5	102	1480	1	4.97	<10	<0.01
144272		5.36	<0.5	0.14	26	<10	<0.5	<2	0.10	<0.5	101	2050	2	5.05	<10	<0.01
144273		5.38	<0.5	0.13	19	<10	<0.5	<2	0.11	<0.5	104	1650	<1	5.54	<10	<0.01
144274		5.18	<0.5	0.17	23	<10	<0.5	2	0.18	<0.5	110	3290	<1	5.68	<10	<0.01
144275		5.56	<0.5	0.15	18	<10	<0.5	<2	0.35	<0.5	103	2010	1	5.48	<10	<0.01
144276		5.66	<0.5	0.15	21	<10	<0.5	3	0.18	<0.5	107	1820	2	5.93	<10	<0.01
144277		5.20	<0.5	0.15	22	<10	<0.5	3	0.14	<0.5	103	1640	2	5.40	<10	<0.01
144278		4.74	<0.5	0.17	16	<10	<0.5	2	0.69	<0.5	101	1610	2	5.66	<10	<0.01
144279		5.62	<0.5	0.18	16	<10	<0.5	3	0.11	<0.5	101	1640	2	5.70	<10	<0.01
144280		5.26	<0.5	0.15	17	<10	<0.5	<2	0.15	<0.5	102	1640	2	5.57	<10	<0.01
144281		1.66	<0.5	0.46	<5	150	<0.5	<2	0.01	<0.5	1	26	3	0.26	<10	0.21
144282		5.50	<0.5	0.17	18	<10	<0.5	<2	0.08	<0.5	101	1510	2	5.32	<10	<0.01
144283		5.22	<0.5	0.15	21	<10	<0.5	3	0.22	<0.5	98	1660	2	5.21	<10	<0.01
144284		5.16	<0.5	0.14	16	<10	<0.5	<2	0.06	<0.5	103	1540	2	5.72	<10	<0.01
144285		5.42	<0.5	0.15	14	<10	<0.5	2	0.11	<0.5	102	1540	1	5.61	<10	<0.01
144286		6.00	<0.5	0.16	18	<10	<0.5	2	0.08	<0.5	104	1240	1	5.69	<10	<0.01
144287		5.54	<0.5	0.13	18	<10	<0.5	<2	0.09	<0.5	106	1450	1	5.84	<10	<0.01
144288		5.52	<0.5	0.12	20	<10	<0.5	2	0.14	<0.5	109	1480	3	5.43	<10	<0.01
144289		5.00	<0.5	0.13	16	<10	<0.5	<2	0.05	<0.5	110	1480	2	5.83	<10	<0.01
144290		6.00	<0.5	0.14	18	<10	<0.5	<2	0.06	<0.5	108	1250	2	6.41	<10	<0.01
144291		5.10	<0.5	0.11	17	<10	<0.5	3	0.11	<0.5	106	1140	2	6.14	<10	<0.01
144292		5.52	<0.5	0.14	17	<10	<0.5	3	0.13	<0.5	104	1560	1	5.59	<10	<0.01
144293		5.78	<0.5	0.19	16	<10	<0.5	<2	0.10	<0.5	105	3010	1	5.44	<10	<0.01
144294		5.64	<0.5	0.41	23	<10	<0.5	<2	0.15	<0.5	106	8210	1	5.71	<10	<0.01
144295		5.32	<0.5	0.17	19	<10	<0.5	4	0.11	<0.5	118	2670	1	6.42	<10	<0.01
144296		5.32	<0.5	0.11	9	<10	<0.5	3	0.04	<0.5	86	1650	<1	4.76	<10	<0.01
144297		6.06	<0.5	0.09	18	<10	<0.5	<2	0.07	<0.5	104	1310	<1	5.55	<10	<0.01
144298		5.66	<0.5	0.13	18	<10	<0.5	<2	0.15	<0.5	108	1460	<1	5.90	<10	<0.01
144299		5.18	<0.5	0.11	20	<10	<0.5	4	0.36	<0.5	101	1570	1	5.77	<10	<0.01
144300		5.32	<0.5	0.12	19	<10	<0.5	<2	0.28	<0.5	101	1560	<1	5.69	<10	<0.01
144301		1.26	<0.5	0.44	<5	140	<0.5	<2	0.01	<0.5	2	28	3	0.37	<10	0.20
144302		5.42	<0.5	0.21	15	<10	<0.5	3	0.13	<0.5	109	1580	<1	5.85	<10	0.03
144303		5.88	<0.5	0.15	17	<10	<0.5	<2	0.17	<0.5	105	1450	7	5.67	<10	0.02

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 10-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144264		<10	24.1	876	<1	<0.01	2110	<10	<2	0.08	6	5	6	<20	<0.01	<10
144265		<10	25.3	895	<1	0.01	2150	<10	<2	0.06	9	5	2	<20	<0.01	<10
144266		<10	26.0	944	<1	<0.01	2200	<10	<2	0.06	10	5	2	<20	<0.01	<10
144267		10	25.5	872	1	0.01	2090	10	5	0.06	<5	5	12	<20	<0.01	<10
144268		10	25.4	889	1	<0.01	2080	10	5	0.06	<5	6	9	<20	<0.01	<10
144269		10	24.8	838	1	<0.01	2020	<10	2	0.05	<5	5	2	<20	<0.01	<10
144270		10	25.8	867	1	<0.01	2290	10	4	0.06	<5	4	3	<20	<0.01	<10
144271		10	26.2	866	1	<0.01	2370	10	2	0.08	<5	4	24	<20	<0.01	<10
144272		10	25.9	809	<1	<0.01	2210	10	4	0.06	<5	4	3	<20	<0.01	<10
144273		10	26.1	893	1	<0.01	2010	10	4	0.05	<5	5	2	<20	<0.01	<10
144274		10	26.3	978	1	<0.01	2170	10	2	0.05	<5	5	8	<20	<0.01	<10
144275		10	26.7	859	<1	<0.01	2170	10	2	0.05	<5	5	16	<20	<0.01	<10
144276		10	26.9	914	1	<0.01	2240	<10	6	0.05	<5	5	2	<20	<0.01	<10
144277		10	26.1	837	1	<0.01	2210	10	5	0.05	<5	5	8	<20	<0.01	<10
144278		10	24.9	919	1	<0.01	2060	30	5	0.04	<5	5	44	<20	<0.01	<10
144279		10	26.3	880	<1	0.01	2110	10	5	0.04	<5	6	3	<20	<0.01	<10
144280		10	26.9	916	1	<0.01	2110	<10	4	0.04	<5	5	2	<20	<0.01	<10
144281		10	0.17	18	<1	0.01	14	30	<2	0.09	<5	<1	4	<20	0.01	<10
144282		10	26.1	841	1	0.01	2190	10	4	0.05	<5	5	1	<20	<0.01	<10
144283		10	25.4	939	1	<0.01	2060	10	2	0.05	<5	5	4	<20	<0.01	<10
144284		10	25.4	848	1	0.01	2100	10	3	0.06	<5	5	1	<20	<0.01	<10
144285		10	26.2	890	1	0.01	2140	10	4	0.05	<5	5	2	<20	<0.01	<10
144286		10	26.6	938	1	0.01	2050	10	4	0.04	<5	5	1	<20	<0.01	<10
144287		10	26.4	985	1	0.01	2060	<10	3	0.05	<5	5	2	<20	<0.01	<10
144288		10	27.2	989	1	<0.01	2220	10	4	0.08	<5	4	5	<20	<0.01	<10
144289		10	26.9	1015	<1	<0.01	2270	<10	3	0.08	<5	4	2	<20	<0.01	<10
144290		10	26.9	1005	1	0.01	2200	10	4	0.06	<5	5	1	<20	<0.01	<10
144291		10	26.4	949	<1	<0.01	2240	10	3	0.09	<5	4	2	<20	<0.01	<10
144292		10	26.0	905	1	0.01	2130	10	3	0.09	<5	4	2	<20	<0.01	<10
144293		10	26.5	890	1	<0.01	2340	10	2	0.10	<5	4	2	<20	<0.01	<10
144294		10	25.7	1105	1	<0.01	2390	<10	4	0.10	6	4	4	<20	0.01	<10
144295		10	27.0	1070	1	<0.01	2340	<10	3	0.11	<5	5	3	<20	<0.01	<10
144296		10	20.3	738	1	<0.01	1745	<10	2	0.08	<5	3	2	<20	<0.01	<10
144297		10	26.2	896	<1	<0.01	2210	10	3	0.11	<5	4	2	<20	<0.01	<10
144298		10	26.1	977	<1	<0.01	2230	10	5	0.11	<5	4	4	<20	<0.01	<10
144299		10	25.2	959	1	<0.01	2070	20	3	0.09	<5	4	16	<20	<0.01	<10
144300		10	24.9	1000	1	0.01	2050	10	5	0.08	<5	4	14	<20	<0.01	<10
144301		10	0.24	27	1	0.01	19	40	<2	0.13	<5	<1	5	<20	0.01	<10
144302		10	27.5	936	1	0.03	2330	10	5	0.07	<5	7	3	<20	<0.01	<10
144303		10	26.1	934	<1	0.02	2230	<10	9	0.09	<5	5	6	<20	<0.01	<10

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 10-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144264		<10	19	<10	52	<10
144265		<10	19	<10	53	<10
144266		<10	18	<10	52	<10
144267		<10	20	<10	51	<10
144268		<10	21	<10	50	<10
144269		<10	18	<10	45	<10
144270		<10	15	<10	49	<10
144271		<10	13	<10	52	<10
144272		<10	19	<10	60	<10
144273		<10	18	<10	50	<10
144274		<10	22	<10	73	<10
144275		<10	21	<10	57	<10
144276		<10	18	<10	58	<10
144277		<10	19	<10	53	<10
144278		<10	19	<10	60	<10
144279		<10	20	<10	55	<10
144280		<10	18	<10	48	<10
144281		<10	3	<10	2	10
144282		<10	19	<10	46	<10
144283		<10	17	<10	51	<10
144284		<10	18	<10	54	<10
144285		<10	18	<10	46	<10
144286		<10	18	<10	46	<10
144287		<10	17	<10	51	<10
144288		<10	16	<10	50	<10
144289		<10	17	<10	53	<10
144290		<10	17	<10	44	<10
144291		<10	15	<10	40	<10
144292		<10	16	<10	44	<10
144293		<10	21	<10	55	<10
144294		<10	29	<10	107	<10
144295		<10	19	<10	60	<10
144296		<10	13	<10	39	<10
144297		<10	13	<10	40	<10
144298		<10	15	<10	53	<10
144299		<10	15	<10	50	<10
144300		<10	16	<10	53	<10
144301		<10	3	<10	<2	10
144302		<10	22	<10	64	<10
144303		<10	18	<10	65	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144304		5.26	<0.5	0.14	34	<10	<0.5	<2	0.09	<0.5	111	1555	9	6.16	<10	0.01
144305		5.34	<0.5	0.15	15	<10	<0.5	<2	0.23	<0.5	102	1425	2	5.28	<10	<0.01

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144304		10	25.1	910	<1	0.01	2310	<10	2	0.09	<5	6	4	<20	<0.01	<10
144305		10	25.8	941	<1	<0.01	2240	<10	2	0.06	<5	5	5	<20	<0.01	<10

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Finalized Date: 10-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11185688

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144304		<10	19	<10	49	<10
144305		<10	18	<10	53	<10

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Finalized Date: 14-OCT-2011
Account: WHYRES

CERTIFICATE VA11188717

Project: Record Ridge South Mg Explorat
P.O. No.:
This report is for 82 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 14-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14-OCT-2011
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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144306		2.80	<0.5	1.70	25	590	0.6	<2	1.16	<0.5	79	2100	23	5.29	<10	0.77
144307		3.84	<0.5	0.77	23	210	<0.5	<2	0.68	<0.5	99	1740	8	5.68	<10	0.26
144308		5.46	<0.5	0.20	22	10	<0.5	2	0.32	<0.5	102	1510	15	5.48	<10	0.01
144309		4.98	<0.5	2.65	18	500	0.7	<2	1.58	<0.5	86	1450	20	5.48	<10	1.02
144310		5.64	<0.5	0.21	26	<10	<0.5	<2	0.21	<0.5	118	2300	38	6.04	<10	0.01
144311		5.24	<0.5	0.20	29	<10	<0.5	<2	0.30	<0.5	118	2370	23	6.07	<10	0.01
144312		5.74	<0.5	0.18	22	<10	<0.5	<2	0.47	<0.5	112	1660	15	5.93	<10	0.01
144313		5.32	<0.5	0.20	27	<10	<0.5	2	0.56	<0.5	106	1755	12	5.61	<10	<0.01
144314		5.42	<0.5	0.19	30	<10	<0.5	<2	1.14	<0.5	103	1525	9	5.37	<10	0.01
144315		5.88	<0.5	0.16	15	<10	<0.5	<2	0.61	<0.5	107	1665	6	5.61	<10	<0.01
144316		5.52	<0.5	0.17	18	<10	<0.5	<2	1.07	<0.5	106	1525	2	5.66	<10	<0.01
144317		5.32	<0.5	0.19	18	<10	<0.5	<2	0.46	<0.5	113	1680	<1	6.05	<10	<0.01
144318		5.82	<0.5	0.17	16	<10	<0.5	<2	0.36	<0.5	110	1485	1	5.98	<10	<0.01
144319		5.60	<0.5	0.16	15	<10	<0.5	<2	0.27	<0.5	115	1700	1	6.19	<10	<0.01
144320		5.64	<0.5	0.20	10	<10	<0.5	<2	0.22	<0.5	118	2200	5	6.30	<10	0.01
144321		1.80	<0.5	0.47	<5	140	<0.5	<2	0.01	<0.5	2	41	20	0.42	<10	0.21
144322		5.62	<0.5	0.17	7	<10	<0.5	<2	0.14	<0.5	118	1740	7	6.35	<10	<0.01
144323		5.62	<0.5	1.02	8	10	<0.5	<2	0.29	<0.5	107	2260	18	5.84	<10	0.01
144324		5.32	1.5	1.67	18	10	<0.5	<2	0.34	<0.5	105	2080	371	5.95	<10	0.02
144325		5.60	<0.5	0.18	12	<10	<0.5	<2	0.17	<0.5	107	1515	29	6.19	<10	<0.01
144326		5.22	<0.5	0.13	22	<10	<0.5	<2	0.20	<0.5	114	1530	2	5.80	<10	<0.01
144327		6.26	<0.5	0.16	15	<10	<0.5	<2	0.39	<0.5	107	1740	3	5.55	<10	<0.01
144328		3.02	1.0	0.18	19	40	<0.5	2	1.24	0.7	93	1470	4	4.95	<10	0.01
144329		4.48	<0.5	0.15	17	<10	<0.5	<2	0.82	<0.5	86	1690	1	4.89	<10	<0.01
144330		4.66	<0.5	0.15	17	<10	<0.5	<2	0.42	<0.5	110	1810	1	5.57	<10	<0.01
144331		5.72	<0.5	0.13	17	<10	<0.5	<2	0.49	0.5	107	1780	1	5.87	<10	<0.01
144332		4.82	<0.5	0.14	26	<10	<0.5	<2	0.89	0.6	110	1750	8	5.46	<10	<0.01
144333		3.68	<0.5	1.43	16	10	<0.5	2	2.61	0.5	79	1610	35	4.34	<10	0.03
144334		5.44	0.5	8.01	<5	690	0.8	<2	1.90	<0.5	12	47	2	3.06	20	1.49
144335		4.60	<0.5	7.55	<5	650	0.8	<2	2.17	<0.5	11	46	4	2.75	20	1.83
144336		5.24	0.6	7.37	<5	920	0.8	<2	2.10	0.8	13	63	4	3.03	20	2.12
144337		5.10	0.7	7.42	<5	900	0.9	<2	2.45	1.1	10	35	3	2.94	20	2.40
144338		4.52	0.8	7.60	10	1050	1.0	<2	2.44	2.3	12	30	3	3.07	20	2.44
144339		4.34	<0.5	6.88	<5	1190	0.7	<2	0.87	0.7	16	60	2	2.92	20	2.42
144340		4.78	<0.5	0.17	18	10	<0.5	<2	2.61	0.6	96	1460	8	5.16	<10	0.01
144341		1.58	<0.5	0.71	<5	280	<0.5	<2	0.02	<0.5	1	22	4	0.28	<10	0.32
144342		5.24	<0.5	0.16	16	10	<0.5	4	0.75	0.6	111	1810	12	5.69	<10	0.01
144343		5.44	<0.5	0.14	11	<10	<0.5	3	0.40	0.7	109	1490	3	5.56	<10	<0.01
144344		5.18	<0.5	0.12	23	<10	<0.5	2	1.16	0.6	100	1330	3	5.15	<10	<0.01
144345		5.22	<0.5	0.11	24	<10	<0.5	5	0.90	0.5	113	1330	3	5.65	<10	<0.01

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CALGARY AB T3G 3N8

Finalized Date: 14-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144306		20	17.45	922	<1	0.27	1485	960	6	0.04	5	9	241	<20	0.15	<10
144307		10	21.3	925	<1	0.11	1955	360	<2	0.04	<5	7	104	<20	0.06	<10
144308		<10	23.3	802	<1	0.01	2110	10	2	0.08	<5	7	51	<20	<0.01	<10
144309		10	18.65	888	<1	0.51	1645	820	5	0.05	<5	8	360	<20	0.11	<10
144310		<10	24.8	1195	<1	0.01	2370	<10	<2	0.08	<5	6	18	<20	<0.01	<10
144311		<10	25.8	1095	<1	0.01	2420	<10	<2	0.09	<5	5	15	<20	<0.01	<10
144312		10	25.5	929	<1	0.01	2320	10	<2	0.07	<5	6	12	<20	<0.01	<10
144313		<10	24.6	883	<1	0.01	2170	<10	<2	0.07	<5	6	15	<20	<0.01	<10
144314		<10	23.5	813	<1	0.01	2080	<10	<2	0.05	5	8	36	<20	<0.01	<10
144315		<10	23.5	916	<1	0.01	2140	<10	<2	0.06	<5	5	60	<20	<0.01	<10
144316		10	23.9	856	<1	0.01	2130	<10	<2	0.08	<5	6	144	<20	<0.01	<10
144317		<10	24.9	869	<1	0.01	2380	10	<2	0.06	<5	6	80	<20	<0.01	<10
144318		10	25.2	874	<1	0.01	2270	<10	2	0.07	<5	6	12	<20	<0.01	<10
144319		<10	25.7	957	<1	0.01	2330	<10	<2	0.07	<5	6	10	<20	<0.01	<10
144320		10	26.0	1055	<1	0.01	2390	<10	<2	0.07	<5	6	65	<20	<0.01	<10
144321		10	0.17	27	<1	0.01	16	30	4	0.17	5	<1	5	<20	0.02	<10
144322		<10	26.0	1125	<1	0.01	2420	<10	<2	0.07	<5	6	14	<20	<0.01	10
144323		10	23.5	1175	<1	0.01	2130	70	2	0.08	<5	6	27	<20	0.02	<10
144324		10	22.5	1020	<1	0.02	1775	120	3	0.12	<5	9	19	<20	0.04	<10
144325		10	24.1	905	<1	0.01	2050	<10	<2	0.09	<5	8	3	<20	<0.01	<10
144326		10	25.0	1030	<1	<0.01	2320	<10	<2	0.11	<5	5	8	<20	<0.01	<10
144327		<10	22.6	891	<1	0.01	2200	20	<2	0.08	7	6	11	<20	<0.01	<10
144328		<10	19.95	756	<1	0.01	1995	20	10	0.07	8	6	36	<20	<0.01	<10
144329		<10	22.6	1020	<1	<0.01	1820	10	<2	0.26	5	5	46	<20	<0.01	<10
144330		<10	23.2	924	<1	<0.01	2080	<10	<2	0.24	5	5	28	<20	<0.01	<10
144331		<10	23.3	876	<1	<0.01	2200	<10	<2	0.11	5	5	21	<20	<0.01	<10
144332		10	23.9	1040	<1	<0.01	2150	10	11	0.12	<5	4	23	<20	<0.01	<10
144333		10	16.90	770	<1	0.03	1745	90	7	0.04	<5	6	35	<20	0.03	<10
144334		10	2.99	725	<1	2.80	34	670	63	<0.01	<5	9	361	<20	0.24	<10
144335		10	2.28	550	<1	2.27	38	620	17	0.02	<5	8	314	<20	0.22	<10
144336		10	2.97	619	<1	1.75	55	620	16	<0.01	<5	8	445	<20	0.22	<10
144337		<10	1.87	925	<1	1.98	17	660	26	0.01	<5	8	424	<20	0.23	<10
144338		10	2.35	865	<1	1.59	32	670	43	<0.01	<5	9	418	<20	0.23	<10
144339		<10	4.71	1370	<1	2.66	77	720	105	<0.01	<5	7	258	<20	0.24	<10
144340		10	20.3	895	<1	0.02	1850	10	8	0.10	<5	4	59	<20	<0.01	<10
144341		10	0.07	18	<1	0.02	4	50	<2	0.03	<5	1	8	<20	0.03	<10
144342		10	26.0	1050	<1	0.01	2150	10	7	0.12	<5	5	60	<20	<0.01	<10
144343		10	24.7	907	<1	<0.01	2150	10	9	0.12	<5	5	30	<20	<0.01	<10
144344		10	25.1	959	<1	<0.01	1915	<10	8	0.16	<5	4	97	<20	<0.01	<10
144345		10	24.9	1020	<1	<0.01	2170	10	6	0.19	<5	5	142	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144306		<10	52	<10	79	<10
144307		<10	37	<10	58	<10
144308		<10	23	<10	62	<10
144309		<10	55	<10	55	<10
144310		<10	24	<10	79	<10
144311		<10	22	<10	88	<10
144312		<10	21	<10	56	<10
144313		<10	23	<10	67	<10
144314		<10	26	<10	49	<10
144315		<10	19	<10	69	<10
144316		<10	21	<10	60	<10
144317		<10	21	<10	64	<10
144318		<10	21	10	63	<10
144319		<10	22	<10	68	<10
144320		<10	23	<10	100	<10
144321		<10	3	<10	40	<10
144322		<10	21	<10	79	<10
144323		<10	30	<10	93	<10
144324		<10	38	<10	90	<10
144325		<10	21	<10	70	<10
144326		<10	17	<10	58	<10
144327		<10	20	<10	72	<10
144328		<10	21	<10	98	<10
144329		<10	17	<10	84	<10
144330		<10	19	<10	81	<10
144331		<10	19	<10	72	<10
144332		<10	17	<10	97	<10
144333		<10	28	<10	119	10
144334		<10	90	<10	82	30
144335		<10	84	<10	76	30
144336		<10	83	<10	80	30
144337		<10	87	<10	105	30
144338		<10	87	<10	91	30
144339		10	93	<10	156	30
144340		<10	16	<10	62	<10
144341		<10	6	<10	<2	<10
144342		<10	19	<10	75	<10
144343		<10	19	<10	51	<10
144344		<10	17	<10	55	<10
144345		<10	16	<10	55	<10

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CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144346		5.66	<0.5	0.15	31	10	<0.5	3	0.21	0.8	110	1460	4	5.70	<10	<0.01
144347		4.76	<0.5	0.15	27	70	<0.5	2	0.15	0.6	108	1390	3	5.58	<10	<0.01
144348		5.34	<0.5	0.14	28	<10	<0.5	3	0.18	0.8	108	1510	2	5.68	<10	<0.01
144349		5.72	<0.5	0.17	24	<10	<0.5	<2	0.38	0.7	102	1550	3	5.44	<10	<0.01
144350		4.86	<0.5	0.16	18	<10	<0.5	6	0.46	0.5	109	1730	4	5.49	<10	<0.01
144351		4.86	<0.5	0.18	23	<10	<0.5	3	0.48	0.6	109	1720	3	5.81	<10	<0.01
144352		5.98	<0.5	0.18	20	<10	<0.5	<2	0.15	0.5	116	1800	4	6.09	<10	<0.01
144353		5.40	<0.5	0.17	16	<10	<0.5	5	0.30	<0.5	109	1390	4	5.69	<10	<0.01
144354		5.46	<0.5	0.23	16	<10	<0.5	3	0.14	0.7	113	1660	3	5.90	<10	<0.01
144355		6.18	<0.5	0.18	11	<10	<0.5	3	0.25	0.6	113	1500	3	5.91	<10	<0.01
144356		5.56	<0.5	0.18	8	<10	<0.5	5	0.27	0.5	112	1460	3	6.16	<10	<0.01
144357		5.66	<0.5	0.18	11	<10	<0.5	4	0.25	0.7	114	1460	5	6.01	<10	<0.01
144358		5.76	<0.5	0.18	16	<10	<0.5	<2	0.37	0.7	113	1680	3	5.80	<10	<0.01
144359		5.52	<0.5	0.19	14	<10	<0.5	4	0.23	0.7	108	1360	3	5.80	<10	<0.01
144360		5.34	<0.5	0.21	12	<10	<0.5	2	0.26	0.5	108	1280	5	5.79	<10	<0.01
144361		1.26	<0.5	0.53	<5	180	<0.5	3	0.01	0.6	2	43	3	0.37	<10	0.24
144362		5.88	<0.5	0.17	15	<10	<0.5	<2	0.38	0.5	109	1930	7	5.41	<10	<0.01
144363		5.48	<0.5	0.18	17	<10	<0.5	4	0.14	0.8	111	1510	3	5.66	<10	0.02
144364		5.30	<0.5	0.21	21	<10	<0.5	3	0.20	0.6	105	1530	3	5.66	<10	<0.01
144365		5.86	<0.5	0.19	12	<10	<0.5	<2	0.31	<0.5	108	1400	3	5.52	<10	<0.01
144366		5.46	<0.5	0.16	16	<10	<0.5	<2	0.13	0.8	113	1480	5	6.05	<10	<0.01
144367		5.56	<0.5	0.18	13	<10	<0.5	4	0.20	0.8	109	1380	29	5.63	<10	<0.01
144368		5.40	<0.5	0.22	13	<10	<0.5	<2	0.84	<0.5	103	1390	5	5.48	<10	0.01
144369		5.02	<0.5	0.23	6	<10	<0.5	<2	0.24	<0.5	109	1460	7	5.60	<10	<0.01
144370		4.76	<0.5	0.10	9	<10	<0.5	<2	0.13	<0.5	114	1660	11	5.44	<10	<0.01
144371		6.02	<0.5	0.11	11	<10	<0.5	<2	0.09	<0.5	113	1720	10	5.67	<10	<0.01
144372		4.58	<0.5	0.15	13	<10	<0.5	2	0.35	<0.5	109	2470	15	6.14	<10	<0.01
144373		5.24	<0.5	0.17	11	<10	<0.5	<2	0.13	<0.5	114	2230	12	6.05	<10	<0.01
144374		5.92	<0.5	0.14	11	<10	<0.5	<2	0.17	<0.5	105	1560	7	5.24	<10	<0.01
144375		5.56	<0.5	0.19	7	<10	<0.5	<2	0.31	<0.5	115	2340	7	6.03	<10	<0.01
144376		5.24	6.8	0.15	9	<10	<0.5	11	0.89	3.2	105	3420	1210	5.72	<10	<0.01
144377		5.32	0.6	0.12	12	<10	<0.5	<2	0.40	0.6	103	1640	103	5.48	<10	<0.01
144378		5.38	<0.5	0.17	15	<10	<0.5	4	0.43	<0.5	115	1500	60	5.98	<10	<0.01
144379		5.32	<0.5	0.15	10	<10	<0.5	<2	0.14	<0.5	114	1810	8	5.54	<10	<0.01
144380		5.28	<0.5	0.14	6	<10	<0.5	3	0.88	<0.5	110	2100	12	6.19	<10	<0.01
144381		1.18	<0.5	0.37	<5	140	<0.5	2	0.01	<0.5	1	25	2	0.19	<10	0.17
144382		5.64	<0.5	0.13	13	<10	<0.5	<2	0.09	<0.5	121	1880	7	7.38	<10	<0.01
144383		5.62	<0.5	0.14	7	<10	<0.5	<2	0.11	<0.5	109	1610	5	5.65	<10	<0.01
144384		5.18	<0.5	0.15	7	<10	<0.5	<2	0.29	<0.5	103	1440	8	5.78	<10	<0.01
144385		3.76	<0.5	0.11	8	<10	<0.5	3	0.01	<0.5	111	1640	3	6.39	<10	<0.01

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CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144346		10	25.6	866	<1	0.01	2200	<10	7	0.11	<5	6	8	<20	<0.01	<10
144347		10	25.4	838	<1	0.01	2210	10	8	0.11	<5	6	5	<20	<0.01	<10
144348		10	25.4	866	<1	<0.01	2020	<10	7	0.11	<5	6	4	<20	<0.01	<10
144349		10	24.3	1070	<1	0.01	2040	<10	6	0.11	<5	6	11	<20	<0.01	<10
144350		10	24.2	1045	<1	0.01	2110	<10	9	0.30	<5	5	10	<20	<0.01	<10
144351		10	24.7	925	<1	0.01	2150	10	7	0.15	<5	6	9	<20	<0.01	<10
144352		10	27.0	924	<1	<0.01	2340	10	7	0.10	<5	6	2	<20	<0.01	<10
144353		10	26.0	895	<1	<0.01	2150	<10	6	0.09	<5	6	10	<20	<0.01	<10
144354		10	26.5	904	<1	0.01	2200	<10	5	0.07	<5	7	1	<20	<0.01	<10
144355		10	26.3	922	<1	<0.01	2210	<10	3	0.08	<5	6	1	<20	<0.01	<10
144356		10	26.5	907	<1	0.01	2230	<10	4	0.07	<5	7	2	<20	<0.01	<10
144357		10	27.1	893	<1	<0.01	2250	10	7	0.08	<5	6	8	<20	<0.01	<10
144358		10	26.3	896	<1	<0.01	2230	<10	6	0.07	<5	5	14	<20	<0.01	<10
144359		10	25.7	829	<1	0.01	2210	<10	5	0.07	<5	6	6	<20	<0.01	<10
144360		10	26.6	849	<1	0.01	2160	<10	5	0.07	<5	7	3	<20	<0.01	<10
144361		10	0.23	24	<1	0.01	20	40	<2	0.10	<5	1	4	<20	0.03	<10
144362		10	25.9	886	<1	<0.01	2130	<10	5	0.12	<5	5	9	<20	<0.01	<10
144363		10	26.1	842	<1	0.01	2210	10	6	0.06	<5	5	3	<20	<0.01	<10
144364		10	25.6	814	<1	0.01	2020	<10	6	0.06	<5	6	3	<20	<0.01	<10
144365		10	26.0	866	<1	0.01	2160	10	3	0.07	<5	5	4	<20	<0.01	<10
144366		10	26.9	916	<1	0.01	2210	<10	5	0.08	<5	6	<1	<20	<0.01	<10
144367		10	25.6	867	<1	0.01	2160	10	6	0.10	<5	6	2	<20	<0.01	<10
144368		10	25.0	825	<1	0.01	2030	30	<2	0.05	<5	6	44	<20	<0.01	<10
144369		10	26.4	834	<1	0.01	2230	10	<2	0.09	<5	6	9	<20	<0.01	<10
144370		10	26.1	853	<1	<0.01	2390	<10	<2	0.11	<5	4	2	<20	<0.01	<10
144371		10	26.3	848	<1	0.01	2310	10	<2	0.09	<5	4	2	<20	<0.01	<10
144372		10	25.4	1190	<1	0.01	2110	10	10	0.14	<5	5	8	<20	<0.01	<10
144373		10	26.7	905	<1	0.01	2290	<10	<2	0.10	<5	6	1	<20	<0.01	<10
144374		<10	25.0	885	<1	0.01	2120	<10	3	0.10	<5	5	1	<20	<0.01	<10
144375		10	26.1	937	<1	0.01	2330	10	<2	0.11	<5	6	6	<20	<0.01	<10
144376		10	23.5	1120	<1	0.01	1900	40	20	0.29	<5	4	43	<20	<0.01	<10
144377		<10	24.2	994	<1	0.01	2070	30	7	0.12	<5	4	26	<20	<0.01	<10
144378		10	26.3	1105	<1	0.01	2370	30	5	0.11	<5	6	61	<20	<0.01	<10
144379		10	26.3	958	<1	0.01	2340	10	2	0.11	<5	5	6	<20	<0.01	<10
144380		10	24.6	1455	<1	0.01	2170	20	7	0.17	<5	5	89	<20	<0.01	<10
144381		10	0.10	13	<1	0.01	8	30	<2	0.02	<5	<1	5	<20	0.02	<10
144382		<10	25.1	1240	<1	0.01	2270	<10	8	0.08	<5	6	9	<20	<0.01	<10
144383		10	25.1	1045	<1	0.01	2080	<10	2	0.09	<5	6	9	<20	<0.01	<10
144384		10	24.7	1095	<1	<0.01	2070	10	7	0.11	<5	6	17	<20	<0.01	<10
144385		<10	25.3	973	<1	<0.01	2110	<10	<2	0.06	<5	4	<1	<20	<0.01	<10

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CALGARY AB T3G 3N8

Finalized Date: 14-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144346		<10	18	<10	53	<10
144347		<10	19	<10	49	<10
144348		<10	18	<10	46	<10
144349		<10	20	<10	50	<10
144350		<10	20	<10	74	<10
144351		<10	23	<10	50	<10
144352		<10	22	<10	51	<10
144353		<10	20	<10	46	<10
144354		<10	27	<10	50	<10
144355		<10	22	<10	48	<10
144356		<10	23	<10	48	<10
144357		<10	22	<10	49	<10
144358		<10	22	<10	54	<10
144359		<10	23	<10	49	<10
144360		<10	22	<10	48	<10
144361		<10	4	<10	<2	<10
144362		<10	21	<10	50	<10
144363		<10	20	<10	51	<10
144364		<10	23	<10	50	<10
144365		<10	22	<10	54	<10
144366		<10	23	<10	55	<10
144367		<10	20	<10	88	<10
144368		<10	24	<10	57	<10
144369		<10	21	<10	51	<10
144370		<10	17	<10	44	<10
144371		<10	17	<10	45	<10
144372		<10	20	<10	59	<10
144373		<10	22	<10	53	<10
144374		<10	17	<10	51	<10
144375		<10	26	<10	61	<10
144376		<10	23	<10	842	<10
144377		<10	17	<10	276	<10
144378		<10	22	<10	95	<10
144379		<10	20	<10	56	<10
144380		<10	19	<10	127	<10
144381		<10	3	<10	<2	10
144382		<10	17	<10	68	<10
144383		<10	19	<10	58	<10
144384		<10	18	<10	65	<10
144385		<10	17	<10	45	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144386		4.80	<0.5	0.15	21	<10	<0.5	<2	0.14	<0.5	106	1340	2	5.52	<10	<0.01
144387		4.90	<0.5	0.10	9	<10	<0.5	<2	0.14	<0.5	119	1870	10	5.37	<10	<0.01

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144386		<10	24.8	850	<1	0.01	2180	<10	2	0.10	<5	6	3	<20	<0.01	<10
144387		10	26.7	877	<1	<0.01	2440	<10	<2	0.12	<5	4	2	<20	<0.01	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11188717

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144386		<10	19	<10	44	<10
144387		<10	17	<10	41	<10

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CERTIFICATE VA11187296

Project: Record Ridge South Mg Explo
P.O. No.:
This report is for 69 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 16-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
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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

ALS Canada Ltd.

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Finalized Date: 20-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explo

CERTIFICATE OF ANALYSIS VA11187296

Sample Description	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144388	5.12	<0.5	0.41	41	60	<0.5	<2	0.13	0.7	103	2230	1	5.82	<10	0.12
144389	5.48	<0.5	0.20	29	10	<0.5	<2	0.13	0.6	103	1860	<1	5.46	<10	0.01
144390	4.98	<0.5	0.19	36	<10	<0.5	<2	0.20	0.5	101	2000	<1	5.50	<10	<0.01
144391	5.20	<0.5	0.15	28	10	<0.5	<2	0.17	0.6	108	1700	<1	5.84	<10	<0.01
144392	4.44	<0.5	0.10	35	<10	<0.5	<2	0.30	0.7	109	1620	<1	5.37	<10	<0.01
144393	5.20	<0.5	0.17	49	<10	<0.5	<2	0.13	0.6	108	2240	<1	5.73	<10	<0.01
144394	5.08	<0.5	0.17	37	<10	<0.5	<2	0.16	0.7	105	2790	<1	5.64	<10	<0.01
144395	4.98	<0.5	0.18	34	<10	<0.5	<2	0.16	0.5	99	2960	<1	4.95	<10	0.01
144396	4.92	<0.5	0.18	28	<10	<0.5	<2	0.10	<0.5	103	2770	<1	5.90	<10	<0.01
144397	5.18	<0.5	0.19	32	<10	<0.5	<2	0.10	0.7	98	1695	<1	5.36	<10	<0.01
144398	4.34	<0.5	0.14	71	<10	<0.5	<2	0.28	0.7	106	2120	<1	5.70	<10	<0.01
144399	4.78	<0.5	0.15	35	10	<0.5	<2	0.89	0.6	94	1900	<1	5.17	<10	0.01
144400	5.32	<0.5	0.14	19	<10	<0.5	<2	0.33	0.8	98	1815	<1	5.30	<10	<0.01
144401	0.96	<0.5	0.40	<5	140	<0.5	<2	0.04	<0.5	1	33	3	0.30	<10	0.19
144402	3.72	<0.5	0.50	19	20	<0.5	<2	1.12	0.8	90	1800	16	5.23	<10	0.02
144403	4.54	0.5	7.29	<5	1690	1.8	<2	3.99	0.9	23	185	39	5.79	10	3.42
144404	4.58	<0.5	0.24	28	10	<0.5	<2	0.95	0.6	84	1765	<1	4.85	<10	0.01
144405	4.94	<0.5	0.21	32	<10	<0.5	<2	0.96	<0.5	94	1320	7	5.28	<10	0.01
144406	4.90	<0.5	0.24	33	10	<0.5	<2	1.16	<0.5	91	1280	2	5.05	<10	0.02
144407	5.12	<0.5	0.22	26	<10	<0.5	<2	0.32	<0.5	97	1500	2	5.36	<10	<0.01
144408	4.52	<0.5	0.16	28	<10	<0.5	<2	0.21	<0.5	99	1520	1	4.98	<10	<0.01
144409	4.60	<0.5	0.17	21	<10	<0.5	2	0.29	<0.5	95	1370	1	5.17	<10	0.01
144410	4.96	<0.5	0.18	18	<10	<0.5	<2	0.17	<0.5	103	1520	1	5.55	<10	<0.01
144411	5.28	<0.5	0.22	17	<10	<0.5	<2	0.56	<0.5	95	1410	<1	5.18	<10	<0.01
144412	4.86	<0.5	0.20	17	<10	<0.5	<2	0.20	<0.5	101	1470	<1	5.41	<10	0.01
144413	5.12	<0.5	0.18	16	<10	<0.5	<2	0.22	<0.5	100	1670	1	5.35	<10	0.01
144414	5.20	<0.5	0.22	17	<10	<0.5	<2	0.27	<0.5	96	1420	4	5.17	<10	0.01
144415	5.10	<0.5	0.17	14	<10	<0.5	<2	0.19	<0.5	101	1560	1	5.43	<10	<0.01
144416	5.04	<0.5	0.16	13	<10	<0.5	2	0.49	<0.5	105	1760	4	5.64	<10	<0.01
144417	5.62	<0.5	0.19	12	10	<0.5	<2	0.29	<0.5	97	1370	2	5.48	<10	0.01
144418	4.62	<0.5	0.19	13	<10	<0.5	2	0.64	<0.5	98	1440	1	5.36	<10	0.01
144419	4.62	<0.5	0.25	18	<10	<0.5	<2	1.39	<0.5	99	1370	1	5.41	<10	0.01
144420	5.04	<0.5	0.28	8	<10	<0.5	<2	1.54	<0.5	97	1410	1	5.48	<10	0.01
144421	1.14	<0.5	0.62	<5	240	<0.5	<2	0.02	<0.5	2	30	3	0.40	<10	0.29
144422	5.38	<0.5	1.64	17	10	<0.5	<2	2.52	<0.5	86	1520	5	5.89	<10	0.02
144423	5.62	<0.5	0.54	17	10	<0.5	<2	3.26	<0.5	86	1450	6	5.20	<10	0.02
144424	4.90	0.5	0.52	22	20	<0.5	3	2.35	1.6	94	1420	16	5.31	<10	0.02
144425	5.16	<0.5	0.34	27	10	<0.5	<2	2.86	1.2	76	1220	17	4.93	<10	0.01
144426	5.02	<0.5	0.16	16	<10	<0.5	<2	0.59	<0.5	93	1340	<1	5.04	<10	<0.01
144427	5.42	<0.5	0.16	10	<10	<0.5	<2	0.28	<0.5	99	1730	<1	5.29	<10	<0.01

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Finalized Date: 20-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explo

CERTIFICATE OF ANALYSIS VA11187296

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144388		10	25.3	825	1	0.11	2110	50	3	0.05	9	6	45	<20	0.02	<10
144389		10	26.9	826	1	0.01	2210	<10	4	0.08	6	6	1	<20	<0.01	<10
144390		10	26.8	829	2	0.01	2150	10	2	0.09	13	6	3	<20	<0.01	<10
144391		10	26.2	850	2	<0.01	2210	10	3	0.11	8	5	4	<20	<0.01	<10
144392		10	27.7	888	2	<0.01	2280	10	<2	0.13	6	4	10	<20	<0.01	<10
144393		10	27.1	869	1	<0.01	2300	10	<2	0.10	10	5	4	<20	<0.01	<10
144394		10	27.1	856	2	0.01	2190	10	<2	0.07	12	5	4	<20	<0.01	<10
144395		10	25.0	812	2	0.01	2040	10	<2	0.08	13	4	4	<20	<0.01	<10
144396		10	25.5	801	2	0.01	2080	10	<2	0.08	11	5	3	<20	<0.01	<10
144397		10	25.2	748	1	0.01	2050	10	3	0.08	5	5	4	<20	<0.01	<10
144398		10	25.1	815	2	<0.01	2190	30	3	0.07	8	5	24	<20	<0.01	<10
144399		10	23.9	671	2	0.01	2050	40	7	0.05	8	5	60	<20	<0.01	<10
144400		10	25.6	818	2	0.01	1890	10	7	0.10	12	6	45	<20	<0.01	<10
144401		10	0.28	26	1	0.01	23	40	3	0.04	<5	<1	4	<20	0.02	<10
144402		10	23.6	1155	1	0.02	1840	140	8	0.14	16	7	82	<20	0.03	<10
144403		50	4.60	1920	1	1.64	65	2520	23	0.02	<5	17	792	<20	0.52	<10
144404		10	22.9	872	1	0.01	1885	10	<2	0.21	13	6	88	<20	<0.01	<10
144405		<10	22.6	874	2	0.01	2060	<10	15	0.17	6	6	71	<20	<0.01	<10
144406		<10	21.7	1140	2	0.01	2020	20	9	0.20	<5	6	104	<20	0.01	<10
144407		<10	23.1	893	2	0.01	2230	<10	<2	0.13	<5	7	16	<20	<0.01	<10
144408		<10	23.4	843	2	0.01	2260	<10	<2	0.14	<5	5	9	<20	<0.01	<10
144409		<10	22.6	776	2	0.01	2080	10	6	0.11	<5	6	8	<20	<0.01	<10
144410		<10	23.5	862	2	0.01	2240	<10	<2	0.11	5	6	7	<20	<0.01	<10
144411		<10	22.5	774	2	0.01	2080	10	<2	0.10	<5	7	14	<20	<0.01	<10
144412		<10	23.7	818	2	0.02	2260	10	<2	0.09	<5	7	18	<20	<0.01	<10
144413		<10	23.4	829	2	0.01	2150	<10	<2	0.10	<5	6	35	<20	<0.01	<10
144414		<10	23.2	812	2	0.02	2160	<10	81	0.11	<5	7	13	<20	<0.01	<10
144415		<10	23.6	801	1	0.01	2280	<10	33	0.10	<5	6	18	<20	<0.01	<10
144416		<10	23.9	886	1	0.01	2260	<10	<2	0.14	<5	6	14	<20	<0.01	<10
144417		<10	22.0	749	2	0.02	2130	<10	<2	0.09	<5	7	8	<20	<0.01	<10
144418		<10	22.9	764	2	0.01	2230	<10	15	0.10	<5	7	19	<20	<0.01	<10
144419		<10	22.8	825	1	0.01	2180	<10	<2	0.09	<5	7	40	<20	<0.01	<10
144420		<10	22.1	885	1	0.01	2180	<10	<2	0.09	5	7	52	<20	0.01	<10
144421		10	0.15	31	2	0.01	12	40	<2	0.03	<5	1	6	<20	0.03	<10
144422		<10	19.60	978	1	0.01	1770	120	4	0.06	<5	12	117	<20	0.09	<10
144423		<10	18.05	877	2	0.03	1825	30	2	0.05	7	8	298	<20	0.03	<10
144424		<10	19.10	954	2	0.02	1760	30	223	0.48	8	8	146	<20	0.03	<10
144425		<10	19.30	1070	2	0.01	1675	10	71	0.35	8	6	301	<20	0.01	<10
144426		<10	22.3	876	1	0.01	1965	<10	2	0.09	<5	6	71	<20	<0.01	<10
144427		<10	23.2	862	2	0.01	2240	<10	<2	0.08	<5	6	25	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11187296

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144388		<10	22	<10	48	<10
144389		<10	19	<10	42	<10
144390		10	17	<10	43	<10
144391		<10	14	<10	37	<10
144392		<10	14	<10	38	<10
144393		<10	19	<10	44	<10
144394		<10	20	<10	50	<10
144395		<10	20	<10	57	<10
144396		10	21	<10	50	<10
144397		<10	17	<10	42	<10
144398		<10	16	<10	50	<10
144399		<10	17	<10	47	<10
144400		<10	17	<10	50	<10
144401		<10	3	<10	5	<10
144402		<10	24	<10	68	<10
144403		<10	157	<10	127	10
144404		<10	20	<10	65	<10
144405		<10	19	<10	64	<10
144406		<10	20	<10	71	<10
144407		<10	21	<10	57	<10
144408		<10	17	<10	55	<10
144409		<10	18	<10	48	<10
144410		<10	19	<10	49	<10
144411		<10	22	<10	46	<10
144412		<10	22	<10	44	<10
144413		<10	19	<10	45	<10
144414		<10	21	<10	48	<10
144415		<10	19	<10	45	<10
144416		<10	20	<10	52	<10
144417		<10	19	<10	41	<10
144418		<10	21	<10	42	<10
144419		<10	23	<10	43	<10
144420		<10	24	<10	46	<10
144421		<10	5	<10	<2	<10
144422		<10	72	<10	47	10
144423		<10	31	<10	38	<10
144424		<10	32	<10	355	<10
144425		<10	22	<10	358	<10
144426		<10	19	<10	62	<10
144427		<10	21	<10	64	<10

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CALGARY AB T3G 3N8

Finalized Date: 20-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explo

CERTIFICATE OF ANALYSIS VA11187296

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144428		4.68	<0.5	0.14	12	<10	<0.5	<2	0.71	<0.5	106	1500	1	5.43	<10	0.01
144429		5.02	<0.5	0.18	9	<10	<0.5	<2	1.49	<0.5	98	1530	1	5.36	<10	<0.01
144430		6.54	<0.5	0.16	16	<10	<0.5	2	2.11	<0.5	92	1370	1	5.00	<10	<0.01
144431		5.08	<0.5	0.18	12	40	1.0	3	5.23	<0.5	68	1170	2	3.99	<10	<0.01
144432		3.30	<0.5	0.20	22	20	<0.5	<2	2.10	<0.5	80	1220	3	4.86	<10	0.01
144433		4.64	<0.5	0.17	15	<10	<0.5	<2	1.31	<0.5	100	1490	1	5.81	<10	<0.01
144434		3.70	<0.5	0.15	14	10	<0.5	<2	1.48	<0.5	100	1770	1	5.06	<10	<0.01
144435		5.26	<0.5	7.38	5	1860	4.1	4	3.52	<0.5	17	94	19	4.06	20	3.68
144436		4.96	<0.5	7.36	<5	1830	4.2	2	2.66	<0.5	15	73	25	4.06	20	3.75
144437		4.50	0.9	7.73	10	2200	4.3	2	2.47	3.1	14	78	171	4.03	20	3.91
144438		4.96	<0.5	7.64	8	1970	4.3	<2	2.51	1.4	15	66	57	4.01	20	3.99
144439		5.18	<0.5	7.11	5	1760	4.1	3	3.12	<0.5	13	65	22	3.92	20	3.73
144440		5.34	<0.5	7.25	6	1780	4.1	<2	3.15	<0.5	14	66	22	3.95	20	3.64
144441		1.16	<0.5	0.48	<5	130	<0.5	3	0.04	<0.5	<1	11	1	0.30	<10	0.22
144442		4.72	<0.5	7.01	<5	1780	4.0	<2	3.07	<0.5	13	71	23	3.86	20	3.68
144443		5.16	<0.5	6.76	<5	1710	4.0	<2	3.10	<0.5	13	74	24	3.76	20	3.56
144444		3.04	<0.5	7.01	<5	1690	4.1	<2	3.12	<0.5	13	77	22	3.80	20	3.67
144445		4.82	<0.5	0.65	18	10	<0.5	<2	3.05	<0.5	78	1540	14	5.00	<10	0.04
144446		4.56	<0.5	3.90	12	250	0.5	<2	4.16	<0.5	60	1175	10	5.60	10	0.14
144447		4.56	<0.5	6.00	<5	670	0.5	<2	3.11	<0.5	39	510	40	5.71	10	0.75
144448		5.08	<0.5	5.24	6	580	0.5	<2	4.65	<0.5	44	791	14	5.32	10	0.32
144449		5.68	<0.5	5.93	16	270	0.5	<2	3.66	<0.5	47	573	48	5.82	10	0.33
144450		5.66	<0.5	3.59	7	470	0.5	<2	4.17	<0.5	68	1250	65	6.06	10	0.23
144451		5.64	<0.5	0.97	14	630	<0.5	<2	3.97	<0.5	69	1250	55	5.55	10	0.20
144452		5.18	<0.5	0.14	11	<10	<0.5	<2	1.29	<0.5	112	2090	75	5.95	<10	<0.01
144453		5.26	0.6	3.40	17	90	0.5	<2	4.73	<0.5	75	1575	92	5.35	10	0.16
144454		7.40	<0.5	0.62	55	100	<0.5	<2	4.19	<0.5	92	1690	13	5.46	<10	0.19
144455		4.32	<0.5	0.22	14	<10	<0.5	<2	0.48	<0.5	97	1590	1	5.23	<10	0.01
144456		5.30	<0.5	0.14	10	<10	<0.5	<2	1.32	<0.5	114	2030	81	5.90	<10	<0.01

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Finalized Date: 20-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explo

CERTIFICATE OF ANALYSIS VA11187296

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144428		<10	23.1	907	2	<0.01	2170	<10	4	0.10	<5	6	41	<20	<0.01	<10
144429		<10	22.8	875	2	<0.01	2140	<10	2	0.12	<5	6	161	<20	<0.01	<10
144430		<10	21.2	1035	2	0.01	2010	<10	11	0.21	6	6	265	<20	<0.01	<10
144431		<10	16.95	1680	2	0.02	1620	10	11	0.03	10	4	554	<20	<0.01	<10
144432		<10	19.85	1375	2	0.01	1905	10	<2	0.10	9	5	182	<20	<0.01	<10
144433		<10	22.4	928	2	<0.01	2230	<10	<2	0.23	<5	5	54	<20	<0.01	<10
144434		<10	22.4	860	3	<0.01	2190	<10	6	0.26	<5	4	1210	<20	<0.01	<10
144435		60	2.54	782	5	2.90	75	2640	27	0.29	<5	8	1830	20	0.46	<10
144436		60	2.05	750	2	2.93	44	2570	29	0.02	<5	8	1355	20	0.45	<10
144437		60	2.26	1210	1	2.97	48	2750	489	0.01	<5	9	1480	30	0.47	<10
144438		60	2.02	1035	2	2.92	30	2620	181	0.01	<5	9	1345	30	0.47	<10
144439		50	1.81	1020	1	2.86	29	2510	41	<0.01	<5	8	1310	20	0.44	<10
144440		60	1.85	895	2	2.97	30	2560	31	0.01	<5	8	1385	20	0.45	<10
144441		10	0.03	30	<1	0.02	2	60	<2	0.03	<5	1	9	<20	0.02	<10
144442		60	1.74	844	<1	2.95	29	2530	26	<0.01	<5	8	1310	20	0.44	<10
144443		60	1.68	759	<1	2.93	26	2490	20	<0.01	<5	8	1280	20	0.43	<10
144444		60	1.75	766	<1	2.98	34	2480	20	0.01	5	8	1260	30	0.44	<10
144445		10	17.75	957	<1	0.05	1680	50	9	0.13	<5	7	66	<20	0.02	<10
144446		10	13.50	1440	<1	0.13	1140	390	8	0.04	<5	13	266	<20	0.18	<10
144447		10	8.27	1105	<1	1.36	401	640	11	<0.01	<5	18	406	<20	0.29	<10
144448		10	10.40	1445	<1	0.79	746	500	14	0.01	<5	15	447	<20	0.21	<10
144449		10	10.20	1365	<1	0.77	596	610	29	0.19	<5	12	685	<20	0.28	<10
144450		10	14.70	1100	<1	0.32	1275	440	8	0.04	<5	11	459	<20	0.22	<10
144451		10	13.80	907	<1	0.10	1225	480	5	0.02	<5	3	619	<20	0.24	<10
144452		10	23.6	1330	<1	0.01	2120	10	4	0.07	<5	5	17	<20	<0.01	<10
144453		10	14.70	1285	2	0.78	1385	230	78	0.09	<5	11	201	<20	0.10	<10
144454		10	21.1	1300	<1	0.14	1930	140	5	0.06	<5	6	153	<20	0.03	<10
144455		10	23.1	779	<1	0.01	2140	10	<2	0.10	<5	7	13	<20	<0.01	<10
144456		10	23.4	1325	<1	0.01	2160	<10	26	0.08	<5	5	16	<20	<0.01	<10

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CALGARY AB T3G 3N8

Finalized Date: 20-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explo

CERTIFICATE OF ANALYSIS VA11187296

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144428		<10	20	<10	67	<10
144429		<10	23	<10	63	<10
144430		<10	20	<10	71	<10
144431		<10	15	<10	111	<10
144432		<10	25	<10	71	<10
144433		<10	20	<10	64	<10
144434		<10	16	<10	67	<10
144435		<10	101	<10	74	30
144436		<10	102	<10	75	20
144437		<10	111	<10	615	20
144438		<10	103	<10	242	20
144439		<10	99	<10	105	20
144440		<10	98	<10	81	20
144441		<10	4	<10	2	<10
144442		<10	98	<10	76	20
144443		<10	99	<10	68	20
144444		<10	99	<10	68	20
144445		<10	32	<10	73	<10
144446		<10	121	<10	109	30
144447		<10	196	<10	86	70
144448		<10	143	<10	102	30
144449		<10	168	<10	128	60
144450		<10	134	<10	130	30
144451		<10	142	<10	106	20
144452		<10	19	10	79	<10
144453		<10	71	<10	208	10
144454		<10	27	10	97	<10
144455		<10	22	<10	41	<10
144456		<10	19	10	97	<10

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Finalized Date: 24-OCT-2011
Account: WHYRES

CERTIFICATE VA11192270

Project: Record Ridge South Mg Explor
P.O. No.:
This report is for 72 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA11192270

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144457		6.30	<0.5	0.16	11	10	<0.5	<2	0.69	<0.5	111	1970	2	6.06	<10	0.01
144458		4.32	<0.5	2.30	5	120	0.5	<2	1.75	<0.5	86	1700	16	5.04	<10	0.16
144459		4.32	<0.5	7.66	<5	720	<0.5	<2	0.42	<0.5	52	872	10	5.65	10	1.21
144460		1.38	<0.5	0.34	15	40	<0.5	<2	0.55	<0.5	100	1750	6	5.75	<10	0.03
144461		1.04	<0.5	0.52	<5	140	<0.5	<2	0.01	<0.5	2	20	2	0.27	<10	0.22
144462		4.08	<0.5	7.29	5	1010	2.5	<2	3.96	<0.5	43	317	56	6.86	20	1.90
144463		4.44	<0.5	0.86	20	170	0.6	<2	1.43	<0.5	97	2000	5	5.62	<10	0.32
144464		4.18	<0.5	7.37	<5	1570	3.7	2	2.13	<0.5	24	322	22	4.42	20	3.30
144465		4.76	<0.5	8.07	<5	1760	4.3	<2	2.11	<0.5	16	77	23	4.25	20	3.84
144466		5.16	<0.5	7.71	<5	1920	4.1	<2	1.76	<0.5	15	83	21	4.11	20	3.98
144467		4.84	<0.5	8.19	5	2180	3.1	<2	0.99	<0.5	16	74	20	4.88	20	4.77
144468		3.90	<0.5	8.96	<5	550	1.0	<2	0.30	<0.5	19	66	6	3.66	20	1.11
144469		5.20	<0.5	7.69	<5	650	0.7	<2	0.58	<0.5	28	746	54	3.62	10	1.63
144470		4.98	<0.5	7.83	<5	970	1.5	<2	0.46	<0.5	14	34	11	3.75	20	2.13
144471		5.24	<0.5	7.97	<5	1110	1.7	<2	0.39	<0.5	13	34	8	4.06	20	2.23
144472		5.02	<0.5	8.36	<5	1060	2.0	<2	0.27	<0.5	21	34	2	7.40	20	1.75
144473		3.56	<0.5	7.91	<5	2040	2.5	<2	0.61	<0.5	36	671	9	7.10	20	3.75
144474		5.04	<0.5	0.29	8	20	0.5	<2	2.92	<0.5	87	1850	3	4.44	<10	0.02
144475		4.86	<0.5	0.32	11	10	<0.5	<2	2.04	<0.5	99	1780	3	5.46	<10	0.02
144476		4.94	<0.5	0.25	14	10	<0.5	<2	1.30	<0.5	99	1490	2	5.15	<10	0.01
144477		5.10	<0.5	0.24	10	<10	<0.5	<2	0.94	<0.5	101	1610	2	5.25	<10	0.01
144478		5.20	<0.5	0.25	16	<10	<0.5	<2	0.97	<0.5	97	1310	3	5.34	<10	0.01
144479		4.82	<0.5	0.17	6	<10	<0.5	<2	0.79	<0.5	100	1810	4	5.52	<10	<0.01
144480		5.42	<0.5	0.19	11	<10	<0.5	<2	1.01	<0.5	99	1710	5	5.54	<10	<0.01
144481		1.20	<0.5	0.55	<5	130	<0.5	<2	0.02	<0.5	4	28	1	0.32	<10	0.24
144482		5.26	<0.5	0.21	12	<10	<0.5	2	0.99	<0.5	102	2030	15	5.69	<10	0.01
144483		5.22	<0.5	0.28	15	<10	<0.5	2	0.87	<0.5	98	1870	7	5.57	10	0.01
144484		5.16	<0.5	0.23	16	<10	<0.5	<2	0.41	<0.5	95	1620	5	5.20	<10	<0.01
144485		5.40	<0.5	0.26	19	<10	<0.5	<2	0.49	<0.5	98	1540	7	5.39	<10	<0.01
144486		4.16	<0.5	0.19	16	<10	<0.5	2	0.83	<0.5	90	1610	5	4.97	<10	<0.01
144487		4.86	<0.5	0.22	25	<10	<0.5	<2	0.70	<0.5	95	1530	5	5.20	10	<0.01
144488		5.30	<0.5	0.19	11	<10	<0.5	2	0.78	<0.5	86	1880	3	4.91	<10	<0.01
144489		5.06	<0.5	0.21	15	10	<0.5	<2	0.90	<0.5	95	1760	5	5.25	<10	<0.01
144490		5.16	<0.5	0.19	14	10	<0.5	<2	0.48	<0.5	96	1720	5	5.22	<10	<0.01
144491		4.76	<0.5	0.17	12	<10	<0.5	<2	0.73	<0.5	98	1610	2	5.23	<10	<0.01
144492		4.58	<0.5	0.20	5	<10	<0.5	<2	1.33	<0.5	93	1640	3	5.01	<10	0.01
144493		5.04	<0.5	0.17	10	<10	<0.5	2	3.30	<0.5	91	1550	2	5.25	<10	0.01
144494		4.22	<0.5	0.60	10	20	<0.5	2	4.27	<0.5	86	1860	13	4.59	<10	0.05
144495		3.94	<0.5	8.38	<5	1220	0.5	<2	0.58	<0.5	14	107	6	3.33	20	2.51
144496		5.76	<0.5	8.07	5	1060	<0.5	<2	0.75	<0.5	14	141	5	3.29	20	2.39

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Project: Record Ridge South Mg Explor

CERTIFICATE OF ANALYSIS VA11192270

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144457		<10	23.3	1020	<1	0.01	2190	30	7	0.02	<5	5	9	<20	<0.01	<10
144458		10	17.85	690	<1	0.14	1945	390	6	0.01	<5	7	203	<20	0.09	<10
144459		10	13.90	1330	<1	0.80	1035	810	18	0.01	<5	10	92	<20	0.18	<10
144460		<10	22.7	1070	<1	0.02	2140	60	3	0.01	<5	5	13	<20	0.01	<10
144461		10	0.14	22	<1	0.01	9	50	<2	0.05	<5	1	4	<20	0.02	<10
144462		30	7.50	2620	<1	1.19	209	2940	14	<0.01	<5	22	621	<20	0.59	<10
144463		10	20.6	1220	<1	0.21	1965	230	7	0.03	5	6	116	<20	0.04	<10
144464		80	4.07	761	<1	2.64	264	2310	19	0.01	<5	10	1175	30	0.42	<10
144465		80	2.16	872	<1	3.03	35	2740	17	0.01	<5	10	1290	30	0.48	<10
144466		70	2.36	892	<1	2.68	39	2760	21	0.01	<5	10	1150	30	0.47	<10
144467		80	3.07	1465	<1	1.58	50	2660	29	0.01	<5	10	781	30	0.42	<10
144468		10	7.59	1230	<1	2.39	116	660	9	<0.01	<5	10	287	<20	0.24	<10
144469		10	5.97	757	<1	2.48	313	560	15	<0.01	<5	9	246	<20	0.19	<10
144470		10	3.20	2300	<1	2.36	21	690	14	<0.01	<5	9	359	<20	0.21	<10
144471		10	3.48	2480	<1	2.42	32	690	14	<0.01	<5	9	373	<20	0.19	<10
144472		10	5.58	5630	<1	2.33	65	800	10	<0.01	5	8	328	<20	0.25	<10
144473		80	6.41	4370	<1	0.57	533	2260	13	<0.01	<5	11	596	20	0.36	<10
144474		<10	20.5	932	<1	0.04	1960	20	6	0.05	<5	5	56	<20	0.01	<10
144475		<10	23.8	865	<1	0.02	2120	<10	4	0.08	<5	7	22	<20	<0.01	<10
144476		10	23.9	835	<1	0.01	2070	10	4	0.11	<5	7	13	<20	<0.01	<10
144477		<10	25.1	893	<1	0.01	2080	10	3	0.10	<5	6	10	<20	<0.01	<10
144478		<10	24.1	844	<1	0.01	1965	<10	13	0.09	<5	7	11	<20	<0.01	<10
144479		10	23.9	819	<1	<0.01	1975	<10	3	0.09	5	5	9	<20	<0.01	<10
144480		<10	23.9	874	<1	0.01	2030	10	11	0.10	<5	6	12	<20	<0.01	<10
144481		10	0.36	68	<1	0.01	28	50	2	0.03	<5	1	4	<20	0.02	<10
144482		10	22.9	843	<1	0.01	2190	<10	5	0.10	<5	6	15	<20	<0.01	<10
144483		10	22.0	868	<1	0.02	2060	<10	3	0.07	<5	7	19	<20	<0.01	<10
144484		10	23.7	865	<1	0.01	2100	<10	<2	0.08	<5	6	16	<20	<0.01	<10
144485		10	23.8	890	<1	0.01	2170	10	3	0.09	<5	7	33	<20	<0.01	<10
144486		10	23.4	936	<1	0.01	1930	<10	2	0.09	<5	6	30	<20	<0.01	<10
144487		10	24.2	873	<1	0.01	2060	<10	3	0.09	<5	6	16	<20	<0.01	<10
144488		10	22.4	776	<1	0.01	1655	10	<2	0.10	<5	6	32	<20	<0.01	<10
144489		10	23.9	881	<1	0.01	2060	10	4	0.12	<5	6	54	<20	<0.01	<10
144490		10	24.1	876	<1	0.01	2080	10	3	0.11	<5	6	25	<20	<0.01	<10
144491		10	24.0	894	<1	<0.01	2150	<10	4	0.13	<5	5	13	<20	<0.01	<10
144492		10	23.7	922	<1	<0.01	2090	<10	8	0.16	<5	6	19	<20	<0.01	<10
144493		10	22.3	1020	<1	<0.01	1910	<10	2	0.13	<5	5	84	<20	<0.01	<10
144494		10	18.20	1010	<1	0.05	2050	30	2	0.10	<5	6	312	<20	0.01	<10
144495		10	4.58	744	<1	2.90	125	590	24	0.08	<5	10	299	<20	0.20	<10
144496		10	4.37	771	<1	3.14	111	630	29	0.01	<5	10	267	<20	0.21	<10

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 24-OCT-2011
Account: WHYRES

Project: Record Ridge South Mg Explor

CERTIFICATE OF ANALYSIS VA11192270

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144457		<10	18	<10	72	<10
144458		<10	47	<10	104	20
144459		<10	79	<10	89	40
144460		<10	34	<10	90	<10
144461		<10	4	<10	<2	<10
144462		<10	163	<10	145	50
144463		<10	30	<10	78	<10
144464		10	92	<10	68	30
144465		<10	103	<10	71	20
144466		<10	106	<10	76	20
144467		<10	95	<10	112	30
144468		<10	88	<10	117	60
144469		<10	78	<10	76	30
144470		<10	90	<10	140	40
144471		<10	87	<10	150	40
144472		<10	102	<10	300	70
144473		<10	101	<10	256	60
144474		<10	18	<10	62	<10
144475		<10	22	<10	49	<10
144476		<10	22	<10	47	<10
144477		<10	23	<10	49	<10
144478		<10	23	<10	53	<10
144479		<10	21	<10	49	<10
144480		<10	21	<10	58	<10
144481		<10	4	<10	2	<10
144482		<10	24	<10	50	<10
144483		<10	25	<10	66	<10
144484		<10	21	<10	45	<10
144485		<10	21	<10	44	<10
144486		<10	18	<10	47	<10
144487		<10	20	<10	47	<10
144488		<10	21	<10	53	<10
144489		<10	21	<10	49	<10
144490		10	20	<10	51	<10
144491		<10	18	<10	49	<10
144492		<10	20	<10	58	<10
144493		<10	17	<10	58	<10
144494		10	22	<10	89	10
144495		<10	86	<10	98	40
144496		<10	86	<10	109	30

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CERTIFICATE OF ANALYSIS VA11192270

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144497		5.16	<0.5	0.97	15	50	<0.5	2	3.16	<0.5	87	1530	12	5.21	10	0.02
144498		3.78	<0.5	5.74	<5	230	0.7	<2	2.50	<0.5	55	1070	7	6.54	20	0.89
144499		5.56	<0.5	0.31	14	<10	<0.5	2	1.74	<0.5	92	1560	2	5.74	10	0.01
144500		4.66	<0.5	0.22	17	<10	<0.5	2	1.23	<0.5	96	1650	1	5.20	<10	<0.01
144501		1.14	<0.5	0.53	<5	120	<0.5	<2	0.02	<0.5	2	26	1	0.33	<10	0.24
144502		5.32	<0.5	0.21	18	<10	<0.5	2	0.71	<0.5	101	1720	1	5.37	<10	0.01
144503		5.02	<0.5	0.20	20	<10	<0.5	<2	1.05	<0.5	101	1560	2	5.72	<10	<0.01
144504		5.62	<0.5	0.20	8	<10	<0.5	<2	1.40	<0.5	101	1730	2	5.52	<10	<0.01
144505		5.00	<0.5	0.23	17	<10	<0.5	<2	0.97	<0.5	100	1660	1	5.56	<10	0.01
144506		4.96	<0.5	0.18	12	10	<0.5	<2	0.37	<0.5	105	1860	1	5.81	<10	0.01
144507		4.70	<0.5	0.21	15	<10	<0.5	<2	0.85	<0.5	98	1650	5	5.65	<10	0.01
144508		5.86	<0.5	0.25	19	<10	<0.5	<2	2.17	<0.5	100	1630	9	6.04	<10	0.01
144509		4.76	<0.5	2.26	10	260	<0.5	<2	1.79	<0.5	77	1420	19	5.23	10	0.44
144510		5.18	<0.5	0.24	18	<10	<0.5	<2	1.67	<0.5	96	1620	2	5.49	<10	0.01
144511		5.34	<0.5	0.20	15	<10	<0.5	2	1.19	<0.5	102	1490	3	5.39	<10	<0.01
144512		5.52	<0.5	0.22	17	<10	<0.5	3	1.18	<0.5	100	1820	3	5.45	<10	<0.01
144513		5.24	<0.5	0.20	18	<10	<0.5	3	0.91	<0.5	101	1730	2	5.55	<10	0.01
144514		5.64	<0.5	0.15	21	<10	<0.5	<2	0.43	<0.5	109	1890	2	5.78	<10	<0.01
144515		5.64	<0.5	0.15	24	<10	<0.5	<2	0.26	<0.5	106	2090	4	5.80	<10	<0.01
144516		4.50	<0.5	0.18	26	10	<0.5	3	0.48	<0.5	98	1550	7	5.82	10	0.01
144517		5.00	<0.5	0.25	41	<10	<0.5	<2	0.36	<0.5	100	1780	2	5.78	<10	0.03
144518		5.32	<0.5	0.26	27	<10	<0.5	4	0.19	<0.5	100	1920	3	5.58	10	0.03
144519		5.08	<0.5	0.74	26	140	<0.5	3	0.75	<0.5	94	1710	7	5.88	10	0.36
144520		5.30	<0.5	0.20	25	<10	<0.5	<2	0.12	<0.5	99	2070	1	5.54	<10	0.04
144521		0.84	<0.5	0.39	<5	120	<0.5	<2	0.01	<0.5	1	20	4	0.24	<10	0.18
144522		5.10	<0.5	0.25	32	10	<0.5	2	0.13	<0.5	100	1890	3	5.55	<10	0.07
144523		5.02	<0.5	0.23	31	<10	<0.5	<2	0.25	<0.5	104	1750	3	5.71	10	0.04
144524		5.70	<0.5	0.17	21	<10	<0.5	<2	0.29	<0.5	102	1930	5	5.46	<10	0.01
144525		5.46	<0.5	0.19	25	<10	<0.5	<2	0.36	<0.5	99	1820	8	5.73	<10	0.01
144526		4.24	<0.5	0.15	20	<10	<0.5	<2	1.19	<0.5	104	1640	3	5.72	<10	0.01
144527		5.18	<0.5	0.22	15	<10	<0.5	<2	1.31	<0.5	98	1610	3	5.41	<10	<0.01
144528		5.04	<0.5	0.20	11	<10	<0.5	<2	1.42	<0.5	93	1640	3	5.01	<10	0.01

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144497		10	20.4	1235	<1	0.05	1770	70	3	0.13	<5	6	155	<20	0.02	<10
144498		10	14.30	2360	1	0.22	1145	810	166	0.03	<5	9	241	<20	0.16	<10
144499		10	22.1	1180	<1	0.01	1960	10	4	0.11	<5	6	75	<20	0.01	<10
144500		10	23.3	937	<1	0.01	2000	<10	4	0.09	<5	6	13	<20	<0.01	<10
144501		10	0.13	36	<1	0.01	11	50	<2	0.09	<5	1	4	<20	0.02	<10
144502		10	25.1	995	<1	0.01	2190	<10	12	0.10	<5	7	7	<20	<0.01	<10
144503		10	25.2	1045	<1	0.01	2160	<10	13	0.12	<5	6	10	<20	<0.01	<10
144504		10	25.1	1050	<1	0.02	2120	<10	4	0.12	<5	6	13	<20	<0.01	<10
144505		10	24.9	1025	<1	0.02	2140	<10	4	0.09	<5	7	18	<20	<0.01	<10
144506		10	25.8	969	<1	0.02	2240	<10	3	0.08	<5	6	14	<20	<0.01	<10
144507		10	24.3	1125	<1	0.02	2040	<10	3	0.17	<5	6	38	<20	<0.01	<10
144508		10	24.1	1110	<1	0.03	2040	<10	3	0.29	<5	11	75	<20	<0.01	<10
144509		10	19.70	1255	<1	0.51	1695	270	15	0.09	<5	7	173	<20	0.06	<10
144510		10	23.4	980	<1	0.03	2050	<10	5	0.09	<5	7	10	<20	<0.01	<10
144511		10	25.8	985	<1	0.03	2190	<10	9	0.06	<5	6	7	<20	<0.01	<10
144512		10	25.0	1050	<1	0.02	2110	10	8	0.07	<5	6	9	<20	<0.01	<10
144513		10	25.0	995	<1	0.03	2150	10	11	0.06	<5	6	9	<20	<0.01	<10
144514		10	26.7	986	<1	0.02	2350	<10	5	0.06	<5	6	8	<20	<0.01	<10
144515		10	26.5	887	<1	0.02	2220	10	2	0.08	<5	6	4	<20	<0.01	<10
144516		10	25.0	969	<1	0.02	2030	<10	3	0.15	<5	7	13	<20	<0.01	<10
144517		10	25.6	974	<1	0.02	2140	<10	2	0.09	<5	8	8	<20	<0.01	<10
144518		10	25.9	915	<1	0.03	2220	<10	5	0.06	<5	7	10	<20	<0.01	<10
144519		10	23.8	987	<1	0.04	1915	340	<2	0.07	<5	9	57	<20	0.05	<10
144520		10	24.9	818	<1	0.03	1945	<10	3	0.07	<5	7	7	<20	<0.01	<10
144521		10	0.16	18	<1	0.01	13	30	<2	0.03	<5	<1	4	<20	0.02	<10
144522		10	25.7	879	<1	0.03	2120	10	3	0.07	<5	7	4	<20	<0.01	<10
144523		10	26.1	918	<1	0.03	2210	<10	6	0.07	<5	8	10	<20	<0.01	<10
144524		10	25.7	884	<1	0.02	2230	<10	3	0.07	<5	6	4	<20	<0.01	<10
144525		10	25.6	859	<1	0.03	2040	10	3	0.07	<5	8	4	<20	<0.01	<10
144526		10	24.8	917	<1	0.03	2220	10	3	0.08	<5	6	5	<20	<0.01	<10
144527		10	24.7	857	<1	0.01	2140	<10	4	0.12	<5	7	12	<20	<0.01	<10
144528		10	23.7	925	<1	<0.01	2020	10	2	0.15	<5	6	23	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11192270

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144497		<10	27	<10	91	<10
144498		<10	93	<10	440	40
144499		<10	23	<10	77	<10
144500		<10	22	<10	76	<10
144501		<10	4	<10	2	<10
144502		<10	20	<10	82	<10
144503		<10	21	<10	75	<10
144504		10	23	<10	76	<10
144505		<10	24	<10	75	<10
144506		<10	22	<10	75	<10
144507		<10	21	<10	82	<10
144508		<10	25	<10	94	<10
144509		10	39	<10	108	40
144510		<10	22	<10	63	<10
144511		<10	20	<10	63	<10
144512		<10	21	<10	71	<10
144513		<10	21	<10	67	<10
144514		<10	20	<10	67	<10
144515		10	20	<10	68	<10
144516		<10	22	<10	66	<10
144517		<10	26	<10	69	<10
144518		<10	24	<10	67	<10
144519		<10	35	<10	64	20
144520		10	22	<10	52	<10
144521		<10	3	<10	<2	<10
144522		10	24	10	57	<10
144523		<10	25	<10	56	<10
144524		10	21	<10	63	<10
144525		<10	22	<10	68	<10
144526		<10	19	<10	64	<10
144527		<10	21	<10	44	<10
144528		<10	21	10	59	<10

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Finalized Date: 7-NOV-2011
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CERTIFICATE VA11214179

Project: Record Ridge South Mg Explorat

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2011.

The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 7-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144612		2.96	<0.5	0.20	12	10	<0.5	3	0.61	<0.5	94	1635	3	5.21	<10	0.01
144613		5.20	<0.5	0.14	18	<10	<0.5	<2	0.26	<0.5	98	1455	3	5.35	<10	<0.01
144614		4.92	<0.5	0.09	30	<10	<0.5	2	0.19	<0.5	99	1405	3	5.26	<10	<0.01
144615		5.64	<0.5	0.10	28	<10	<0.5	<2	0.27	<0.5	104	1575	3	5.71	<10	<0.01
144616		4.58	<0.5	0.12	25	<10	<0.5	<2	0.23	<0.5	102	2220	1	5.58	<10	<0.01
144617		5.14	<0.5	0.11	34	<10	<0.5	2	0.30	<0.5	104	1575	1	5.39	<10	<0.01
144618		5.16	<0.5	0.12	42	<10	<0.5	<2	0.13	<0.5	100	1345	2	5.53	<10	<0.01
144619		4.84	<0.5	0.12	32	<10	<0.5	<2	0.20	<0.5	100	1190	2	5.24	<10	<0.01
144620		4.82	<0.5	0.14	31	<10	<0.5	3	0.11	<0.5	102	1435	2	5.42	<10	<0.01
144621		1.00	<0.5	0.24	<5	80	<0.5	<2	0.01	<0.5	2	40	2	0.21	<10	0.11
144622		5.20	<0.5	0.14	29	<10	<0.5	<2	0.09	<0.5	101	1380	2	5.38	<10	<0.01
144623		5.00	<0.5	0.13	21	<10	<0.5	2	0.12	<0.5	104	1310	2	5.35	<10	<0.01
144624		5.22	<0.5	0.13	18	<10	<0.5	4	0.21	<0.5	107	2410	1	5.66	<10	<0.01
144625		4.86	<0.5	0.13	19	<10	<0.5	3	0.70	<0.5	101	1240	2	5.41	<10	<0.01
144626		6.02	<0.5	0.17	8	<10	<0.5	2	1.05	<0.5	95	1090	7	4.96	<10	0.01
144627		3.70	1.3	6.41	11	1690	2.3	4	4.50	<0.5	39	417	89	5.69	10	2.84
144628		5.26	<0.5	1.01	13	20	<0.5	2	0.49	<0.5	96	1570	14	5.94	<10	0.10
144629		4.74	<0.5	0.17	15	10	<0.5	<2	0.20	<0.5	105	1510	2	5.49	<10	0.02
144630		4.96	<0.5	0.19	12	<10	<0.5	2	0.14	<0.5	102	1260	4	5.33	<10	<0.01
144631		4.94	<0.5	0.17	6	<10	<0.5	<2	0.36	<0.5	108	1390	2	6.02	<10	<0.01
144632		5.28	<0.5	0.16	8	<10	<0.5	3	0.85	<0.5	108	1300	4	5.52	<10	<0.01
144633		4.50	<0.5	0.14	10	<10	<0.5	<2	0.38	<0.5	114	1250	1	5.33	<10	<0.01
144634		4.46	<0.5	0.14	11	<10	<0.5	<2	1.27	<0.5	94	998	5	4.68	<10	<0.01
144635		5.42	<0.5	0.14	8	<10	<0.5	2	0.73	<0.5	100	1150	4	5.37	<10	<0.01
144636		4.90	<0.5	0.15	12	20	<0.5	3	0.74	<0.5	90	972	2	4.58	<10	<0.01
144637		5.62	<0.5	0.50	<5	10	<0.5	3	3.54	<0.5	81	1230	13	4.81	<10	<0.01
144638		4.56	<0.5	0.15	11	<10	<0.5	<2	2.66	<0.5	103	1750	5	5.55	<10	<0.01
144639		4.96	<0.5	0.15	5	10	<0.5	<2	3.16	<0.5	92	1410	4	5.15	<10	<0.01
144640		4.74	<0.5	0.16	11	<10	<0.5	2	1.81	<0.5	95	1260	6	5.08	<10	<0.01
144641		1.04	<0.5	0.60	<5	160	<0.5	<2	0.01	<0.5	2	22	1	0.19	<10	0.27
144642		3.46	<0.5	0.18	6	<10	<0.5	<2	3.03	<0.5	89	2050	5	5.19	<10	<0.01
144643		3.96	0.8	0.14	7	<10	<0.5	2	5.69	1.1	85	1100	14	4.79	<10	<0.01
144644		3.86	<0.5	0.15	13	<10	<0.5	2	2.35	<0.5	99	1230	3	5.54	<10	<0.01
144645		5.40	<0.5	0.17	12	10	<0.5	<2	1.56	<0.5	95	1100	1	5.40	<10	<0.01
144646		5.02	<0.5	0.16	17	<10	<0.5	<2	1.31	<0.5	99	1000	1	5.30	<10	<0.01
144647		5.56	<0.5	0.16	21	<10	<0.5	3	0.61	<0.5	111	1220	<1	5.95	<10	<0.01
144648		4.86	<0.5	0.18	17	<10	<0.5	2	0.34	<0.5	102	2660	<1	5.30	<10	<0.01
144649		5.00	<0.5	0.13	22	<10	<0.5	4	0.51	<0.5	103	1350	<1	5.60	<10	<0.01
144650		4.36	<0.5	0.14	28	<10	<0.5	2	0.69	<0.5	100	1610	2	5.26	<10	<0.01
144651		4.92	<0.5	0.15	17	<10	<0.5	<2	0.49	<0.5	97	1190	1	5.38	<10	<0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 7-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144612		10	22.1	876	<1	0.01	1900	10	2	0.06	<5	6	4	<20	<0.01	<10
144613		<10	23.1	831	<1	0.01	2020	10	<2	0.07	<5	6	4	<20	<0.01	<10
144614		<10	23.7	810	<1	<0.01	2070	10	<2	0.10	<5	4	15	<20	<0.01	<10
144615		<10	24.8	844	<1	<0.01	2130	10	2	0.10	<5	4	27	<20	<0.01	<10
144616		<10	23.9	811	<1	<0.01	1990	10	2	0.11	<5	4	18	<20	<0.01	<10
144617		<10	24.4	896	<1	<0.01	2010	10	<2	0.09	<5	5	58	<20	<0.01	<10
144618		<10	23.9	858	<1	0.01	2140	10	2	0.09	<5	5	13	<20	<0.01	<10
144619		<10	23.6	819	<1	0.01	2120	10	<2	0.09	<5	5	28	<20	<0.01	<10
144620		<10	24.4	892	1	0.01	2020	<10	<2	0.07	<5	5	10	<20	<0.01	<10
144621		10	0.21	18	<1	0.01	21	30	3	0.07	<5	<1	4	<20	0.01	<10
144622		10	24.4	780	<1	0.01	2050	<10	<2	0.07	<5	5	19	<20	<0.01	<10
144623		10	25.1	848	<1	0.01	2080	<10	3	0.09	<5	6	17	<20	<0.01	<10
144624		10	24.9	838	<1	0.01	2330	10	<2	0.11	<5	4	18	<20	<0.01	<10
144625		10	24.6	1040	<1	<0.01	2050	<10	<2	0.11	<5	5	64	<20	<0.01	<10
144626		10	23.1	863	<1	0.01	1955	20	<2	0.07	<5	5	42	<20	<0.01	<10
144627		50	8.87	1130	<1	1.58	502	2780	95	0.01	<5	15	1030	<20	0.52	<10
144628		10	22.6	862	<1	0.02	2040	90	<2	0.06	<5	8	21	<20	0.05	<10
144629		10	25.4	921	<1	0.01	2270	10	<2	0.11	<5	5	9	<20	<0.01	<10
144630		10	25.1	886	<1	0.01	2200	10	<2	0.08	<5	6	4	<20	<0.01	<10
144631		10	24.9	895	<1	<0.01	2250	10	2	0.11	<5	5	17	<20	<0.01	<10
144632		10	24.4	843	<1	0.01	2210	20	<2	0.07	<5	5	38	<20	<0.01	<10
144633		10	24.8	771	<1	0.01	2320	20	2	0.03	<5	5	12	<20	<0.01	<10
144634		10	24.5	879	<1	0.01	1925	30	3	0.02	<5	5	50	<20	<0.01	<10
144635		10	23.2	851	<1	<0.01	2130	20	<2	0.02	<5	5	29	<20	<0.01	<10
144636		10	23.3	808	<1	0.01	2020	10	<2	0.05	<5	5	15	<20	<0.01	<10
144637		<10	20.1	1255	<1	0.01	1695	30	23	0.46	<5	5	124	<20	0.01	<10
144638		10	22.0	935	<1	<0.01	2140	40	4	0.07	<5	6	72	<20	<0.01	<10
144639		10	22.9	975	<1	<0.01	1945	10	2	0.08	<5	5	85	<20	<0.01	<10
144640		10	23.0	843	<1	<0.01	1995	10	3	0.11	<5	5	27	<20	<0.01	<10
144641		10	0.08	13	2	0.01	6	30	<2	0.02	<5	1	6	<20	0.02	<10
144642		10	21.7	927	<1	<0.01	1890	<10	3	0.10	<5	5	88	<20	<0.01	<10
144643		<10	21.8	1110	<1	<0.01	1755	10	23	0.07	<5	4	276	<20	<0.01	<10
144644		10	22.8	890	<1	<0.01	2120	10	4	0.06	<5	5	51	<20	<0.01	<10
144645		10	24.3	816	<1	<0.01	2010	10	<2	0.07	<5	6	193	<20	<0.01	<10
144646		10	25.3	779	<1	0.01	2050	10	<2	0.10	<5	6	53	<20	<0.01	<10
144647		10	25.6	803	<1	<0.01	2300	<10	2	0.11	<5	6	27	<20	<0.01	<10
144648		10	24.8	797	<1	<0.01	2290	10	3	0.11	<5	4	38	<20	<0.01	<10
144649		10	26.0	812	<1	<0.01	2230	10	<2	0.11	<5	5	29	<20	<0.01	<10
144650		10	24.0	822	<1	<0.01	2120	<10	12	0.16	5	5	89	<20	<0.01	<10
144651		10	23.7	796	<1	0.01	2030	20	5	0.18	<5	5	52	<20	<0.01	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144612		<10	20	<10	50	<10
144613		<10	18	<10	43	<10
144614		<10	14	<10	41	<10
144615		<10	15	<10	46	<10
144616		<10	17	<10	48	<10
144617		<10	15	<10	46	<10
144618		<10	16	<10	43	<10
144619		<10	16	<10	44	<10
144620		<10	17	<10	45	<10
144621		<10	2	<10	3	10
144622		<10	20	<10	41	10
144623		<10	20	<10	46	10
144624		<10	20	<10	59	10
144625		<10	19	<10	52	10
144626		<10	20	<10	45	10
144627		<10	137	<10	152	50
144628		<10	45	<10	48	10
144629		<10	21	10	66	<10
144630		<10	24	10	48	<10
144631		<10	22	<10	47	<10
144632		<10	23	<10	50	<10
144633		<10	19	<10	45	<10
144634		<10	20	<10	42	<10
144635		<10	20	<10	44	<10
144636		<10	20	<10	50	<10
144637		<10	22	<10	138	10
144638		<10	22	<10	53	<10
144639		<10	17	<10	56	<10
144640		<10	20	<10	51	<10
144641		<10	4	<10	2	<10
144642		<10	18	<10	52	<10
144643		<10	15	<10	346	<10
144644		<10	17	<10	42	<10
144645		<10	18	<10	46	<10
144646		<10	17	<10	49	<10
144647		<10	19	<10	49	<10
144648		<10	20	<10	62	<10
144649		<10	19	10	45	<10
144650		<10	22	<10	67	<10
144651		<10	20	<10	57	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144652		5.26	<0.5	0.15	10	<10	<0.5	<2	0.40	<0.5	102	1310	1	5.30	<10	<0.01
144653		4.72	<0.5	0.63	10	<10	<0.5	<2	1.34	<0.5	97	2090	4	5.37	<10	0.01
144654		5.18	<0.5	0.14	8	<10	<0.5	<2	1.79	<0.5	98	1260	1	5.01	<10	<0.01
144655		4.60	<0.5	0.41	7	<10	<0.5	2	1.75	<0.5	90	1390	2	5.25	<10	<0.01
144656		5.22	<0.5	0.15	18	<10	<0.5	3	1.14	<0.5	96	1240	1	5.06	<10	<0.01
144657		4.78	<0.5	0.17	15	<10	<0.5	<2	1.28	<0.5	91	1220	22	5.04	<10	0.01
144658		5.30	<0.5	0.14	13	<10	<0.5	2	0.87	<0.5	103	1160	3	5.53	<10	0.01
144659		5.22	<0.5	0.11	18	<10	<0.5	<2	0.97	<0.5	103	1290	3	5.66	<10	<0.01
144660		4.98	<0.5	0.12	5	<10	<0.5	<2	1.83	<0.5	96	1440	3	5.25	<10	<0.01
144661		1.12	<0.5	0.51	<5	150	<0.5	<2	0.02	<0.5	4	36	3	0.49	<10	0.23
144662		4.14	<0.5	0.12	18	<10	<0.5	2	1.89	<0.5	98	1580	8	5.40	<10	0.01
144663		5.84	<0.5	0.12	15	<10	<0.5	<2	1.29	<0.5	105	2200	1	5.85	<10	0.01
144664		4.70	<0.5	0.68	18	<10	0.6	<2	1.37	<0.5	103	3980	2	5.93	<10	0.01
144665		4.88	<0.5	0.11	22	<10	0.7	<2	1.71	<0.5	96	1840	1	4.87	<10	<0.01
144666		3.14	<0.5	0.09	8	<10	0.6	<2	3.98	<0.5	90	1500	2	5.18	<10	0.01
144667		2.74	0.5	4.88	6	40	1.2	3	1.36	<0.5	46	926	14	7.12	10	0.07
144668		4.36	<0.5	0.23	9	10	<0.5	<2	4.86	<0.5	92	1340	3	4.92	<10	<0.01
144669		4.12	<0.5	0.22	11	<10	<0.5	<2	0.32	<0.5	107	1390	2	5.85	<10	<0.01
144670		5.16	<0.5	0.22	10	<10	<0.5	<2	0.25	<0.5	101	1370	2	5.46	<10	0.01
144671		4.78	<0.5	0.20	15	<10	<0.5	2	0.26	<0.5	101	1330	1	5.50	<10	0.01
144672		4.60	<0.5	0.22	12	<10	<0.5	<2	0.42	<0.5	101	1470	2	5.47	<10	0.02
144673		4.96	<0.5	1.42	14	110	<0.5	<2	1.79	<0.5	89	1340	2	5.40	<10	0.21
144674		4.76	<0.5	0.26	15	<10	<0.5	<2	0.74	<0.5	99	1390	1	5.51	<10	0.05
144675		5.30	<0.5	0.23	21	<10	<0.5	<2	1.21	<0.5	101	1570	3	5.62	<10	0.05
144676		4.92	<0.5	0.25	16	<10	<0.5	3	1.31	<0.5	97	1510	2	5.73	<10	0.02
144677		5.18	<0.5	0.21	16	<10	<0.5	<2	0.39	<0.5	100	1240	2	5.56	<10	0.02
144678		4.58	<0.5	0.22	34	<10	<0.5	2	0.07	<0.5	107	1280	1	5.77	<10	0.05
144679		5.00	<0.5	0.26	33	<10	<0.5	<2	0.07	<0.5	101	1180	2	5.45	<10	0.05
144680		4.36	<0.5	0.21	22	<10	<0.5	<2	0.04	<0.5	99	1200	3	5.44	<10	0.02
144681		1.02	<0.5	0.50	<5	100	<0.5	<2	0.01	<0.5	4	31	4	0.43	<10	0.23
144682		5.32	<0.5	0.18	27	<10	<0.5	3	0.15	<0.5	106	2070	1	5.95	<10	0.01
144683		5.04	<0.5	0.22	25	<10	<0.5	2	0.03	<0.5	103	1420	3	5.55	<10	0.02
144684		5.26	<0.5	0.18	20	<10	<0.5	<2	0.01	<0.5	104	1450	2	5.98	<10	0.01
144685		4.64	<0.5	0.19	15	<10	<0.5	<2	0.04	<0.5	105	965	11	5.90	<10	0.01
144686		5.18	<0.5	0.19	19	<10	<0.5	<2	0.02	<0.5	99	1510	1	5.61	<10	0.01
144687		5.18	<0.5	0.18	17	<10	<0.5	<2	0.02	<0.5	103	1350	2	5.59	<10	0.01
144688		5.30	<0.5	0.18	17	<10	<0.5	<2	0.03	<0.5	98	1170	4	5.55	<10	0.01
144689		5.42	<0.5	0.19	22	<10	<0.5	<2	0.02	<0.5	101	1390	1	5.72	<10	0.01
144690		5.12	<0.5	0.19	28	<10	<0.5	2	0.03	<0.5	100	1360	2	5.75	<10	0.03
144691		5.14	<0.5	0.23	41	<10	<0.5	<2	0.46	<0.5	98	1430	4	5.38	<10	0.03

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 7-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144652		10	25.4	872	<1	<0.01	2130	10	3	0.12	<5	5	19	<20	<0.01	<10
144653		10	23.6	873	<1	<0.01	1920	60	2	0.23	<5	5	72	<20	0.02	<10
144654		10	23.5	993	<1	<0.01	2060	10	<2	0.16	<5	4	129	<20	<0.01	<10
144655		10	21.5	1170	<1	0.01	1940	40	4	0.20	<5	5	68	<20	0.02	<10
144656		10	23.5	1015	<1	<0.01	1975	<10	<2	0.38	<5	5	49	<20	<0.01	<10
144657		10	23.4	1020	2	0.01	1905	10	13	0.28	<5	5	60	<20	<0.01	10
144658		10	25.1	1015	<1	0.01	2080	<10	<2	0.12	<5	5	22	<20	<0.01	10
144659		10	23.9	936	<1	<0.01	2070	<10	<2	0.13	<5	4	30	<20	<0.01	<10
144660		<10	22.9	950	<1	<0.01	1930	<10	<2	0.18	<5	5	53	<20	<0.01	<10
144661		10	0.25	36	<1	0.01	22	40	3	0.14	<5	1	5	<20	0.02	<10
144662		10	22.3	1250	2	0.01	1975	10	20	0.33	<5	4	61	<20	<0.01	10
144663		10	24.4	1025	1	<0.01	2140	<10	<2	0.32	<5	4	27	<20	<0.01	<10
144664		10	24.4	1415	1	<0.01	2090	10	<2	0.28	<5	3	35	<20	0.01	<10
144665		10	23.2	965	1	<0.01	1980	10	<2	0.35	5	3	65	<20	<0.01	<10
144666		<10	20.7	982	<1	0.01	1905	<10	5	0.33	9	3	176	<20	<0.01	<10
144667		10	17.30	4620	<1	0.02	998	540	31	0.09	<5	8	32	<20	0.16	<10
144668		<10	21.0	1115	<1	0.01	1880	20	3	0.12	<5	6	424	<20	<0.01	<10
144669		10	25.4	972	1	<0.01	2230	<10	3	0.09	<5	6	15	<20	<0.01	<10
144670		10	25.6	940	1	0.01	2070	<10	<2	0.09	<5	6	19	<20	<0.01	<10
144671		10	25.2	953	1	0.01	1970	<10	<2	0.09	<5	6	4	<20	<0.01	<10
144672		10	24.9	926	3	0.01	2180	<10	3	0.12	<5	6	4	<20	<0.01	<10
144673		10	22.0	957	3	0.04	1770	430	9	0.12	<5	7	171	<20	0.06	<10
144674		10	24.9	1045	1	0.01	2110	10	<2	0.12	<5	7	11	<20	<0.01	<10
144675		10	24.1	1075	1	0.02	2090	<10	10	0.10	<5	7	38	<20	<0.01	<10
144676		10	23.7	1020	<1	0.01	2010	10	<2	0.08	<5	6	55	<20	<0.01	<10
144677		10	25.6	942	<1	0.01	2070	10	3	0.09	<5	6	7	<20	<0.01	<10
144678		10	26.3	915	<1	0.01	2230	<10	<2	0.10	<5	6	4	<20	<0.01	10
144679		10	25.7	852	<1	0.03	2110	10	2	0.10	<5	7	26	<20	<0.01	<10
144680		10	25.1	772	<1	0.02	2050	20	<2	0.11	<5	7	1	<20	<0.01	<10
144681		10	0.16	26	<1	0.01	15	50	<2	0.18	<5	<1	4	<20	0.02	10
144682		10	26.0	871	<1	0.01	2170	<10	<2	0.09	<5	5	6	<20	<0.01	10
144683		10	25.7	783	<1	0.03	2110	<10	4	0.10	<5	6	1	<20	<0.01	<10
144684		10	25.5	778	<1	0.02	2070	<10	<2	0.08	<5	6	1	<20	<0.01	<10
144685		10	25.9	881	<1	0.01	2130	<10	<2	0.10	<5	6	1	<20	<0.01	<10
144686		10	25.2	844	<1	0.01	1950	<10	<2	0.08	<5	7	<1	<20	<0.01	<10
144687		10	25.3	861	<1	0.01	2040	<10	<2	0.10	<5	6	<1	<20	<0.01	10
144688		10	25.1	828	<1	0.01	2040	10	6	0.09	<5	6	<1	<20	<0.01	10
144689		10	25.0	848	<1	0.01	1970	<10	<2	0.10	<5	7	2	<20	<0.01	<10
144690		10	25.4	845	<1	0.01	2150	<10	<2	0.09	<5	6	<1	<20	<0.01	<10
144691		10	24.6	867	<1	0.01	2040	<10	<2	0.16	<5	6	17	<20	<0.01	<10

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Finalized Date: 7-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144652		<10	18	<10	57	<10
144653		<10	32	<10	72	10
144654		<10	16	<10	57	<10
144655		<10	23	<10	85	<10
144656		<10	18	<10	71	<10
144657		<10	20	<10	90	<10
144658		<10	17	<10	73	<10
144659		<10	17	<10	70	<10
144660		<10	18	<10	61	<10
144661		<10	4	<10	5	<10
144662		10	18	<10	101	<10
144663		<10	16	<10	104	<10
144664		<10	22	<10	142	10
144665		<10	13	10	78	<10
144666		10	14	<10	74	<10
144667		<10	83	<10	338	110
144668		<10	23	<10	86	<10
144669		<10	26	10	85	<10
144670		<10	24	10	84	<10
144671		<10	22	<10	75	<10
144672		10	24	10	83	<10
144673		<10	41	10	82	20
144674		<10	26	10	80	<10
144675		<10	27	10	87	<10
144676		<10	26	10	78	<10
144677		10	23	<10	72	<10
144678		<10	24	<10	61	<10
144679		<10	27	<10	51	<10
144680		<10	24	<10	43	<10
144681		<10	3	<10	<2	<10
144682		<10	25	<10	50	<10
144683		<10	25	<10	45	<10
144684		<10	26	<10	41	<10
144685		<10	23	<10	39	<10
144686		<10	26	<10	45	<10
144687		<10	23	10	43	<10
144688		<10	22	<10	48	<10
144689		<10	25	<10	47	<10
144690		<10	24	<10	56	<10
144691		<10	25	<10	63	<10

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CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144692		5.60	<0.5	0.21	28	<10	<0.5	<2	0.09	<0.5	104	1520	1	5.71	<10	0.05
144693		3.38	<0.5	3.40	13	640	1.0	<2	2.81	<0.5	73	1335	7	6.13	10	1.12
144694		5.66	<0.5	0.16	19	10	<0.5	2	0.17	<0.5	98	1545	<1	5.18	<10	0.01
144695		4.68	<0.5	3.74	12	810	1.0	2	2.77	<0.5	66	1045	12	5.68	10	1.26

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CERTIFICATE OF ANALYSIS VA11214179

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144692		10	25.3	899	<1	0.01	2170	10	4	0.10	<5	6	2	<20	<0.01	<10
144693		40	16.25	1515	5	0.68	1230	1720	35	0.09	5	13	549	<20	0.28	<10
144694		<10	22.9	797	2	0.01	2050	10	<2	0.09	<5	5	8	<20	<0.01	<10
144695		30	14.95	1570	<1	0.59	1130	1370	9	0.13	<5	12	564	<20	0.28	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11214179

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144692		<10	25	<10	61	<10
144693		<10	95	<10	122	20
144694		<10	18	<10	57	<10
144695		<10	89	<10	105	20

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Finalized Date: 3-NOV-2011
This copy reported on
4-NOV-2011
Account: WHYRES

CERTIFICATE VA11206294

Project: Record Ridge South Mg Explorat
P.O. No.:
This report is for 83 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
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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

ALS Canada Ltd.

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Finalized Date: 3-NOV-2011
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CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144529		3.52	<0.5	0.19	28	10	<0.5	2	0.29	<0.5	110	2060	5	5.71	<10	0.01
144530		3.98	<0.5	0.17	26	10	<0.5	<2	0.33	<0.5	101	1680	2	5.48	<10	<0.01
144531		5.22	<0.5	0.16	18	10	<0.5	<2	0.35	<0.5	102	2180	2	5.40	<10	<0.01
144532		5.32	<0.5	0.17	19	10	<0.5	<2	0.57	<0.5	103	1885	2	5.66	<10	<0.01
144533		5.16	<0.5	0.15	16	10	<0.5	<2	0.27	<0.5	104	2190	2	5.62	<10	<0.01
144534		5.12	<0.5	0.18	21	<10	<0.5	<2	0.96	<0.5	103	1855	3	5.43	<10	<0.01
144535		5.10	<0.5	0.19	11	<10	<0.5	<2	2.04	<0.5	88	1350	5	4.67	<10	<0.01
144536		5.22	<0.5	0.20	11	<10	<0.5	<2	2.41	<0.5	89	1775	4	5.01	<10	<0.01
144537		5.40	<0.5	0.17	11	10	<0.5	<2	2.60	<0.5	89	1430	11	4.66	<10	<0.01
144538		5.16	<0.5	2.83	8	30	<0.5	<2	2.92	<0.5	66	1105	15	5.04	<10	0.02
144539		4.92	<0.5	7.48	<5	530	0.6	3	0.70	<0.5	17	39	8	3.49	20	1.12
144540		4.84	<0.5	7.68	<5	590	0.7	<2	0.93	<0.5	13	37	9	3.48	20	1.40
144541		1.32	<0.5	0.51	<5	90	<0.5	<2	0.02	<0.5	3	23	2	0.35	<10	0.23
144542		5.94	<0.5	8.01	<5	560	0.8	2	1.27	<0.5	18	41	69	3.39	20	2.16
144543		4.96	0.6	7.83	7	470	0.7	<2	1.11	0.6	11	34	103	3.47	10	1.30
144544		5.18	0.8	8.14	<5	610	0.8	<2	1.57	3.7	13	34	74	3.72	10	1.22
144545		5.36	1.2	7.74	<5	630	0.8	3	1.68	3.7	13	34	83	3.61	10	1.63
144546		3.94	14.7	7.83	<5	640	0.8	2	1.82	13.9	19	116	211	4.63	10	2.74
144547		5.28	7.1	8.50	<5	330	0.9	4	2.55	7.6	20	44	455	6.39	20	1.34
144548		5.62	7.9	8.45	<5	410	0.7	2	2.17	2.9	20	10	494	6.05	20	2.11
144549		5.12	31.2	2.34	14	20	<0.5	<2	4.50	8.8	80	1615	280	5.39	<10	0.07
144550		5.08	2.7	0.21	20	10	<0.5	<2	6.19	<0.5	94	1730	18	5.25	<10	0.01
144551		7.14	6.1	0.15	28	<10	<0.5	<2	0.77	<0.5	102	2430	6	5.73	<10	0.01
144552		5.10	1.0	0.09	19	<10	<0.5	<2	0.20	<0.5	105	1375	9	5.93	<10	0.03
144553		4.94	<0.5	0.10	20	<10	<0.5	<2	0.06	<0.5	111	1580	3	5.75	<10	0.04
144554		5.44	<0.5	0.14	17	<10	<0.5	<2	0.09	<0.5	102	2140	2	5.48	<10	<0.01
144555		4.84	<0.5	0.17	17	<10	<0.5	<2	0.16	<0.5	100	1855	1	5.60	<10	<0.01
144556		4.92	<0.5	0.15	12	<10	<0.5	2	0.21	<0.5	108	1655	1	5.71	<10	<0.01
144557		6.58	<0.5	0.40	9	<10	<0.5	<2	0.89	<0.5	97	1355	1	5.21	<10	0.01
144558		5.00	0.6	8.60	<5	620	1.0	<2	1.75	0.7	21	63	26	4.83	20	2.71
144559		3.86	0.6	7.04	<5	300	<0.5	<2	3.40	<0.5	36	349	28	5.37	20	0.58
144560		4.70	<0.5	3.10	16	80	<0.5	3	0.97	<0.5	91	1760	14	5.69	10	0.08
144561		1.00	<0.5	0.63	<5	90	<0.5	2	0.02	<0.5	5	26	1	0.41	<10	0.26
144562		5.56	<0.5	0.13	<5	<10	<0.5	<2	1.36	<0.5	88	1320	1	4.78	<10	<0.01
144563		5.16	<0.5	0.15	13	10	<0.5	3	1.64	<0.5	86	1400	2	4.47	<10	0.01
144564		4.42	<0.5	0.14	12	<10	<0.5	3	0.81	<0.5	94	1560	<1	4.77	<10	<0.01
144565		4.72	<0.5	0.16	14	<10	<0.5	3	1.32	<0.5	96	1370	1	5.38	<10	0.01
144566		4.96	<0.5	0.13	10	<10	<0.5	3	1.53	<0.5	90	1630	1	5.05	<10	<0.01
144567		5.50	<0.5	0.19	19	<10	<0.5	2	0.44	<0.5	100	1430	1	5.42	<10	0.01
144568		5.04	<0.5	0.19	20	<10	<0.5	<2	0.35	<0.5	99	1290	5	5.21	<10	0.01

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PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 3-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144529		<10	22.8	882	1	0.01	2350	20	2	0.03	<5	5	25	<20	<0.01	<10
144530		<10	23.1	780	<1	0.01	2090	20	4	0.03	<5	5	30	<20	<0.01	<10
144531		<10	24.4	771	<1	0.01	2090	10	2	0.04	<5	4	62	<20	<0.01	<10
144532		<10	24.7	826	1	0.01	2090	10	2	0.05	6	5	103	<20	<0.01	<10
144533		<10	24.7	799	<1	0.01	2130	10	2	0.05	<5	5	75	<20	<0.01	<10
144534		<10	24.7	911	1	0.01	2240	20	5	0.05	<5	5	36	<20	<0.01	<10
144535		<10	22.4	900	<1	0.01	1830	10	<2	0.07	<5	5	48	<20	<0.01	<10
144536		<10	21.2	1070	<1	<0.01	1885	10	4	0.05	7	5	37	<20	<0.01	<10
144537		<10	20.6	1100	<1	<0.01	1865	30	4	0.04	6	5	29	<20	<0.01	<10
144538		10	17.25	1045	<1	0.02	1275	230	26	0.01	7	6	52	<20	0.08	<10
144539		10	3.09	724	<1	3.40	30	610	15	0.16	<5	9	254	<20	0.22	<10
144540		10	2.52	891	1	3.27	26	660	20	0.03	<5	10	251	<20	0.24	<10
144541		10	0.10	25	<1	0.02	9	40	2	0.10	<5	1	6	<20	0.02	<10
144542		10	2.26	932	<1	2.24	23	660	34	0.02	<5	9	231	<20	0.22	<10
144543		10	1.96	1445	<1	3.14	16	670	530	0.05	<5	9	286	<20	0.24	<10
144544		10	1.98	1780	<1	3.02	17	670	604	0.08	<5	10	376	<20	0.25	<10
144545		10	1.94	1810	<1	2.34	18	640	513	0.03	<5	9	377	<20	0.23	<10
144546		10	2.55	2930	1	0.72	141	650	597	0.04	5	15	318	<20	0.26	<10
144547		10	3.46	3270	1	1.34	22	930	446	0.49	<5	17	452	<20	0.40	<10
144548		10	4.68	2500	1	1.16	27	920	139	0.25	<5	16	337	<20	0.41	<10
144549		<10	17.35	1295	<1	0.03	1600	230	187	0.08	5	7	56	<20	0.10	<10
144550		<10	19.80	1245	<1	0.01	1935	10	11	0.11	5	4	126	<20	0.01	<10
144551		<10	23.1	853	1	0.01	2110	10	7	0.05	<5	4	13	<20	<0.01	<10
144552		10	25.7	879	<1	<0.01	2220	<10	5	0.09	<5	4	3	<20	<0.01	<10
144553		<10	26.1	899	<1	<0.01	2180	<10	<2	0.09	<5	4	7	<20	<0.01	<10
144554		<10	23.9	842	1	0.01	2110	10	6	0.08	<5	5	4	<20	<0.01	<10
144555		<10	24.3	851	<1	0.01	2130	<10	4	0.08	<5	5	3	<20	<0.01	<10
144556		<10	23.9	843	1	<0.01	2200	<10	2	0.08	<5	5	3	<20	<0.01	<10
144557		<10	22.8	1030	1	0.01	2090	30	6	0.08	<5	5	23	<20	0.01	<10
144558		10	4.29	1885	1	0.94	81	1220	105	0.27	<5	7	425	<20	0.27	<10
144559		10	8.89	1500	<1	1.60	426	950	74	0.10	<5	9	262	<20	0.30	<10
144560		10	19.50	1200	<1	0.06	1610	390	8	0.09	<5	7	79	<20	0.14	<10
144561		20	0.15	29	<1	0.01	13	40	<2	0.20	<5	1	5	<20	0.02	<10
144562		10	21.6	886	<1	0.01	1825	10	7	0.08	<5	4	25	<20	<0.01	<10
144563		10	20.8	744	<1	0.02	1810	<10	7	0.07	<5	4	24	<20	<0.01	<10
144564		10	22.1	809	<1	0.01	1995	<10	5	0.06	<5	4	15	<20	<0.01	<10
144565		10	21.3	849	<1	0.01	1860	20	2	0.05	<5	5	105	<20	<0.01	<10
144566		10	21.6	959	<1	0.01	1795	<10	37	0.11	<5	4	70	<20	<0.01	<10
144567		10	23.3	892	1	0.03	2030	<10	3	0.09	<5	5	26	<20	<0.01	<10
144568		10	23.5	886	2	0.03	2110	<10	3	0.13	<5	5	20	<20	<0.01	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn	Li
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	10
144529		<10	21	<10	58	<10
144530		<10	21	<10	52	<10
144531		<10	20	<10	60	<10
144532		<10	20	<10	70	<10
144533		<10	23	<10	94	<10
144534		<10	20	<10	123	<10
144535		<10	21	<10	125	<10
144536		<10	22	<10	128	<10
144537		<10	20	<10	114	<10
144538		<10	40	<10	133	20
144539		<10	86	<10	68	40
144540		<10	95	<10	85	40
144541		<10	3	<10	<2	<10
144542		<10	83	<10	91	40
144543		<10	85	<10	489	30
144544		<10	91	<10	883	30
144545		<10	83	<10	798	30
144546		<10	131	<10	2910	30
144547		<10	202	<10	1400	40
144548		<10	205	<10	566	50
144549		<10	61	<10	1180	20
144550		<10	17	<10	152	<10
144551		<10	18	<10	107	<10
144552		<10	14	<10	59	<10
144553		<10	14	<10	58	<10
144554		<10	20	<10	64	<10
144555		<10	20	<10	64	<10
144556		<10	18	<10	61	<10
144557		<10	19	<10	84	<10
144558		<10	100	<10	221	40
144559		<10	134	<10	150	40
144560		<10	80	<10	88	30
144561		<10	5	<10	6	<10
144562		<10	14	<10	63	<10
144563		<10	15	<10	50	<10
144564		<10	18	<10	63	<10
144565		<10	17	<10	67	<10
144566		<10	16	<10	89	<10
144567		<10	18	<10	74	<10
144568		<10	18	<10	68	<10

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CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144569		4.66	<0.5	0.15	22	<10	<0.5	3	0.53	<0.5	96	1690	4	5.40	<10	0.01
144570		5.10	<0.5	0.14	13	<10	<0.5	<2	1.66	<0.5	97	1320	3	5.26	<10	<0.01
144571		4.48	<0.5	0.16	5	<10	<0.5	2	0.40	<0.5	100	1370	1	5.29	<10	<0.01
144572		5.28	<0.5	0.12	8	<10	<0.5	3	0.52	<0.5	102	1660	1	5.94	<10	<0.01
144573		5.00	<0.5	0.13	14	<10	<0.5	<2	1.00	<0.5	105	1560	2	5.58	<10	0.01
144574		5.16	<0.5	0.13	11	<10	<0.5	<2	0.60	0.6	101	1570	3	5.38	<10	<0.01
144575		3.08	<0.5	0.16	9	<10	<0.5	3	0.48	<0.5	103	1760	5	5.45	<10	<0.01
144576		5.72	1.6	4.60	12	30	<0.5	<2	5.13	<0.5	60	760	39	5.61	10	0.21
144577		5.06	<0.5	0.14	8	<10	<0.5	<2	0.95	<0.5	95	2390	2	4.75	<10	0.01
144578		5.18	<0.5	0.15	23	<10	<0.5	3	0.12	<0.5	107	3200	<1	5.45	<10	0.02
144579		5.10	<0.5	0.13	20	<10	<0.5	2	0.07	<0.5	100	2550	<1	5.21	<10	0.03
144580		4.56	<0.5	0.12	18	<10	<0.5	3	0.07	<0.5	103	1290	<1	5.41	<10	0.03
144581		0.96	<0.5	0.57	<5	100	<0.5	3	0.01	<0.5	4	25	<1	0.30	<10	0.25
144582		4.96	<0.5	0.10	12	<10	<0.5	3	0.02	<0.5	105	1470	<1	5.55	<10	0.02
144583		4.20	<0.5	0.13	15	10	<0.5	<2	0.34	<0.5	101	3040	<1	5.15	<10	0.02
144584		5.30	<0.5	0.12	17	<10	<0.5	<2	0.20	<0.5	97	1440	<1	4.99	<10	0.02
144585		5.62	<0.5	0.12	24	<10	<0.5	3	0.14	<0.5	98	1310	<1	5.21	<10	0.02
144586		4.38	<0.5	0.12	17	<10	<0.5	2	0.02	<0.5	101	1800	<1	5.18	<10	0.01
144587		5.16	<0.5	0.14	16	<10	<0.5	3	0.01	<0.5	99	1810	<1	5.40	<10	<0.01
144588		5.36	<0.5	0.16	15	<10	<0.5	<2	0.02	<0.5	96	1240	<1	5.09	<10	0.01
144589		4.64	<0.5	0.10	19	<10	<0.5	4	0.18	<0.5	99	1300	<1	5.24	<10	0.01
144590		4.94	<0.5	0.11	15	<10	<0.5	5	0.07	<0.5	98	1580	<1	5.10	<10	0.02
144591		3.10	<0.5	0.13	12	<10	<0.5	2	0.45	<0.5	100	1660	<1	5.40	<10	0.06
144592		2.96	<0.5	6.75	<5	470	7.0	<2	0.45	<0.5	7	66	18	2.55	20	3.91
144593		5.06	<0.5	2.74	15	460	1.1	3	1.34	<0.5	81	1800	2	5.58	10	0.94
144594		4.96	<0.5	0.12	18	<10	<0.5	4	0.12	<0.5	112	1560	2	5.81	<10	0.01
144595		4.88	<0.5	0.12	11	<10	<0.5	2	0.06	<0.5	96	1260	1	5.24	<10	0.03
144596		4.92	<0.5	0.31	11	20	<0.5	3	0.12	<0.5	102	1500	1	6.25	<10	0.11
144597		4.68	<0.5	0.09	11	<10	<0.5	2	0.03	<0.5	96	1410	1	5.49	<10	0.01
144598		5.54	<0.5	0.10	11	<10	<0.5	2	0.03	<0.5	106	1770	2	5.57	<10	<0.01
144599		5.04	<0.5	0.10	14	<10	<0.5	4	0.02	<0.5	102	1570	2	4.86	<10	<0.01
144600		4.48	<0.5	0.10	8	<10	<0.5	3	0.29	<0.5	100	1700	2	5.38	<10	<0.01
144601		1.14	<0.5	0.38	<5	90	<0.5	<2	0.01	<0.5	2	27	1	0.31	<10	0.18
144602		4.68	<0.5	0.14	12	<10	<0.5	3	0.05	<0.5	102	1620	2	5.23	<10	<0.01
144603		4.68	<0.5	0.12	20	<10	<0.5	3	0.04	<0.5	105	2010	2	5.41	<10	0.01
144604		4.90	<0.5	0.10	16	<10	<0.5	6	0.05	<0.5	110	1510	2	5.49	<10	0.01
144605		4.66	<0.5	0.13	33	<10	<0.5	4	0.66	<0.5	104	2620	1	5.06	<10	0.01
144606		5.30	<0.5	2.09	16	30	<0.5	2	2.58	<0.5	82	1590	3	6.62	10	0.02
144607		5.48	<0.5	0.13	18	10	<0.5	5	0.16	<0.5	106	1860	2	5.57	<10	0.02
144608		4.14	<0.5	0.14	45	10	<0.5	2	0.16	<0.5	110	2140	<1	5.84	<10	0.03

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CERTIFICATE OF ANALYSIS VA11206294

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144569		10	22.6	977	<1	0.02	1955	<10	4	0.13	<5	6	38	<20	<0.01	<10
144570		10	21.9	883	<1	0.01	1910	30	6	0.05	<5	5	86	<20	<0.01	<10
144571		10	23.3	921	<1	<0.01	2150	<10	4	0.06	<5	6	16	<20	<0.01	<10
144572		10	23.0	905	<1	<0.01	2150	10	3	0.08	<5	5	84	<20	<0.01	<10
144573		10	23.6	955	<1	0.02	2160	<10	4	0.09	<5	5	11	<20	<0.01	<10
144574		10	22.8	950	<1	0.01	2030	<10	10	0.10	<5	5	5	<20	<0.01	<10
144575		10	23.2	911	<1	<0.01	2010	<10	15	0.14	<5	6	4	<20	<0.01	<10
144576		10	13.90	857	<1	0.25	1050	500	26	0.02	<5	21	348	<20	0.26	<10
144577		10	22.7	882	<1	0.01	1980	<10	5	0.06	<5	3	9	<20	<0.01	<10
144578		10	24.6	1000	<1	<0.01	2160	10	3	0.09	<5	4	4	<20	<0.01	<10
144579		10	24.1	957	<1	<0.01	2080	<10	<2	0.10	<5	4	3	<20	<0.01	<10
144580		10	24.4	898	<1	0.01	2080	<10	2	0.07	<5	5	2	<20	<0.01	<10
144581		10	0.15	12	<1	0.01	11	40	<2	0.17	<5	1	4	<20	0.02	<10
144582		10	24.1	885	<1	<0.01	2050	<10	<2	0.09	<5	4	1	<20	<0.01	<10
144583		10	23.9	930	<1	<0.01	2020	<10	<2	0.13	<5	4	11	<20	<0.01	<10
144584		10	23.6	874	<1	0.01	1985	<10	<2	0.10	<5	5	4	<20	<0.01	<10
144585		10	23.5	773	<1	0.01	1920	<10	2	0.09	<5	5	4	<20	<0.01	<10
144586		10	24.0	814	<1	<0.01	2130	<10	5	0.07	<5	4	1	<20	<0.01	<10
144587		10	23.9	818	<1	<0.01	2030	<10	<2	0.05	<5	5	<1	<20	<0.01	<10
144588		10	23.6	790	<1	<0.01	1955	<10	2	0.05	<5	5	1	<20	<0.01	<10
144589		10	23.6	848	<1	<0.01	1955	<10	8	0.07	<5	4	5	<20	<0.01	<10
144590		<10	23.4	781	<1	<0.01	1975	<10	<2	0.08	<5	4	4	<20	<0.01	<10
144591		10	23.1	953	<1	<0.01	2030	<10	<2	0.14	<5	4	32	<20	<0.01	<10
144592		90	1.95	819	2	2.18	54	490	27	0.12	<5	3	223	50	0.15	<10
144593		20	18.10	1335	<1	0.38	1535	850	5	0.11	<5	7	243	<20	0.11	<10
144594		10	25.5	782	<1	0.01	2200	<10	2	0.11	<5	4	3	<20	<0.01	<10
144595		10	23.1	760	<1	0.01	1925	<10	<2	0.08	<5	5	1	<20	<0.01	<10
144596		10	23.3	867	<1	0.04	2030	10	<2	0.10	<5	5	8	<20	<0.01	<10
144597		10	22.3	753	<1	<0.01	1880	10	<2	0.07	<5	3	1	<20	<0.01	<10
144598		10	24.7	818	<1	<0.01	2080	<10	<2	0.08	<5	4	1	<20	<0.01	<10
144599		10	24.9	767	<1	<0.01	2250	<10	<2	0.07	<5	4	1	<20	<0.01	<10
144600		10	23.6	765	<1	<0.01	1990	<10	4	0.10	<5	5	6	<20	<0.01	<10
144601		10	0.21	24	<1	0.01	20	30	<2	0.06	<5	<1	4	<20	0.02	<10
144602		10	24.3	759	<1	<0.01	2080	10	3	0.08	<5	6	3	<20	<0.01	<10
144603		10	24.4	785	<1	<0.01	2160	<10	2	0.09	<5	5	8	<20	<0.01	<10
144604		10	25.8	806	<1	<0.01	2400	<10	3	0.11	<5	5	2	<20	<0.01	<10
144605		10	23.9	904	<1	<0.01	2140	10	2	0.20	<5	4	107	<20	<0.01	<10
144606		40	19.65	2610	<1	0.01	1620	430	9	0.31	<5	6	399	<20	0.12	<10
144607		10	24.3	929	<1	0.01	2180	10	12	0.16	<5	5	8	<20	<0.01	<10
144608		10	25.4	975	<1	<0.01	2050	<10	4	0.12	<5	4	11	<20	<0.01	<10

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Finalized Date: 3-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144569		<10	18	<10	82	<10
144570		<10	23	<10	72	<10
144571		<10	18	<10	62	<10
144572		<10	16	<10	55	<10
144573		<10	15	<10	58	<10
144574		<10	17	<10	71	<10
144575		<10	19	10	73	<10
144576		<10	143	<10	52	30
144577		<10	17	<10	62	<10
144578		<10	17	<10	82	<10
144579		<10	15	<10	79	<10
144580		<10	14	<10	56	<10
144581		<10	3	<10	<2	<10
144582		<10	15	<10	56	<10
144583		<10	18	<10	81	<10
144584		<10	15	<10	57	<10
144585		<10	14	<10	45	<10
144586		<10	15	<10	45	<10
144587		<10	16	<10	43	<10
144588		<10	17	<10	38	<10
144589		<10	12	<10	40	<10
144590		<10	14	<10	41	<10
144591		<10	15	<10	56	<10
144592		<10	20	<10	95	20
144593		<10	53	<10	75	10
144594		<10	15	<10	36	<10
144595		<10	14	<10	31	<10
144596		<10	14	<10	39	<10
144597		<10	13	<10	32	<10
144598		<10	14	<10	36	<10
144599		<10	12	<10	35	<10
144600		<10	12	<10	35	<10
144601		<10	3	10	<2	<10
144602		<10	17	<10	37	<10
144603		<10	14	<10	40	<10
144604		<10	12	<10	40	<10
144605		<10	14	<10	71	<10
144606		<10	33	<10	168	30
144607		<10	16	10	93	<10
144608		<10	14	<10	102	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144609		2.90	<0.5	0.10	24	<10	<0.5	3	0.10	<0.5	112	1640	<1	5.81	<10	0.01
144610		5.24	<0.5	0.15	19	10	<0.5	4	0.31	<0.5	109	1770	1	5.66	<10	<0.01
144611		4.62	<0.5	0.11	7	<10	<0.5	4	1.02	<0.5	103	1710	1	5.59	<10	<0.01

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description / Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144609	10	26.2	894	<1	<0.01	2380	10	5	0.15	<5	4	7	<20	<0.01	<10
144610	10	25.9	853	<1	0.01	2180	20	<2	0.05	<5	5	85	<20	<0.01	<10
144611	10	22.9	943	<1	0.01	2130	<10	3	0.10	<5	5	7	<20	<0.01	<10

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Project: Record Ridge South Mg Explorat

CERTIFICATE OF ANALYSIS VA11206294

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
144609		<10	12	<10	84	<10
144610		<10	20	<10	94	<10
144611		<10	17	<10	60	<10

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CERTIFICATE VA11206125

Project: Record Ridge South Mg Expl.
P.O. No.:
This report is for 83 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11206125

Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
Sample Description / LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144696	3.60	<0.5	0.24	14	10	<0.5	<2	0.22	<0.5	97	1630	7	5.59	<10	0.01
144697	5.38	<0.5	0.17	17	<10	<0.5	3	0.29	<0.5	98	1480	10	5.29	<10	0.01
144698	4.90	<0.5	0.16	19	<10	<0.5	2	0.40	<0.5	101	2090	12	5.41	<10	<0.01
144699	5.20	<0.5	0.18	15	<10	<0.5	3	1.09	<0.5	96	1650	12	5.30	<10	<0.01
144700	5.56	<0.5	1.28	15	20	<0.5	<2	1.70	<0.5	90	1610	32	5.27	<10	0.02
144701	0.92	<0.5	0.52	<5	160	<0.5	<2	0.02	<0.5	4	40	3	0.36	<10	0.24
144702	4.46	<0.5	2.09	20	30	<0.5	4	0.40	<0.5	95	1630	79	6.04	<10	0.03
144703	4.68	<0.5	0.16	13	20	<0.5	2	1.06	<0.5	97	1420	10	5.31	<10	<0.01
144704	5.08	<0.5	0.17	18	<10	<0.5	2	0.90	<0.5	95	1370	9	5.26	<10	<0.01
144705	5.32	<0.5	0.16	16	<10	<0.5	3	0.36	<0.5	100	1800	6	5.40	<10	<0.01
144706	4.86	<0.5	0.18	18	<10	<0.5	4	0.31	<0.5	96	1590	1	5.26	<10	<0.01
144707	4.34	<0.5	0.14	18	10	<0.5	<2	1.38	<0.5	90	1660	2	5.15	<10	<0.01
144708	4.80	<0.5	0.44	23	10	<0.5	3	1.56	<0.5	99	9470	1	5.22	<10	<0.01
144709	5.12	<0.5	0.21	36	<10	<0.5	4	0.34	<0.5	92	2390	1	4.94	<10	<0.01
144710	4.88	<0.5	0.16	14	<10	<0.5	<2	0.14	<0.5	98	1320	4	5.26	<10	<0.01
144711	4.86	<0.5	0.16	20	<10	<0.5	4	0.20	<0.5	97	1500	10	5.40	<10	<0.01
144712	5.46	<0.5	0.15	16	10	<0.5	2	0.70	<0.5	96	1610	6	5.19	<10	<0.01
144713	4.74	<0.5	0.13	15	10	<0.5	5	0.58	<0.5	98	1510	4	5.18	<10	<0.01
144714	4.54	<0.5	0.13	21	<10	<0.5	2	0.74	<0.5	101	1460	1	5.39	<10	<0.01
144715	5.86	<0.5	0.15	18	<10	<0.5	3	0.51	<0.5	111	1560	1	6.03	<10	<0.01
144716	4.66	<0.5	0.16	23	<10	<0.5	2	0.42	<0.5	102	1390	<1	5.59	<10	<0.01
144717	4.66	<0.5	0.15	25	<10	<0.5	4	0.48	<0.5	101	1900	1	5.30	<10	<0.01
144718	5.10	<0.5	0.20	18	<10	<0.5	4	0.19	<0.5	107	2860	<1	5.61	<10	<0.01
144719	5.08	<0.5	0.15	21	<10	<0.5	4	0.37	<0.5	102	1760	1	5.35	<10	<0.01
144720	5.54	<0.5	0.15	18	<10	<0.5	<2	0.24	<0.5	98	1280	2	5.25	<10	<0.01
144721	1.48	<0.5	0.35	<5	130	<0.5	<2	<0.01	<0.5	1	21	2	0.26	<10	0.16
144722	4.74	<0.5	0.14	17	<10	<0.5	3	0.27	<0.5	97	1390	2	5.33	<10	<0.01
144723	5.16	<0.5	0.14	23	<10	<0.5	2	0.45	<0.5	103	1510	5	5.47	<10	<0.01
144724	4.60	<0.5	0.13	21	<10	<0.5	<2	0.35	<0.5	101	1440	5	5.76	<10	<0.01
144725	5.00	<0.5	0.17	22	<10	<0.5	<2	0.45	<0.5	97	1390	6	5.49	<10	<0.01
144726	4.74	<0.5	0.13	23	<10	<0.5	<2	0.18	<0.5	99	1520	5	5.64	<10	<0.01
144727	4.64	<0.5	0.11	27	40	<0.5	<2	0.51	<0.5	99	1290	23	5.60	<10	<0.01
144728	4.86	<0.5	0.14	20	30	<0.5	<2	0.78	<0.5	93	1550	8	5.46	<10	<0.01
144729	4.92	<0.5	0.16	10	20	<0.5	<2	1.45	<0.5	95	1420	9	5.56	<10	<0.01
144730	5.46	<0.5	0.16	9	<10	<0.5	<2	1.85	<0.5	96	1520	12	5.57	<10	<0.01
144731	4.88	<0.5	0.15	9	<10	<0.5	<2	1.72	<0.5	95	1340	4	5.60	<10	<0.01
144732	6.54	<0.5	0.21	17	<10	<0.5	<2	2.81	<0.5	91	1630	13	5.37	<10	<0.01
144733	4.66	<0.5	8.24	<5	620	2.0	<2	0.30	<0.5	19	117	2	5.98	20	2.32
144734	4.14	<0.5	8.25	<5	590	1.8	<2	0.32	<0.5	16	37	32	5.43	20	1.95
144735	1.62	<0.5	9.23	<5	240	1.3	<2	0.46	<0.5	32	40	11	12.30	20	1.00

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CALGARY AB T3G 3N8

Finalized Date: 25-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144696		10	22.8	838	<1	0.01	2060	20	<2	0.04	<5	7	5	<20	<0.01	<10
144697		10	23.6	809	<1	0.01	1935	10	<2	0.06	<5	6	26	<20	<0.01	<10
144698		10	23.4	897	<1	<0.01	1915	10	<2	0.05	<5	5	12	<20	<0.01	<10
144699		10	22.2	789	<1	<0.01	1910	10	<2	0.03	<5	7	24	<20	<0.01	<10
144700		10	19.25	942	<1	0.02	1850	100	10	0.06	<5	9	66	<20	0.05	<10
144701		10	0.39	32	<1	0.01	35	30	<2	0.07	<5	1	5	<20	0.02	<10
144702		10	20.4	1145	<1	0.02	1730	170	16	0.03	<5	12	72	<20	0.11	<10
144703		10	21.9	712	<1	0.01	1950	10	<2	0.05	<5	5	77	<20	<0.01	<10
144704		10	23.1	839	<1	0.01	1895	10	<2	0.08	<5	6	59	<20	<0.01	<10
144705		10	22.7	819	<1	0.01	2050	10	<2	0.08	<5	5	34	<20	<0.01	<10
144706		10	22.6	800	<1	0.02	1880	10	2	0.07	<5	6	16	<20	<0.01	<10
144707		10	20.9	1030	<1	0.01	1840	30	4	0.05	5	5	107	<20	<0.01	<10
144708		10	20.3	1380	<1	<0.01	1785	20	<2	0.04	<5	4	152	<20	0.01	10
144709		10	23.3	941	<1	<0.01	2030	10	<2	0.10	<5	4	24	<20	<0.01	<10
144710		10	23.5	753	<1	0.01	2020	10	<2	0.12	<5	6	4	<20	<0.01	<10
144711		10	24.0	827	<1	<0.01	2010	10	<2	0.14	<5	6	8	<20	<0.01	<10
144712		10	23.6	871	<1	<0.01	1940	10	<2	0.15	<5	5	12	<20	<0.01	<10
144713		10	23.3	775	<1	<0.01	1955	10	<2	0.18	<5	4	14	<20	<0.01	<10
144714		10	23.3	827	<1	<0.01	2040	<10	2	0.16	<5	5	22	<20	<0.01	<10
144715		10	23.4	907	<1	0.01	2200	10	<2	0.13	<5	6	15	<20	<0.01	<10
144716		10	23.7	799	<1	0.01	2130	<10	2	0.11	<5	6	14	<20	<0.01	<10
144717		10	24.0	917	<1	<0.01	2080	10	<2	0.13	<5	4	30	<20	<0.01	<10
144718		10	24.7	937	<1	<0.01	2090	10	<2	0.12	<5	4	13	<20	<0.01	<10
144719		10	23.7	859	<1	<0.01	2080	10	<2	0.11	<5	5	12	<20	<0.01	<10
144720		10	23.8	739	<1	0.01	1860	10	<2	0.09	<5	6	8	<20	<0.01	<10
144721		10	0.04	17	<1	0.01	3	20	<2	0.08	<5	<1	4	<20	0.02	<10
144722		10	24.0	877	<1	<0.01	1985	10	<2	0.12	<5	4	9	<20	<0.01	<10
144723		10	23.9	861	<1	<0.01	2100	10	2	0.11	<5	5	12	<20	<0.01	<10
144724		10	23.9	849	<1	<0.01	2140	10	<2	0.11	<5	4	13	<20	<0.01	<10
144725		10	24.3	760	<1	0.01	1950	<10	<2	0.11	<5	6	20	<20	<0.01	<10
144726		10	24.4	806	<1	<0.01	2080	<10	<2	0.11	<5	5	18	<20	<0.01	<10
144727		10	23.9	747	<1	<0.01	2080	10	<2	0.08	<5	4	14	<20	<0.01	<10
144728		10	23.6	831	<1	<0.01	1910	10	<2	0.08	<5	5	32	<20	<0.01	<10
144729		<10	23.3	840	<1	0.01	1960	10	2	0.07	<5	5	45	<20	<0.01	<10
144730		10	23.2	890	<1	<0.01	1975	10	<2	0.09	<5	5	15	<20	<0.01	<10
144731		<10	22.5	879	<1	<0.01	1975	10	<2	0.10	<5	6	9	<20	<0.01	<10
144732		<10	21.0	1035	<1	0.02	1865	10	<2	0.09	<5	6	69	<20	<0.01	<10
144733		<10	5.02	3220	<1	0.88	143	740	3	<0.01	<5	7	96	<20	0.23	<10
144734		10	3.91	2650	<1	1.40	37	670	11	0.07	<5	9	152	<20	0.23	<10
144735		<10	8.22	7850	<1	0.13	168	1250	4	0.03	<5	12	26	<20	0.38	<10

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Finalized Date: 25-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144696		<10	24	<10	44	<10	
144697		<10	19	<10	44	<10	
144698		<10	21	<10	44	<10	
144699		<10	21	<10	44	<10	
144700		<10	52	<10	70	10	
144701		<10	4	<10	2	<10	
144702		<10	80	<10	84	10	
144703		<10	20	<10	39	<10	
144704		<10	20	<10	42	<10	
144705		<10	20	<10	46	<10	
144706		<10	20	<10	45	<10	
144707		<10	18	<10	69	10	
144708		<10	37	<10	169	<10	
144709		<10	20	<10	57	<10	
144710		<10	20	<10	39	<10	
144711		<10	19	<10	41	<10	
144712		<10	19	<10	41	<10	
144713		<10	17	<10	41	<10	
144714		<10	18	<10	41	<10	
144715		<10	18	<10	44	<10	
144716		<10	19	<10	43	<10	
144717		<10	19	<10	51	<10	
144718		<10	21	<10	67	<10	
144719		<10	18	<10	47	<10	
144720		<10	18	<10	40	<10	
144721		<10	3	<10	<2	<10	
144722		<10	17	<10	44	<10	
144723		<10	19	<10	46	<10	
144724		<10	17	<10	46	<10	
144725		<10	19	<10	44	<10	
144726		<10	18	<10	49	<10	
144727		<10	16	<10	50	<10	
144728		<10	18	<10	67	<10	
144729		<10	20	<10	81	10	
144730		<10	19	<10	73	<10	
144731		<10	18	<10	71	<10	
144732		<10	20	<10	90	<10	
144733		10	106	10	207	60	
144734		10	102	<10	156	50	0.001
144735		<10	178	10	453	110	

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Finalized Date: 25-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11206125

Sample Description	WEI-21	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
Method / Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144736	4.58	<0.5	9.74	<5	380	1.1	<2	2.40	<0.5	28	26	29	9.58	20	1.46
144737	6.50	<0.5	9.49	<5	570	1.1	<2	2.66	<0.5	37	44	9	10.65	20	1.52
144738	7.86	<0.5	8.81	<5	530	1.4	<2	1.80	<0.5	35	50	5	11.30	20	0.98
144739	4.54	0.6	6.38	<5	120	0.9	<2	2.81	2.2	46	607	8	8.01	20	0.21
144740	4.60	0.8	1.14	12	10	<0.5	<2	2.75	<0.5	87	1680	12	5.72	<10	0.05
144741	0.82	<0.5	0.44	<5	90	<0.5	<2	0.05	<0.5	2	31	2	0.45	<10	0.15
144742	4.46	<0.5	0.24	8	<10	<0.5	<2	0.45	<0.5	94	1430	4	5.22	<10	0.01
144743	5.60	<0.5	0.49	10	20	<0.5	<2	0.32	<0.5	99	1460	5	5.52	<10	0.05
144744	4.36	<0.5	0.18	14	<10	<0.5	<2	0.02	<0.5	97	970	2	5.82	<10	<0.01
144745	5.20	<0.5	0.20	27	<10	<0.5	<2	0.05	<0.5	98	1540	8	5.50	<10	0.01
144746	5.12	<0.5	0.16	20	<10	<0.5	<2	0.09	<0.5	96	1400	19	5.18	<10	0.01
144747	4.76	<0.5	0.16	18	<10	<0.5	<2	0.09	<0.5	96	1170	13	5.10	<10	0.02
144748	5.54	<0.5	0.20	13	<10	<0.5	<2	0.09	<0.5	97	1470	7	5.77	<10	0.03
144749	5.26	7.9	0.18	17	<10	<0.5	16	0.23	10.5	95	1370	152	5.40	<10	0.02
144750	5.14	<0.5	0.21	18	<10	<0.5	<2	0.20	<0.5	94	1590	8	5.44	<10	0.03
144751	5.28	<0.5	0.21	18	<10	<0.5	<2	0.20	<0.5	93	1310	5	5.10	<10	0.03
144752	4.98	<0.5	0.20	17	<10	<0.5	<2	0.36	<0.5	90	1260	4	5.04	<10	0.03
144753	5.18	<0.5	0.19	13	<10	<0.5	<2	0.44	<0.5	99	2050	4	5.03	<10	0.02
144754	5.26	<0.5	0.20	13	<10	<0.5	<2	0.10	<0.5	98	2460	2	5.36	<10	0.01
144755	5.40	<0.5	0.17	13	<10	<0.5	<2	0.11	<0.5	104	1990	2	5.21	<10	<0.01
144756	5.26	<0.5	0.17	16	<10	<0.5	<2	0.13	<0.5	99	1450	1	5.32	<10	<0.01
144757	4.44	<0.5	0.14	18	<10	<0.5	2	0.34	<0.5	93	1010	12	5.74	<10	0.01
144758	5.04	<0.5	0.16	11	<10	<0.5	<2	0.24	<0.5	97	1780	3	5.55	<10	0.01
144759	5.24	<0.5	0.12	11	<10	<0.5	<2	0.05	<0.5	100	1300	3	5.41	<10	0.01
144760	4.80	<0.5	0.13	9	<10	<0.5	<2	0.06	<0.5	105	1870	8	5.59	<10	0.02
144761	0.80	<0.5	0.62	<5	150	<0.5	<2	0.01	<0.5	3	62	3	0.42	<10	0.29
144762	5.18	<0.5	0.15	13	<10	<0.5	<2	0.18	<0.5	101	1760	3	5.50	<10	0.02
144763	4.66	<0.5	0.12	12	<10	<0.5	<2	0.29	<0.5	102	1250	10	5.40	<10	0.01
144764	1.84	<0.5	0.13	19	<10	<0.5	<2	0.02	<0.5	100	1780	6	5.44	<10	0.02
144765	4.02	1.1	8.60	<5	120	<0.5	<2	0.60	<0.5	24	88	105	6.06	20	1.11
144766	4.16	<0.5	0.24	11	<10	<0.5	<2	0.75	<0.5	101	1990	21	5.46	<10	0.01
144767	4.30	<0.5	0.19	9	<10	<0.5	<2	0.08	<0.5	101	1490	17	5.51	<10	0.01
144768	5.14	<0.5	0.15	10	<10	<0.5	<2	0.01	<0.5	106	1540	3	5.74	<10	<0.01
144769	5.32	<0.5	0.15	13	<10	<0.5	<2	0.02	<0.5	105	1990	2	5.91	<10	<0.01
144770	5.60	<0.5	0.14	14	<10	<0.5	<2	0.08	<0.5	107	1760	2	5.94	<10	<0.01
144771	4.70	<0.5	0.13	13	10	<0.5	<2	0.07	<0.5	100	1730	2	5.63	<10	<0.01
144772	5.54	<0.5	0.13	12	<10	<0.5	2	0.07	<0.5	104	1410	2	5.70	<10	<0.01
144773	5.08	<0.5	0.14	12	<10	<0.5	<2	0.04	<0.5	111	1650	1	6.11	<10	<0.01
144774	5.20	<0.5	0.11	13	<10	<0.5	<2	0.03	<0.5	111	1570	5	6.08	<10	<0.01
144775	5.12	<0.5	0.10	11	<10	<0.5	<2	0.04	<0.5	108	1940	2	5.89	<10	<0.01

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Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144736		10	5.33	5360	<1	1.10	40	920	16	0.08	<5	28	252	<20	0.47	<10
144737		<10	5.73	6590	<1	0.86	59	800	17	0.32	6	31	268	<20	0.48	<10
144738		10	5.87	8030	<1	0.66	61	920	15	0.30	5	23	329	<20	0.47	<10
144739		10	12.55	4530	<1	0.19	634	630	21	0.12	5	14	105	<20	0.30	<10
144740		<10	19.95	1355	<1	0.02	1835	120	6	0.17	<5	6	65	<20	0.03	<10
144741		10	0.25	121	<1	0.01	17	40	<2	0.08	<5	1	5	<20	0.02	<10
144742		10	23.7	933	<1	0.01	1955	10	3	0.14	<5	6	5	<20	<0.01	<10
144743		10	24.2	1145	<1	0.05	1935	20	4	0.18	<5	6	12	<20	0.02	<10
144744		10	23.4	923	<1	0.02	2100	10	<2	0.12	<5	6	1	<20	<0.01	<10
144745		10	24.9	899	<1	0.02	2140	<10	<2	0.10	<5	6	2	<20	<0.01	<10
144746		10	25.1	891	<1	0.02	2100	<10	2	0.11	<5	4	2	<20	<0.01	<10
144747		10	25.0	903	<1	0.02	2170	<10	3	0.09	<5	5	3	<20	<0.01	<10
144748		10	25.0	922	<1	0.03	2070	<10	5	0.11	<5	6	3	<20	<0.01	<10
144749		10	23.6	1145	<1	0.02	2030	<10	1370	0.51	<5	5	11	<20	<0.01	<10
144750		10	24.7	1045	<1	0.02	2120	<10	12	0.12	<5	6	8	<20	<0.01	<10
144751		10	24.5	976	<1	0.03	2060	<10	14	0.10	<5	5	8	<20	<0.01	<10
144752		10	23.6	1015	<1	0.03	2010	<10	7	0.13	<5	5	9	<20	<0.01	<10
144753		10	24.4	963	<1	0.02	2090	10	3	0.15	<5	5	8	<20	<0.01	<10
144754		10	24.9	920	<1	0.01	2050	<10	6	0.11	<5	5	6	<20	<0.01	<10
144755		10	25.2	921	<1	0.01	2320	<10	7	0.10	<5	4	6	<20	<0.01	<10
144756		10	25.1	914	<1	0.01	2120	<10	2	0.08	<5	4	6	<20	<0.01	<10
144757		<10	23.5	939	<1	0.02	2050	<10	15	0.16	5	5	13	<20	<0.01	<10
144758		10	24.0	1035	<1	0.01	2080	<10	2	0.16	<5	5	10	<20	<0.01	<10
144759		10	25.1	851	<1	0.01	2150	<10	<2	0.11	<5	5	4	<20	<0.01	<10
144760		<10	24.5	948	2	0.01	2120	10	6	0.10	10	5	2	<20	<0.01	<10
144761		10	0.43	35	<1	0.01	35	40	3	0.06	<5	1	5	<20	0.03	<10
144762		<10	24.0	961	1	0.02	2030	<10	2	0.12	7	5	4	<20	<0.01	<10
144763		<10	23.4	875	1	0.02	2040	10	5	0.16	<5	5	4	<20	<0.01	<10
144764		<10	22.7	789	1	0.02	2000	10	2	0.21	5	5	1	<20	<0.01	<10
144765		10	11.65	1400	<1	1.80	125	1110	5	0.16	12	15	433	<20	0.40	<10
144766		<10	22.0	853	1	0.02	2110	20	6	0.10	<5	5	5	<20	0.01	<10
144767		<10	23.8	832	1	0.02	2070	10	3	0.12	<5	6	3	<20	0.01	<10
144768		<10	25.7	933	1	0.01	2150	10	2	0.12	<5	6	1	<20	<0.01	<10
144769		<10	25.2	869	1	0.01	2090	10	2	0.10	<5	6	1	<20	<0.01	<10
144770		<10	25.2	897	<1	0.01	2070	10	2	0.10	<5	6	1	<20	<0.01	<10
144771		<10	25.2	802	<1	0.01	1910	10	<2	0.10	10	6	2	<20	<0.01	<10
144772		<10	25.1	887	<1	0.01	2090	<10	2	0.08	<5	6	<1	<20	<0.01	<10
144773		<10	26.5	995	1	0.01	2270	<10	3	0.08	<5	5	<1	<20	<0.01	<10
144774		<10	26.0	957	<1	0.01	2220	10	<2	0.10	5	5	<1	<20	<0.01	<10
144775		<10	25.9	994	1	<0.01	2130	<10	3	0.09	5	4	<1	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144736		10	304	10	305	80	0.001
144737		10	340	10	390	90	
144738		10	306	10	437	100	
144739		10	189	<10	482	60	
144740		<10	34	<10	142	20	
144741		<10	7	<10	8	<10	
144742		<10	22	<10	65	<10	
144743		<10	31	<10	68	10	
144744		<10	20	<10	51	10	
144745		<10	22	<10	76	10	
144746		<10	18	<10	65	10	
144747		<10	19	<10	62	10	
144748		<10	22	<10	77	10	
144749		<10	20	<10	2020	10	
144750		<10	20	<10	95	10	
144751		<10	19	<10	84	10	
144752		<10	18	<10	86	10	
144753		<10	20	<10	68	10	
144754		<10	21	<10	75	10	
144755		<10	19	<10	58	10	
144756		<10	20	<10	55	10	
144757		<10	19	<10	108	10	
144758		<10	21	<10	71	10	
144759		<10	16	<10	53	10	
144760		<10	18	<10	70	<10	
144761		<10	4	<10	3	<10	
144762		<10	19	<10	75	<10	
144763		<10	17	<10	64	<10	
144764		<10	17	<10	74	<10	
144765		<10	199	<10	92	80	
144766		<10	21	<10	55	<10	
144767		<10	20	<10	47	<10	
144768		<10	20	<10	47	<10	
144769		<10	20	<10	51	<10	
144770		<10	21	<10	48	<10	
144771		<10	18	<10	47	<10	
144772		<10	18	<10	50	<10	
144773		<10	20	<10	51	<10	
144774		<10	18	<10	51	<10	
144775		<10	16	<10	53	<10	

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CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144776		6.74	<0.5	0.13	11	<10	<0.5	<2	0.11	<0.5	106	1410	2	5.88	<10	0.01
144777		4.58	<0.5	0.26	16	10	<0.5	<2	0.16	<0.5	95	1650	10	5.34	<10	0.02
144778		4.78	<0.5	0.15	11	<10	<0.5	<2	0.16	<0.5	102	1780	2	5.52	<10	0.02

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CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144776		<10	25.4	863	<1	0.01	2120	10	4	0.09	<5	5	3	<20	<0.01	<10
144777		<10	23.4	899	1	0.01	1955	10	<2	0.13	<5	6	7	<20	0.01	<10
144778		<10	24.4	960	1	0.01	2110	10	<2	0.13	<5	5	5	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11206125

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144776		<10	17	<10	48	<10	0.002
144777		<10	22	<10	47	<10	
144778		<10	19	<10	75	<10	

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CERTIFICATE VA11210254

Project: Record Ridge South Mg Expl.
P.O. No.:
This report is for 86 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-OCT-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144779		4.30	<0.5	7.66	18	100	0.8	<2	0.24	<0.5	30	248	51	4.68	10	0.40
144780		5.74	<0.5	0.71	15	140	0.5	<2	1.04	<0.5	91	1635	26	5.21	<10	0.28
144781		1.04	<0.5	0.40	<5	120	<0.5	<2	0.01	<0.5	1	27	6	0.44	<10	0.20
144782		5.98	<0.5	0.19	15	10	<0.5	<2	1.54	<0.5	101	1310	3	5.46	<10	0.13
144783		5.12	<0.5	0.14	15	<10	<0.5	<2	1.47	<0.5	99	1315	<1	5.30	<10	0.03
144784		5.60	<0.5	1.01	10	110	0.6	<2	2.03	<0.5	88	1500	1	5.33	<10	0.17
144785		5.58	<0.5	0.52	21	10	0.6	<2	2.21	<0.5	92	1320	7	5.20	<10	0.03
144786		5.26	<0.5	0.15	27	<10	<0.5	<2	1.64	<0.5	105	1375	<1	5.77	<10	<0.01
144787		5.50	<0.5	0.15	16	10	<0.5	<2	1.42	<0.5	111	1170	9	5.91	<10	0.01
144788		5.80	<0.5	0.16	18	10	<0.5	<2	1.54	<0.5	101	1240	1	5.48	<10	0.01
144789		5.36	<0.5	0.40	12	20	<0.5	2	0.89	<0.5	93	1570	18	5.19	<10	0.03
144790		5.14	<0.5	0.16	28	10	<0.5	2	1.54	<0.5	95	1020	<1	5.23	<10	<0.01
144791		5.52	<0.5	0.20	21	20	<0.5	3	1.54	<0.5	101	1560	1	5.38	<10	0.01
144792		4.88	<0.5	0.13	19	<10	<0.5	<2	1.45	<0.5	80	1540	<1	4.62	<10	<0.01
144793		5.12	<0.5	0.13	21	<10	<0.5	<2	0.89	<0.5	101	1530	<1	5.35	<10	<0.01
144794		5.14	<0.5	0.12	24	<10	<0.5	2	1.21	<0.5	95	1420	<1	5.08	<10	<0.01
144795		5.22	<0.5	0.17	31	<10	<0.5	<2	0.49	<0.5	104	2080	<1	5.45	<10	<0.01
144796		4.80	<0.5	0.12	31	<10	<0.5	<2	0.83	<0.5	99	951	<1	5.50	<10	<0.01
144797		4.98	<0.5	0.95	32	70	<0.5	4	1.20	<0.5	94	1350	<1	5.25	<10	0.10
144798		5.44	<0.5	1.85	24	180	0.5	<2	1.32	<0.5	87	1320	17	5.35	<10	0.26
144799		5.06	<0.5	0.16	38	<10	<0.5	<2	0.21	<0.5	109	1580	7	6.14	<10	<0.01
144800		5.74	<0.5	0.18	29	<10	<0.5	<2	0.20	<0.5	106	2120	9	5.77	<10	<0.01
144801		1.08	<0.5	0.30	<5	80	<0.5	<2	0.01	<0.5	1	32	<1	0.28	<10	0.13
144802		5.26	<0.5	0.18	19	<10	<0.5	<2	0.19	<0.5	102	1480	12	5.93	<10	<0.01
144803		5.26	<0.5	0.17	16	<10	<0.5	<2	0.20	<0.5	106	1540	4	5.98	<10	<0.01
144804		5.36	<0.5	0.16	35	<10	<0.5	<2	0.23	<0.5	106	1390	9	5.78	<10	<0.01
144805		5.50	<0.5	0.25	34	<10	<0.5	2	0.19	<0.5	113	3500	16	5.69	<10	<0.01
144806		5.34	<0.5	0.20	35	<10	<0.5	3	0.17	<0.5	107	1720	9	5.62	<10	<0.01
144807		5.32	<0.5	0.21	34	<10	<0.5	3	0.07	<0.5	111	2520	32	6.05	<10	<0.01
144808		5.54	<0.5	0.14	25	<10	<0.5	<2	0.09	<0.5	104	1150	11	5.66	<10	<0.01
144809		5.18	<0.5	0.18	23	<10	<0.5	2	0.07	<0.5	109	1270	9	6.03	<10	<0.01
144810		5.44	<0.5	0.14	26	<10	<0.5	<2	0.17	<0.5	107	1230	4	5.52	<10	<0.01
144811		5.54	<0.5	0.14	38	<10	<0.5	<2	0.25	<0.5	123	1650	8	6.36	<10	<0.01
144812		5.54	<0.5	0.16	45	<10	<0.5	<2	0.13	<0.5	114	1750	12	6.29	<10	<0.01
144813		5.60	<0.5	0.19	37	<10	<0.5	<2	0.18	<0.5	114	1740	8	6.33	<10	<0.01
144814		5.58	<0.5	0.18	35	<10	<0.5	<2	0.14	<0.5	111	1750	15	6.02	<10	<0.01
144815		5.60	0.5	0.18	36	<10	<0.5	3	0.22	<0.5	113	1980	43	5.99	<10	<0.01
144816		5.20	<0.5	0.17	36	<10	<0.5	<2	0.25	<0.5	106	1320	19	5.76	<10	<0.01
144817		5.40	<0.5	0.16	23	<10	<0.5	<2	0.23	<0.5	101	1160	9	5.38	<10	<0.01
144818		4.94	<0.5	0.22	33	<10	<0.5	<2	0.28	<0.5	99	1220	4	5.15	<10	<0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
144779		20	17.40	1440	<1	0.23	346	640	11	0.01	<5	9	40	<20	0.25	<10
144780		10	20.3	771	<1	0.16	1920	190	<2	0.05	7	5	90	<20	0.03	<10
144781		10	0.07	38	<1	0.01	3	30	2	0.02	<5	<1	4	<20	0.02	<10
144782		10	23.7	848	<1	0.01	2010	10	3	0.08	<5	5	14	<20	0.01	<10
144783		10	22.2	787	<1	0.01	1950	10	<2	0.11	<5	5	17	<20	<0.01	<10
144784		10	19.75	1240	<1	0.06	1750	270	37	0.15	<5	5	131	<20	0.04	<10
144785		10	22.0	936	<1	0.03	1850	30	5	0.08	<5	5	68	<20	0.01	<10
144786		10	24.0	895	<1	0.01	2140	<10	3	0.16	<5	5	15	<20	<0.01	<10
144787		10	23.5	898	2	0.01	2170	<10	9	0.11	<5	5	13	<20	<0.01	<10
144788		10	23.1	933	<1	0.01	2000	<10	3	0.08	<5	5	44	<20	<0.01	<10
144789		<10	20.8	831	<1	0.02	1940	20	5	0.07	<5	5	106	<20	0.01	<10
144790		<10	22.2	873	<1	0.01	1875	<10	<2	0.08	<5	5	22	<20	<0.01	<10
144791		10	23.0	812	<1	0.01	2060	<10	3	0.10	<5	6	94	<20	<0.01	<10
144792		<10	20.1	1055	<1	0.01	1680	<10	2	0.19	7	4	147	<20	<0.01	<10
144793		<10	22.8	931	<1	<0.01	1995	<10	<2	0.16	<5	4	61	<20	<0.01	<10
144794		<10	22.4	1055	<1	<0.01	1765	<10	<2	0.25	<5	4	81	<20	<0.01	<10
144795		<10	23.8	932	1	0.01	2070	<10	3	0.17	<5	5	24	<20	<0.01	<10
144796		<10	23.8	985	<1	0.01	1920	<10	2	0.18	<5	4	51	<20	<0.01	<10
144797		10	22.2	879	1	0.20	1865	230	10	0.14	<5	6	142	<20	0.04	<10
144798		10	20.0	879	<1	0.29	1645	560	12	0.11	<5	7	346	<20	0.08	<10
144799		<10	25.3	888	<1	0.01	2050	<10	2	0.11	<5	6	4	<20	<0.01	<10
144800		<10	24.3	884	<1	0.01	2030	<10	<2	0.11	<5	6	4	<20	<0.01	<10
144801		10	0.19	24	<1	0.01	15	20	<2	0.04	<5	<1	3	<20	0.02	<10
144802		<10	23.6	833	<1	0.01	2090	<10	<2	0.10	<5	6	4	<20	<0.01	<10
144803		<10	24.7	897	<1	0.01	2120	<10	<2	0.09	<5	6	4	<20	<0.01	<10
144804		<10	24.9	933	<1	0.01	2240	<10	4	0.09	<5	5	5	<20	<0.01	<10
144805		<10	25.4	1130	<1	<0.01	2480	<10	<2	0.10	<5	4	7	<20	<0.01	<10
144806		<10	25.2	852	<1	0.01	2260	<10	3	0.09	<5	5	2	<20	<0.01	<10
144807		<10	26.0	1125	<1	<0.01	2430	<10	<2	0.11	<5	5	3	<20	<0.01	<10
144808		<10	25.2	1015	<1	<0.01	2040	<10	<2	0.09	<5	5	2	<20	<0.01	<10
144809		<10	26.2	948	<1	0.01	2140	<10	5	0.08	<5	5	3	<20	<0.01	<10
144810		<10	25.7	1070	<1	<0.01	2030	<10	2	0.08	<5	5	3	<20	<0.01	<10
144811		<10	26.7	1050	<1	<0.01	2420	<10	4	0.09	<5	5	5	<20	<0.01	<10
144812		<10	24.7	919	<1	0.01	2200	<10	<2	0.10	<5	6	3	<20	<0.01	<10
144813		<10	25.1	917	<1	0.01	2210	<10	4	0.09	<5	5	4	<20	<0.01	<10
144814		<10	25.1	821	<1	0.01	2190	<10	<2	0.09	<5	7	3	<20	<0.01	<10
144815		<10	25.5	976	<1	0.01	2280	<10	6	0.09	<5	5	15	<20	<0.01	<10
144816		<10	23.9	916	<1	0.01	2100	<10	<2	0.10	<5	6	16	<20	<0.01	<10
144817		<10	23.5	790	<1	0.01	2080	<10	<2	0.11	<5	6	13	<20	<0.01	<10
144818		<10	23.4	765	<1	0.01	2040	<10	5	0.14	<5	6	34	<20	<0.01	<10

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CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144779		<10	91	<10	89	30	
144780		<10	25	<10	56	10	
144781		<10	2	<10	<2	10	
144782		<10	19	<10	48	<10	
144783		<10	17	<10	50	<10	
144784		<10	29	<10	131	20	
144785		<10	21	<10	57	<10	
144786		<10	18	<10	47	<10	
144787		<10	19	<10	49	<10	
144788		<10	18	<10	50	<10	
144789		<10	18	<10	95	<10	
144790		<10	19	<10	39	<10	
144791		<10	21	<10	52	<10	
144792		<10	16	<10	95	10	
144793		<10	17	<10	51	<10	
144794		<10	16	<10	70	<10	
144795		<10	20	<10	63	<10	
144796		<10	16	<10	55	<10	
144797		<10	30	<10	65	<10	
144798		<10	42	<10	55	20	
144799		<10	19	<10	45	<10	
144800		<10	22	<10	45	<10	
144801		<10	2	<10	<2	<10	
144802		<10	22	<10	30	<10	
144803		<10	23	<10	39	<10	
144804		<10	20	<10	42	<10	
144805		<10	26	<10	84	<10	
144806		<10	21	<10	46	<10	
144807		<10	23	<10	64	<10	
144808		<10	19	<10	43	<10	
144809		<10	19	<10	43	<10	
144810		<10	17	<10	36	<10	
144811		<10	20	<10	47	<10	
144812		<10	22	<10	44	<10	
144813		<10	22	<10	42	<10	
144814		<10	23	<10	38	<10	
144815		<10	21	<10	53	<10	
144816		<10	21	<10	40	<10	
144817		<10	20	<10	36	<10	
144818		<10	20	<10	46	<10	

ALS Minerals

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CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144819		4.90	<0.5	0.18	9	<10	<0.5	<2	0.31	0.5	81	1440	22	4.85	<10	<0.01
144820		5.10	<0.5	0.17	24	<10	<0.5	<2	0.30	<0.5	87	1390	28	4.79	<10	<0.01
144821		0.96	<0.5	0.31	<5	120	<0.5	<2	0.01	<0.5	1	35	<1	0.30	<10	0.14
144822		5.24	<0.5	0.19	18	<10	<0.5	<2	0.22	<0.5	94	1520	6	5.12	<10	<0.01
144823		5.06	<0.5	0.17	22	<10	<0.5	<2	0.07	<0.5	97	1465	4	5.40	<10	0.01
144824		5.00	<0.5	0.15	30	<10	<0.5	<2	0.07	<0.5	99	1540	1	5.38	<10	<0.01
144825		4.86	<0.5	0.15	36	<10	<0.5	<2	0.46	1.0	98	1585	2	5.14	<10	<0.01
144826		5.12	<0.5	0.14	18	<10	<0.5	<2	0.53	<0.5	96	1395	2	5.38	<10	<0.01
144827		4.58	<0.5	0.14	6	<10	<0.5	<2	0.13	<0.5	97	1825	1	5.33	<10	<0.01
144828		4.48	<0.5	0.15	14	<10	<0.5	<2	0.16	<0.5	92	1250	3	4.94	<10	<0.01
144829		5.30	<0.5	0.13	17	<10	<0.5	<2	0.12	<0.5	98	1205	1	5.26	<10	<0.01
144830		4.52	<0.5	0.15	17	<10	<0.5	<2	0.04	<0.5	97	1125	1	5.17	<10	<0.01
144831		4.52	<0.5	0.14	22	<10	<0.5	2	0.19	<0.5	98	1310	<1	5.24	<10	<0.01
144832		5.26	<0.5	0.13	29	<10	<0.5	<2	0.22	<0.5	101	1120	1	5.39	<10	<0.01
144833		4.84	<0.5	0.14	23	<10	<0.5	<2	0.10	<0.5	101	1255	4	5.79	<10	<0.01
144834		4.94	<0.5	0.15	18	<10	<0.5	<2	0.21	<0.5	99	1325	2	5.54	<10	<0.01
144835		5.44	<0.5	0.14	21	<10	<0.5	<2	0.29	<0.5	97	1240	1	5.41	<10	<0.01
144836		4.70	<0.5	0.16	18	<10	<0.5	2	0.07	<0.5	99	1210	1	5.26	<10	<0.01
144837		4.80	<0.5	0.16	14	<10	<0.5	<2	0.22	<0.5	103	1300	2	5.57	<10	<0.01
144838		4.76	<0.5	0.15	10	<10	<0.5	<2	0.31	<0.5	104	1440	2	5.80	<10	0.01
144839		4.88	<0.5	0.14	9	<10	<0.5	<2	0.78	<0.5	104	2090	2	5.64	<10	0.01
144840		4.54	<0.5	0.17	13	<10	<0.5	<2	0.43	<0.5	105	1300	3	5.53	<10	0.02
144841		1.16	<0.5	0.35	<5	130	<0.5	<2	0.01	<0.5	3	50	1	0.33	<10	0.16
144842		4.98	<0.5	0.17	15	<10	<0.5	<2	1.35	<0.5	88	1275	3	5.31	<10	0.01
144843		4.58	<0.5	0.17	16	<10	<0.5	<2	1.32	<0.5	96	1425	2	5.26	<10	0.01
144844		2.10	<0.5	0.17	19	<10	<0.5	<2	2.06	<0.5	96	1540	11	5.69	<10	0.01
144845		2.84	<0.5	10.25	<5	340	1.1	<2	0.65	<0.5	34	21	3	7.48	20	2.01
144846		2.98	<0.5	3.15	13	10	4.1	3	0.94	4.1	77	1390	9	6.08	10	0.10
144847		4.26	<0.5	9.57	<5	200	16.5	<2	2.17	<0.5	16	54	3	4.37	20	0.66
144848		4.56	<0.5	0.89	13	60	1.1	3	0.67	<0.5	89	1445	1	5.08	10	0.14
144849		5.30	<0.5	0.17	16	<10	<0.5	<2	0.73	<0.5	95	1325	<1	5.28	<10	0.02
144850		5.04	<0.5	0.16	12	<10	<0.5	<2	0.17	<0.5	95	1430	3	5.48	<10	0.03
144851		4.66	<0.5	0.16	15	<10	<0.5	2	0.41	<0.5	101	1395	1	5.37	<10	0.03
144852		5.60	<0.5	1.01	14	10	1.7	2	0.44	<0.5	93	1380	19	5.34	10	0.24
144853		4.70	<0.5	0.20	12	<10	<0.5	<2	0.46	<0.5	97	1395	1	5.32	<10	0.06
144854		4.32	<0.5	0.15	17	<10	<0.5	<2	0.53	<0.5	95	1515	1	5.09	<10	0.02
144855		4.82	<0.5	0.17	15	<10	<0.5	<2	0.15	<0.5	98	1350	2	5.31	<10	0.03
144856		5.28	<0.5	0.19	17	<10	<0.5	<2	0.12	<0.5	97	1590	8	5.34	<10	0.03
144857		5.24	<0.5	0.15	22	<10	<0.5	<2	0.16	<0.5	104	1420	3	5.58	<10	0.02
144858		2.92	<0.5	0.19	18	<10	<0.5	<2	0.11	<0.5	98	1790	4	5.38	<10	0.05

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144819		<10	20.5	895	<1	0.01	1720	<10	68	0.18	5	6	50	<20	<0.01	10
144820		<10	21.0	850	<1	0.01	1860	<10	196	0.15	7	5	32	<20	<0.01	<10
144821		10	0.21	23	<1	0.01	18	10	4	0.07	<5	<1	5	<20	0.02	<10
144822		<10	22.7	860	<1	0.01	2020	<10	7	0.14	6	6	14	<20	<0.01	<10
144823		<10	24.7	731	1	0.01	1965	<10	3	0.12	<5	5	7	<20	<0.01	<10
144824		10	25.2	811	<1	<0.01	1945	<10	<2	0.09	<5	6	6	<20	<0.01	<10
144825		<10	23.8	1105	1	<0.01	1930	10	26	0.23	<5	5	35	<20	<0.01	<10
144826		<10	24.6	981	<1	<0.01	1865	<10	<2	0.17	<5	5	17	<20	<0.01	<10
144827		<10	24.5	873	1	<0.01	1935	<10	<2	0.13	<5	4	2	<20	<0.01	<10
144828		<10	24.6	803	1	<0.01	1830	<10	<2	0.12	<5	5	2	<20	<0.01	<10
144829		<10	25.0	927	1	<0.01	1950	10	<2	0.10	<5	4	8	<20	<0.01	<10
144830		<10	25.1	856	1	0.01	1955	<10	<2	0.09	<5	5	2	<20	<0.01	<10
144831		<10	24.7	882	1	<0.01	1885	10	<2	0.08	<5	5	19	<20	<0.01	<10
144832		10	25.4	1005	1	<0.01	1890	<10	2	0.11	<5	5	4	<20	<0.01	<10
144833		<10	25.3	925	1	0.01	1920	10	3	0.10	<5	5	5	<20	<0.01	<10
144834		<10	25.1	844	1	0.01	1900	<10	<2	0.11	<5	5	3	<20	<0.01	<10
144835		10	25.2	902	1	0.01	1925	10	<2	0.11	<5	6	3	<20	<0.01	<10
144836		<10	25.8	960	1	0.01	1875	10	6	0.10	<5	6	1	<20	<0.01	<10
144837		<10	26.1	1035	2	<0.01	2060	<10	5	0.11	<5	6	2	<20	<0.01	<10
144838		<10	25.0	1000	1	<0.01	2060	10	<2	0.10	<5	6	10	<20	<0.01	<10
144839		10	23.9	1095	2	0.02	2130	10	2	0.10	<5	5	10	<20	<0.01	<10
144840		10	25.1	1050	1	0.01	2090	<10	2	0.08	<5	6	10	<20	<0.01	<10
144841		10	0.30	29	2	<0.01	28	30	<2	0.06	<5	<1	4	<20	0.02	<10
144842		<10	23.0	1205	1	0.02	1890	<10	12	0.15	<5	5	21	<20	<0.01	<10
144843		10	23.0	1115	1	0.01	1870	<10	5	0.14	<5	5	13	<20	<0.01	<10
144844		10	22.8	1155	2	0.01	2000	20	3	0.13	<5	6	20	<20	<0.01	<10
144845		10	12.45	2700	2	0.97	32	980	26	0.01	<5	26	390	<20	0.49	<10
144846		70	18.95	2480	3	0.81	1430	140	18	0.10	<5	5	250	20	0.06	<10
144847		80	4.02	3570	5	4.08	96	700	10	<0.01	<5	4	1120	50	0.25	<10
144848		10	23.6	1270	2	0.07	1865	60	2	0.12	<5	5	53	<20	0.02	<10
144849		10	24.5	1100	1	0.02	1845	<10	7	0.12	<5	5	25	<20	<0.01	<10
144850		10	24.6	933	2	0.03	1855	<10	2	0.08	<5	5	8	<20	<0.01	<10
144851		<10	24.9	1090	3	0.01	2060	<10	<2	0.12	<5	6	20	<20	<0.01	<10
144852		20	23.2	1175	2	0.21	1790	20	45	0.08	<5	6	110	<20	0.02	<10
144853		10	24.4	1120	2	0.02	1960	10	<2	0.09	<5	7	14	<20	<0.01	<10
144854		10	24.1	1190	3	0.01	1980	<10	3	0.15	<5	5	35	<20	<0.01	<10
144855		10	25.3	865	2	0.01	2000	<10	<2	0.09	<5	6	8	<20	<0.01	<10
144856		<10	25.1	809	2	0.02	1990	<10	5	0.08	<5	5	6	<20	<0.01	<10
144857		<10	25.5	925	2	0.02	2110	<10	4	0.15	<5	5	9	<20	<0.01	<10
144858		<10	25.2	931	1	0.02	1880	<10	<2	0.12	<5	6	6	<20	<0.01	<10

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CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144819		<10	19	<10	130	<10	
144820		<10	18	<10	101	<10	
144821		<10	2	<10	<2	<10	
144822		<10	20	<10	68	<10	
144823		<10	18	<10	50	<10	
144824		<10	20	<10	40	<10	
144825		<10	18	<10	258	<10	
144826		<10	19	<10	48	<10	
144827		<10	21	<10	56	<10	
144828		<10	19	<10	45	<10	
144829		<10	17	<10	43	<10	
144830		<10	18	<10	45	<10	
144831		<10	18	<10	44	<10	
144832		<10	17	<10	45	<10	
144833		<10	19	<10	46	<10	
144834		<10	19	<10	48	<10	
144835		<10	21	<10	58	<10	
144836		<10	20	<10	56	<10	
144837		<10	21	<10	60	<10	
144838		<10	19	<10	70	<10	
144839		<10	21	<10	74	<10	
144840		<10	21	<10	79	<10	
144841		<10	3	<10	<2	<10	
144842		<10	18	<10	142	10	
144843		<10	18	<10	202	10	
144844		<10	20	<10	90	<10	
144845		<10	279	<10	169	70	
144846		<10	37	<10	1010	20	
144847		<10	32	<10	179	60	
144848		<10	21	<10	111	10	
144849		<10	20	<10	115	10	
144850		<10	22	<10	95	<10	
144851		<10	23	<10	103	10	
144852		<10	21	<10	119	20	
144853		<10	25	<10	95	10	
144854		<10	22	10	79	10	
144855		<10	24	<10	68	<10	
144856		<10	23	10	65	10	
144857		<10	20	<10	79	10	
144858		<10	20	<10	94	10	

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Finalized Date: 16-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144859		3.32	<0.5	0.16	20	<10	<0.5	<2	0.09	<0.5	104	1840	1	5.67	<10	0.04
144860		3.20	<0.5	0.17	21	<10	<0.5	<2	0.27	1.3	106	1645	9	5.84	<10	0.02
144861		1.26	<0.5	0.29	<5	80	<0.5	<2	0.01	<0.5	3	41	2	0.59	<10	0.13
144862		5.38	<0.5	2.15	26	190	0.7	<2	1.50	0.6	83	1300	14	5.17	<10	0.29
144863		4.88	<0.5	0.16	21	<10	<0.5	<2	0.08	0.5	100	1075	<1	5.20	<10	<0.01
144864		Not Recvd														

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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144859		10	24.4	1140	1	0.01	2010	<10	<2	0.19	7	5	7	<20	<0.01	<10
144860		10	23.7	1055	2	0.01	2010	<10	87	0.18	10	6	17	<20	<0.01	<10
144861		10	0.22	54	2	0.01	19	30	<2	0.13	<5	<1	4	<20	0.01	<10
144862		20	20.3	885	1	0.41	1525	670	4	0.11	<5	7	389	<20	0.09	<10
144863		10	24.8	934	2	0.01	1855	<10	60	0.10	<5	6	3	<20	<0.01	<10
144864																

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Finalized Date: 16-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11210254

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10	Au-ICP21 Au ppm 0.001
144859		<10	20	<10	105	<10	0.001
144860		<10	28	<10	188	<10	0.001
144861		<10	2	<10	3	<10	
144862		<10	46	<10	58	20	
144863		<10	18	<10	59	<10	
144864							

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Finalized Date: 18-NOV-2011
This copy reported on
21-NOV-2011
Account: WHYRES

CERTIFICATE VA11216145

Project: Record Ridge South Mg Expl.

P.O. No.:

This report is for 72 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-OCT-2011.

The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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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Finalized Date: 18-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216145

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144865		5.86	<0.5	0.20	25	<10	<0.5	3	0.33	<0.5	114	1780	2	6.01	<10	0.01
144866		4.34	<0.5	0.19	28	<10	<0.5	3	0.75	<0.5	103	1620	2	5.37	<10	0.01
144867		5.32	<0.5	0.19	25	<10	<0.5	<2	0.75	<0.5	100	1430	3	5.25	<10	0.01
144868		5.24	<0.5	0.19	24	<10	<0.5	<2	0.70	<0.5	112	1500	2	5.87	<10	<0.01
144869		4.96	<0.5	0.20	25	<10	<0.5	<2	0.93	<0.5	110	1660	3	6.07	<10	0.01
144870		4.84	<0.5	0.17	21	<10	<0.5	<2	1.32	<0.5	108	1520	3	5.75	<10	0.01
144871		5.44	<0.5	0.24	23	10	<0.5	<2	2.07	<0.5	99	1530	5	5.52	<10	0.02
144872		4.82	<0.5	0.20	8	20	<0.5	<2	1.48	<0.5	101	1470	4	5.57	<10	0.01
144873		4.68	<0.5	8.58	6	720	0.6	<2	1.11	<0.5	20	23	15	5.97	20	1.04
144874		6.38	<0.5	9.84	9	1040	0.7	<2	2.03	<0.5	20	12	33	6.07	20	1.98
144875		3.10	<0.5	9.26	12	810	0.7	<2	2.34	<0.5	36	360	41	6.27	20	1.27
144876		5.74	<0.5	0.25	22	10	<0.5	<2	2.80	<0.5	105	1740	10	5.58	<10	0.02
144877		5.68	<0.5	0.27	29	10	<0.5	<2	2.19	<0.5	106	1670	13	5.86	<10	0.02
144878		4.98	<0.5	0.21	19	10	<0.5	<2	2.17	<0.5	104	1750	11	5.67	<10	0.01
144879		5.40	<0.5	0.18	22	<10	<0.5	<2	2.07	<0.5	106	1620	12	5.68	<10	0.01
144880		5.34	<0.5	0.16	21	<10	<0.5	<2	1.90	<0.5	100	1570	14	5.44	<10	0.01
144881		0.80	<0.5	1.10	7	210	<0.5	<2	0.02	<0.5	3	30	5	0.34	<10	0.53
144882		5.46	<0.5	0.17	18	<10	<0.5	<2	1.55	0.5	108	1450	6	5.81	<10	0.01
144883		5.52	<0.5	0.16	26	10	<0.5	<2	0.52	<0.5	110	1360	17	5.87	<10	0.01
144884		5.82	<0.5	0.17	26	10	<0.5	<2	0.40	0.5	111	1260	44	5.96	<10	0.01
144885		5.54	<0.5	0.16	23	<10	<0.5	<2	0.23	0.5	107	1480	30	5.66	<10	0.01
144886		5.34	<0.5	0.18	26	<10	<0.5	<2	0.13	<0.5	111	1320	39	5.97	<10	0.01
144887		5.64	<0.5	0.19	28	10	<0.5	<2	0.09	<0.5	121	3130	34	6.60	<10	<0.01
144888		5.40	<0.5	0.15	31	<10	<0.5	<2	0.08	<0.5	116	2090	23	6.09	<10	<0.01
144889		5.22	<0.5	0.15	24	<10	<0.5	3	0.09	<0.5	108	1680	16	5.64	<10	<0.01
144890		5.24	<0.5	0.15	27	<10	<0.5	<2	0.17	<0.5	107	1400	14	5.62	<10	0.01
144891		5.44	<0.5	0.16	23	<10	<0.5	<2	0.13	<0.5	112	2230	7	6.08	<10	0.01
144892		7.06	<0.5	0.17	18	10	<0.5	<2	0.37	<0.5	106	1510	8	5.79	<10	0.02
144893		2.54	0.5	6.03	7	2010	2.3	<2	6.37	0.6	49	646	27	6.26	10	3.66
144894		5.32	<0.5	0.39	17	10	<0.5	<2	1.32	0.5	104	1550	16	5.62	<10	0.02
144895		5.34	<0.5	0.46	24	10	<0.5	<2	1.68	0.5	103	1350	20	5.70	<10	0.01
144896		5.24	<0.5	0.15	18	<10	<0.5	<2	0.41	<0.5	112	1260	6	6.10	<10	0.01
144897		5.22	<0.5	0.20	21	<10	<0.5	<2	0.13	<0.5	110	1430	4	5.94	<10	0.01
144898		5.26	<0.5	0.18	15	<10	<0.5	<2	0.18	<0.5	112	1420	3	5.87	<10	<0.01
144899		5.28	<0.5	0.23	21	<10	<0.5	<2	0.33	0.5	113	1660	8	6.14	<10	0.01
144900		5.40	<0.5	0.19	21	<10	<0.5	<2	0.39	<0.5	118	1320	5	6.54	<10	0.01
144901		1.24	<0.5	0.40	6	90	<0.5	<2	0.15	<0.5	32	753	4	1.97	<10	0.16
144902		5.56	<0.5	0.21	23	<10	<0.5	<2	0.96	<0.5	106	1290	4	6.00	<10	0.01
144903		5.08	<0.5	0.20	19	<10	<0.5	<2	0.52	<0.5	111	1590	5	6.20	<10	0.02
144904		5.52	<0.5	0.21	17	<10	<0.5	<2	0.28	<0.5	111	1560	4	5.98	<10	0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 18-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216145

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144865		<10	23.3	1030	<1	0.01	2250	10	2	0.04	<5	6	18	<20	<0.01	<10
144866		<10	22.5	967	<1	0.01	2050	10	9	0.05	5	7	16	<20	<0.01	<10
144867		<10	22.0	884	1	0.01	2050	10	<2	0.05	<5	6	19	<20	<0.01	<10
144868		<10	23.3	998	<1	0.01	2280	<10	4	0.05	<5	6	13	<20	<0.01	<10
144869		<10	23.0	916	<1	0.01	2380	<10	2	0.05	<5	7	12	<20	<0.01	<10
144870		<10	22.5	944	<1	0.01	2230	10	13	0.05	5	6	18	<20	<0.01	<10
144871		<10	22.6	1125	<1	0.02	2020	10	<2	0.07	6	6	27	<20	<0.01	<10
144872		<10	20.6	913	<1	0.03	2090	<10	<2	0.06	<5	6	23	<20	<0.01	<10
144873		<10	4.82	1430	1	3.10	31	950	10	0.06	5	17	255	<20	0.42	<10
144874		10	3.41	1515	<1	3.52	15	1120	16	0.01	<5	19	369	<20	0.44	<10
144875		10	7.06	1350	<1	3.17	390	920	2	0.01	<5	25	417	<20	0.39	<10
144876		<10	21.2	1210	<1	0.04	2120	10	<2	0.06	<5	7	36	<20	0.01	<10
144877		<10	22.1	1075	<1	0.04	2120	10	3	0.05	<5	7	21	<20	0.01	<10
144878		<10	22.7	1150	1	0.02	2110	10	<2	0.06	<5	6	30	<20	0.01	<10
144879		<10	23.0	940	1	0.01	2200	<10	<2	0.05	5	6	29	<20	<0.01	<10
144880		<10	23.0	827	1	0.01	2090	<10	2	0.04	<5	5	25	<20	<0.01	<10
144881		10	0.15	20	<1	0.01	13	50	<2	0.08	<5	1	7	<20	0.05	<10
144882		10	25.4	854	<1	0.01	2140	<10	5	0.05	<5	5	20	<20	<0.01	<10
144883		10	26.0	1035	1	0.01	2140	10	2	0.04	<5	5	21	<20	<0.01	<10
144884		10	27.0	1060	<1	0.01	2190	10	3	0.05	<5	6	6	<20	<0.01	<10
144885		10	26.0	866	<1	0.01	2150	<10	3	0.04	<5	6	21	<20	<0.01	<10
144886		10	27.2	1060	<1	0.01	2230	10	3	0.05	6	6	6	<20	<0.01	<10
144887		10	27.9	1080	<1	0.01	2270	<10	<2	0.06	6	5	6	<20	<0.01	<10
144888		10	27.1	931	<1	0.01	2310	<10	<2	0.05	<5	5	5	<20	<0.01	<10
144889		10	26.3	932	<1	0.01	2200	<10	<2	0.05	<5	5	2	<20	<0.01	<10
144890		10	26.1	874	<1	0.01	2260	10	<2	0.04	<5	5	9	<20	<0.01	<10
144891		10	25.9	899	<1	0.01	2150	<10	<2	0.05	<5	5	3	<20	<0.01	<10
144892		10	25.4	912	<1	0.01	2160	<10	3	0.05	<5	6	8	<20	<0.01	<10
144893		40	9.60	1145	<1	0.49	431	3240	17	<0.01	<5	18	1555	<20	0.56	<10
144894		10	23.7	931	<1	0.01	2120	50	2	0.06	7	6	35	<20	0.01	<10
144895		10	24.3	955	<1	0.01	2070	40	4	0.07	<5	6	35	<20	0.01	<10
144896		10	26.7	1050	<1	0.01	2300	<10	<2	0.06	<5	6	15	<20	<0.01	<10
144897		10	26.3	953	<1	0.02	2200	<10	<2	0.06	<5	6	2	<20	<0.01	<10
144898		10	26.1	977	<1	0.01	2160	<10	<2	0.07	5	6	2	<20	<0.01	<10
144899		10	26.6	903	<1	0.02	2220	<10	<2	0.06	<5	7	3	<20	<0.01	<10
144900		10	27.3	982	<1	0.02	2420	<10	<2	0.06	<5	6	4	<20	<0.01	<10
144901		10	7.41	252	<1	0.01	621	20	<2	0.09	<5	2	4	<20	0.01	<10
144902		10	26.5	887	<1	0.02	2050	<10	<2	0.07	5	7	7	<20	<0.01	<10
144903		10	26.8	916	<1	0.01	2180	<10	<2	0.06	<5	6	4	<20	<0.01	<10
144904		10	26.4	842	<1	0.02	2170	<10	<2	0.06	<5	7	3	<20	<0.01	<10

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CERTIFICATE OF ANALYSIS VA11216145

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-ICP21 Au ppm 0.001
144865		<10	22	<10	60	
144866		<10	24	<10	59	
144867		<10	22	<10	52	
144868		<10	23	<10	56	
144869		<10	24	<10	73	
144870		<10	23	<10	69	
144871		<10	23	<10	70	
144872		<10	24	<10	54	
144873		<10	207	<10	128	
144874		<10	212	<10	130	
144875		<10	194	<10	104	
144876		<10	26	<10	63	
144877		<10	25	<10	60	
144878		<10	22	<10	60	
144879		<10	21	<10	58	
144880		<10	21	<10	48	
144881		<10	9	<10	<2	
144882		<10	20	<10	44	
144883		<10	18	<10	49	
144884		<10	20	<10	42	
144885		<10	20	<10	41	
144886		<10	19	<10	42	
144887		<10	22	<10	65	
144888		<10	21	<10	45	
144889		<10	19	<10	43	
144890		<10	19	<10	40	
144891		<10	23	<10	52	
144892		<10	22	<10	45	
144893		<10	149	<10	97	
144894		<10	25	<10	54	
144895		<10	23	<10	52	
144896		<10	21	<10	49	
144897		<10	21	<10	53	
144898		<10	22	<10	53	
144899		<10	26	<10	58	
144900		<10	23	<10	52	
144901		<10	10	<10	16	
144902		<10	23	<10	50	
144903		<10	23	<10	53	
144904		<10	24	<10	52	

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CERTIFICATE OF ANALYSIS VA11216145

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144905		5.16	<0.5	0.20	15	<10	<0.5	<2	0.27	0.5	111	1340	2	6.01	<10	0.01
144906		5.38	<0.5	0.20	18	<10	<0.5	<2	0.30	<0.5	109	1220	2	5.85	<10	0.01
144907		5.24	<0.5	0.21	23	<10	<0.5	<2	1.05	<0.5	105	1370	6	5.70	<10	0.01
144908		5.82	<0.5	0.19	17	<10	<0.5	<2	0.95	0.5	110	1390	2	5.81	<10	0.01
144909		5.32	<0.5	0.20	16	<10	<0.5	<2	2.42	0.5	105	1610	7	5.80	<10	<0.01
144910		5.08	<0.5	0.21	14	10	<0.5	<2	2.29	<0.5	101	1780	27	5.53	<10	0.02
144911		5.84	<0.5	0.21	5	10	<0.5	<2	1.39	0.6	107	1910	53	6.00	<10	0.02
144912		5.42	<0.5	0.15	5	<10	<0.5	<2	2.31	<0.5	106	1330	43	5.68	<10	<0.01
144913		4.84	<0.5	0.20	6	<10	<0.5	<2	1.96	<0.5	106	1240	57	5.88	<10	0.01
144914		5.34	<0.5	0.19	7	<10	<0.5	<2	2.05	<0.5	106	1150	5	5.71	<10	<0.01
144915		4.98	<0.5	0.21	5	<10	<0.5	<2	1.19	<0.5	107	1380	14	5.91	<10	<0.01
144916		4.16	<0.5	0.18	9	<10	<0.5	<2	1.34	<0.5	116	2680	31	6.37	<10	<0.01
144917		5.12	<0.5	0.19	7	<10	<0.5	2	1.00	<0.5	112	1740	5	6.13	<10	<0.01
144918		4.90	<0.5	0.17	8	<10	<0.5	<2	0.51	<0.5	109	1945	8	6.00	<10	<0.01
144919		4.82	<0.5	0.18	9	<10	<0.5	<2	0.51	<0.5	111	1820	3	6.18	<10	<0.01
144920		5.08	<0.5	0.17	12	<10	<0.5	<2	1.47	<0.5	100	1765	3	5.32	<10	0.01
144921		0.98	<0.5	0.35	<5	100	<0.5	<2	0.02	<0.5	5	84	3	0.54	<10	0.16
144922		4.92	<0.5	0.78	10	80	<0.5	<2	3.16	<0.5	93	2060	2	5.36	<10	0.12
144923		5.38	<0.5	6.71	8	380	0.9	<2	4.33	<0.5	34	476	35	6.29	20	0.67
144924		5.18	<0.5	8.12	<5	240	0.6	<2	0.80	<0.5	30	22	25	6.38	20	1.44
144925		4.84	<0.5	7.98	<5	240	0.7	<2	1.46	<0.5	23	22	107	6.18	20	1.34
144926		4.04	1.1	7.56	<5	200	0.5	<2	0.59	<0.5	21	11	587	6.34	20	1.11
144927		4.74	0.8	4.67	5	30	0.5	<2	1.63	2.5	61	854	65	5.58	10	0.26
144928		6.74	<0.5	0.95	9	10	1.6	<2	3.05	<0.5	94	1960	30	6.38	<10	0.03
144929		3.86	<0.5	7.16	<5	1740	2.3	<2	0.91	<0.5	28	38	2	8.04	20	3.60
144930		4.42	<0.5	8.19	<5	1880	4.5	<2	0.64	<0.5	8	30	4	3.67	20	5.55
144931		3.00	<0.5	7.55	<5	1740	3.6	2	0.47	<0.5	16	23	5	5.48	20	4.69
144932		2.78	0.5	8.21	<5	1500	5.3	<2	1.02	0.9	6	25	15	2.81	20	5.32
144933		2.12	0.5	7.81	<5	1080	6.2	2	0.71	<0.5	6	18	19	2.54	20	4.93
144934		5.84	<0.5	0.16	25	10	<0.5	<2	0.10	<0.5	114	2350	28	6.40	<10	0.01
144935		5.34	<0.5	0.21	<5	<10	<0.5	<2	1.85	<0.5	105	1315	5	5.64	<10	0.02
144864		2.20	<0.5	0.70	17	30	0.7	<2	0.91	<0.5	99	1670	8	5.55	<10	0.08

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Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144905		10	26.8	895	<1	0.02	2250	10	<2	0.08	<5	7	3	<20	<0.01	<10
144906		10	26.4	852	<1	0.02	2190	10	<2	0.08	<5	7	3	<20	<0.01	<10
144907		10	25.8	909	<1	0.01	2020	<10	<2	0.08	<5	6	5	<20	<0.01	<10
144908		10	25.1	764	<1	0.02	2190	<10	<2	0.08	<5	6	7	<20	<0.01	<10
144909		10	24.4	1095	1	0.01	2080	<10	<2	0.09	<5	6	8	<20	<0.01	<10
144910		<10	22.7	1145	<1	0.03	1970	<10	6	0.10	7	6	34	<20	<0.01	<10
144911		<10	19.90	681	<1	0.03	2180	10	17	0.08	<5	6	86	<20	<0.01	<10
144912		<10	22.8	976	1	0.02	2040	10	<2	0.09	6	5	13	<20	<0.01	<10
144913		10	23.9	1095	1	0.02	2100	<10	<2	0.09	<5	6	6	<20	<0.01	<10
144914		10	24.8	1075	2	0.02	2130	10	2	0.10	<5	6	10	<20	<0.01	<10
144915		10	24.5	1050	9	0.02	2140	<10	<2	0.17	<5	7	3	<20	<0.01	<10
144916		10	23.7	1255	<1	0.01	2140	10	<2	0.15	5	5	4	<20	<0.01	<10
144917		10	24.2	1065	4	0.02	2420	<10	<2	0.15	7	6	7	<20	<0.01	<10
144918		<10	25.4	1140	1	0.01	2350	10	4	0.10	5	5	87	<20	<0.01	<10
144919		<10	23.8	1190	3	0.01	2420	10	3	0.13	<5	5	34	<20	<0.01	<10
144920		<10	22.9	1060	1	0.02	2140	<10	4	0.12	<5	6	16	<20	<0.01	<10
144921		10	0.79	65	<1	0.01	80	30	<2	0.07	<5	1	4	<20	0.02	<10
144922		10	19.45	1195	9	0.20	1970	220	2	0.15	8	5	166	<20	0.03	<10
144923		10	11.95	1975	<1	0.42	408	1440	4	0.03	<5	8	625	<20	0.32	<10
144924		<10	4.41	1515	<1	2.61	33	1120	4	0.01	<5	13	411	<20	0.40	<10
144925		<10	3.93	1730	<1	2.55	16	1100	7	0.01	<5	12	242	<20	0.40	<10
144926		<10	4.55	1540	<1	3.08	7	1130	4	0.04	<5	11	233	<20	0.40	<10
144927		10	16.50	2340	<1	0.11	1125	530	350	0.10	9	10	104	<20	0.20	<10
144928		10	20.3	2630	1	0.02	2010	80	32	0.33	11	5	104	<20	0.03	<10
144929		50	4.49	5360	2	0.97	198	920	19	0.02	<5	4	396	20	0.27	<10
144930		70	1.22	1905	<1	2.10	31	690	22	<0.01	<5	4	519	30	0.22	<10
144931		30	2.22	3320	<1	1.88	67	580	16	<0.01	<5	3	429	20	0.20	<10
144932		90	0.67	1610	5	2.77	6	730	31	0.03	<5	4	516	40	0.23	<10
144933		60	0.69	1400	1	2.76	13	490	30	<0.01	<5	3	420	40	0.18	<10
144934		<10	26.7	1030	<1	0.01	2230	10	2	0.06	<5	5	6	<20	<0.01	<10
144935		<10	23.9	1040	1	0.03	2190	10	3	0.09	<5	6	7	<20	<0.01	<10
144864		10	21.8	959	<1	0.06	2170	100	13	0.02	6	6	19	<20	0.02	<10

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Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-ICP21 Au ppm 0.001
144905		<10	23	<10	53	
144906		<10	23	<10	54	
144907		<10	21	<10	53	
144908		<10	21	<10	49	
144909		<10	22	<10	53	
144910		<10	23	<10	61	
144911		<10	22	<10	64	
144912		<10	20	<10	44	
144913		<10	22	<10	53	
144914		<10	21	<10	49	
144915		<10	25	<10	55	
144916		<10	23	<10	77	
144917		<10	24	<10	69	
144918		<10	20	<10	76	
144919		<10	20	<10	71	
144920		<10	22	<10	63	
144921		<10	3	<10	3	
144922		<10	27	<10	65	
144923		<10	149	<10	111	
144924		<10	203	<10	98	
144925		<10	203	<10	98	
144926		<10	202	<10	103	
144927		<10	100	<10	574	
144928		<10	22	10	237	
144929		<10	40	<10	281	<0.001
144930		<10	26	<10	91	0.001
144931		<10	25	10	159	<0.001
144932		<10	26	10	317	<0.001
144933		<10	19	<10	96	0.001
144934		<10	18	<10	49	
144935		<10	21	<10	50	
144864		<10	25	<10	70	

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 14-NOV-2011
Account: WHYRES

CERTIFICATE VA11216787

Project: Record Ridge South Mg Expl.

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-OCT-2011.

The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
144936		4.50	<0.5	0.13	25	10	<0.5	2	0.82	<0.5	100	1185	2	5.42	<10	0.01
144937		4.58	<0.5	0.12	24	<10	<0.5	<2	0.45	<0.5	106	1710	2	5.46	<10	<0.01
144938		4.88	<0.5	0.11	40	<10	<0.5	<2	0.35	<0.5	103	1620	1	5.07	<10	<0.01
144939		5.36	<0.5	0.17	37	<10	<0.5	<2	0.25	<0.5	107	1725	1	5.14	<10	<0.01
144940		4.74	<0.5	0.14	32	10	<0.5	<2	0.32	<0.5	103	1015	1	5.05	<10	<0.01
144941		1.28	<0.5	5.43	<5	1080	1.9	<2	0.03	<0.5	5	53	12	0.86	10	2.71
144942		5.00	<0.5	0.22	18	30	<0.5	2	0.17	<0.5	85	1135	1	4.42	<10	0.04
144943		5.02	<0.5	0.17	21	50	<0.5	3	1.04	1.0	96	1320	14	5.26	<10	<0.01
144944		5.16	<0.5	0.16	20	50	<0.5	<2	0.36	<0.5	101	1615	1	5.30	<10	0.01
144945		4.50	<0.5	0.13	24	20	<0.5	<2	0.17	<0.5	103	1250	<1	5.12	<10	0.01
144946		5.38	<0.5	0.17	22	10	<0.5	<2	0.35	<0.5	114	1930	1	5.73	<10	<0.01
144947		4.96	<0.5	0.17	27	10	<0.5	<2	0.21	<0.5	102	1255	1	5.33	<10	<0.01
144948		5.32	<0.5	0.16	36	<10	<0.5	<2	0.07	<0.5	99	1125	1	5.24	<10	<0.01
144949		5.02	<0.5	0.17	26	10	<0.5	2	0.45	0.5	103	1865	8	5.98	<10	<0.01
144950		5.08	<0.5	0.14	25	<10	<0.5	<2	0.13	<0.5	100	1255	<1	5.54	<10	<0.01
144951		4.76	<0.5	0.12	23	10	<0.5	<2	0.43	<0.5	99	972	2	4.90	<10	<0.01
144952		5.28	<0.5	0.12	26	<10	<0.5	<2	0.21	<0.5	108	1310	3	5.47	<10	<0.01
144953		4.74	<0.5	0.15	36	<10	<0.5	<2	0.55	<0.5	105	2350	1	5.23	<10	<0.01
144954		4.80	<0.5	0.16	30	20	<0.5	<2	0.66	<0.5	103	2470	2	5.10	<10	<0.01
144955		5.28	<0.5	0.18	35	<10	<0.5	<2	0.22	<0.5	109	3070	1	5.44	<10	<0.01
144956		5.00	<0.5	0.16	33	10	<0.5	<2	0.19	<0.5	100	1070	1	5.31	<10	<0.01
144957		5.22	<0.5	0.14	20	<10	<0.5	<2	0.19	<0.5	95	1200	1	5.17	<10	<0.01
144958		4.48	<0.5	0.13	21	<10	<0.5	<2	0.19	<0.5	98	1230	<1	5.16	<10	<0.01
144959		5.02	<0.5	0.13	25	10	<0.5	<2	0.14	<0.5	98	1015	<1	4.93	<10	<0.01
144960		4.88	<0.5	0.15	37	<10	<0.5	<2	0.13	<0.5	103	2170	<1	5.77	<10	<0.01
144961		1.08	<0.5	1.48	<5	370	0.5	<2	0.01	<0.5	2	40	4	0.46	<10	0.71
144962		4.38	<0.5	0.18	60	<10	<0.5	<2	0.27	<0.5	100	2780	2	5.41	<10	<0.01
144963		5.80	<0.5	0.20	37	10	<0.5	2	0.32	<0.5	96	1740	5	4.97	<10	0.01
144964		4.58	<0.5	0.11	33	<10	<0.5	<2	0.28	<0.5	102	2030	2	4.95	<10	<0.01
144965		5.04	<0.5	0.17	16	<10	<0.5	<2	1.82	<0.5	86	1380	5	4.45	<10	<0.01
144966		4.92	<0.5	0.14	13	<10	<0.5	<2	0.77	<0.5	94	1565	1	5.38	<10	<0.01
144967		5.08	<0.5	0.14	26	<10	<0.5	<2	0.74	<0.5	95	1580	2	5.68	<10	<0.01
144968		3.38	<0.5	0.13	24	<10	<0.5	3	0.87	<0.5	93	1770	2	5.31	<10	<0.01
144969		3.16	<0.5	0.09	25	<10	0.5	3	2.53	<0.5	67	867	19	3.43	<10	0.01
144970		4.80	<0.5	0.15	33	<10	<0.5	<2	1.22	<0.5	86	1435	4	4.65	<10	0.01
144971		5.50	<0.5	0.13	30	<10	<0.5	<2	0.45	<0.5	100	1085	2	5.41	<10	<0.01
144972		4.74	<0.5	0.13	33	<10	<0.5	<2	0.15	<0.5	113	1840	1	5.86	<10	<0.01
144973		4.74	<0.5	0.12	29	<10	<0.5	<2	0.83	<0.5	94	1130	2	5.08	<10	<0.01
144974		5.06	<0.5	0.15	29	<10	<0.5	<2	0.25	<0.5	101	2240	4	5.63	<10	<0.01
144975		5.10	<0.5	0.11	16	<10	<0.5	<2	0.29	<0.5	98	2360	2	4.87	<10	<0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 14-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144936		10	22.2	1025	2	0.01	2030	10	12	0.16	5	4	88	<20	<0.01	<10
144937		<10	22.6	868	2	<0.01	2030	10	3	0.11	<5	3	46	<20	<0.01	<10
144938		<10	22.7	925	2	<0.01	2090	10	<2	0.16	<5	4	42	<20	<0.01	<10
144939		<10	23.7	785	1	<0.01	2140	10	<2	0.16	<5	5	28	<20	<0.01	<10
144940		<10	23.1	953	1	<0.01	2010	10	<2	0.15	5	5	60	<20	<0.01	<10
144941		30	0.45	30	1	0.07	26	130	3	0.08	<5	7	36	<20	0.18	<10
144942		10	19.80	744	2	0.01	1665	<10	<2	0.10	<5	4	22	<20	0.01	<10
144943		<10	22.4	998	2	<0.01	1935	20	19	0.37	<5	5	170	<20	<0.01	<10
144944		<10	22.6	822	1	<0.01	2070	10	<2	0.16	<5	5	46	<20	<0.01	<10
144945		<10	23.9	828	2	<0.01	2060	10	6	0.12	<5	4	20	<20	<0.01	<10
144946		<10	24.5	967	1	<0.01	2160	10	<2	0.16	<5	4	48	<20	<0.01	<10
144947		<10	23.4	784	2	<0.01	2040	<10	2	0.13	<5	5	49	<20	<0.01	<10
144948		<10	24.1	774	2	<0.01	2100	<10	<2	0.11	<5	5	15	<20	<0.01	<10
144949		<10	21.7	1085	1	0.01	1970	<10	166	0.19	8	5	50	<20	<0.01	<10
144950		<10	23.6	825	2	0.01	1930	10	<2	0.12	<5	5	18	<20	<0.01	<10
144951		<10	23.2	868	2	<0.01	2020	10	16	0.18	6	5	50	<20	<0.01	<10
144952		<10	23.1	1030	1	<0.01	2200	20	3	0.13	<5	4	20	<20	<0.01	<10
144953		<10	23.9	1095	1	<0.01	2070	10	3	0.17	<5	4	59	<20	<0.01	<10
144954		<10	24.0	786	2	<0.01	2110	10	7	0.24	<5	4	43	<20	<0.01	<10
144955		<10	25.2	860	1	<0.01	2260	10	<2	0.15	<5	5	12	<20	<0.01	<10
144956		<10	25.3	761	2	0.01	2050	10	<2	0.12	<5	5	12	<20	<0.01	<10
144957		<10	23.0	673	1	0.01	1970	10	2	0.12	<5	4	10	<20	<0.01	<10
144958		<10	23.4	701	2	<0.01	2000	10	<2	0.11	<5	5	11	<20	<0.01	10
144959		<10	23.3	699	1	0.01	2020	<10	2	0.11	<5	5	12	<20	<0.01	<10
144960		<10	24.0	776	2	0.01	2090	<10	8	0.11	<5	5	12	<20	<0.01	<10
144961		10	0.32	28	2	0.02	25	50	<2	0.03	<5	2	11	<20	0.06	<10
144962		<10	23.0	783	2	0.01	1930	<10	<2	0.12	<5	4	25	<20	<0.01	<10
144963		<10	23.0	812	2	0.01	1995	40	8	0.17	6	5	32	<20	0.01	<10
144964		<10	22.4	773	1	<0.01	2060	<10	5	0.25	6	4	24	<20	<0.01	<10
144965		10	20.9	775	2	0.01	1850	10	3	0.14	<5	5	119	<20	<0.01	<10
144966		<10	22.1	663	2	0.01	1925	10	<2	0.12	<5	5	19	<20	<0.01	<10
144967		<10	21.5	758	2	0.01	1925	<10	5	0.13	<5	5	45	<20	<0.01	<10
144968		<10	21.8	680	2	0.01	1880	<10	2	0.15	<5	5	34	<20	<0.01	<10
144969		10	20.4	1655	2	0.01	1125	10	2	0.41	12	3	189	<20	<0.01	<10
144970		<10	20.8	885	<1	0.02	1660	<10	<2	0.27	<5	4	99	<20	<0.01	<10
144971		<10	21.7	728	<1	0.01	2030	<10	<2	0.11	<5	5	14	<20	<0.01	<10
144972		<10	22.7	737	<1	0.01	2260	<10	<2	0.09	<5	5	3	<20	<0.01	<10
144973		<10	21.3	784	<1	0.01	1980	<10	<2	0.14	<5	5	48	<20	<0.01	<10
144974		<10	21.2	830	<1	<0.01	1990	<10	<2	0.11	<5	4	4	<20	<0.01	<10
144975		<10	22.9	749	<1	<0.01	2090	<10	<2	0.10	<5	4	4	<20	<0.01	<10

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Finalized Date: 14-NOV-2011
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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
144936		<10	14	<10	64
144937		<10	14	<10	57
144938		<10	12	<10	51
144939		<10	19	<10	51
144940		<10	17	<10	38
144941		<10	38	<10	2
144942		<10	16	<10	31
144943		<10	20	<10	363
144944		<10	18	<10	48
144945		<10	14	<10	45
144946		<10	18	<10	66
144947		<10	18	10	41
144948		<10	17	<10	39
144949		<10	17	<10	213
144950		<10	18	<10	41
144951		<10	15	<10	47
144952		<10	16	<10	50
144953		<10	19	<10	69
144954		<10	18	<10	55
144955		<10	21	<10	57
144956		<10	17	<10	36
144957		<10	17	<10	38
144958		<10	18	<10	35
144959		<10	16	<10	35
144960		<10	20	<10	47
144961		<10	10	<10	<2
144962		<10	23	<10	64
144963		<10	17	<10	66
144964		<10	16	<10	59
144965		<10	19	<10	65
144966		<10	18	<10	40
144967		<10	18	<10	47
144968		<10	18	<10	41
144969		<10	15	<10	58
144970		<10	17	<10	60
144971		<10	16	<10	29
144972		<10	17	<10	32
144973		<10	16	<10	39
144974		<10	18	<10	54
144975		<10	19	<10	38

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CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
144976		4.52	<0.5	0.12	26	<10	<0.5	<2	0.08	<0.5	96	1770	5	5.66	<10	<0.01
144977		5.16	<0.5	0.19	22	10	<0.5	<2	0.22	<0.5	89	1645	23	5.04	<10	0.01
144978		4.72	<0.5	0.13	23	<10	<0.5	<2	0.17	<0.5	97	1785	2	5.06	<10	<0.01
144979		5.28	<0.5	0.13	23	<10	<0.5	<2	0.14	<0.5	101	1790	4	5.58	<10	<0.01
144980		4.64	<0.5	0.10	28	<10	<0.5	<2	0.12	<0.5	97	1400	5	5.47	<10	<0.01
144981		1.18	<0.5	2.18	<5	470	0.7	<2	0.02	<0.5	3	34	8	0.50	10	1.04
144982		4.98	<0.5	0.12	29	<10	<0.5	<2	0.16	<0.5	95	1590	3	5.93	<10	<0.01
144983		4.74	<0.5	0.13	23	<10	<0.5	<2	0.05	<0.5	92	1430	3	5.33	<10	<0.01
144984		5.26	<0.5	0.17	27	<10	<0.5	<2	0.10	<0.5	97	1760	3	5.33	<10	<0.01
144985		5.16	<0.5	0.18	26	<10	<0.5	<2	0.14	<0.5	94	1190	4	5.47	<10	<0.01
144986		4.04	<0.5	0.15	30	<10	<0.5	<2	0.10	<0.5	96	1600	3	4.93	<10	<0.01
144987		5.70	<0.5	0.15	35	<10	<0.5	<2	0.12	<0.5	102	1750	3	5.46	<10	<0.01
144988		5.08	<0.5	0.17	35	<10	<0.5	<2	0.31	<0.5	101	1310	3	5.71	<10	<0.01
144989		4.86	<0.5	0.17	37	<10	<0.5	<2	0.18	<0.5	107	1400	4	6.02	<10	<0.01
144990		5.48	<0.5	0.14	36	<10	<0.5	<2	0.10	<0.5	110	1630	7	5.68	<10	<0.01
144991		4.70	<0.5	0.11	34	<10	<0.5	<2	0.26	<0.5	108	1210	16	5.21	<10	<0.01
144992		4.74	<0.5	0.16	29	<10	<0.5	<2	0.38	<0.5	101	1240	10	5.18	<10	<0.01
144993		4.60	<0.5	0.17	34	<10	<0.5	<2	0.14	3.2	94	1140	8	4.98	<10	<0.01
144994		1.14	<0.5	6.79	<5	1700	1.5	<2	4.20	<0.5	36	290	59	5.67	10	2.59
144995		3.50	<0.5	0.16	37	<10	<0.5	<2	0.14	<0.5	87	1400	4	4.64	<10	0.01
144996		5.10	<0.5	0.15	35	<10	<0.5	<2	0.31	<0.5	98	1670	4	5.21	<10	<0.01
144997		4.82	<0.5	0.99	35	10	<0.5	<2	0.35	<0.5	87	1430	6	4.86	<10	0.03
144998		4.96	<0.5	1.31	36	140	<0.5	2	0.94	0.6	89	1320	14	5.12	<10	0.32
144999		2.76	<0.5	0.13	72	<10	<0.5	<2	0.20	<0.5	101	1530	6	4.80	<10	<0.01
145000		5.00	<0.5	6.97	<5	1270	1.7	<2	4.76	<0.5	33	336	40	5.56	20	2.94
145001		1.24	<0.5	2.79	<5	500	0.9	<2	0.03	<0.5	3	35	9	0.56	10	1.32
145002		5.08	<0.5	0.15	58	<10	<0.5	<2	0.12	<0.5	99	1340	10	5.21	<10	<0.01
145003		5.02	<0.5	0.15	45	<10	<0.5	<2	0.09	<0.5	100	1260	10	4.72	<10	0.01
145004		5.00	<0.5	0.15	61	<10	<0.5	<2	0.24	<0.5	107	1240	9	5.48	<10	<0.01
145005		5.44	<0.5	0.13	47	<10	<0.5	<2	0.12	<0.5	106	1610	7	5.33	<10	<0.01
145006		4.98	<0.5	0.10	30	<10	<0.5	<2	0.11	<0.5	103	1230	6	5.35	<10	<0.01
145007		5.46	<0.5	2.97	31	10	<0.5	2	0.12	<0.5	82	1380	8	5.36	<10	0.11
145008		5.10	<0.5	3.01	50	<10	<0.5	<2	0.31	<0.5	82	1500	15	5.97	<10	0.06
145009		4.86	<0.5	0.26	19	<10	<0.5	<2	0.33	<0.5	95	1650	15	5.04	<10	<0.01
145010		5.12	<0.5	0.19	22	<10	<0.5	<2	1.10	<0.5	104	1360	16	5.39	<10	<0.01
145011		4.96	<0.5	0.22	33	<10	<0.5	<2	0.60	<0.5	117	4370	19	5.25	<10	0.01
145012		4.92	<0.5	0.14	35	<10	<0.5	2	0.14	<0.5	102	1580	9	5.35	<10	<0.01
145013		4.98	<0.5	0.22	31	<10	<0.5	<2	0.14	<0.5	98	1290	5	5.10	<10	<0.01
145014		5.16	<0.5	0.23	34	<10	<0.5	<2	0.24	<0.5	98	1640	6	5.20	<10	<0.01
145015		5.18	<0.5	0.15	35	<10	<0.5	<2	0.05	<0.5	104	2470	6	5.55	<10	<0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 14-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
144976		<10	22.1	665	<1	0.01	2110	<10	<2	0.08	<5	4	4	<20	<0.01	10
144977		<10	21.9	599	<1	0.02	1930	<10	13	0.07	<5	5	6	<20	0.01	<10
144978		<10	22.5	760	<1	0.01	2090	<10	<2	0.07	<5	4	5	<20	<0.01	<10
144979		10	25.0	796	<1	<0.01	2080	<10	2	0.10	<5	5	4	<20	<0.01	<10
144980		10	24.4	786	<1	<0.01	2020	10	<2	0.10	<5	5	8	<20	<0.01	<10
144981		20	0.42	28	<1	0.02	27	70	6	0.04	<5	3	14	<20	0.08	<10
144982		10	24.1	802	<1	<0.01	1965	<10	3	0.10	<5	5	4	<20	<0.01	<10
144983		10	23.7	705	<1	<0.01	1850	<10	2	0.08	<5	5	2	<20	<0.01	<10
144984		10	24.1	749	<1	0.01	1875	<10	2	0.09	<5	6	3	<20	<0.01	<10
144985		10	24.3	741	<1	0.01	1920	<10	<2	0.07	<5	6	4	<20	<0.01	<10
144986		10	23.8	717	<1	0.01	1895	<10	2	0.08	<5	5	2	<20	<0.01	<10
144987		10	24.8	756	<1	0.01	2050	<10	6	0.09	<5	5	4	<20	<0.01	<10
144988		10	24.6	747	1	0.01	1950	<10	4	0.08	<5	6	8	<20	<0.01	<10
144989		10	25.5	853	<1	0.01	2070	<10	5	0.12	<5	6	7	<20	<0.01	<10
144990		10	25.4	805	1	0.01	2090	<10	3	0.08	<5	5	4	<20	<0.01	<10
144991		10	24.4	840	<1	0.01	2010	10	3	0.10	<5	5	15	<20	<0.01	<10
144992		10	23.8	832	<1	0.01	1895	<10	3	0.12	<5	5	10	<20	<0.01	<10
144993		10	23.2	771	<1	0.01	1925	10	887	0.15	<5	6	4	<20	<0.01	<10
144994		70	7.07	2090	1	1.32	171	2670	92	0.02	5	18	870	20	0.52	<10
144995		<10	21.5	730	<1	0.01	1770	10	4	0.14	<5	5	4	<20	<0.01	<10
144996		10	22.6	826	<1	0.01	1925	<10	8	0.16	<5	5	12	<20	<0.01	<10
144997		10	20.8	867	<1	0.01	1545	70	5	0.10	<5	7	20	<20	0.05	<10
144998		20	20.8	1555	<1	0.12	1580	480	61	0.12	<5	6	109	<20	0.10	<10
144999		10	23.4	729	<1	<0.01	1980	<10	3	0.16	<5	4	8	<20	<0.01	<10
145000		70	6.07	1210	1	1.81	173	2600	13	0.01	6	18	1350	20	0.52	<10
145001		20	0.30	34	<1	0.03	16	90	5	0.03	<5	3	19	<20	0.10	<10
145002		10	24.9	847	<1	0.01	2030	<10	5	0.10	<5	5	9	<20	<0.01	<10
145003		10	25.2	822	<1	0.01	2000	10	5	0.09	<5	4	8	<20	<0.01	<10
145004		10	25.6	895	<1	<0.01	2040	<10	5	0.11	<5	4	17	<20	<0.01	<10
145005		10	25.0	849	<1	<0.01	2080	10	3	0.10	<5	4	9	<20	<0.01	<10
145006		10	24.0	827	<1	0.01	2000	<10	3	0.09	<5	4	6	<20	<0.01	<10
145007		10	22.0	730	<1	0.02	1320	290	13	0.06	<5	12	19	<20	0.14	<10
145008		10	21.7	843	<1	0.02	1475	280	10	0.10	<5	13	29	<20	0.13	<10
145009		10	23.7	902	<1	0.02	1940	20	4	0.12	<5	6	7	<20	<0.01	<10
145010		10	23.7	887	<1	0.01	1950	<10	4	0.09	<5	6	9	<20	<0.01	<10
145011		10	24.4	971	<1	0.01	2080	<10	6	0.09	<5	5	9	<20	<0.01	<10
145012		10	24.7	846	<1	0.01	2090	<10	4	0.10	<5	5	25	<20	<0.01	<10
145013		10	24.7	801	<1	0.01	1975	<10	7	0.11	<5	6	12	<20	<0.01	<10
145014		10	24.5	876	<1	0.01	1955	<10	2	0.11	<5	6	12	<20	<0.01	<10
145015		10	24.9	896	<1	0.01	2010	<10	2	0.11	<5	4	5	<20	<0.01	<10

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CALGARY AB T3G 3N8

Finalized Date: 14-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
144976		<10	15	<10	30
144977		<10	21	<10	37
144978		<10	19	<10	38
144979		<10	18	<10	38
144980		<10	14	<10	33
144981		<10	14	<10	5
144982		<10	18	<10	35
144983		<10	18	<10	33
144984		<10	22	<10	36
144985		<10	23	<10	32
144986		<10	20	<10	37
144987		<10	20	<10	36
144988		<10	22	<10	33
144989		<10	22	<10	40
144990		<10	20	<10	40
144991		<10	17	<10	37
144992		<10	18	<10	43
144993		<10	20	<10	768
144994		<10	143	<10	203
144995		<10	18	<10	51
144996		<10	20	<10	59
144997		<10	38	<10	46
144998		<10	38	<10	254
144999		<10	17	<10	38
145000		<10	148	<10	97
145001		<10	18	<10	4
145002		<10	18	<10	41
145003		<10	16	<10	40
145004		<10	16	<10	45
145005		<10	16	<10	43
145006		<10	14	<10	34
145007		<10	94	<10	45
145008		<10	90	<10	57
145009		<10	25	<10	52
145010		<10	22	<10	43
145011		<10	25	<10	73
145012		<10	17	<10	41
145013		<10	19	<10	50
145014		<10	22	<10	55
145015		<10	19	<10	56

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CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
145016		4.90	<0.5	0.16	33	<10	<0.5	<2	0.16	<0.5	102	2170	10	5.30	<10	<0.01
145017		6.82	<0.5	0.42	19	<10	<0.5	<2	0.51	<0.5	98	1700	15	5.37	<10	0.01
145018		5.12	<0.5	0.15	28	<10	<0.5	<2	0.19	<0.5	99	1480	3	5.44	<10	<0.01
145019		5.42	<0.5	0.18	25	<10	<0.5	<2	1.01	<0.5	102	1360	19	5.32	<10	<0.01

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CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
145016		10	24.8	927	<1	0.01	2050	<10	3	0.10	<5	5	11	<20	<0.01	<10
145017		10	23.9	879	<1	0.01	2020	10	4	0.07	<5	6	12	<20	0.01	<10
145018		10	24.6	694	<1	0.01	1995	<10	4	0.12	<5	5	9	<20	<0.01	<10
145019		10	23.0	866	<1	0.01	1920	<10	4	0.09	<5	6	8	<20	<0.01	<10

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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11216787

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
145016		<10	19	<10	51
145017		<10	29	<10	42
145018		<10	18	<10	37
145019		<10	20	<10	41

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Finalized Date: 16-NOV-2011
Account: WHYRES

CERTIFICATE VA11221792

Project: Record Ridge South Mg Expl.
P.O. No.:
This report is for 79 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-OCT-2011.
The following have access to data associated with this certificate:

HUN KIM 2	FRANK MARASCO 2	CORY PECK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
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

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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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Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11221792

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
145020		6.04	<0.5	6.22	<5	470	0.9	<2	5.55	<0.5	48	523	92	6.33	<10	1.24
145021		0.98	<0.5	0.51	<5	100	<0.5	<2	0.08	<0.5	2	26	3	0.37	<10	0.22
145022		5.38	<0.5	6.45	<5	240	<0.5	<2	5.55	<0.5	55	413	40	6.80	<10	0.85
145023		4.96	0.5	7.08	<5	210	<0.5	<2	6.04	<0.5	43	493	9	6.08	10	1.20
145024		4.68	<0.5	7.81	<5	200	<0.5	<2	4.53	<0.5	40	311	<1	6.71	10	1.19
145025		6.02	<0.5	6.22	<5	230	<0.5	<2	5.08	<0.5	52	485	2	6.55	<10	1.02
145026		5.32	<0.5	5.18	<5	230	<0.5	<2	4.99	<0.5	53	523	6	6.29	<10	0.87
145027		5.36	0.5	2.28	9	10	<0.5	<2	5.63	<0.5	85	733	76	6.02	<10	0.03
145028		5.00	<0.5	6.77	<5	260	<0.5	<2	3.12	<0.5	60	433	54	6.43	10	0.98
145029		4.78	<0.5	1.47	13	10	<0.5	<2	3.60	<0.5	87	1840	42	5.88	<10	0.02
145030		5.18	<0.5	1.50	24	<10	<0.5	<2	3.58	<0.5	87	1405	11	5.53	<10	0.01
145031		5.24	<0.5	0.26	19	<10	<0.5	<2	2.38	<0.5	99	1565	4	5.39	<10	0.01
145032		4.86	<0.5	4.06	<5	960	0.8	<2	3.22	<0.5	55	704	20	5.14	<10	1.68
145033		5.00	<0.5	0.20	31	10	<0.5	<2	2.00	<0.5	99	1855	9	5.49	<10	0.01
145034		5.32	<0.5	0.44	18	<10	<0.5	<2	3.19	<0.5	93	1780	13	5.52	<10	0.01
145035		4.88	<0.5	0.17	23	10	<0.5	<2	2.93	<0.5	87	1525	10	4.77	<10	0.01
145036		5.14	<0.5	0.16	23	40	<0.5	<2	1.27	<0.5	89	1470	17	5.09	<10	<0.01
145037		5.28	<0.5	0.18	24	10	<0.5	2	1.19	<0.5	99	1840	13	5.16	<10	<0.01
145038		3.08	<0.5	0.19	28	<10	<0.5	2	1.32	<0.5	96	1450	11	5.18	<10	0.01
145039		7.32	<0.5	5.07	7	420	<0.5	2	6.69	<0.5	51	932	21	6.06	10	1.32
145040		4.94	<0.5	0.55	22	10	<0.5	<2	1.32	<0.5	97	1700	10	5.79	<10	0.01
145041		0.98	<0.5	0.50	<5	70	<0.5	<2	0.05	<0.5	4	51	2	0.29	<10	0.24
145042		5.40	<0.5	0.35	20	<10	<0.5	<2	1.28	<0.5	96	2000	12	5.54	<10	0.01
145043		7.88	<0.5	0.15	24	<10	<0.5	<2	1.63	<0.5	102	1830	11	6.03	<10	<0.01
145044		4.14	<0.5	4.69	12	380	<0.5	<2	1.88	<0.5	57	892	42	6.14	10	1.18
145045		7.42	<0.5	0.19	19	10	<0.5	2	1.64	<0.5	101	1900	5	5.65	<10	0.01
145046		2.80	<0.5	7.47	<5	10	<0.5	2	0.31	<0.5	51	402	90	7.85	20	0.02
145047		6.20	<0.5	0.19	23	<10	<0.5	<2	1.94	<0.5	100	1630	5	5.66	<10	<0.01
145048		5.48	<0.5	0.19	15	<10	<0.5	<2	0.81	<0.5	106	1890	4	6.05	<10	<0.01
145049		5.54	<0.5	0.25	17	<10	<0.5	<2	1.21	<0.5	105	1650	8	5.55	<10	0.01
145050		5.72	<0.5	0.20	13	<10	<0.5	<2	0.36	<0.5	102	3950	12	5.96	<10	<0.01
145051		5.48	<0.5	0.19	16	<10	<0.5	<2	0.88	<0.5	99	1960	5	5.73	<10	<0.01
145052		4.84	<0.5	0.20	15	<10	<0.5	<2	0.87	<0.5	94	2570	7	5.38	<10	<0.01
145053		4.88	<0.5	1.57	12	<10	<0.5	<2	0.81	<0.5	92	1980	13	5.91	<10	<0.01
145054		4.90	<0.5	0.16	12	<10	<0.5	<2	0.42	<0.5	101	2600	9	5.72	<10	<0.01
145055		4.96	<0.5	0.17	20	10	<0.5	<2	0.94	<0.5	95	2060	10	5.27	<10	<0.01
145056		5.16	<0.5	0.58	28	10	<0.5	<2	1.30	<0.5	94	2080	8	5.81	<10	0.01
145057		5.10	<0.5	0.26	19	20	<0.5	<2	0.78	<0.5	103	1740	6	5.81	<10	<0.01
145058		5.34	<0.5	0.21	21	<10	<0.5	<2	0.83	<0.5	101	1760	7	5.70	<10	<0.01
145059		5.00	<0.5	0.25	23	<10	<0.5	<2	1.32	<0.5	97	1510	10	5.39	<10	<0.01

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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11221792

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
145020		20	9.08	1225	<1	0.90	526	690	10	0.05	6	28	517	<20	0.35	<10
145021		10	0.13	40	<1	0.03	8	50	<2	0.08	<5	1	12	<20	0.03	<10
145022		10	9.91	1280	<1	0.71	446	580	<2	0.04	<5	39	428	<20	0.38	<10
145023		10	7.52	1220	<1	1.77	549	670	2	0.03	7	27	360	<20	0.39	<10
145024		10	6.61	1175	<1	2.44	276	750	<2	0.02	<5	28	366	<20	0.44	<10
145025		10	10.65	1200	<1	0.79	528	560	<2	0.03	<5	36	297	<20	0.33	<10
145026		10	10.25	1310	<1	0.75	555	540	<2	0.03	<5	21	337	<20	0.28	<10
145027		10	17.70	1120	1	0.07	1565	190	<2	0.10	9	16	116	<20	0.13	<10
145028		10	11.70	977	2	1.50	482	650	<2	0.73	<5	36	330	<20	0.33	<10
145029		10	17.85	940	<1	0.03	1635	120	<2	0.25	15	9	128	<20	0.07	<10
145030		10	19.20	1020	<1	0.01	1675	130	6	0.13	11	10	100	<20	0.09	<10
145031		10	21.6	777	<1	0.02	2090	<10	<2	0.15	11	6	65	<20	0.01	<10
145032		30	10.80	813	1	1.13	901	1140	4	0.11	5	12	694	<20	0.27	<10
145033		10	22.2	960	<1	0.01	2190	10	<2	0.23	17	5	65	<20	0.01	<10
145034		10	19.80	1015	<1	0.01	1990	20	<2	0.19	16	6	84	<20	0.02	<10
145035		10	22.6	1015	1	0.01	1800	<10	<2	0.27	12	5	140	<20	<0.01	<10
145036		10	23.5	821	2	0.01	2010	<10	<2	0.19	<5	5	54	<20	<0.01	<10
145037		10	24.0	786	1	0.01	2110	<10	<2	0.18	<5	5	64	<20	<0.01	<10
145038		10	23.7	799	1	0.01	2000	<10	<2	0.17	<5	6	45	<20	<0.01	<10
145039		<10	10.85	1175	<1	0.43	697	470	6	0.05	<5	18	603	<20	0.26	<10
145040		10	23.5	820	1	0.01	1950	30	<2	0.17	<5	7	68	<20	0.02	<10
145041		10	0.55	29	1	0.01	46	30	<2	0.05	<5	1	6	<20	0.02	<10
145042		10	25.5	942	1	0.01	2100	20	<2	0.15	<5	6	48	<20	0.01	<10
145043		10	25.2	1165	1	0.01	2080	<10	<2	0.16	<5	6	71	<20	<0.01	<10
145044		10	15.25	952	<1	0.60	936	460	<2	0.06	<5	14	214	<20	0.24	<10
145045		10	24.5	1005	<1	0.01	2120	<10	<2	0.19	<5	5	47	<20	<0.01	<10
145046		10	17.30	1085	<1	0.01	368	760	<2	0.03	<5	38	34	<20	0.43	<10
145047		10	25.2	1045	1	0.01	2070	<10	<2	0.15	<5	5	66	<20	<0.01	<10
145048		10	27.5	1005	<1	0.01	2340	<10	<2	0.16	<5	6	31	<20	<0.01	<10
145049		10	26.9	930	1	0.01	2240	10	<2	0.18	<5	6	45	<20	0.01	<10
145050		10	26.7	1050	1	<0.01	2290	10	<2	0.19	<5	5	18	<20	0.01	<10
145051		10	26.1	931	1	0.01	2130	10	<2	0.20	<5	6	37	<20	<0.01	<10
145052		10	24.9	884	<1	0.01	1960	10	<2	0.21	<5	6	33	<20	<0.01	<10
145053		10	23.5	1100	1	0.01	1810	140	<2	0.21	<5	11	64	<20	0.08	<10
145054		10	25.1	1140	1	<0.01	2130	<10	<2	0.20	<5	5	17	<20	<0.01	<10
145055		10	24.3	1095	1	0.01	2120	<10	<2	0.22	<5	5	35	<20	<0.01	<10
145056		10	23.0	698	<1	0.02	1715	30	<2	0.17	<5	9	64	<20	0.03	<10
145057		10	24.7	1005	1	0.01	2140	<10	<2	0.16	<5	7	42	<20	0.01	<10
145058		10	25.4	975	1	<0.01	2090	<10	<2	0.16	<5	6	40	<20	<0.01	<10
145059		10	24.5	974	1	0.01	2060	10	<2	0.17	<5	6	45	<20	0.01	<10

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CERTIFICATE OF ANALYSIS VA11221792

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
145020		<10	197	<10	94	20
145021		<10	6	<10	3	<10
145022		<10	251	<10	70	30
145023		<10	242	<10	74	20
145024		<10	279	<10	64	20
145025		<10	228	<10	73	30
145026		<10	229	<10	82	30
145027		<10	96	<10	63	<10
145028		<10	199	<10	58	10
145029		<10	59	<10	67	<10
145030		<10	63	<10	64	<10
145031		<10	23	<10	69	<10
145032		<10	90	<10	53	10
145033		<10	21	<10	69	<10
145034		<10	26	<10	58	<10
145035		<10	19	<10	62	<10
145036		<10	20	<10	49	<10
145037		<10	22	<10	59	10
145038		<10	21	<10	51	<10
145039		<10	175	<10	99	80
145040		<10	33	<10	52	10
145041		<10	3	<10	<2	<10
145042		<10	29	<10	67	10
145043		<10	19	<10	57	10
145044		10	157	<10	46	50
145045		<10	23	<10	58	10
145046		<10	262	<10	66	10
145047		<10	21	<10	65	<10
145048		<10	22	<10	57	10
145049		<10	23	<10	62	10
145050		<10	26	<10	93	<10
145051		<10	24	<10	59	<10
145052		<10	24	<10	79	<10
145053		<10	67	<10	73	<10
145054		<10	19	<10	85	<10
145055		<10	20	<10	67	<10
145056		<10	38	<10	59	<10
145057		<10	24	<10	58	<10
145058		<10	24	<10	60	<10
145059		<10	22	<10	58	<10

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CERTIFICATE OF ANALYSIS VA11221792

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
145060		4.98	<0.5	0.19	17	<10	<0.5	<2	0.56	<0.5	97	1840	6	5.27	<10	<0.01
145061		1.46	<0.5	0.57	<5	110	<0.5	<2	0.01	<0.5	2	34	3	0.32	<10	0.26
145062		4.86	<0.5	0.22	21	<10	<0.5	<2	0.68	<0.5	97	1490	7	5.36	<10	<0.01
145063		5.42	<0.5	0.41	26	<10	<0.5	<2	1.21	<0.5	85	1890	5	5.02	<10	0.01
145064		3.84	<0.5	1.80	20	<10	<0.5	<2	1.02	<0.5	89	1550	14	5.43	<10	0.01
145065		5.12	<0.5	0.17	21	<10	<0.5	<2	0.73	<0.5	94	1280	7	5.10	<10	<0.01
145066		5.10	<0.5	0.29	15	10	<0.5	2	0.63	<0.5	93	1480	7	5.21	<10	0.04
145067		5.22	<0.5	7.83	5	580	<0.5	<2	5.21	<0.5	33	79	22	7.23	20	2.68
145068		4.92	<0.5	0.17	17	<10	<0.5	3	1.07	<0.5	99	1750	7	5.37	<10	<0.01
145069		4.42	0.6	0.59	18	<10	<0.5	<2	1.34	3.6	87	1640	12	5.18	<10	<0.01
145070		1.94	<0.5	0.49	30	<10	<0.5	<2	5.27	<0.5	82	1780	18	5.67	<10	0.01
145071		4.90	<0.5	0.22	22	<10	<0.5	<2	3.22	<0.5	82	1490	6	4.44	<10	<0.01
145072		6.02	1.2	5.59	6	<10	0.5	<2	2.14	3.8	51	659	36	6.87	10	0.01
145073		6.00	<0.5	7.88	5	980	0.5	<2	1.72	<0.5	43	126	2	7.97	10	2.70
145074		5.94	<0.5	8.39	6	710	0.5	<2	5.13	<0.5	31	74	20	7.18	20	2.40
145075		5.34	<0.5	8.30	<5	560	0.5	<2	4.82	<0.5	35	74	54	7.55	20	2.67
145076		5.58	<0.5	0.52	16	10	<0.5	<2	0.81	<0.5	99	1640	11	5.58	<10	0.05
145077		5.16	<0.5	7.98	<5	380	0.5	<2	5.14	<0.5	37	138	23	7.09	10	1.98
145078		5.08	<0.5	7.79	<5	340	0.5	<2	5.20	<0.5	35	124	12	6.83	10	1.85
145079		5.54	<0.5	8.41	5	430	0.6	<2	5.30	<0.5	35	98	19	7.14	10	2.32
145080		5.76	<0.5	7.73	10	400	0.6	<2	4.37	<0.5	30	78	13	6.44	10	2.01
145081		1.06	<0.5	0.72	<5	190	<0.5	2	0.04	<0.5	3	40	3	0.43	<10	0.33
145082		5.32	<0.5	5.12	23	250	0.6	<2	4.23	<0.5	49	590	30	5.75	10	1.08
145083		3.46	<0.5	0.28	33	10	<0.5	<2	2.65	<0.5	101	1600	21	5.43	<10	0.02
145084		7.62	<0.5	7.25	<5	400	0.7	<2	0.21	<0.5	45	535	4	9.33	20	0.91
145085		4.54	<0.5	0.38	26	<10	0.8	<2	3.22	<0.5	86	1680	16	5.58	<10	0.01
145086		5.06	<0.5	0.39	62	<10	0.8	<2	6.38	<0.5	83	1200	28	4.42	<10	0.01
145087		5.06	<0.5	0.22	19	<10	<0.5	<2	1.75	<0.5	88	1290	20	4.95	<10	0.01
145088		5.96	<0.5	2.05	30	<10	<0.5	<2	3.53	<0.5	87	2400	20	5.88	<10	0.01
145089		6.16	<0.5	6.80	<5	<10	<0.5	<2	0.28	<0.5	43	395	30	7.76	10	0.02
145090		5.62	<0.5	0.22	28	10	<0.5	<2	1.70	<0.5	90	1540	19	5.14	<10	0.01
145091		5.28	<0.5	0.17	32	<10	<0.5	<2	0.75	<0.5	94	1700	23	5.51	<10	<0.01
145092		4.56	<0.5	0.20	27	<10	<0.5	<2	0.48	<0.5	97	1490	13	5.60	<10	<0.01
145093		5.62	<0.5	0.21	26	<10	<0.5	<2	0.84	<0.5	96	1680	15	5.18	<10	<0.01
145094		4.76	<0.5	0.19	26	<10	<0.5	<2	0.89	<0.5	95	1410	11	5.26	<10	<0.01
145095		5.42	<0.5	0.20	28	<10	<0.5	<2	1.08	<0.5	98	1780	16	5.31	<10	<0.01
145096		6.66	<0.5	0.20	42	<10	<0.5	<2	0.58	<0.5	95	1300	13	5.17	<10	<0.01
145097		5.38	<0.5	0.20	14	<10	<0.5	<2	0.86	<0.5	110	2320	8	6.25	<10	<0.01
145098		5.96	<0.5	7.96	<5	620	<0.5	<2	5.32	<0.5	36	88	26	7.57	20	2.82

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
145060		10	25.3	908	1	<0.01	2090	<10	<2	0.15	<5	5	32	<20	<0.01	<10
145061		10	0.25	29	2	0.01	19	20	2	0.02	<5	1	6	<20	0.02	<10
145062		10	24.5	896	1	0.01	2040	<10	<2	0.15	<5	6	36	<20	<0.01	<10
145063		10	24.1	727	1	0.01	1720	20	<2	0.11	<5	8	59	<20	0.01	<10
145064		10	21.8	786	1	0.01	1730	150	<2	0.12	<5	13	49	<20	0.09	<10
145065		10	24.3	967	1	<0.01	2050	<10	<2	0.19	<5	5	23	<20	<0.01	<10
145066		10	23.2	834	1	0.03	1935	10	<2	0.19	<5	6	27	<20	0.01	<10
145067		<10	4.73	1125	<1	2.07	49	590	34	0.01	<5	31	517	<20	0.47	<10
145068		10	23.9	1060	1	<0.01	2130	<10	<2	0.22	<5	5	32	<20	<0.01	<10
145069		<10	22.7	1135	<1	0.01	1840	50	363	0.23	<5	6	71	<20	0.02	<10
145070		<10	19.25	1080	1	0.02	1645	30	8	0.26	<5	6	209	<20	0.02	<10
145071		<10	20.9	804	1	0.01	1715	<10	<2	0.19	<5	5	170	<20	<0.01	<10
145072		10	15.90	3060	1	0.02	789	350	481	0.10	<5	20	103	<20	0.25	<10
145073		10	8.77	2570	1	0.60	90	920	23	0.02	<5	29	340	<20	0.54	<10
145074		<10	4.67	1600	<1	2.58	44	880	10	0.03	<5	31	522	<20	0.49	<10
145075		<10	4.91	1265	<1	2.39	40	700	19	0.01	<5	33	665	<20	0.49	<10
145076		<10	23.2	1015	1	0.07	1995	40	3	0.19	<5	6	58	<20	0.02	<10
145077		<10	5.54	1220	<1	2.84	83	720	27	0.05	5	33	587	<20	0.48	<10
145078		<10	5.34	1260	<1	2.69	83	700	26	0.12	<5	35	497	<20	0.47	<10
145079		<10	5.02	1345	1	2.45	54	670	24	0.09	<5	37	484	<20	0.48	<10
145080		<10	4.86	1520	<1	2.55	56	800	23	0.17	<5	29	445	<20	0.45	<10
145081		10	0.22	34	1	0.01	18	30	<2	0.10	<5	1	8	<20	0.04	<10
145082		<10	10.40	1160	1	1.32	636	430	16	0.31	8	24	372	<20	0.28	<10
145083		<10	21.6	1265	2	0.02	1890	10	<2	0.29	<5	6	196	<20	0.01	<10
145084		10	12.75	5420	6	0.07	679	130	20	0.01	<5	7	71	<20	0.19	<10
145085		<10	19.85	1630	2	0.02	1860	10	4	0.27	9	6	182	<20	<0.01	<10
145086		<10	16.75	1370	1	0.05	1600	<10	4	0.25	8	5	374	<20	<0.01	<10
145087		<10	23.1	1140	4	0.01	1820	<10	4	0.25	<5	5	117	<20	<0.01	<10
145088		<10	18.05	1130	1	0.02	1675	<10	6	0.41	8	10	156	<20	0.08	<10
145089		10	15.75	1565	1	0.02	541	590	<2	0.10	<5	19	26	<20	0.38	<10
145090		<10	22.1	849	1	0.01	1910	<10	<2	0.23	5	5	90	<20	<0.01	<10
145091		<10	23.4	898	1	<0.01	1895	<10	<2	0.25	5	5	122	<20	<0.01	<10
145092		<10	23.9	861	1	0.01	1960	10	<2	0.25	<5	6	37	<20	<0.01	<10
145093		<10	24.7	1110	1	<0.01	1975	10	3	0.27	5	6	32	<20	<0.01	<10
145094		<10	23.7	1155	1	<0.01	1870	10	<2	0.31	<5	6	23	<20	<0.01	<10
145095		<10	23.2	897	1	0.02	1995	10	2	0.22	5	5	50	<20	<0.01	<10
145096		<10	23.7	963	1	0.02	1955	<10	<2	0.20	5	6	41	<20	<0.01	<10
145097		<10	27.2	1090	1	0.01	2280	10	<2	0.16	<5	6	32	<20	<0.01	<10
145098		<10	4.90	1220	<1	2.18	54	600	38	0.01	<5	27	556	<20	0.47	<10

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

To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 16-NOV-2011
Account: WHYRES

Project: Record Ridge South Mg Expl.

CERTIFICATE OF ANALYSIS VA11221792

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
145060		<10	21	<10	72	<10
145061		<10	3	<10	<2	<10
145062		<10	22	<10	62	<10
145063		<10	33	<10	65	<10
145064		<10	74	<10	59	10
145065		<10	19	<10	52	<10
145066		<10	24	<10	50	<10
145067		10	330	<10	83	40
145068		<10	19	<10	56	<10
145069		<10	29	<10	805	<10
145070		<10	30	<10	61	10
145071		<10	20	<10	59	<10
145072		<10	160	<10	1030	30
145073		<10	374	<10	145	120
145074		<10	311	<10	94	50
145075		<10	357	<10	89	60
145076		<10	31	<10	69	10
145077		<10	327	<10	98	30
145078		<10	315	<10	99	30
145079		<10	338	<10	114	30
145080		<10	290	<10	112	40
145081		<10	5	<10	2	<10
145082		<10	196	<10	102	30
145083		<10	21	<10	94	<10
145084		<10	77	<10	335	100
145085		<10	23	<10	134	10
145086		<10	17	<10	113	10
145087		<10	19	<10	76	<10
145088		<10	70	<10	87	10
145089		<10	269	<10	67	20
145090		<10	23	<10	58	10
145091		<10	19	<10	54	<10
145092		<10	21	<10	58	<10
145093		<10	21	<10	74	<10
145094		<10	21	<10	66	<10
145095		<10	20	<10	68	<10
145096		<10	20	<10	73	<10
145097		<10	23	<10	70	10
145098		<10	357	<10	91	40

ALS Minerals

ALS Canada Ltd.

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

To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 20-NOV-2011
This copy reported on
21-NOV-2011
Account: WHYRES

CERTIFICATE VA11211112

Project:

P.O. No.:

This report is for 18 Pulp samples submitted to our lab in Vancouver, BC, Canada on 14-OCT-2011.

The following have access to data associated with this certificate:

HUN KIM 2		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
EXTRA-01	Extra Sample received in Shipment
PUL-31	Pulverize split to 85% <75 um
LOG-QC	QC Test on Received Samples
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: W.H.Y. RESOURCES
ATTN: HUN KIM 2
PO BOX 68121
CALGARY AB T3G 3N8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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

To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 20-NOV-2011
Account: WHYRES

CERTIFICATE OF ANALYSIS VA11211112

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	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	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
143020		0.26	<0.5	0.80	17	20	<0.5	<2	13.30	<0.5	73	1680	36	4.32	<10	0.03
143080		0.24	<0.5	3.32	35	90	1.0	<2	5.32	<0.5	80	1190	20	5.83	<10	0.19
143160		0.26	<0.5	4.64	11	1350	1.1	<2	3.85	<0.5	62	927	12	6.02	10	1.36
143220		0.20	<0.5	7.90	5	1750	4.3	<2	3.19	<0.5	12	124	26	3.77	20	3.79
143240		0.26	<0.5	0.18	34	10	<0.5	<2	0.09	<0.5	110	1650	15	6.10	<10	0.01
143280		0.26	<0.5	0.13	19	<10	<0.5	<2	0.10	<0.5	103	1580	5	5.54	<10	0.01
143320		0.24	<0.5	0.23	45	20	<0.5	<2	0.26	<0.5	95	1420	4	5.66	<10	0.01
143360		0.22	<0.5	0.12	32	<10	<0.5	<2	0.20	<0.5	101	1690	2	5.63	<10	<0.01
143440		0.24	<0.5	0.10	35	<10	<0.5	<2	0.08	<0.5	95	1230	1	4.60	<10	<0.01
143500		0.24	<0.5	0.20	23	10	<0.5	<2	0.67	<0.5	105	3070	4	5.76	<10	0.01
143540		0.30	<0.5	0.10	7	<10	<0.5	<2	0.17	<0.5	99	1190	1	5.42	<10	<0.01
143580		0.26	<0.5	0.13	19	<10	<0.5	<2	0.31	<0.5	95	1170	30	5.60	<10	<0.01
143620		0.28	<0.5	0.14	12	<10	<0.5	<2	0.38	<0.5	103	1260	4	5.58	<10	<0.01
143640		0.22	<0.5	0.30	19	10	<0.5	<2	0.07	<0.5	115	2230	10	6.58	<10	0.01
143680		0.26	<0.5	0.17	14	<10	<0.5	<2	0.11	<0.5	101	1290	2	5.65	<10	<0.01
143740		0.22	<0.5	0.19	23	10	<0.5	<2	0.36	<0.5	100	1300	8	5.72	<10	<0.01
143780		Not Recvd														
143782		0.28	<0.5	0.18	18	10	<0.5	<2	0.28	<0.5	99	1300	4	5.62	<10	<0.01

ALS Canada Ltd.
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To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 20-NOV-2011
Account: WHYRES

CERTIFICATE OF ANALYSIS VA11211112

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
143020		<10	12.10	1595	2	0.02	1565	60	4	0.13	7	6	555	<20	0.03	<10
143080		10	16.85	1005	2	0.24	1450	330	24	0.11	12	13	409	<20	0.14	<10
143160		30	13.10	1395	2	1.25	1070	1400	12	0.12	<5	12	906	<20	0.29	<10
143220		70	1.73	739	4	2.97	29	2400	13	0.05	<5	8	1350	30	0.42	<10
143240		10	25.9	1040	2	0.01	2310	10	2	0.09	<5	5	7	<20	<0.01	<10
143280		<10	23.1	738	2	0.01	2160	10	3	0.17	<5	4	2	<20	<0.01	<10
143320		<10	24.7	775	2	0.01	2100	10	761	0.09	<5	6	77	<20	<0.01	<10
143360		<10	24.7	788	2	<0.01	2120	10	5	0.11	<5	4	7	<20	<0.01	<10
143440		<10	23.6	657	2	0.01	2110	10	<2	0.09	<5	3	4	<20	<0.01	<10
143500		<10	23.7	805	2	0.01	2080	10	4	0.15	5	4	65	<20	0.01	<10
143540		<10	24.0	844	2	<0.01	1995	<10	<2	0.13	<5	4	5	<20	<0.01	<10
143580		<10	24.2	859	2	0.01	2140	<10	3	0.10	<5	5	5	<20	<0.01	<10
143620		<10	25.5	958	1	0.01	2220	10	8	0.10	<5	5	17	<20	<0.01	<10
143640		10	25.4	1000	2	0.01	2380	30	2	0.03	<5	9	2	<20	0.01	<10
143680		<10	25.3	847	2	0.01	2190	10	2	0.09	<5	6	1	<20	<0.01	<10
143740		<10	23.6	995	2	0.01	2060	20	6	0.22	5	6	17	<20	0.01	<10
143780																
143782		<10	24.9	939	2	0.01	2140	<10	<2	0.15	<5	5	20	<20	<0.01	<10

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: W.H.Y. RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Finalized Date: 20-NOV-2011
Account: WHYRES

CERTIFICATE OF ANALYSIS VA11211112

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-ICP61 Li ppm 10
143020		<10	35	<10	67	<10
143080		<10	92	<10	130	10
143160		<10	94	<10	133	10
143220		<10	93	<10	80	20
143240		<10	17	<10	63	<10
143280		<10	15	<10	53	<10
143320		<10	23	<10	45	<10
143360		<10	18	<10	46	<10
143440		<10	14	<10	38	<10
143500		<10	20	<10	90	<10
143540		<10	15	<10	42	<10
143580		<10	16	<10	47	<10
143620		<10	18	<10	51	<10
143640		<10	31	<10	56	<10
143680		<10	21	<10	45	<10
143740		<10	20	<10	62	<10
143780						
143782		<10	19	<10	55	<10

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
www.acmelab.com

Client: WHY Resources
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Submitted By:	Hun Kim
Receiving Lab:	Canada-Vancouver
Received:	October 07, 2011
Report Date:	October 17, 2011
Page:	1 of 2

CLIENT JOB INFORMATION

Project:	None Given
Shipment ID:	
P.O. Number	VA11171105
Number of Samples:	2

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	2	Sorting of samples on arrival and labeling			VAN
1D01	2	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: WHY Resources
P.O. Box 68121
Calgary AB T3G 3N8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
C. Leong
CLARENCE LEONG
GENERAL MANAGER

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: None Given
Report Date: October 17, 2011

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001	1
143800	Rock Pulp	<1	10	3	22	<0.3	1702	91	963	4.65	28	<2	<2	30	1.2	22	<3	29	0.38	0.024	5
143860	Rock Pulp	<1	5	<3	33	<0.3	2042	99	778	4.35	40	<2	<2	4	1.1	4	<3	6	0.05	0.001	2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: None Given
Report Date: October 17, 2011

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
143800	Rock Pulp	943	19.16	22	0.008	31	1.89	<0.01	0.03	<2	<0.05	6	<5
143860	Rock Pulp	302	22.44	<1	<0.001	33	0.06	<0.01	0.02	2	0.05	5	<5

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: None Given
Report Date: October 17, 2011

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001	1
Reference Materials																						
STD DS8	Standard		15	109	122	325	2.0	39	8	644	2.54	28	<2	7	74	2.4	7	5	44	0.77	0.081	18
STD OREAS45CA	Standard		1	540	17	62	0.5	271	96	946	16.35	6	6	7	15	<0.5	14	<3	207	0.43	0.042	17
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	0.107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08	14.6
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	0.043	7	15	0.1	0.13	0.19	215	0.4265	0.0385	15.9
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: None Given
Report Date: October 17, 2011

		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
Reference Materials													
STD DS8	Standard	121	0.63	311	0.114	<20	0.99	0.10	0.44	3	0.17	<5	6
STD OREAS45CA	Standard	778	0.15	166	0.130	<20	4.14	0.01	0.08	<2	<0.05	49	6
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.1679	2.3	4.7
STD OREAS45CA Expected		709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021		
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Submitted By:	Frank Marasco
Receiving Lab:	Canada-Vancouver
Received:	September 08, 2011
Report Date:	October 05, 2011
Page:	1 of 2

CLIENT JOB INFORMATION

Project:	Record Ridge South Magnesium
Shipment ID:	
P.O. Number	
Number of Samples:	20

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	20	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1D01	20	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: WHY Resources
P.O. Box 68121
Calgary AB T3G 3N8
Canada

CC: Hun Kim
Cory Peck

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: Record Ridge South Magnesium
Report Date: October 05, 2011

Method		WGHT	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001
47041	Drill Core	1.16	1	35	11	63	<0.3	289	27	581	3.04	4	<2	5	71	1.1	<3	<3	65	0.56	0.177
47042	Drill Core	5.24	1	1	6	21	<0.3	1950	97	665	4.23	18	<2	<2	20	1.0	<3	<3	8	0.28	0.001
47043	Drill Core	5.34	2	5	5	32	<0.3	1980	95	740	4.23	38	<2	<2	4	0.8	<3	<3	5	0.07	0.001
47044	Drill Core	5.65	1	11	7	20	<0.3	2143	102	645	4.50	22	<2	<2	2	0.8	<3	<3	3	0.02	0.002
47045	Drill Core	5.27	1	4	<3	20	<0.3	1603	83	680	3.73	8	<2	<2	62	0.7	<3	<3	10	0.96	0.001
47046	Drill Core	5.25	1	31	<3	29	<0.3	1836	95	715	4.11	18	<2	<2	34	0.9	<3	<3	9	0.33	0.001
47047	Drill Core	4.75	1	8	8	19	<0.3	1633	88	644	3.87	26	<2	<2	137	0.9	<3	<3	10	0.72	0.002
47048	Drill Core	5.20	1	<1	5	23	<0.3	1950	94	748	4.22	11	<2	<2	2	0.6	<3	<3	6	0.21	0.001
47049	Drill Core	4.96	2	5	<3	10	<0.3	1960	99	758	4.13	13	<2	<2	3	0.6	<3	<3	9	0.12	0.001
47050	Drill Core	4.79	1	32	5	9	<0.3	1728	84	595	3.94	22	<2	<2	52	<0.5	<3	<3	8	0.33	0.002
47051	Drill Core	5.56	<1	21	11	24	<0.3	39	13	600	3.59	<2	<2	6	80	0.9	<3	<3	85	1.10	0.233
47052	Drill Core	5.42	<1	14	21	107	<0.3	20	15	1227	2.86	2	<2	<2	23	0.6	<3	<3	65	0.28	0.057
47053	Drill Core	5.17	1	1	<3	12	<0.3	2040	101	737	4.07	34	<2	<2	5	0.6	<3	<3	7	0.14	0.002
47054	Drill Core	5.37	1	2	<3	27	<0.3	2012	98	717	3.89	26	<2	<2	6	<0.5	<3	<3	6	0.13	0.002
47055	Drill Core	4.33	1	7	3	14	<0.3	1846	93	599	3.86	15	<2	<2	4	0.6	<3	<3	7	0.06	0.001
47056	Drill Core	4.68	2	15	<3	28	<0.3	1914	97	864	4.14	14	<2	<2	13	<0.5	<3	<3	7	0.22	0.003
47057	Drill Core	6.46	1	20	6	15	<0.3	1963	96	637	3.92	15	<2	<2	17	0.6	<3	<3	10	0.32	0.003
47058	Drill Core	4.88	1	8	4	14	<0.3	1706	89	737	3.91	19	<2	<2	39	0.7	<3	<3	31	0.80	0.006
47059	Drill Core	5.14	1	5	9	39	<0.3	1904	95	925	3.93	18	<2	<2	26	0.8	<3	<3	6	0.46	<0.001
47060	Drill Core	5.13	<1	8	3	23	<0.3	1881	92	782	4.21	16	<2	<2	40	0.9	<3	<3	6	0.57	0.004

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Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: Record Ridge South Magnesium
Report Date: October 05, 2011

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
47041	Drill Core	20	281	4.89	558	0.202	<20	2.35	0.03	0.95	<2	<0.05	<5	<5
47042	Drill Core	1	327	21.33	3	0.001	21	0.06	<0.01	<0.01	<2	<0.05	<5	<5
47043	Drill Core	1	193	21.57	3	0.001	26	0.05	<0.01	0.02	<2	0.06	6	<5
47044	Drill Core	1	106	22.78	<1	<0.001	34	0.03	<0.01	<0.01	<2	0.06	<5	<5
47045	Drill Core	1	458	17.19	2	0.002	<20	0.15	<0.01	<0.01	<2	0.07	<5	<5
47046	Drill Core	1	488	20.48	<1	0.001	21	0.05	<0.01	<0.01	<2	0.07	6	<5
47047	Drill Core	1	411	20.43	4	0.002	<20	0.07	<0.01	<0.01	<2	0.13	6	<5
47048	Drill Core	1	215	21.84	<1	<0.001	<20	0.06	<0.01	<0.01	<2	0.05	<5	<5
47049	Drill Core	1	547	21.84	<1	0.001	40	0.04	<0.01	<0.01	<2	0.08	<5	<5
47050	Drill Core	1	435	17.13	16	0.001	28	0.06	<0.01	<0.01	<2	0.05	<5	<5
47051	Drill Core	47	74	2.37	555	0.258	<20	1.48	0.08	0.98	<2	<0.05	<5	<5
47052	Drill Core	3	29	2.33	86	0.079	<20	2.28	0.06	0.46	<2	<0.05	6	<5
47053	Drill Core	1	534	21.30	1	0.001	35	0.04	<0.01	<0.01	<2	0.09	<5	<5
47054	Drill Core	1	348	21.89	2	0.001	70	0.03	<0.01	<0.01	<2	0.15	<5	<5
47055	Drill Core	1	512	22.35	<1	<0.001	34	0.05	<0.01	<0.01	<2	0.12	5	<5
47056	Drill Core	1	581	20.86	1	0.001	24	0.06	<0.01	<0.01	<2	<0.05	6	<5
47057	Drill Core	1	499	21.39	3	0.002	39	0.07	<0.01	<0.01	<2	0.05	<5	<5
47058	Drill Core	1	453	21.30	5	0.005	32	0.48	<0.01	<0.01	<2	0.05	7	<5
47059	Drill Core	1	362	21.19	<1	<0.001	41	0.03	<0.01	<0.01	<2	0.20	<5	<5
47060	Drill Core	1	309	20.01	3	<0.001	30	0.02	<0.01	<0.01	<2	0.10	<5	<5

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Project: Record Ridge South Magnesium

Report Date: October 05, 2011

	Method	WGHT	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001
REP 47048	QC		1	<1	5	22	<0.3	1954	94	743	4.25	12	<2	<2	2	0.7	<3	<3	6	0.21	0.002
Core Reject Duplicates																					
47048	Drill Core	5.20	1	<1	5	23	<0.3	1950	94	748	4.22	11	<2	<2	2	0.6	<3	<3	6	0.21	0.001
DUP 47048	QC		1	<1	6	23	<0.3	1957	95	763	4.27	11	<2	<2	3	0.7	<3	<3	7	0.22	0.001
Reference Materials																					
STD DS8	Standard		13	102	102	301	1.5	37	6	565	2.28	25	<2	6	58	2.5	5	4	39	0.63	0.076
STD OREAS45CA	Standard		3	466	17	55	<0.3	222	84	862	14.95	2	<2	6	14	1.3	<3	<3	195	0.40	0.037
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	0.107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	0.043	7	15	0.1	0.13	0.19	215	0.4265	0.0385
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<1	4	<3	42	<0.3	2	3	502	1.70	<2	<2	4	52	<0.5	<3	<3	33	0.40	0.071
G1	Prep Blank	<0.01	<1	6	8	48	<0.3	3	3	536	1.81	<2	<2	5	51	<0.5	<3	<3	35	0.45	0.077

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Project: Record Ridge South Magnesium
Report Date: October 05, 2011

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
REP 47048	QC	1	216	22.15	<1	<0.001	<20	0.06	<0.01	<0.01	<2	0.05	<5	<5
Core Reject Duplicates														
47048	Drill Core	1	215	21.84	<1	<0.001	<20	0.06	<0.01	<0.01	<2	0.05	<5	<5
DUP 47048	QC	1	221	22.32	<1	<0.001	<20	0.06	<0.01	<0.01	<2	0.05	<5	<5
Reference Materials														
STD DS8	Standard	12	112	0.56	271	0.096	<20	0.82	0.08	0.38	3	0.16	<5	<5
STD OREAS45CA	Standard	15	657	0.13	147	0.117	<20	3.26	<0.01	0.06	<2	<0.05	42	<5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.1679	2.3	4.7
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5
Prep Wash														
G1	Prep Blank	8	4	0.47	146	0.106	<20	0.83	0.06	0.44	<2	<0.05	<5	<5
G1	Prep Blank	9	5	0.50	157	0.113	<20	0.86	0.06	0.47	<2	<0.05	<5	<5

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Submitted By:	Frank Marasco
Receiving Lab:	Canada-Vancouver
Received:	September 27, 2011
Report Date:	October 15, 2011
Page:	1 of 2

CLIENT JOB INFORMATION

Project:	Record Ridge South Magnesium
Shipment ID:	
P.O. Number	
Number of Samples:	20

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	20	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1D01	20	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: WHY Resources
P.O. Box 68121
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Canada

CC: Hun Kim
Cory Peck

BRITISH COLUMBIA CERTIFIED ASSAYER
C. Leong
CLARENCE LEONG
GENERAL MANAGER

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Project: Record Ridge South Magnesium
Report Date: October 15, 2011

Method		WGHT	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001
47061	Drill Core	5.96	<1	4	<3	24	<0.3	2029	103	796	3.79	13	<2	<2	2	<0.5	<3	<3	8	0.07	<0.001
47062	Drill Core	4.85	<1	12	<3	12	<0.3	2069	108	770	4.22	19	<2	<2	3	<0.5	<3	<3	9	0.11	<0.001
47063	Drill Core	5.41	<1	<1	<3	11	<0.3	2036	108	728	4.05	21	<2	<2	14	<0.5	<3	<3	9	0.37	<0.001
47064	Drill Core	5.63	<1	<1	<3	14	<0.3	2228	110	821	4.16	11	<2	<2	2	<0.5	<3	<3	10	0.10	<0.001
47065	Drill Core	4.96	<1	<1	<3	18	<0.3	2320	121	937	4.67	10	3	<2	10	<0.5	<3	<3	7	0.21	<0.001
47066	Drill Core	5.66	<1	3	<3	27	<0.3	2329	123	916	4.83	<2	<2	<2	61	<0.5	<3	<3	12	0.18	<0.001
47067	Drill Core	4.77	<1	13	<3	21	<0.3	1938	103	782	4.23	12	<2	<2	23	<0.5	<3	<3	9	1.08	<0.001
47068	Drill Core	5.67	<1	2	<3	13	<0.3	2244	112	797	4.67	10	<2	<2	4	<0.5	<3	<3	11	0.20	<0.001
47069	Drill Core	5.08	<1	7	<3	18	<0.3	2324	120	1123	4.83	10	<2	<2	33	<0.5	<3	<3	8	0.38	<0.001
47070	Drill Core	4.79	<1	<1	<3	13	<0.3	1875	107	736	4.12	23	<2	<2	42	<0.5	<3	<3	10	0.29	<0.001
47071	Drill Core	5.70	<1	<1	<3	11	<0.3	2031	102	781	4.14	5	<2	<2	28	<0.5	<3	<3	13	0.60	<0.001
47072	Drill Core	4.63	<1	20	9	38	<0.3	233	17	679	3.73	<2	<2	10	98	<0.5	<3	<3	90	1.62	0.232
47073	Drill Core	1.46	<1	5	<3	35	<0.3	2253	113	911	4.51	14	<2	<2	3	<0.5	<3	<3	25	0.03	0.005
47074	Drill Core	4.80	<1	4	5	14	<0.3	2145	109	728	4.30	10	<2	<2	4	<0.5	<3	<3	9	0.28	<0.001
47075	Drill Core	4.73	<1	<1	<3	22	<0.3	2171	106	815	4.06	11	2	<2	11	<0.5	<3	<3	11	0.64	<0.001
47076	Drill Core	5.40	<1	<1	<3	16	<0.3	2067	106	708	4.16	19	<2	<2	6	<0.5	<3	<3	9	0.11	<0.001
47077	Drill Core	4.83	<1	9	8	75	<0.3	22	11	755	3.16	<2	<2	<2	38	<0.5	<3	<3	82	0.32	0.064
47078	Drill Core	4.88	2	8	<3	21	0.4	1697	91	726	4.22	10	<2	<2	37	<0.5	<3	<3	37	0.30	0.021
47079	Drill Core	5.07	<1	<1	<3	20	<0.3	2281	114	793	4.49	9	2	<2	2	<0.5	<3	<3	5	0.06	<0.001
47080	Drill Core	4.76	<1	1	<3	13	<0.3	2053	109	696	3.64	10	2	<2	7	<0.5	<3	<3	6	0.44	<0.001

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Project: Record Ridge South Magnesium
Report Date: October 15, 2011

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
47061	Drill Core	2	673	21.50	<1	0.001	51	0.06	<0.01	<0.01	<2	0.07	<5	<5
47062	Drill Core	2	501	21.45	<1	0.001	52	0.05	<0.01	<0.01	<2	0.08	<5	6
47063	Drill Core	2	550	21.60	<1	0.001	49	0.05	<0.01	<0.01	<2	0.06	<5	<5
47064	Drill Core	2	659	22.85	<1	0.001	49	0.05	<0.01	<0.01	<2	<0.05	<5	<5
47065	Drill Core	2	382	23.28	<1	<0.001	55	0.05	<0.01	<0.01	<2	0.07	<5	<5
47066	Drill Core	2	753	23.41	<1	0.001	28	0.06	<0.01	<0.01	<2	<0.05	6	5
47067	Drill Core	2	693	17.91	<1	0.001	61	0.06	<0.01	<0.01	<2	0.10	<5	<5
47068	Drill Core	2	367	22.42	<1	0.001	36	0.06	<0.01	<0.01	<2	0.06	6	<5
47069	Drill Core	2	559	22.53	<1	<0.001	45	0.04	<0.01	<0.01	<2	0.12	<5	<5
47070	Drill Core	2	544	21.74	<1	<0.001	56	0.05	<0.01	<0.01	<2	0.08	6	5
47071	Drill Core	2	584	19.80	<1	0.002	23	0.12	<0.01	<0.01	<2	0.07	5	<5
47072	Drill Core	57	118	3.54	505	0.259	<20	1.30	0.11	0.92	<2	<0.05	<5	10
47073	Drill Core	2	489	20.93	38	0.006	43	0.25	<0.01	0.03	<2	<0.05	<5	5
47074	Drill Core	2	479	21.20	<1	<0.001	23	0.08	<0.01	<0.01	<2	0.09	5	<5
47075	Drill Core	2	288	21.32	<1	0.001	29	0.14	<0.01	<0.01	<2	0.07	6	<5
47076	Drill Core	2	384	20.92	2	<0.001	21	0.09	<0.01	0.05	<2	0.06	6	<5
47077	Drill Core	5	31	2.47	140	0.070	<20	2.89	0.08	0.65	<2	<0.05	8	12
47078	Drill Core	3	279	16.24	39	0.014	29	1.54	0.02	0.04	<2	0.09	5	6
47079	Drill Core	2	199	22.98	<1	<0.001	33	0.06	<0.01	0.03	<2	0.07	<5	<5
47080	Drill Core	2	763	22.57	<1	<0.001	54	0.06	<0.01	<0.01	<2	0.09	<5	<5

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	Method	WGHT	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001
Core Reject Duplicates																					
47069	Drill Core	5.08	<1	7	<3	18	<0.3	2324	120	1123	4.83	10	<2	<2	33	<0.5	<3	<3	8	0.38	<0.001
DUP 47069	QC		<1	8	<3	17	<0.3	2299	117	1127	4.74	10	2	<2	34	<0.5	<3	<3	8	0.41	<0.001
Reference Materials																					
STD DS8	Standard		14	108	112	323	1.7	41	5	644	2.56	22	<2	8	67	2.3	4	8	46	0.72	0.083
STD OREAS45CA	Standard		2	509	18	61	<0.3	260	93	907	15.42	<2	<2	6	15	<0.5	<3	<3	217	0.41	0.040
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	0.107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	0.043	7	15	0.1	0.13	0.19	215	0.4265	0.0385
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<1	2	<3	51	<0.3	3	1	604	2.13	<2	<2	7	74	<0.5	<3	<3	42	0.57	0.081
G1	Prep Blank	<0.01	<1	2	3	50	<0.3	3	1	606	2.14	<2	<2	7	73	<0.5	<3	<3	42	0.58	0.080

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **WHY Resources**
P.O. Box 68121
Calgary AB T3G 3N8 Canada

Project: Record Ridge South Magnesium
Report Date: October 15, 2011

		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5
Core Reject Duplicates														
47069	Drill Core	2	559	22.53	<1	<0.001	45	0.04	<0.01	<0.01	<2	0.12	<5	<5
DUP 47069	QC	2	538	22.22	<1	<0.001	44	0.04	<0.01	<0.01	<2	0.13	<5	<5
Reference Materials														
STD DS8	Standard	15	127	0.62	307	0.116	<20	0.95	0.09	0.43	3	0.17	<5	8
STD OREAS45CA	Standard	17	740	0.14	153	0.139	<20	3.75	<0.01	0.08	<2	<0.05	46	14
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.1679	2.3	4.7
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5
Prep Wash														
G1	Prep Blank	15	4	0.53	169	0.134	<20	1.02	0.11	0.51	<2	<0.05	<5	6
G1	Prep Blank	14	7	0.55	175	0.134	<20	1.06	0.11	0.52	<2	<0.05	<5	8

Certificate of Analysis

Work Order: VC111656

To: **Hum Kim**
Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

Date: Nov 16, 2011

P.O. No.	:	PO:VAN11004581
Project No.	:	-
No. Of Samples	:	46
Date Submitted	:	Oct 25, 2011
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
Store:

Certified By :

Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
PRP/BLK (1-23)-1	8.62	<30	1140	5	2.5	<10	20	<10	<10	2.42
PRP/BLK (2-23)-2	8.70	<30	1080	<5	2.5	<10	20	<10	<10	2.43
47041	6.35	<30	1630	5	3.5	<10	870	40	30	4.75
47042	0.15	<30	<10	<5	0.5	<10	3300	120	40	5.76
47043	0.15	<30	<10	<5	0.1	<10	2730	110	<10	5.58
47044	0.10	<30	<10	<5	<0.1	<10	3030	120	<10	5.80
47045	0.28	<30	<10	<5	1.6	<10	3010	120	<10	5.41
47046	0.14	<30	<10	<5	0.4	<10	2980	120	30	5.96
47047	0.18	<30	<10	<5	0.9	<10	3170	110	<10	5.23
47048	0.16	<30	<10	<5	0.7	<10	2620	120	<10	5.51
47048 QC	0.17	<30	<10	<5	0.7	<10	2720	110	<10	5.56
47049	0.14	<30	<10	<5	0.2	<10	2850	120	<10	5.70
47050	0.15	<30	20	<5	0.4	<10	3600	110	50	5.69
47051	8.33	<30	1900	7	2.3	<10	120	20	20	4.23
47052	8.81	<30	600	<5	1.5	<10	50	20	<10	3.28
47053	0.22	<30	<10	<5	0.2	<10	7500	120	30	5.59
47054	0.13	<30	<10	<5	0.2	<10	2640	110	<10	5.16
47055	0.13	<30	<10	<5	<0.1	<10	2800	110	<10	5.11
47056	0.17	<30	<10	<5	0.3	<10	2880	120	30	5.64
47057	0.26	<30	20	<5	0.4	<10	2670	110	<10	5.41
47058	0.92	<30	<10	<5	1.0	<10	2820	100	20	5.38
47059	0.10	<30	<10	<5	0.6	<10	2690	110	<10	5.08
47060	0.07	<30	<10	<5	0.7	<10	2150	100	40	5.62
PRP/BLK (1-23)-1	8.85	<30	1000	<5	2.6	<10	20	<10	40	2.38
PRP/BLK (2-23)-2	8.57	<30	1070	<5	2.5	<10	20	<10	<10	2.45
47061	0.14	<30	<10	<5	<0.1	<10	3060	110	<10	5.13
47062	0.13	<30	<10	<5	0.1	<10	2780	120	10	5.53
47063	0.11	<30	<10	<5	0.5	<10	3000	110	<10	5.51
47064	0.15	<30	<10	<5	0.1	<10	3080	120	<10	5.68
47065	0.12	<30	<10	<5	0.3	<10	2830	120	<10	5.88
47066	0.16	<30	<10	<5	0.2	<10	3550	130	<10	5.89
47067	0.12	<30	<10	<5	2.6	<10	2850	110	20	5.41
47068	0.22	<30	<10	<5	0.3	<10	2760	110	<10	5.84
47069	0.12	<30	<10	<5	0.4	<10	3330	120	<10	5.98
47069 QC	0.13	<30	<10	<5	0.5	<10	3650	120	60	5.99
47070	0.14	<30	<10	<5	0.3	<10	3030	110	<10	5.36
47071	0.25	<30	<10	<5	1.7	<10	2870	110	<10	5.49
47072	7.56	<30	1800	7	3.1	<10	350	30	10	4.42
47073	0.43	<30	50	<5	0.3	<10	2770	110	10	5.70
47074	0.18	<30	<10	<5	1.0	<10	2920	110	<10	5.61
47075	0.22	<30	<10	<5	0.9	<10	2740	110	20	5.02
47076	0.19	<30	<10	<5	0.1	<10	2980	110	60	5.48
47077	8.97	<30	630	<5	1.0	<10	50	10	50	3.53

Final : VC111656 Order: PO:VAN11004581

Element	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu	Fe
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10	10	0.01
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
47078	2.21	<30	40	<5	0.9	<10	3060	110	60	5.72
47079	0.11	<30	<10	<5	<0.1	<10	2560	120	<10	5.44
47080	0.09	<30	<10	<5	0.5	<10	2740	110	<10	5.37

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
PRP/BLK (1-23)-1	3.2	40	40	0.61	870	<10	<10	0.09	20	<50
PRP/BLK (2-23)-2	3.2	40	40	0.64	900	<10	<10	0.09	20	<50
47041	3.2	40	30	9.22	1110	<10	540	0.21	30	<50
47042	<0.1	<10	<10	23.9	950	<10	2360	<0.01	<20	<50
47043	<0.1	<10	<10	24.0	1020	<10	2310	<0.01	<20	<50
47044	<0.1	<10	<10	24.0	870	<10	2460	<0.01	<20	<50
47045	<0.1	<10	<10	20.7	1140	<10	2220	<0.01	<20	<50
47046	<0.1	<10	<10	23.0	1080	<10	2300	<0.01	<20	<50
47047	<0.1	<10	<10	21.8	980	<10	1920	0.01	<20	<50
47048	<0.1	<10	<10	23.6	1090	<10	2270	<0.01	<20	<50
47048 QC	0.1	<10	<10	23.5	1070	<10	2210	<0.01	<20	<50
47049	<0.1	<10	<10	23.9	1050	<10	2270	<0.01	<20	<50
47050	<0.1	<10	<10	22.3	900	<10	2150	<0.01	<20	<50
47051	4.0	100	30	2.63	890	<10	50	0.24	<20	<50
47052	2.0	<10	30	2.60	1530	<10	30	0.07	50	<50
47053	<0.1	<10	<10	22.0	1050	<10	2250	<0.01	<20	<50
47054	0.1	<10	<10	23.6	920	<10	2230	<0.01	<20	<50
47055	0.1	<10	<10	23.3	840	<10	2070	<0.01	<20	<50
47056	0.1	<10	<10	22.2	1180	<10	2250	<0.01	<20	<50
47057	0.2	<10	<10	22.7	900	<10	2300	<0.01	<20	<50
47058	0.1	<10	<10	21.9	1100	<10	1940	0.01	<20	<50
47059	0.2	<10	<10	22.6	1240	<10	2110	<0.01	30	<50
47060	0.1	<10	<10	22.1	1090	<10	2160	<0.01	<20	<50
PRP/BLK (1-23)-1	3.2	30	40	0.63	820	<10	<10	0.08	90	<50
PRP/BLK (2-23)-2	3.2	30	40	0.61	840	<10	10	0.08	20	<50
47061	0.2	<10	<10	23.4	1040	<10	2200	<0.01	<20	<50
47062	0.1	<10	<10	23.6	1000	<10	2250	<0.01	<20	<50
47063	0.2	<10	<10	23.1	970	<10	2260	<0.01	<20	<50
47064	0.2	<10	<10	25.6	1080	<10	2500	<0.01	<20	<50
47065	0.1	<10	<10	24.4	1130	<10	2420	0.01	90	<50
47066	0.1	<10	<10	24.5	1170	<10	2440	<0.01	<20	<50
47067	0.1	<10	<10	20.9	1100	<10	2120	<0.01	<20	<50
47068	0.2	<10	<10	25.6	990	<10	2360	<0.01	<20	<50
47069	0.1	<10	<10	24.0	1330	<10	2370	<0.01	<20	<50
47069 QC	0.1	<10	<10	24.1	1370	<10	2350	<0.01	20	<50
47070	0.1	<10	<10	23.2	980	<10	2020	<0.01	20	<50
47071	0.1	<10	<10	21.5	1040	<10	2210	<0.01	<20	<50
47072	3.8	90	20	3.79	1030	<10	250	0.22	30	<50
47073	0.2	<10	<10	21.0	1190	<10	2330	0.01	50	<50
47074	0.1	<10	<10	22.6	1000	<10	2230	<0.01	130	<50
47075	<0.1	<10	<10	22.5	1050	<10	2190	<0.01	<20	<50
47076	0.1	<10	<10	24.0	920	<10	2090	<0.01	<20	<50
47077	1.5	<10	40	2.66	1050	<10	30	0.07	110	<50

Element	K	La	Li	Mg	Mn	Mo	Ni	P	Pb	Sb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.1	10	10	0.01	10	10	10	0.01	20	50
Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
47078	<0.1	<10	20	20.4	1190	<10	2030	0.03	<20	<50
47079	<0.1	<10	<10	23.5	1030	<10	2330	<0.01	<20	<50
47080	<0.1	<10	<10	23.0	890	<10	2140	<0.01	<20	<50

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
PRP/BLK (1-23)-1	<5	>25	66.1	<50	830	0.23	40	<50	16	40
PRP/BLK (2-23)-2	<5	>25	63.3	<50	820	0.25	50	<50	17	50
47041	11	22.1	47.2	<50	910	0.43	110	<50	12	80
47042	<5	17.7	37.8	<50	40	<0.01	10	<50	<5	50
47043	<5	17.5	37.3	<50	10	<0.01	<10	<50	<5	80
47044	<5	16.5	35.2	<50	<10	<0.01	<10	<50	<5	60
47045	<5	16.7	35.8	<50	90	<0.01	10	<50	<5	80
47046	<5	17.0	36.4	<50	50	<0.01	10	<50	<5	70
47047	<5	17.0	36.5	<50	170	<0.01	10	<50	<5	60
47048	<5	16.2	34.6	<50	<10	<0.01	<10	<50	<5	80
47048 QC	<5	17.3	37.0	<50	10	<0.01	<10	<50	<5	80
47049	<5	15.7	33.6	<50	<10	<0.01	<10	<50	<5	40
47050	<5	19.5	41.6	<50	70	<0.01	<10	<50	<5	50
47051	9	>25	54.5	<50	1280	0.47	100	<50	19	60
47052	9	>25	60.9	<50	360	0.25	80	<50	9	110
47053	<5	16.3	34.8	<50	10	<0.01	20	<50	<5	80
47054	<5	16.6	35.5	<50	10	<0.01	<10	<50	<5	70
47055	<5	17.2	36.9	<50	10	<0.01	<10	<50	<5	40
47056	5	17.3	37.0	<50	20	<0.01	<10	<50	<5	70
47057	<5	17.6	37.7	<50	30	<0.01	<10	<50	<5	40
47058	7	16.3	34.8	<50	50	0.06	40	<50	<5	50
47059	<5	16.9	36.2	<50	40	<0.01	<10	<50	<5	130
47060	<5	17.9	38.3	<50	50	<0.01	<10	<50	<5	60
PRP/BLK (1-23)-1	<5	>25	64.3	<50	840	0.24	50	<50	15	50
PRP/BLK (2-23)-2	<5	>25	66.1	<50	830	0.24	50	<50	15	50
47061	<5	15.5	33.1	<50	<10	<0.01	<10	<50	<5	60
47062	<5	16.7	35.6	<50	<10	<0.01	<10	<50	<5	40
47063	<5	16.1	34.5	<50	20	<0.01	<10	<50	<5	40
47064	<5	17.4	37.2	<50	<10	<0.01	<10	<50	<5	50
47065	<5	16.7	35.8	<50	20	<0.01	<10	<50	<5	50
47066	<5	18.4	39.3	<50	70	<0.01	10	<50	<5	80
47067	<5	18.3	39.1	<50	60	<0.01	<10	<50	<5	70
47068	5	19.1	40.9	<50	<10	<0.01	10	<50	<5	40
47069	<5	17.5	37.4	<50	40	<0.01	<10	<50	<5	60
47069 QC	<5	17.7	37.9	<50	40	<0.01	<10	<50	<5	70
47070	<5	15.7	33.6	<50	50	<0.01	10	<50	<5	50
47071	<5	16.7	35.8	<50	60	<0.01	20	<50	<5	40
47072	9	>25	55.4	<50	1210	0.44	100	<50	17	60
47073	<5	18.8	40.2	<50	20	0.02	20	<50	<5	90
47074	<5	17.9	38.2	<50	20	<0.01	<10	<50	<5	60
47075	<5	17.1	36.6	<50	20	<0.01	10	<50	<5	70
47076	5	17.4	37.3	<50	10	<0.01	<10	<50	<5	50
47077	10	>25	61.4	<50	280	0.26	90	<50	9	70

Final : VC111656 Order: PO:VAN11004581

Element	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y	Zn
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	5	0.01	0.01	50	10	0.01	10	50	5	10
Units	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm
47078	6	19.0	40.7	<50	60	0.09	50	<50	<5	70
47079	<5	16.6	35.5	<50	<10	<0.01	<10	<50	<5	60
47080	<5	16.5	35.3	<50	10	<0.01	<10	<50	<5	40

Certificate of Analysis

Work Order: VC111657

To: **Hum Kim** Date: Nov 16, 2011

Geologist
WEST HIGH YIELD RESOURCES
PO BOX 68121
CALGARY AB T3G 3N8

P.O. No.	:	PO:
Project No.	:	-
No. Of Samples	:	24
Date Submitted	:	Oct 25, 2011
Report Comprises	:	Pages 1 to 5 (Inclusive of Cover Sheet)

Distribution of unused material:
Store:

Certified By : ______________________
Albert Hung
Senior Chemist & Coordinator

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	WtKg	Al	As	Ba	Be	Ca	Cd	Cr	Co	Cu
Method	WGH79	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.001	0.01	30	10	5	0.1	10	10	10	10
Units	kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
47081	5.220	0.17	<30	20	<5	0.1	<10	2400	110	<10
47082	4.730	0.14	<30	<10	<5	1.6	<10	2580	100	<10
47083	5.265	0.11	<30	<10	<5	1.7	<10	2430	100	<10
47084	4.405	0.18	<30	<10	<5	<0.1	<10	2610	110	<10
47085	5.120	1.95	<30	30	<5	1.7	<10	2420	100	40
47086	5.075	0.14	<30	<10	<5	0.2	<10	2570	110	<10
47087	4.915	1.03	<30	<10	<5	3.3	<10	2500	90	20
47088	4.495	0.10	<30	<10	<5	<0.1	<10	2900	110	<10
47089	5.845	0.78	<30	150	<5	1.0	<10	2540	100	<10
47090	5.880	0.17	<30	<10	<5	0.3	<10	3880	130	<10
47091	5.145	0.14	<30	<10	<5	0.4	<10	2220	90	20
47092	4.495	0.15	<30	<10	<5	0.4	<10	2860	110	<10
47093	3.315	0.12	<30	<10	<5	0.4	<10	2370	120	20
47094	5.570	0.13	<30	<10	<5	1.8	<10	2590	110	<10
47095	5.575	0.17	<30	<10	<5	0.4	<10	2960	120	<10
47096	5.015	0.14	<30	<10	<5	1.3	<10	2960	110	10
47097	4.785	0.15	<30	<10	<5	0.3	<10	2470	110	<10
47098	4.965	0.14	<30	<10	<5	0.2	<10	3210	110	<10
47099	4.850	0.09	<30	<10	<5	0.2	<10	2570	110	<10
47100	4.760	6.43	<30	1290	<5	4.5	<10	580	40	30
47101	6.480	6.75	<30	540	<5	5.0	<10	660	60	20
47102	4.960	0.46	<30	<10	<5	1.4	<10	2670	110	<10
47103	4.915	0.20	<30	<10	<5	0.6	<10	2930	110	<10
47104	5.575	8.62	<30	450	<5	4.7	<10	90	40	10

SGS

Final : VC111657 Order: PO:

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	Pb
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	0.01	0.1	10	10	0.01	10	10	10	0.01	20
Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
47081	5.00	<0.1	<10	<10	23.3	940	<10	2060	<0.01	<20
47082	4.87	<0.1	<10	<10	21.2	890	<10	2070	<0.01	<20
47083	4.96	<0.1	<10	<10	21.0	1010	<10	1980	<0.01	<20
47084	5.03	<0.1	<10	<10	22.6	810	<10	2170	<0.01	<20
47085	5.84	<0.1	<10	10	18.8	1280	<10	1930	0.02	<20
47086	5.30	<0.1	<10	<10	22.2	760	<10	1960	<0.01	<20
47087	4.95	<0.1	<10	20	18.3	1250	<10	1790	0.01	<20
47088	5.29	<0.1	<10	<10	23.0	990	<10	2190	<0.01	<20
47089	5.21	0.2	<10	<10	19.8	880	<10	2100	0.02	<20
47090	6.28	0.1	<10	<10	26.6	1080	<10	2300	<0.01	<20
47091	4.55	<0.1	<10	<10	20.4	940	<10	1910	<0.01	70
47092	5.36	<0.1	<10	<10	22.8	1110	<10	2240	<0.01	<20
47093	6.37	<0.1	<10	<10	21.9	1110	<10	2180	<0.01	170
47094	5.24	<0.1	<10	<10	23.0	830	<10	2010	<0.01	<20
47095	5.99	<0.1	<10	<10	24.3	980	<10	2440	<0.01	<20
47096	4.94	<0.1	<10	<10	21.1	1100	<10	2190	<0.01	<20
47097	5.01	<0.1	<10	<10	22.7	940	<10	2000	<0.01	<20
47098	5.60	<0.1	<10	<10	23.6	830	<10	2110	<0.01	<20
47099	5.55	<0.1	<10	<10	23.8	860	<10	2170	<0.01	<20
47100	5.64	2.8	70	50	5.88	1320	<10	210	0.25	<20
47101	6.24	1.4	20	30	8.64	1410	<10	430	0.08	<20
47102	5.48	<0.1	<10	<10	22.0	930	<10	2050	<0.01	<20
47103	4.97	<0.1	<10	<10	22.9	990	<10	2120	<0.01	<20
47104	6.67	2.2	<10	40	4.94	1660	<10	40	0.08	<20

Element	Sb	Sc	Si	SiO2	Sn	Sr	Ti	V	W	Y
Method	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A	@ICP90A
Det.Lim.	50	5	0.01	0.01	50	10	0.01	10	50	5
Units	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm
47081	<50	<5	16.1	34.5	<50	20	<0.01	<10	<50	<5
47082	<50	<5	16.2	34.7	<50	30	<0.01	<10	<50	<5
47083	<50	<5	16.6	35.4	<50	50	<0.01	<10	<50	<5
47084	<50	5	16.6	35.5	<50	<10	<0.01	10	<50	<5
47085	<50	10	17.5	37.5	<50	70	0.09	60	<50	<5
47086	<50	<5	16.1	34.4	<50	10	<0.01	<10	<50	<5
47087	<50	<5	17.0	36.5	<50	70	0.03	20	<50	<5
47088	<50	<5	16.8	35.9	<50	<10	<0.01	<10	<50	<5
47089	<50	<5	19.0	40.7	<50	120	0.03	20	<50	<5
47090	<50	<5	18.4	39.3	<50	10	<0.01	10	<50	<5
47091	<50	<5	21.5	45.9	<50	40	<0.01	<10	<50	<5
47092	<50	<5	16.5	35.2	<50	<10	<0.01	10	<50	<5
47093	<50	<5	15.7	33.7	<50	20	<0.01	20	<50	<5
47094	<50	<5	17.7	37.9	<50	30	<0.01	<10	<50	<5
47095	<50	<5	17.7	37.9	<50	10	<0.01	10	<50	<5
47096	<50	<5	17.4	37.2	<50	20	<0.01	10	<50	<5
47097	<50	<5	16.3	34.9	<50	50	<0.01	<10	<50	<5
47098	<50	<5	15.2	32.6	<50	20	<0.01	<10	<50	<5
47099	<50	<5	15.1	32.4	<50	20	<0.01	<10	<50	<5
47100	<50	17	22.5	48.1	<50	1300	0.50	130	<50	18
47101	<50	30	21.2	45.3	<50	550	0.36	190	<50	12
47102	<50	<5	17.4	37.2	<50	80	0.02	20	<50	<5
47103	<50	<5	15.9	33.9	<50	40	<0.01	<10	<50	<5
47104	<50	35	20.9	44.7	<50	430	0.45	280	<50	13

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Final : VC111657 Order: PO:

Element Method Det.Lim. Units	Zn @ICP90A 10 ppm
47081	40
47082	60
47083	50
47084	40
47085	80
47086	20
47087	140
47088	50
47089	40
47090	40
47091	80
47092	80
47093	230
47094	40
47095	50
47096	120
47097	40
47098	40
47099	30
47100	80
47101	80
47102	40
47103	70
47104	100