DIAMOND DRILLING & PHYSICAL WORK

Assessment Report
from the

Providence Target on the Black Bear Silver/Gold Property

Cariboo Mining Division, British Columbia

for

Barker Minerals Ltd.
8384 Toombs Drive
Prince George, B.C.
V2K 5A3

Prepared by:

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October 4, 2012

Table of Contents

List of Figures

List of Tables

Appendices

1.0 SUMMARY

Work performed in 2012 on Barker Minerals Ltd.'s main contiguous group of mineral properties was concentrated in the Providence Target in the Black Bear Project area. The 2012 program consisted of:

- 743.74 metres of diamond drilling on the Providence target
- Road upgrades – 2400 Rd- 10.0 km, Hunt Spur 4.0 km, and Providence Spur 2.4km
- Drill pad construction and access
- Reclamation – Hunt
- BB12-07 Handheld XRF Analysis study
- FC11-03 Drill Pulp XRF Study
- Snow removal 2400 Road – 10.0 km and Providence Spur 2.4 km.
- GSC Airborne interpretations

1.1 Black Bear Silver/Gold Project

During 2012 three diamond drill holes have been completed to date with BB12-06 drilled to a depth of 90.5 metres and BB12-07 to a depth of 309.14 metres and BB12-08 is at a depth of 344.1 metres. Drilling is still underway at the writing of this report as well as reclamation activities from previous trenching programs. BB12-08 is now being logged and sampled and BB12-09 is being prepared to begin. **(Figure 1 - Drill Plan Map)**

2.0 INTRODUCTION

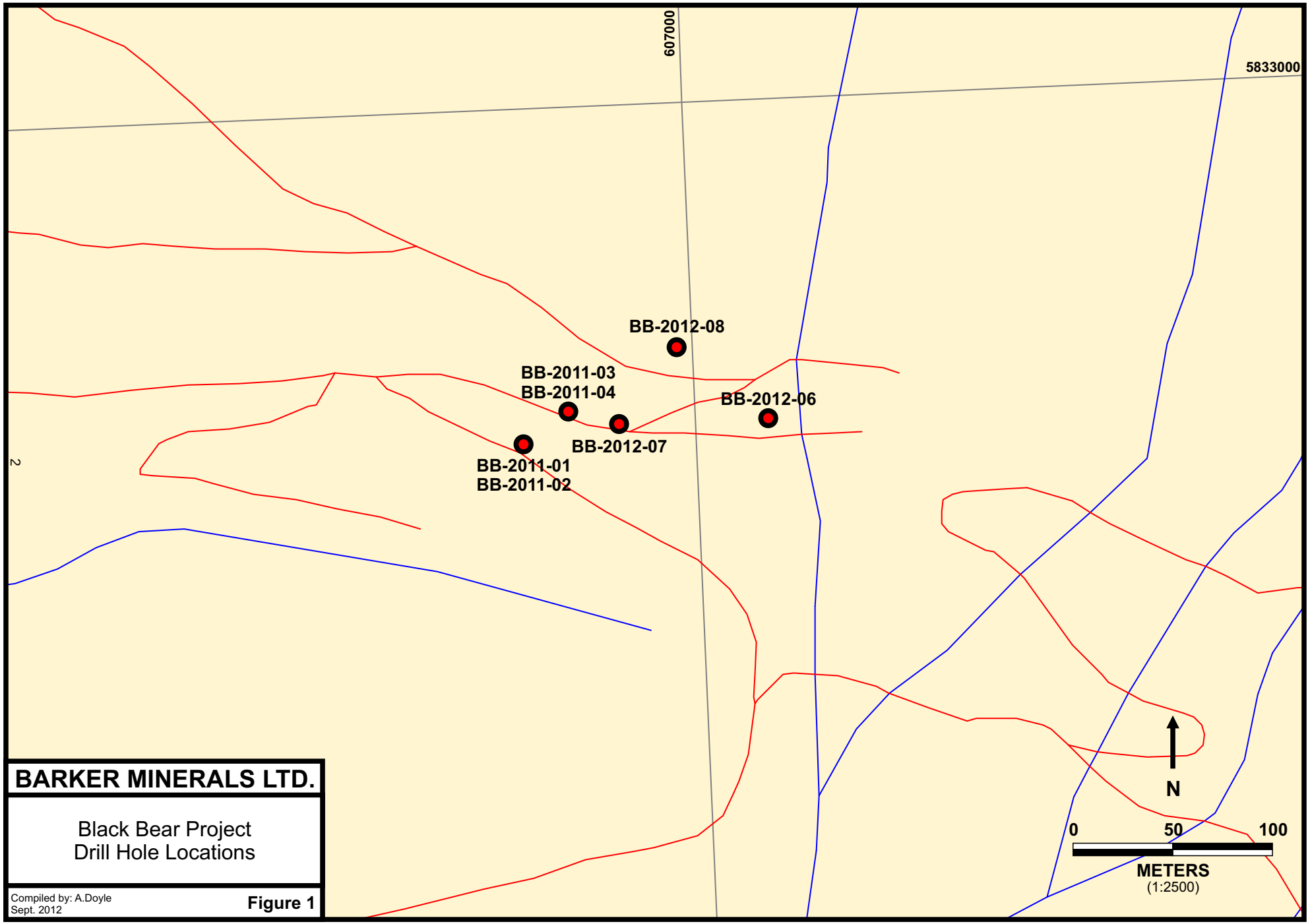
This report describes assessment work performed on Barker Minerals Ltd. mineral properties in 2012.

Diamond drilling and preparation was done between March 15 and October 1, 2012 on the Providence target on the Black Bear Project. Snow was cleared from the 2400 road in March followed by the upgrading of the existing roads and de-activated spurs. Once access was completed drill access trails and drill pad construction were conducted in advance of, and during, the drilling program. The Hunt access roads were also upgraded and several older trenches and test pits were reclaimed. **(Figure 2 – 2012 Work Activity Location Map)**

In this report chemical abbreviations are used for the elements discussed. The elements and abbreviations are:

Ag	Silver	Sb	Antimony
As	Arsenic	Zn	Zinc
Au	Gold		
Ba	Barium		
Co	Cobalt		
Cu	Copper		
Fe	Iron		
Mn	Manganese		
Pb	Lead		

Figure 1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BB-2011-02
2
N
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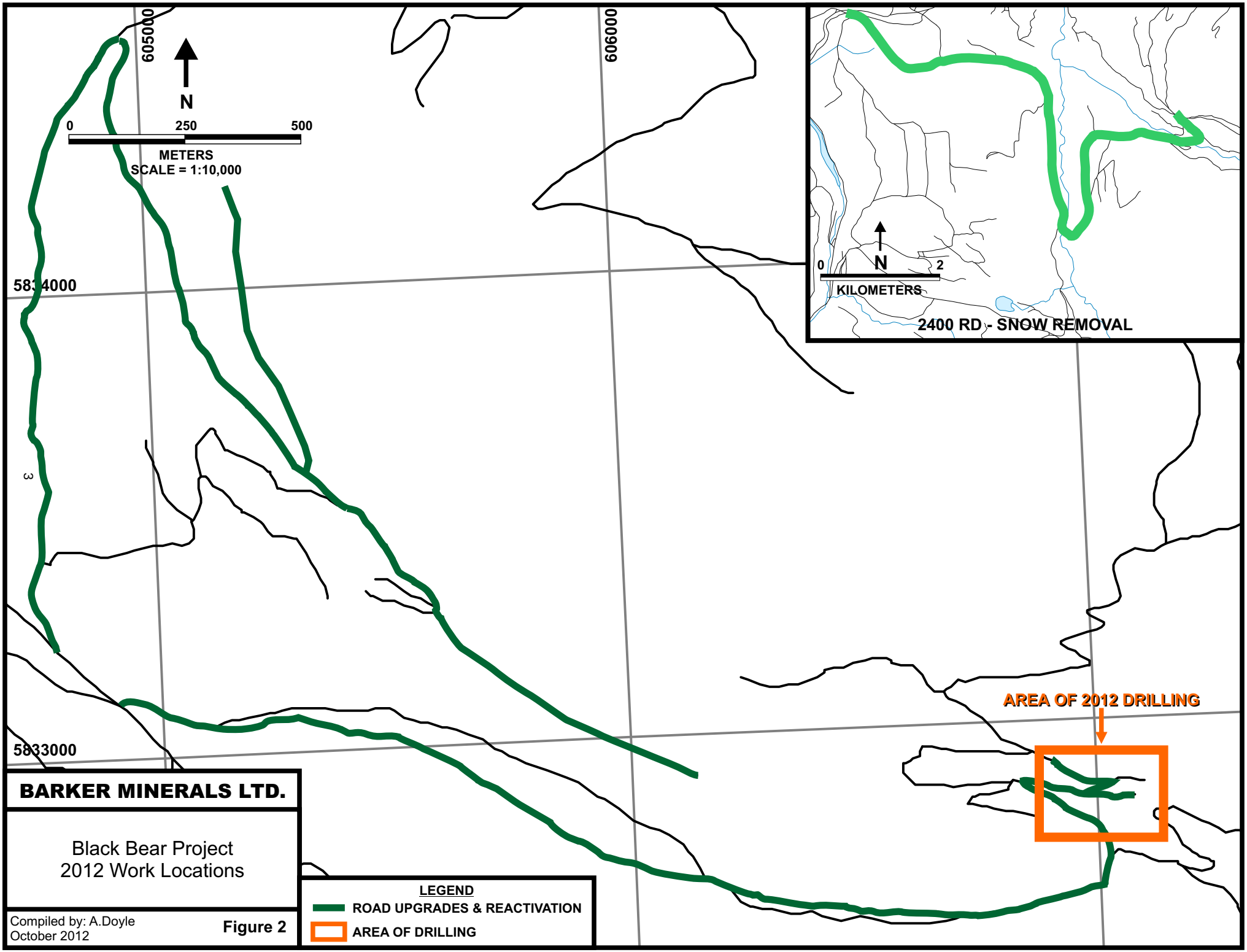
50
100
METERS
(1:2500)
BARKER MINERALS LTD.
Black Bear Project
Drill Hole Locations
Compiled by: A.Doyle
Sept. 2012
Figure 1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KILOMETERS
2400 RD - SNOW REMOVAL
AREA OF 2012 DRILLING
BARKER MINERALS LTD.
Black Bear Project
2012 Work Locations
Compiled by: A.Doyle
October 2012
Figure 2
LEGEND
ROAD UPGRADES & REACTIVATION
AREA OF DRILLING

3.0 PROPERTY DESCRIPTION and LOCATION

The Main Property's location in British Columbia is indicated in **Figure No. 3 – Main Property Location in British Columbia,** and the mineral claims are outlined in **Figure No. 4 – Barker Minerals Ltd. Mineral Claims**

The mineral claims comprising the property are located generally in the area between Quesnel and Cariboo Lakes of the Cariboo Mining Division in British Columbia and are 100% owned by Barker Minerals Ltd. of Prince George, B.C.

The Property is approximately 10 km north of the settlement of Likely and 90 km northeast the City of Williams Lake. The City of Prince George is 155 km to the north.

The geographic coordinates to the Properties are:

52.75° North Latitude and 121.36° West Longitude or
607000 E and 5833000 N UTM zone 10
The relevant maps are:
N.T.S. Map No. 93A/11 and 93A/14.

4.0 MINERAL CLAIMS

Details about the mineral claims are provided in **Appendix 1 – Barker Minerals Ltd. Mineral Claim Details.**

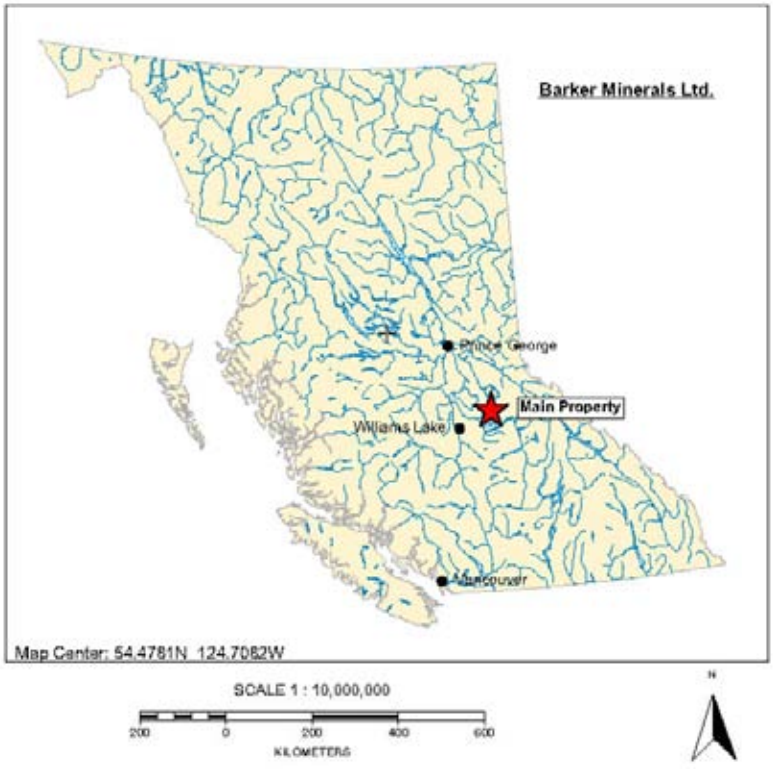

Figure No. 3 - Main Property Location in British Columbia.

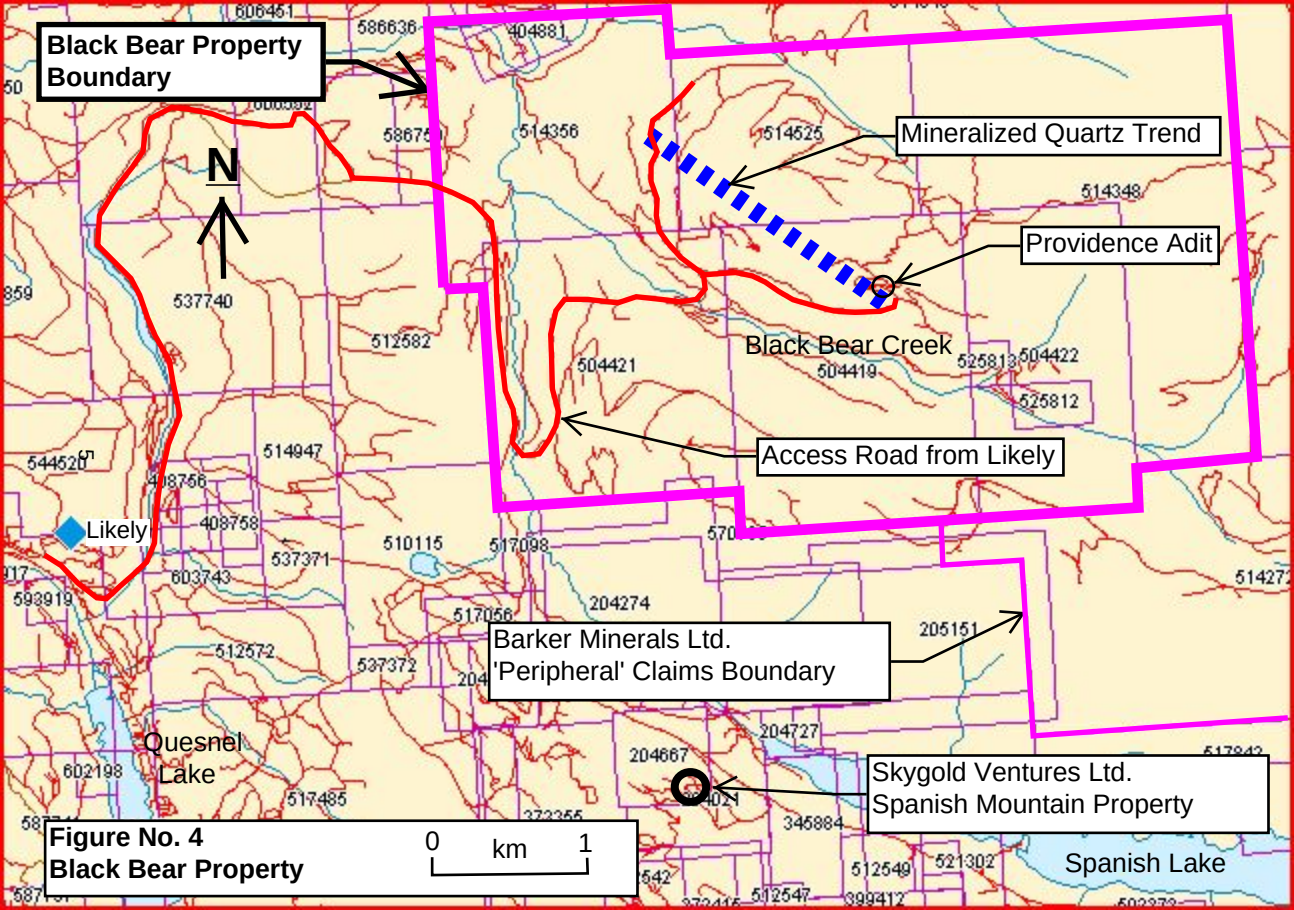

Figure No. 4
Black Bear Property

5.0 PHYSIOGRAPHY and ACCESSIBILITY

The following description in *italics*, is after McKinley, 2004:

The property is situated in the central part of the Quesnel Highland between the eastern edge of the Interior Plateau and the western foothills of the Columbia Mountains. This area contains rounded mountains that are transitional between the rolling plateaus to the west and the rugged Cariboo Mountains to the east. Pleistocene and Recent ice sheets flowed away from the high mountains to the east over these plateaus and down to the southwest

(Cariboo River), west (Little River) and northeast (Quesnel Lake), carving U-shaped valleys. The elevation ranges from 700-1650 m.

Precipitation in the region is heavy, as rain in the summer and snow in the winter. Drainage is to the west via the Cariboo, Little and Quesnel Rivers to the Fraser River. Quesnel Lake, the main scenic and topographic feature in the region, is a deep, long, forked, glacier-carved lake with an outlet at 725 m elevation. Vegetation is old-growth spruce, fir, pine, hemlock and cedar forest in all but the alpine regions of the higher mountains (mainly above 1400 m elevation). Weldwood has been actively logging fir, spruce and pine in the area.

Access to the Black Bear Project is via gravel logging roads bearing northeast from Likely. The way is: Keithley Creek road for 5 km to the 2400 logging road, go 10 km and take the right branch onto the Providence logging spur road. The drilling location is 2.4 km up the Providence spur.

6.0 HISTORY

6.1 Black Bear Project

Historical work programs done on areas presently covered by Barker Minerals' Black Bear property are briefly described below.

6.1.1 Work Done in 1926-1951

The Annual Report for 1926 for the Black Bear 1-4 claims states that 'many quartz showings', some of 'impressive size' were being handpicked of galena for the silver content. A quartz vein 'at least 50 feet wide' was identified at a falls in Black Bear Creek; from it a picked grab sample assayed 0.02 oz/T Au, 43 oz/T Ag, 40% Pb.

Another wide vein was exposed in an open cut at 3,300 foot elevation on the north side of Black Bear Creek about 2 miles up from the mouth. 10 to 15 tons of ore were taken from here in 1926; a picked grab sample assayed 0.06 oz/T Au, 144 oz/T Ag, 76% Pb. Two adits were begun in 1926; by 1947 they totaled 190 feet of crosscuts and drifts exploring 3 vein structures; the property name was Providence by this time.

In 1948 5 tons of ore sent to the Trail smelter yielded 319 oz. Ag, 3,294 lb. Pb, 12 lb. Zn. Exploration in 1976 to 1980 by successive owners included 200 soil samples, 5 diamond drill holes (355m) mainly targeting 3 quartz veins, and geological mapping.

6.1.2 Work Done in 1951-1968

R.B. Stokes (1972) states that in 1951, 7 tons of handpicked ore from the main vein yielded 1 oz. Au, 683 oz. Ag, 6,401 lb. Pb and 15 lb. Zn. In 1967-68 Plutus Mines Ltd. drove 825 feet of tunnels to explore the 3 main Ag-Pb-bearing quartz veins. Stokes states that 11 underground diamond drill holes (2,217 feet) were done in 1968 but no record of this was found in the Minister of Mines Annual Reports or Assessment Reports.

6.1.3 Work Done in 1972

The relevant report is Assessment Report 3944 by R.B. Stokes.

Work was done on the B.G. claims by D.G. Leighton on the quartz and galena showings on the north side of Black Bear Creek as had been worked since 1926. In the 1972 program 410 soil samples were collected over 3 grids. Strongly anomalous values (up to 7,500 ppm Pb and 66 ppm Ag) occurred over an extension of the main zone where the most prominent vein was traceable for 600 feet. Further soil sampling and geological mapping were recommended, to be followed up by hand and mechanical trenching.

6.1.4 Work Done in 1976

The relevant reports are Assessment Report 6048 by R. Buckley and Exploration in BC, 1977, pg. E179-180.

Work was done on the old showings in the adit area on the Like claims by DeKalb Mining Corp. Some trenching was done and samples collected from these. Five diamond drill holes (355 m) were done. The holes did not encounter significant veins. Further diamond drilling was recommended to test the known veins.

6.1.5 Work Done in 1980

The relevant report is Assessment Report 8291 by J.G. Payne.

Trenching by hand and backhoe and geological mapping were done on the Like claims by Anglo Canadian Mining Corp. in the area of the old showings and adits.

It was concluded that chip samples taken across the mineralized veins would not be representative due to the erratic occurrence of high grade pockets of argentiferous galena. Thus average values of veins are not a significant factor, whereas, the presence of veins with some galena are significant. It was determined that the mineralized quartz veins are controlled along northwest trending zones and that exploration should be along these zones from the known showings.

6.1.6 Work Done in 1981

The relevant report is Assessment Reports 8318 by D.G. Mark.

A seismic refraction survey was done for Mr. G. Smith on a placer lease at the mouth of Spanish Creek at Cariboo River. The purpose was to discover buried river channels which could contain concentrations of placer gold. Several possible channels in bedrock were outlined.

6.1.7 Work Done in 1981

The relevant report is Assessment Report 9916 by J.W. MacLeod.

Prospecting was done for Mr. W. Greyson on the NOV 1,2,3 claims in the vicinity of 2 old adits and a dam associated with placer operations, on the west side of Spanish Creek

opposite the mouth of Black Bear Creek. The exploration was for a porphyry gold type deposit. A number of quartz veins were sampled; 9 rock samples were collected. A recommendation was made for a soil sampling survey to be done.

6.1.8 Work Done in 1981

The relevant report is Assessment Report 10251 by T.A. Jones.

Canadian Nickel Company Ltd. did prospecting and reconnaissance stream sampling on the BB claim group along Spanish and Black Bear Creeks. The exploration was for gold. Ten rock, 23 stream and 7 heavy mineral stream samples were collected. Two small streams draining the north side of Black Bear Creek in the vicinity of the Providence adit had 100 ppb and 200 ppb Au. These were recommended for follow-up.

Stronger Au anomalies on Spanish and Black Bear Creeks were got from areas of historic placer workings and no recommendation was made regarding these.

6.1.9 Work Done in 1982

The relevant report is Assessment Report 10812 by J.L. Deleen.

A single diamond drill hole (71 m) was done by W. Grayson on the NOV 1,2,3 claims on the west bank of Spanish Creek near where it is joined by its tributary, Black Bear Creek. The purpose was to test the value of several quartz veins above a nearby old adit. The core contained small quartz veins, up to 20 cm. Core samples were anomalous in precious and base metals but were not considered economic. It was suggested further soil sampling would be useful but no specific work was recommended.

6.1.10 Work Done in 1983

The relevant report is Assessment Report 11773 by J.L. Deleen.

Apex Energy Corp. did soil sampling on the NOV 1, 2 & 3 claims. The exploration interest was due to small quartz veins in outcrops and a long history of small placer Au workings on Spanish and Black Bear Creeks. The soil sampling was concentrated on the west bank of Spanish Creek opposite from the confluence of Black Bear Creek from the east. 1,610 soils were collected. Six areas, variably anomalous in Au, Ag, Cu or As were identified. A percussion drilling program was recommended on 4 of these.

6.1.11 Work Done in 1983

The relevant report is Assessment Report 12566 by B. Woodsworth.

Prospecting traverses were done over the Big 2 and 3 claims by Clearbrook Mining Ltd. To assess the general geology and the prospects for quartz vein-related Au mineralization. These claims covered the upper part of Black Bear Creek east of the Providence area. Four rock samples were collected. A program of prospecting, mapping and soil sampling was recommended, to be possibly followed up by 600 m of percussion drilling in 10 holes.

6.1.12 Work Done in 1984

The relevant report is Assessment Report 13285 by G.N. Cooper.

Homestake Mineral Development Company did geochemical sampling and geological mapping on the Trump claim group. Work was concentrated on the west flank of China Mountain between Black Bear Creek and Collins Creek, northwest of the Providence area.

163 soil, 12 stream silt and 41 rock samples were collected. The purpose was to determine the prospects for galena and silver-bearing quartz veins. Four quartz veins, some described as large, containing galena were discovered.

The highest geochem results from selected grab samples were 24,953 ppm Pb and 458.4 ppm Ag. The highest results in the soils were 521 ppm Pb and 4.5 ppm Ag; these were adjacent to galena-bearing quartz veins. The highest Au in soil was 115 ppb but this could not be reproduced in a later sample from the site. Further work to determine the economic significance of the galena-bearing quartz veins was suggested but a work program was not specified.

6.1.13 Work Done in 1984

The relevant report is Assessment Report 13306 by E.R. Rockel.

Apex Energy Corp. did geophysical work at scattered locations on the NOV claim group. The work was concentrated on the west bank of Spanish Creek. 2.75 line km of IP were done, as well as 5.25 km of VLF-EM and 3.75 km of magnetics. IP, EM and magnetic anomalies were mainly attributed to various possible causes such as graphite, lithologic variations, depth of overburden and sulphide mineralization.

The limited survey did not allow specific interpretations but drilling was suggested to test locations of coincident geophysical and previous geochemical anomalies. Mechanical trenching was recommended at several locations. Additional geophysical work was suggested to follow up any encouraging sub-surface exploration.

6.1.14 Work Done in 1984-1985

The relevant report is Assessment Report 13986 by G.A. Medford.

Ranald Resources Ltd. did soil sampling and a ground magnetic survey over approximately 24 line km on the LT1 claim on the north side of China Mountain approximately 3 km northeast of the Providence adit on Black Bear Creek. Approximately 650 soil samples were collected. A strong magnetic anomaly trending 600 m north-northeasterly and open to the south, coincided with a gossanous area. Three other magnetic anomalies coincided with Pb, Zn and Ag soil anomalies. A three-phase work program was recommended. It included staking additional ground to the south, mapping, geophysics, rock and soil sampling, trenching and drilling.

6.1.15 Work Done in 1987

The relevant report is Assessment Report 17103 by S.A.S. Croft.

Malcom Resources Ltd. did geochemical and geophysical work on the east part NOV claim group. Work was concentrated on the east side of Spanish Creek and north and east sides of Black Bear Creek, and at ‘Spanish Canyon’ in Spanish Creek, just west of the mouth of Black Bear Creek.

The VLF-EM survey did not detect any conductors that coincided with anomalous geochemistry. Several weak conductor anomalies were thought to probably be related to lithologic variations. The soil sampling survey included 574 soil samples collected. Thirteen soil lines were done between Black Bear Creek to the west and the low road to the east used in 2008 to access the Providence adit area.

Four anomalies were identified including Au pathfinder elements, Ag, Pb and Zn which supported a southeast extension of an auriferous quartz vein structure from exposures in Spanish Canyon. Grab rock samples of quartz veins from trenches at Spanish Canyon had up to 0.818 oz/T Au, 4.43 oz/T Ag and 2.8% Pb; these values were translated from ICP analysis results. Economic gold values in quartz veins were strongly associated with argentiferous galena and pyrite in calc-silicate selvages.

The geological setting of the NOV claim group was considered to be similar to the Frasergold deposit 65 km to the southeast. It was suggested that exploration should be continued but no specific recommendations were made.

6.1.16 Work Done in 1988

The relevant report is Assessment Report 17751 by M. Matherly.

Prospecting was done by Mr. Matherly on the B.B. Claim in the area of the headwaters of Black Bear Creek. 47 grab rock samples were collected. A sample of quartz with galena had 2,240 ppm Pb, 152.8 ppm Ag and 50 ppb Au.

6.1.17 Work Done in 1989

The relevant report is Assessment Report 20062 by D.A. Thompson.

Work on the Otto claims by Priority Ventures Ltd. included diamond drilling of 6 holes (294 m). The property covered most of the area between Black Bear Creek and Collins Creek to the north. The drilling tested a quartz vein at least 7.6 m wide in a surface exposure. Grab samples from the vein had up to 66.5% Pb, 73.79 oz/T Ag and 0.023 oz/T Au. Soil samples taken the previous year over the vein had values up to 4,000 ppm Pb and 14.4 ppm Ag in an area described as a major Ag-Pb anomaly. The vein had a strike of 157o and could be followed for 254 m. The drill holes intersected quartz-carbonate veins in up to 12 feet widths and had frequent and extensive intersections of quartz-carbonate flooding in up to 40-foot widths. Zones with galena returned significant Ag and Pb values but no significant Au or Zn. Trenching, VLFEM and prospecting were recommended to outline the extensions of quartz veins and to determine drill hole targets.

6.1.18 Work Done in 1996

The relevant report is Assessment Report 24989 by C.A.R. Lammle.

The assessment report describes work done on the Barker Minerals' 'Peripheral' group of claims. The Black Bear property comprised a portion of the 'Peripheral' group. In 1996 the 'Peripheral' group of claims covered an approximately 30 km x 40 km area on the east side of Cariboo Lake.

The 'Peripheral' group, and later expansions of it would by 2009 also include Barker Minerals' Frank Creek massive sulphide discovery and other prospects named Ace, Simlock, Kangaroo, Cariboo, Black Stuart, Big Gulp, SCR, Sellers Creek, Unlikely, Peacock (Rollie Creek), Tasse, Upper Grain, Maud, MAG and Gerimi. Only the work done at Black Bear is discussed here.

Cursory mapping was done near the Providence adit and upper parts of Black Bear Creek. A VLF-EM and magnetic survey was done along an approximately 9.0 km long traverse along a road in the upper part of Black Bear Creek and eastward. Profiles of the data

showed anomalies but no detailed interpretation was attempted. It was recommended that anomalous areas be re-visited and checked.

6.1.19 Work Done in 1997

The relevant report is Assessment Report 25437 by J.G. Payne.

The assessment report describes work done on the Barker Minerals' 'Peripheral' group of claims. The Black Bear property comprised a portion of the 'Peripheral' group. Only the work done at Black Bear is discussed here.

Several stream sediment samples were collected in the vicinity of the Providence adit and the upper parts of Black Bear Creek. These were weakly or moderately anomalous in Au, Ag, Zn, Mo, As and Se. Sample No. R#62 had 236 ppb Au in a small stream below the Providence adit. The stream anomalies were described as a base and precious metal exploration target but no specific recommendation was made regarding these.

6.1.20 Work Done in 1998

The relevant report is Assessment Report 25904 by J.G. Payne.

The assessment report describes work done on the Barker Minerals' 'Peripheral' group of claims. The Black Bear property comprised a portion of the 'Peripheral' group. Only the work done at Black Bear is discussed here.

Reconnaissance rock sampling was done in the areas of the Providence adit and Trump showings to the NW. Grab samples of galena in quartz veins had some high values:

Sample	**Pb**	**Ag**	**Au**	**Bi**	
No.	%	oz/Ton	oz/Ton	%	**Location**
11-07-98-59	52.84	142.56	0.081	1.24	Providence adit
18-07-98-66	53.72	56.68	0.015	0.55	Trump showing
19-07-98-69	37.6	36.50	0.023	0.35	Trump showing

Several stream sediment samples were collected in the vicinity of the Providence adit. These were weakly anomalous in Au, Ag, and base metals. Detailed mapping and follow-up geochemical sampling and geophysical surveys were recommended.

6.1.21 Work Done in 1999

The relevant report is Assessment Report 26003 by J.G. Payne.

Approximately 10.0 line km of cut grid was established on the Black Bear property approximately 4.0 km SE of the Providence adit, on which prospecting and geological mapping were recommended to be done.

6.1.22 Work Done in 2000

The relevant report is Assessment Report 26504 by J.G. Payne.

A VLF-EM geophysical survey was done over the Black Bear Grid, cut the previous year. Profiles of the data did not suggest any obvious anomalies; no interpretation or recommendations were made.

6.1.23 Work Done in 2010

On the Black Bear Property 2000 metres of trenching was completed in 12 trenches of which 700 metres was reclaimed.

Most trenches successfully exposed variable amounts of fresh high grade silver galena mineralization which was sampled along strike of the Providence and Hunt veins, at various locations on the newly discovered veins and at highly altered zones adjacent to the veins. Grab samples reported up to 116 ounces per ton silver and 59% lead at the Providence target and a chip sample from the Hunt vein reported 34 oz/t silver and 37.1% lead over a 1 metre width.

The trenching was also successful in identifying important intrusive rocks with elevated concentrations of silver, bismuth and lead spatially located near the highest grade mineralization identified to date. This indicates that the mineralization may increase in grade as it gets closer to the intrusion. The high oz/t silver to the % lead ratio in the intrusive itself also supports this interpretation. It is apparent that on the Black Bear property the ratio of precious metals to the % of lead will be a very useful tool in determining the proximity of mineralization to its intrusive source.

The presence of elevated precious and base metals in the highly altered host rocks with the discovery of important similarly mineralized intrusive rocks indicates the property has potential for hosting lower grade bulk tonnage precious metal deposits and high grade bonanza style veins which are being assessed for their bulk sample potential.

6.1.24 Historic of Placer Gold on Black Bear Creek

Placer mining for gold was conducted on Black Bear Creek in the early 1900's and earlier. Some of the information below is from the Energy, Mines & Petroleum Resources (EMPR) Annual Reports for 1902, 1926, 1947, 1948, 1949 and Exploration in BC for 1976, 1977 and 1980.

Placer gold has not been discovered, or reported, on Black Bear Creek up past the drainages associated with the Providence target area. The Providence target drainages report the highest gold values from heavy mineral stream sampling which indicate a possible source of the placer gold in Black Bear Creek below. The Black Bear placer gold has been reported to be very coarse with little to no small fine gold associated which indicates a nearby source. Placer miners state the placer gold on Black Bear Creek below the Providence has a fineness of just over 800 which is indicative of electrum gold which can be associated with epithermal style gold deposits.

The Cariboo River and Black Bear drainages are important historic placer gold producers and are currently active. Placer claims owned by other operators overlap a significant portion of the Company's western mineral claim boundary near Likely and also cover most of the Black Bear GSC airborne anomaly. **(Figure 5 - Likely area Placer Gold Claim Map with BML Mineral Claims)**

Platinum Group Elements (PGE's) have been recognized in the Black Bear Creek, Cariboo River and Quesnel River drainages by historic BCGS studies. (Levson 2002) Previous research undertaken by the U.S. and Canadian Federal Governments in the 1920's (Rublee 1986) determined that the PGE's and gold in these drainages occurred as microscopic inclusions in grains of magnetite and chromite.

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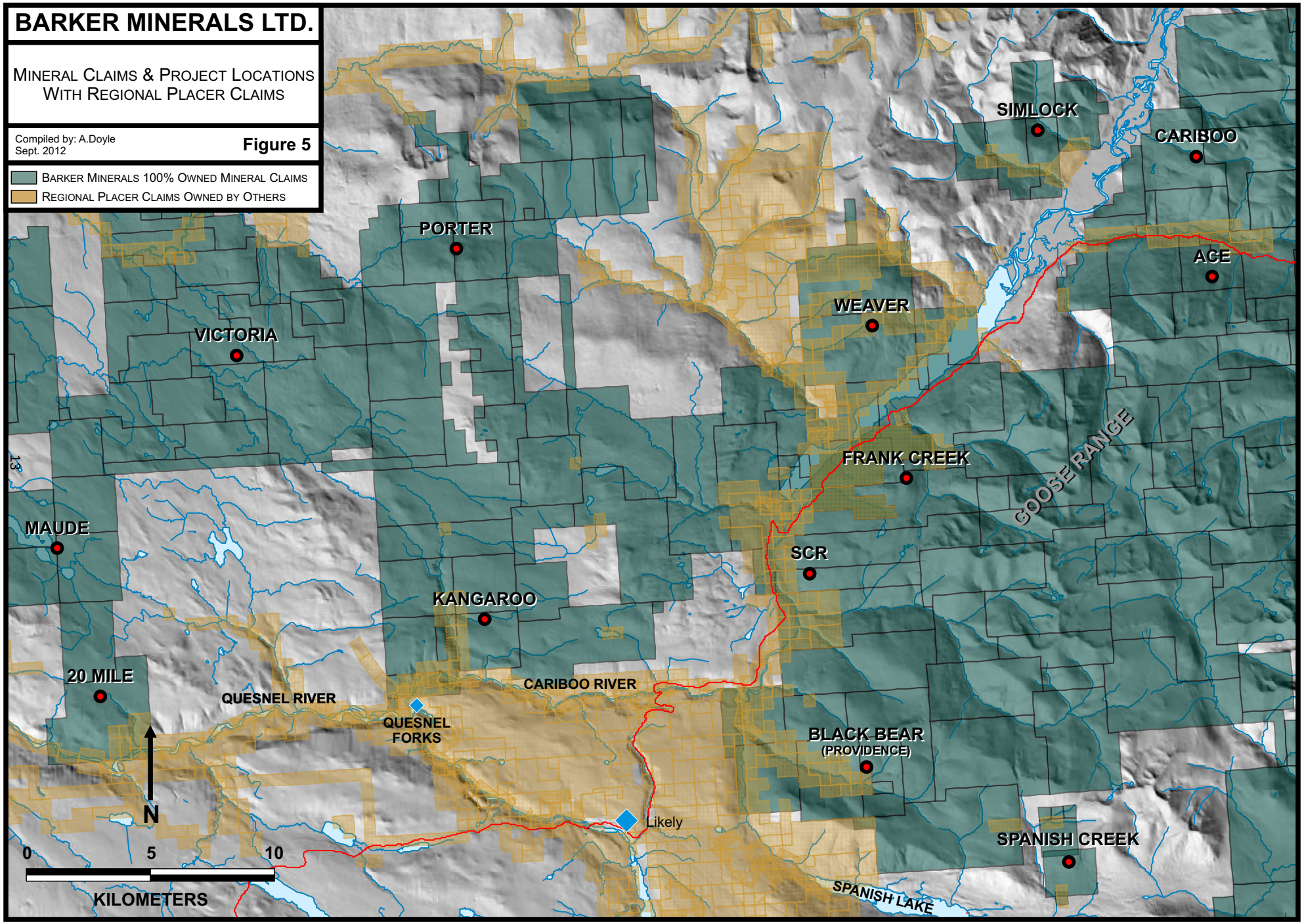
Mineral Claims & Project Locations With Regional Placer Claims

Compiled by: A.Doyle
Sept. 2012

Figure 5

Barker Minerals 100% Owned Mineral Claims
Regional Placer Claims Owned by Others



Both chromites and magnetite have been observed in the 2012 drill core and have also been identified together with platinum from heavy mineral concentrates from the historic government studies. Platinum Group Elements occur in a number of gold deposits of the Urals which are hosted in rocks similar in character and of geological age to the Black Bear area. The Government studies confirmed the presence of gold, silver, platinum and the suite of gold pathfinder minerals in the Black Bear Creek drainage immediately below the 2012 Providence drilling.

Intrusive rocks have been identified by trenching on the Black Bear property where a porphrytic felsic intrusion was exposed approximately 1 km SW from the 2012 drilling. The intrusive exposure is located stratigraphically between the current drilling and the current active placer operation on Black Bear Creek below. Intrusions of this nature can be an important driving force as a heat engine creating the hydrothermal system as well as being a host to gold mineralization which could be a possible source of metals introduced into the hydrothermal systems.

6.1.25 *GSC Airborne Geophysical Survey*

Likely Survey

The Geological Survey of Canada conducted an airborne geophysical survey (Likely survey) in 2008-2009 covering a 30 km x 150 km area oriented NW-SE between the latitudes of Quesnel and Williams Lake. A portion of this survey covered the area of the Black Bear property. The work resulted in a series of 1:50,000 scale magnetic and gamma-ray spectrometric maps, published as GSC Open Files 6157 to 6166.

The Geological Survey of Canada conducted a more detailed airborne geophysical survey over the central portion of the Likely survey. This area covered a 30 km x 50 km area mainly over the eastern half of Barker Minerals' claims. The flight lines were 200 m apart and oriented NE-SW as before. This work resulted in a series of 1:50,000 scale magnetic and conductivity maps, published as GSC Open Files 6232 to 6252.

7.0 GEOLOGY

7.1 Regional Geology

The geological descriptions below derive mainly from Struik (1988), Panteleyev et al. (1996) and Payne and Perry (2001).

During the mid-Jurassic the North American continental plate collided with a group of island arcs to the west. Regional deformation and metamorphism are related to these events.

7.1.1 Quesnel Terrane

The Late Triassic to Early Jurassic Quesnel terrane was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and volcaniclastic rocks and co-magmatic intrusions, with minor carbonate lenses and related sedimentary rocks.

The principal assemblage in the Quesnel Terrane is the Triassic-Jurassic Nicola island arc – marginal basin sequence. The underlying rocks are the Crooked amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal

basin volcanic and sedimentary rocks. Rocks of Quesnel Terrane and Crooked amphibolite are structurally coupled and tectonically emplaced by the Eureka Thrust onto the Barkerville Terrane, to the east.

Two lithostratigraphic subdivisions of the Quesnel Terrane consists of: a basal Middle to Late Triassic metasedimentary unit of dominantly black phyllitic rocks, approximately 7 km thick, and an overlying Late Triassic to Early Jurassic volcanic arc assemblage, approximately 9 km thick. The overlying volcanic rocks outline a northwesterly trending belt of subaqueous and subaerial volcanic rocks, deposited along a series of volcanic-intrusive centres that define the Quesnel island arc of predominantly alkalic basalts.

Within…the northern extension of the Quesnel Trough, the term…Takla Group has been applied to rocks identical to the Quesnel belt rocks…Equivalent rocks to the south…are generally referred to as Nicola Group…Baily (1978) pointed out the similarity of the Quesnel volcanic units with both the Nicola Group rocks to the south and the Takla Group rocks to the north…The term Takla leads to ambiguity because in northern British Columbia it has been used for rocks in both Quesnel and Stikine terranes…The usage for the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred is Nicola Group. The term Takla Group possibly should be discarded. (Panteleyev et al., (1996).

The Quesnel Trough is a well-mineralized region typical of other Late Triassic to Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets in the central Quesnel belt are alkalic intrusion-related porphyry copper-gold deposits and gold-bearing propylitic alteration zones formed in volcanic rocks peripheral to some of the intrusions. Other important targets are auriferous quartz veins in the black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, low-grade deposits. Tertiary rocks are mineralized with copper and gold. Antimony-arsenic and mercury mineralization in some apparently low temperature quartz-calcite veins indicated the potential for epithermal deposits. Placer mining for gold, said to occur together with platinum, has been of major historical and economic importance.

7.1.2 Slide Mountain Terrane

Rocks of the Devonian to Late Triassic Slide Mountain Terrane were partly obducted, partly subducted during collision of an oceanic plate with the continent. Small slices of mainly mafic volcanic rocks and ultramafic rocks of the Slide Mountain Terrane occur in and parallel to the Eureka thrust. Minor lithologies include chert, meta-siltstone and argillite.

The Crooked amphibolite, considered likely a part of the Slide Mountain Terrane, includes three major constituent rock types: greenstone, metagabbro and meta-ultramafite. North of Quesnel Lake, the map units consist of mafic metavolcanics, amphibolite, chlorite schist, serpentinite, ultramafic rocks and pillow lavas. Chemical analyses indicate subalkaline tholeiitic compositions of basalts formed on the ocean floor. If the Crooked amphibolite is a sheared and metamorphosed equivalent of the Antler Formation and is part of the Slide Mountain Terrane, it is separated from the underlying Barkerville Terrane by the Eureka thrust, a wide zone of mylonitization. The Crooked amphibolite and the overlying rocks of Quesnel Terrane are structurally coupled and emplaced tectonically onto Barkerville Terrane.

7.1.3 Barkerville Terrane

The Barkerville Terrane is made up of the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe rocks are Upper Proterozoic to Upper Devonian metasediments, considered correlative in age with Eagle Bay rocks of the Kootenay Terrane to the south. The Snowshoe rocks are dominated by varieties of grit, quartzite, pelite, limestone and volcaniclastic rocks. The stratigraphic sequence is not well understood. The region was deformed by intense, complex, in part isoclinal folding and overturning. Locally, strong shear deformation produced mylonitic textures. The Quesnel Lake gneiss is a Devonian to Mississippian intrusive unit varying in composition from diorite to granite to syenite. It is generally coarse grained, leucocratic, often with megacrysts of potassium feldspar. The main body of gneiss is 30 km long by 3 km wide and is elongated parallel to the eastern border of the Intermontane belt. Its contacts are in part concordant with, and in part perpendicular to, metamorphic layering.

The contact between the Barkerville Terrane and Cariboo Terrane to the east is the Pleasant Valley Thrust. The Barkerville and Cariboo Terranes were juxtaposed prior to emplacement of the Slide Mountain Terrane which was thrust over both of them. The northeastern third of the Barkerville Terrane is the main zone of economic interest in the Cariboo district. Struik described it as “gold-enriched”, because it contains the historic Wells and Barkerville mines and the Cariboo Hudson deposit, approximately 40 km and 20 km northwest of the project area, respectively.

7.1.4 Cariboo Terrane

The northeastern part of Barker Minerals’ ‘Peripheral’ claim group is underlain by Precambrian to Permo-Triassic marine peri-cratonic sedimentary strata of the Cariboo terrane. The Cariboo Terrane consists mainly of limestone and dolomite with lesser siliceous, clastic, sedimentary rocks and argillite. Some geologists believe that the Cariboo Terrane is a shallow, near-shore facies and the Barkerville is a deeper, offshore facies of the same erosion-deposition system. No rifting is suspected between the Cariboo Terrane and the North American continent, in contrast to that between the Barkerville Terrane and the North American continent. Lithologies within the Cariboo Terrane correlate well with parts of the Cassiar Platform and Selwyn Basin of Yukon and northern British Columbia.

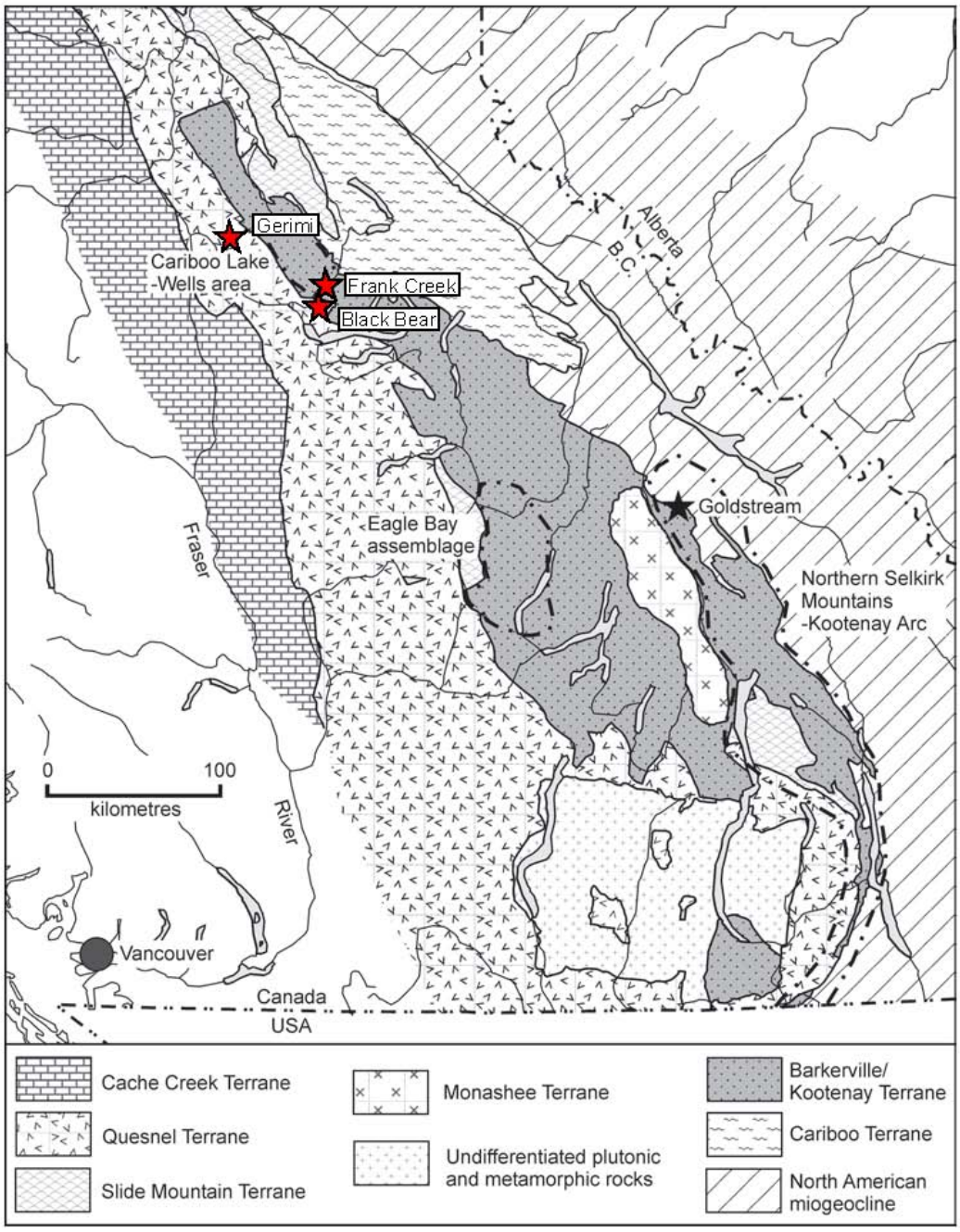


Figure No.6 - Terrane Map of British Columbia. Barker Minerals' properties are indicated by red stars.

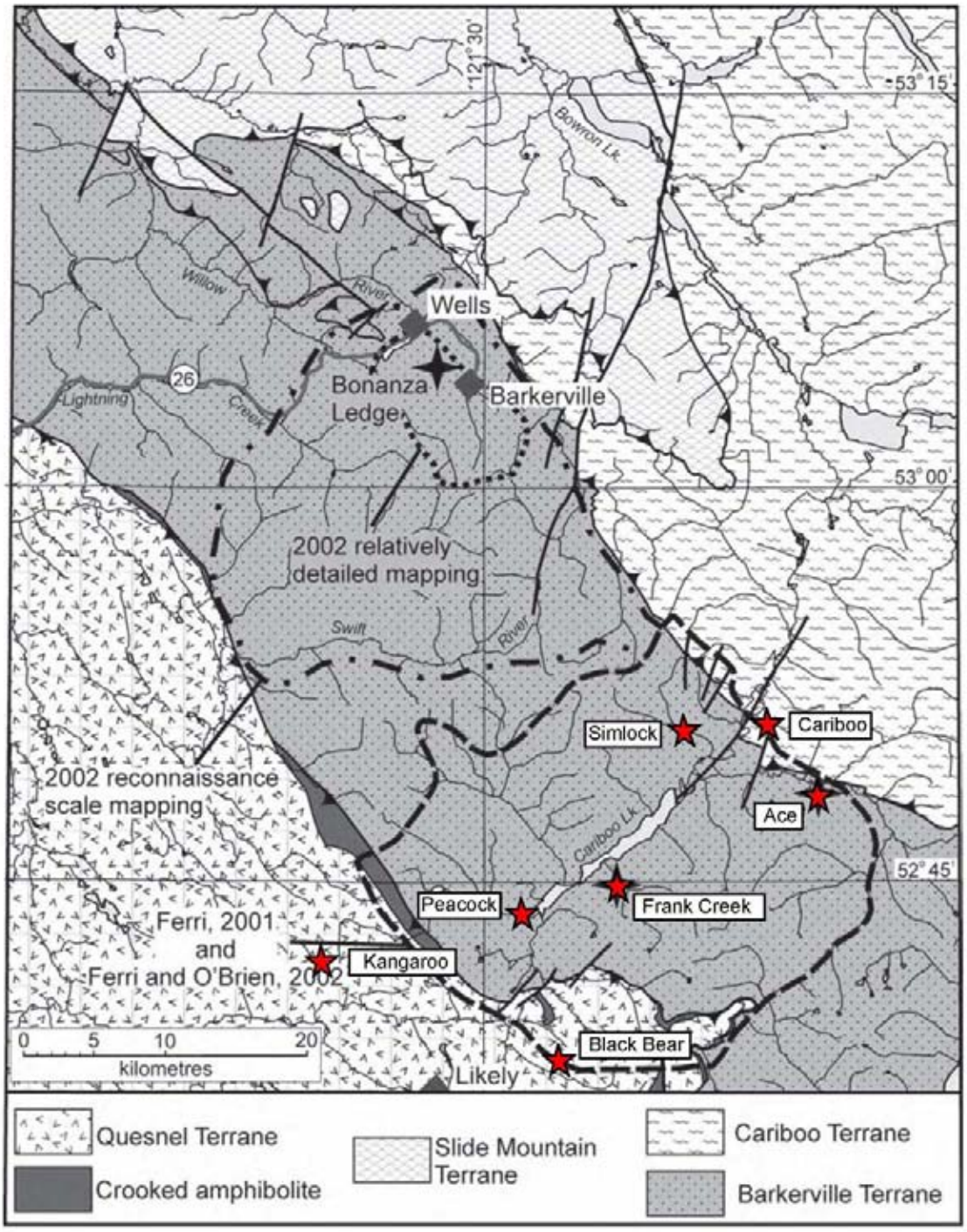


Figure No. 7 – Local Geology of Cariboo Lake Area. Areas mapped by the BCGS in 2000 - 2002 are shown. Barker Minerals' properties are indicated by red stars.

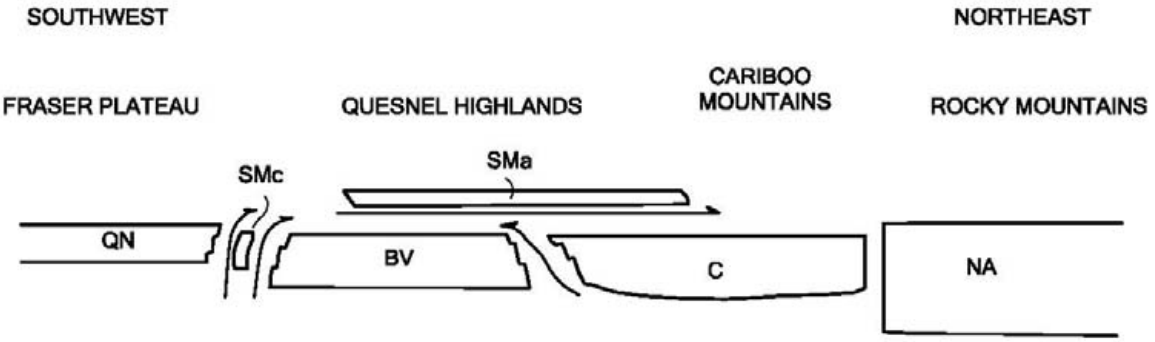


Figure No. 8 - Regional Structural Section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (Crooked amphibolite), QN-Quesnel and NA-North American. (after Struik, 1988).

The Cariboo and Barkerville Terranes are separated by the regional Pleasant Valley thrust fault, which dips moderately to steeply northeast. Struik (1988) states the Cariboo block was thrust from the east over the Barkerville block along a strike length of over 100 km. The Cariboo Terrane was cut by the Jurassic-Cretaceous Little River stock, a medium-grained granodiorite grading to quartz monzonite. Some of the carbonate layers in the lowest part of the Cariboo terrane (or upper part of the Barkerville Terrane) are enriched in zinc and lead. Since the 1970's, preliminary exploration on stratiform Zn-Pb targets has been conducted in this area.

7.1.5 Glaciation and glacial deposits

The last glacial stage that affected the Quesnel Highland, the Fraser glaciation, began 30,000 years ago. Much of this ice had melted by 10,000 years ago, but small remnants are preserved high in the alpine areas of the Cariboo Mountains. At lower elevations, glaciers of this age scoured the debris left by preceding ice advances, almost completely destroying them, leaving a chaotic assemblage of unsorted till, moraine and drift, with lenses of gravel and sand that had been roughly sorted by melt water and rivers, leaving behind beds of silt and clay that were stratified by settlement in ice-dammed lakes. In the Cariboo area, the debris covers bedrock in valleys below 1,700 m, leaving typical glacial features such as U-shaped valleys, ice-sculpted drumlins, moraine terraces and glacier and river benches. On the Barker Minerals properties, glacial deposits range from one to a few tens of metres thick. Some glacial till deposits are overlain by well-bedded glaciolacustrine clay and silt deposits up to a few tens of metres thick.

In much of the Cariboo district, a layer of distinctive, hard, compact, semi-rigid blue clay sits either on or slightly above bedrock and acts as "false" bedrock. It was formed from glacial drift left behind by the last ice advance prior to the Fraser glaciation and was compacted by the weight of the Fraser stage ice. In the placer-gold areas of the Cariboo, large amounts of gold were recovered from gravel resting on this clay. In places the clay layer was penetrated by the placer miners to reach richer "pay streaks" on true bedrock below.

7.2 Local Geology

The geology of the Black Bear property consists of dark grey argillite, locally graphitic, with relatively minor interbedded limestone, phyllitic argillites and minor calcareous siltstone. Horizons of bleached light grey to greenish phyllite are commonly associated with mineralized quartz veins. Several occurrences of a dark green ultramafic or gabbroic rock occur in small outcrops and large rounded boulders. This rock commonly contains fuchsite.

Andesitic volcaniclastics and pillow breccia have been described in the north side of Collins Creek (Cooper, 1984). Bedding and foliation parallel to bedding strike NW-SE and dip shallow to moderately NE. Panteleyev et. al. (1996) mapped the fold axis of an antiform in the Collins Creak area of the Black Bear property and a splay of the Eureka Thrust Fault along Black Bear Creek.

8.0 Economic Targets

Barker Minerals is exploring the Black Bear Property for Au-quartz veins (BCGS Deposit Type I01) and Polymetallic veins: Ag-Pb-Zn+/-Au (BCGS Deposit Type I05). The possibility of large tonnage stratigraphically controlled mineralization similar to the gold deposit at Spanish Mountain 5.0 km to the southwest is also considered.

The economic target at Black Bear is high grade Ag ± Au in quartz-galena veins in sedimentary rocks. Though analyses for gold in quartz grab samples have given values around 0.818 oz/T Au (see Croft, 1988), Black Bear has been explored mainly for silver to date. Placer gold operations have occurred on Black Bear and Spanish Creeks over several decades.

Mineralization on Black Bear property consists of discontinuous blebs of galena and pyrite in quartz and quartz-iron carbonate veins. These mineralized veins occur as float and outcrop over approximately a 2 km NW-SE trend from the Providence adit at the SE end.

Between 1926 and 1951 pockets of high grade ore were mined by hand for silver and lead. In 1948 5 tons of ore yielded 319 oz. Ag, 3,294 lb. Pb, 12 lb. Zn. In 1951 7 tons of hand picked ore from the main vein yielded 1 oz. Au, 683 oz. Ag, 6,401 lb. Pb and 15 lb. Zn.

Showings of galena in quartz veins occur near the mouth of the Providence adit. 2008 Sampling Area shows the locations of previously unknown or unreported galena showings in quartz vein occurrences in float and outcrop. The quartz and quartz-iron carbonate veins discovered in 2008 tended to be 1.5 m wide and smaller. Their orientations - 16 – tended to be NW-SE strike and shallow to moderate dips NE, similar to veins noted in historical work. Some historic veins at Black Bear Creek were described as ‘at least 50 feet wide’ (EMPR Ann. Rpt., 1926).

9.0 Sampling Methods and QA/QC

9.1 Sampling Method and Approach

The Drill core was split with a table mounted diamond saw in the cutting trailer at camp. Half the core was returned to the core box while the other half was placed in a plastic bag, tied and stored prior to shipment to the analytical lab. Core recovery factors during drilling which could materially affect the accuracy of the results are described as core recovery percentages in the drill logs. Core recoveries were generally good, frequently close to 100%, though locally poor due to gouge or broken rock. Core and rocks were shipped in

plastic rice bags to the analytical lab. Samples were stored in the garage or cabin at the camp prior to shipment. After sampling the core boxes were neatly stacked in piles adjacent to the core cutting trailer.

9.2 Laboratory Methods

9.3 Sample Preparation and Analysis

All samples were sent to AGAT Laboratories Ltd. of Burnaby B.C. for base and precious metal analysis.

All lab results are in Appendix 2 - Analytical Data

9.4 Verification of Accuracy

Check samples from WCM Minerals of Burnaby, BC with certified known metals content were sent by Barker Minerals at intervals to the lab for analysis. The Labs, as well, performed their own accuracy checks with certified samples, blanks and duplicate analyses of Barker's samples.

The BB12-06 and BB12-07 QA/QC standard and pulp samples were all pre-analyzed by hand held XRF under the following protocols. Procedure: Pulp samples were removed from original packaging from the assay labs with a clean plastic spoon and inserted into an unused small plastic ziploc bag. A digital scale (tared to the weight of an empty ziploc bag) was used to weigh out 40g-43g of pulp. Hands and spoon were thoroughly washed with water and wiped down with a new serviette for each consecutive sample. Each sample was analyzed through the plastic ziploc bag using the handheld XRF ten times. Every XRF reading was taken on a different surface location to account for any nugget effects and to maintain a representative sample. After the tenth XRF reading was taken, a numbered sticker was added to the outside and a clean numbered label was added to the inside of the ziploc bag. **(See Appendix 3 – XRF Results of the QA/QC Samples).**

10.0 Black Bear Property (2012 Work Performed)

10.1 Diamond Drilling

Drill Hole	Easting	Northing	Elevation (m)
BB-2012-01	0606916	5832834	1342
BB-2012-02	0606916	5832834	1342
BB-2012-03	0606937	5832847	1381
BB-2012-04	0606937	5832855	1381
BB-2012-05	0606101	5832701	1223
BB-2012-06	0607037	5832834	1378
BB-2012-07	0606956	5832840	1382
BB-2012-08	0606991	5832877	1402

Table 1 - 2012 Providence Drill Hole Parameters

The drill program was undertaken to test for shallow extensions of the high grade silver, gold and lead vein mineralization exposed in outcrop. All drill holes in 2012 are vertical. The drill

core size is NQ and at around a 100 metre depth the size reduces to BQ size. (See Appendix 4 - Drill Logs and Sample Information) (See Appendix 5 - Drill Hole Sections)

BB12-06 has alternating zones of argillite/mudstones and felsic rocks throughout the hole with the dominant alteration patterns being pyrite, fuschite (chrome mica), calcite, sericite and silica. Gold pathfinder minerals identified by portable XRF analysis were bismuth, arsenic, antimony, cadmium, tin, mercury and selenium. A few narrow veins up to .49 metres in thickness occur with variable amounts of galena, pyrite and lesser amounts of molybdenum mineralization.

BB12-07 also has alternating zones of argillite/mudstones and felsic rocks from surface up to 145 metres where the rocks change to intensely hydrothermally altered mafic volcanic and felsic rocks through to the bottom of the hole with the final 20 metres ending in an intensely altered siliceous zone.

Alteration patterns consist of pyrite, fuschite (chrome mica), calcite, carbonate, sericite, bioitite, hematite, epidote, silica and magnetite. Minor amounts of tourmaline, titanium minerals and chromites were also observed. Associated gold pathfinder minerals identified by portable XRF analysis were silver, bismuth, arsenic, antimony, cadmium, tin, mercury, selenium, nickel, zinc and manganese.

The top 90 metres of all three holes are similar geologically and geochemically in alteration style and associated mineralization. Random spot checks with the portable XRF indicate that gold pathfinder minerals, together with the typical epithermal alteration patterns, continue to the bottom of BB12-07 and are still open at depth.

Quartz vein mineralization extends laterally in some instances over a 150 metre strike length such as at the Providence and Hunt targets specifically. Both of these broad surface target areas also have multiple parallel veins associated with them which significantly enhances their bulk sample potential.

Dark grey argillite and laminated felsic rock are the host rock of the quartz and quartz iron carbonate veins on the Black Bear property. The vein mineralization branches out from the felsic centers into the argillite before pinching out. As observed in most of the trenches, the mineralized veins have a general NW/SE strike and a N/NE dip and extend over a 2km trend from TR-07 (LCTR3) in the NW to TR-01 (Providence Adit) in the SE.

Due to varying degree of oxidation and leaching of the argillite, the color varies from light grey to dark grey with rusty red iron oxidation stains. Tectonism and excavation work have intensely distorted the dip of most of the argillite leaving them with series of crenulations. Weakly laminated felsic components are more intensely oxidized, leached, gossanous and more mineralized with partly leached disseminated pyrite and galena compared with the argillite.

Quartz and quartz-iron carbonate (siderite) veins range in size from centimeters up to 8m of exposure with persistent pockets of partly leached galena, pyrite and trace argentite mineralization along the NW/SE strike. Multiple parallel veins with consistent lateral mineralization of up to 150m are common to both providence and Hunt targets. The quartz and quartz-iron carbonate veins are locally intensely oxidized and leached leaving them with rusty red stains and vugs of partly leached sulphide (pyrite + galena).

Fuschite (chrome mica) is a common mineral along vein selvages in association with galena mineralization as well as in vein host rocks as possible late alteration overprint. It has already been established that fuschite, Bi and Te are associated with gold and silver deposits in other areas of the world. Their presence in high concentration on the Black Bear project increases the potential to discover associated precious metal deposits.

The presence of elevated precious and base metals in the highly altered host rocks with the discovery of important similarly mineralized intrusive rocks indicates the property has potential for hosting lower grade bulk tonnage precious metal deposits and high grade bonanza style veins which are being assessed for their bulk sample potential.

10.2 Hand Held XRF Analysis Study

In 2012 Barker announced the initial gold and gold path finder mineral results on BB12-07 from an internal handheld XRF study. After careful consideration and in order to comply with timely disclosure rules Barker chose to issue these results in advance of fire assay lab results as there were consistently high gold and gold path finder mineral readings. Not only were the numbers on both counts high they were also consistently frequent. Should these frequently high readings subsequently have been verified by the lab the XRF data would have been construed as material information. **(See Appendix 6 – BB12-07 XRF Study Results)**

The XRF readings were taken in advance of, or together with the core logging, a time lag was created from the time XRF readings were taken and the fire assay results were received and ultimately reported. The Company reported that low order gold values occurred over these same sections of drill core when subsequently analyzed by fire assay. The levels of gold in individual one metre samples analyzed by fire assay ranged from <1 ppb to a high of 120 ppb (.12 g/t or ppm) in BB12-06; and 798 ppb (.80 g/t or ppm) in BB12-07.

The lab analysis, however, has confirmed that the important suite of gold pathfinders arsenic (As), antimony (Sb), selenium (Se), tellurium (Te), bismuth (Bi), thallium (Tl) and tungsten (W) are widely dispersed in elevated levels, individually or associated in various combinations throughout most of the 90.5 metres of BB12-06 and 309.14 metres of BB12-07.

A number of other factors contributing to the decision to report the initial handheld XRF results (with appropriate cautionary language on BB12-07) are summarized below:

During 2011 Barker conducted a small drill program on its Frank Creek VMS/Gold project shortly after the purchase of the handheld XRF analyzer. The Niton hand held XRF model Barker owns is known for its high level of accuracy for the suite of gold pathfinder minerals. It was used as a tool for checking of core for potential pathfinder minerals associated with the footwall, or feeder system of VMS style mineralization. (The pathfinder geochemical signatures are very similar for VMS and epithermal gold deposits). Handheld testing of the drill core at Frank Creek showed gold values between 5 ppm – 15 ppm over a 30 metre section which were similar in nature and frequency to the Black Bear XRF gold readings. Subsequent fire assay analysis at Frank Creek returned uncut gold values of 3.80 g/t over 22.45 metres.

As a follow up to the 2011 Frank Creek drilling in July 2012 the Company completed handheld XRF analysis on the pulp samples from the 2011 drilling which showed the presence of gold by fire assay. The XRF was effective in identifying the presence of gold in many of the samples (5 – 15 ppm) which were confirmed gold bearing by fire assay method. (See Appendix 7 – FC11-03 Drill Core Pulp XRF Study Results)

Barker conducted further XRF analysis of samples from the Ace gold project which previously returned up to 29 g/t gold by fire assay. The XRF readings were in a similar range (5 – 15 ppm) as the Frank Creek XRF readings and follow up submittal of the samples for confirmation of gold by fire assay analysis returned gold values of 4.6 g/t gold and 10.8g/t gold respectively.

A third project, Spanish Creek, returned XRF gold values (between 5 ppm and 20 ppm) from samples that were submitted to the lab which confirmed gold values up to 9.16 g/t gold by fire assay analysis.

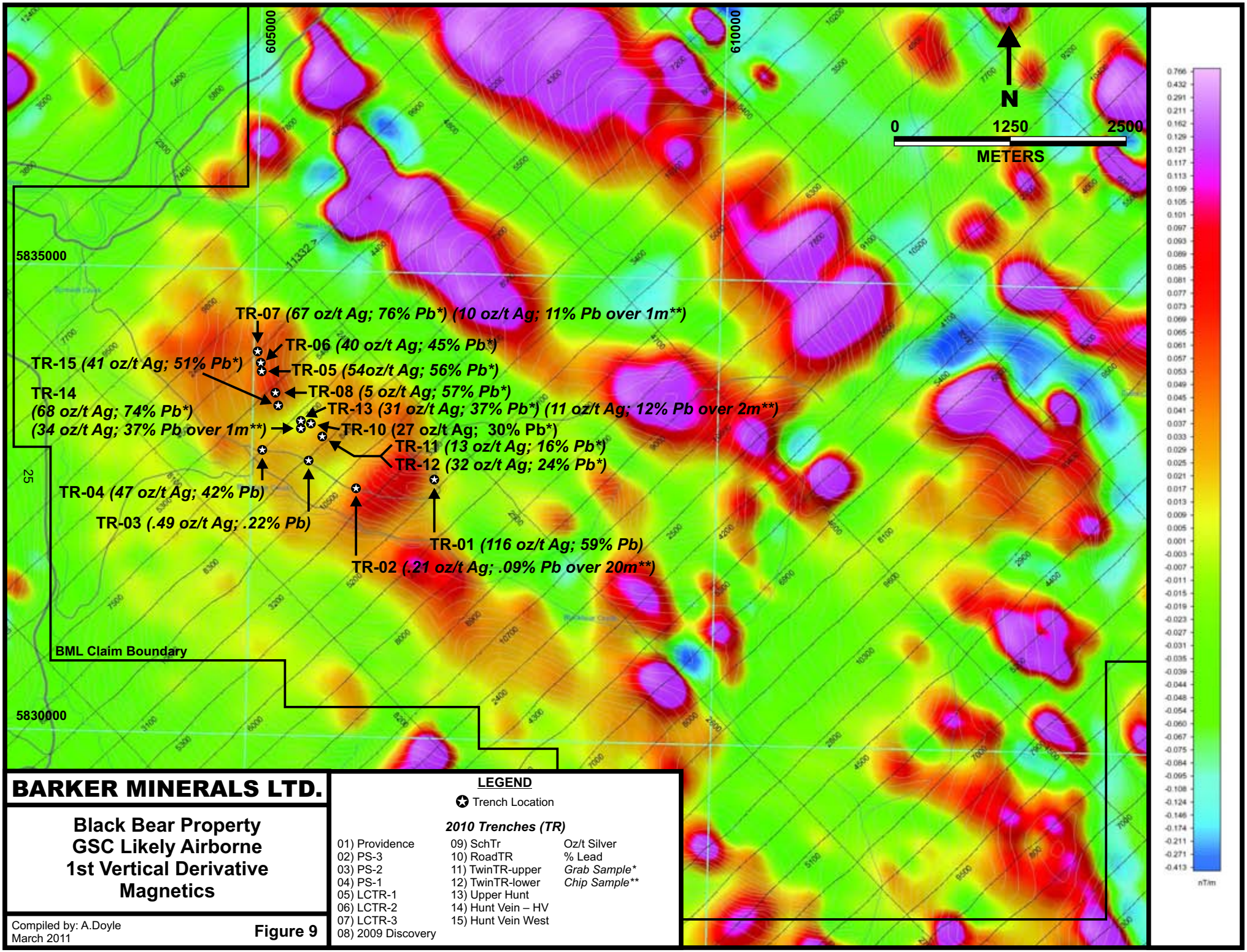
On the Black Bear Providence target, in the immediate vicinity of the 2012 drilling in late 2011, five shallow drill holes were completed. Drill core samples analyzed by the lab from the 2011 Providence drilling identified the same suite of gold pathfinder minerals (As, Sb, Se, Te, Bi, Tl and W) identified by the hand held XRF providing a confirmation that the initial gold pathfinder XRF readings were accurate.

Barker's early experience with the XRF and fire assay analysis on four different properties were important factors in deciding to disclose initial XRF gold results without first having the fire assay results for comparison. Other important deciding factors were from technical and historical information in the Likely/Black Bear areas that provide indications there is a high potential for bedrock gold to be discovered particularly around the Providence target.

10.3 GSC Airborne Interpretation

Barker's compilation of the extensive airborne surveys resulted included placing Barker's Black Bear property claims onto a background showing the first magnetic derivative from portions of the GSC maps from Open File 6157 (See **Figure No. 9** – Black Bear GSC Airborne 1st Derivative Magnetics) and the Likely survey Potassium anomalies were plotted on maps which correlate well with exploration target areas. (See **figure 10** – Black Bear GSC Airborne Potassium)

The radiometric and magnetic airborne survey over the Black Bear project area successfully identified large (approximately 7 km by 2 km) coincident potassium high and moderate magnetic high anomalies. The Providence target is located along the eastern edge of the anomaly. The GSC airborne anomalies cross Black Bear Creek below the Providence target and continue to the SE where porphrytic felsic intrusive rocks have also been recognized.



BARKER MINERALS LTD.

Black Bear Property
GSC Likely Airborne
1st Vertical Derivative
Magnetics

Compiled by: A.Doyle
March 2011

Figure 9

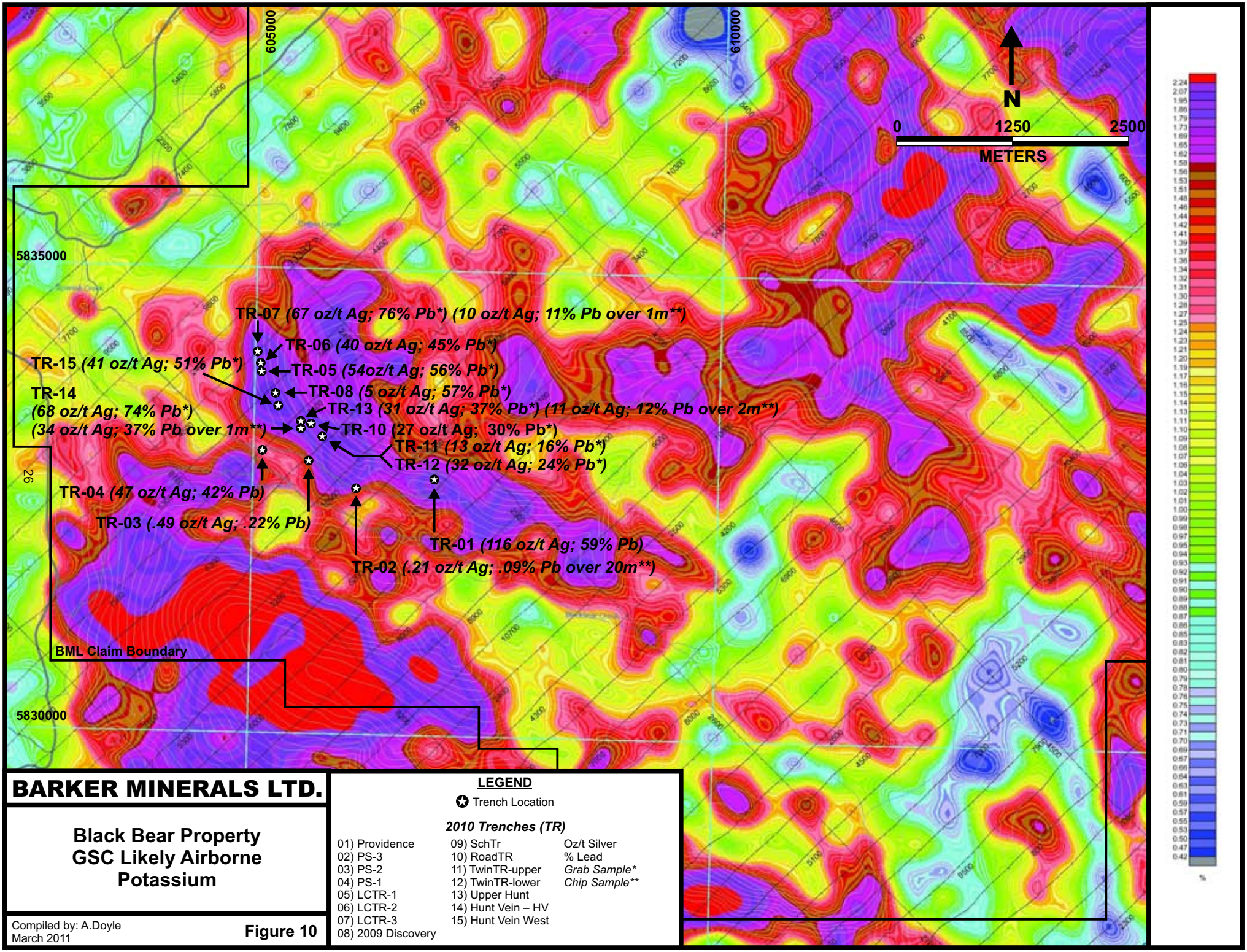
LEGEND

Trench Location

2010 Trenches (TR)

01) Providence
02) PS-3
03) PS-2
04) PS-1
05) LCTR-1
06) LCTR-2
07) LCTR-3
08) 2009 Discovery
09) SchTr
10) RoadTR
11) TwinTR-upper
12) TwinTR-lower
13) Upper Hunt
14) Hunt Vein – HV
15) Hunt Vein West

Oz/t Silver
% Lead
*Grab Sample**
*Chip Sample***



BARKER MINERALS LTD.

Black Bear Property
GSC Likely Airborne Potassium

Compiled by: A.Doyle
March 2011

Figure 10

LEGEND

Trench Location

2010 Trenches (TR)

01) Providence	09) SchTr	Oz/t Silver
02) PS-3	10) RoadTR	% Lead
03) PS-2	11) TwinTR-upper	*Grab Sample**
04) PS-1	12) TwinTR-lower	*Chip Sample***
05) LCTR-1	13) Upper Hunt	
06) LCTR-2	14) Hunt Vein – HV	
07) LCTR-3	15) Hunt Vein West	
08) 2009 Discovery		

11.0 CONCLUSIONS

11.1 Black Bear Project (Providence Target)

Although economic gold has not yet been found in the 2012 drilling at the Providence target, the results thus far indicate the drilling is on the upper level or edge of a large hydrothermal system associated with epithermal style alteration and pathfinder mineralogy which is favourable for the deposition of gold.

Characteristics of epithermal systems include deep structures, typical gold pathfinder alteration and mineralogy, the presence of placer gold and airborne geophysical signatures. All of these important features, and others, are present on the Black Bear project and surrounding area. Important deep structures present in the area are the NW/SE trending Eureka Thrust Fault and the Cariboo and Quesnel Lake NE/SW deep fault systems.

Epithermal gold systems typically have large alteration footprints which means deposits may be over looked due to the presence of associated barren shoulders and lithocaps with associated gold pathfinder geochemistry which may be masking important gold mineralization below, or nearby. The exploration to date indicates the Providence target lies on the eastern edge of the favorable GSC airborne potassic/magnetic anomaly which is supported by the various alteration patterns which include the presence of magnetite and pyrrhotite in the drill core in all 2012 drill holes.

Typical alteration patterns in epithermal gold deposits which are present on the Providence target consist of pyrite, fuschite (chrome mica), calcite, carbonate, sericite, bioitite, hematite, epidote, silica and magnetite. Minor amounts of tourmaline, titanium minerals and chromites were also observed. This type of alteration is known as propylitic, or in the Uralian gold deposits as listwanite/berezite alteration. Some associated gold pathfinder minerals for epithermal gold deposits are silver, bismuth, arsenic, antimony, cadmium, tin, mercury, selenium, tellurium, nickel, lead, copper, zinc and manganese.

12.0 RECOMMENDATIONS

12.1 Black Bear Project

The trenching and drilling results verify the extensive occurrence of mineralization on the property. Further work is recommended on the property in accordance with recommendations made in the relevant references (Turna, 2008, 2009c, 2009d).

Appendices
to
Barker Minerals ltd.
Assessment Report

October 4, 2012

Appendix 1

Barker Mineral Ltd. - Mineral Claims

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
368325	HEART	140410 (100%)	Mineral	Claim	093A054	1999/mar/28	2012/dec/31	GOOD	225.0
368326	SOUL	140410 (100%)	Mineral	Claim	093A054	1999/mar/30	2012/dec/31	GOOD	25.0
368327	HOBSON 1	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2012/dec/31	GOOD	25.0
368328	HOBSON 2	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2012/dec/31	GOOD	25.0
368329	HOBSON 3	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2012/dec/31	GOOD	25.0
503009		140410 (100%)	Mineral	Claim	093A	2005/jan/13	2012/nov/30	GOOD	685.626
503012		140410 (100%)	Mineral	Claim	093A	2005/jan/13	2012/nov/30	GOOD	627.162
503824	PG9-2	140410 (100%)	Mineral	Claim	093A	2005/jan/15	2012/nov/30	GOOD	58.789
504233		140410 (100%)	Mineral	Claim	093A	2005/jan/18	2012/nov/30	GOOD	587.627
504234		140410 (100%)	Mineral	Claim	093A	2005/jan/18	2012/nov/30	GOOD	587.886
504409		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	469.653
504410		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	410.748
504412		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	78.238
504413		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	626.051
504414		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	684.05
504415		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	449.537
504416		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	508.36
504418		140410 (100%)	Mineral	Claim	093A	2005/jan/20	2012/nov/30	GOOD	469.261
504419		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	824.233
504421		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	706.445
504422		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	490.616
504424		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	822.055
504425		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	665.615
504426		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	39.15
504427		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	508.734
504428		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	704.562
504429		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	684.353
504430		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	684.675
504431		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	685.864
504432		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	705.025
504433		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	587.205
504434		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	801.706
504435		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	625.334
504436		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	585.945
504437		140410 (100%)	Mineral	Claim	093A	2005/jan/21	2012/nov/30	GOOD	683.739
504438		140410 (100%)	Mineral	Claim	093B	2005/jan/21	2012/nov/30	GOOD	683.556
504439		140410 (100%)	Mineral	Claim	093B	2005/jan/21	2012/nov/30	GOOD	702.38
505771		140410 (100%)	Mineral	Claim	093A	2005/feb/03	2012/nov/30	GOOD	586.275
509589	grav01	140410 (100%)	Mineral	Claim	093B	2005/mar/24	2012/nov/30	GOOD	488.021
509590		140410 (100%)	Mineral	Claim	093B	2005/mar/24	2012/nov/30	GOOD	429.398
509591		140410 (100%)	Mineral	Claim	093B	2005/mar/24	2012/nov/30	GOOD	566.23
509592		140410 (100%)	Mineral	Claim	093B	2005/mar/24	2012/nov/30	GOOD	214.832
509593	grav02	140410 (100%)	Mineral	Claim	093B	2005/mar/24	2012/nov/30	GOOD	273.274
513452	AUBAR NEW	140410 (100%)	Mineral	Claim	093A	2005/may/27	2012/nov/30	GOOD	371.542
513453	CATH	140410 (100%)	Mineral	Claim	093A	2005/may/27	2012/nov/30	GOOD	488.056
513455	CATH 2	140410 (100%)	Mineral	Claim	093A	2005/may/27	2013/may/03	GOOD	214.773
513456	AUBAR NEW 2	140410 (100%)	Mineral	Claim	093A	2005/may/27	2012/nov/30	GOOD	19.551
513458	MADAM 6	140410 (100%)	Mineral	Claim	093A	2005/may/27	2012/nov/30	GOOD	313.278
513459	STEVEN 1	140410 (100%)	Mineral	Claim	093A	2005/may/27	2012/nov/30	GOOD	235.275

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
514097		140410 (100%)	Mineral	Claim	093B	2005/jun/07	2012/nov/30	GOOD	370.509
514099		140410 (100%)	Mineral	Claim	093B	2005/jun/07	2012/nov/30	GOOD	390.188
514100		140410 (100%)	Mineral	Claim	093B	2005/jun/07	2012/nov/30	GOOD	683.217
514127		140410 (100%)	Mineral	Claim	093A	2005/jun/08	2012/nov/30	GOOD	1270.779
514129		140410 (100%)	Mineral	Claim	093A	2005/jun/08	2012/nov/30	GOOD	1562.892
514130		140410 (100%)	Mineral	Claim	093A	2005/jun/08	2012/nov/30	GOOD	938.381
514134		140410 (100%)	Mineral	Claim	093A	2005/jun/08	2012/nov/30	GOOD	19.558
514195		140410 (100%)	Mineral	Claim	093B	2005/jun/09	2012/nov/30	GOOD	429.776
514197		140410 (100%)	Mineral	Claim	093B	2005/jun/09	2012/nov/30	GOOD	468.696
514200		140410 (100%)	Mineral	Claim	093B	2005/jun/09	2012/nov/30	GOOD	117.146
514202		140410 (100%)	Mineral	Claim	093B	2005/jun/09	2012/nov/30	GOOD	488.449
514203		140410 (100%)	Mineral	Claim	093B	2005/jun/09	2012/nov/30	GOOD	410.357
514207		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1370.296
514223		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	684.031
514224		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	489.076
514225		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	332.635
514227		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1760.174
514228		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	234.812
514229		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1311.468
514230		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	763.672
514231		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1391.525
514232		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	470.147
514233		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	274.471
514234		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1369.705
514235		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1135.443
514236		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1429.632
514237		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	391.678
514238		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1270.41
514239		140410 (100%)	Mineral	Claim	093A	2005/jun/09	2012/nov/30	GOOD	1290.676
514252		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1411.095
514253		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1351.325
514254		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1372.595
514256		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	469.104
514262		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	547.007
514264		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	97.683
514265		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1521.196
514266		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1580.452
514268		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1287.853
514272		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1767.184
514279		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	19.551
514281		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	371.41
514282		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1056.385
514284		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1624.869
514285		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1038.421
514289		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	1391.867
514293		140410 (100%)	Mineral	Claim	093A	2005/jun/10	2012/nov/30	GOOD	860.004
514304		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1530.564
514305		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1412.171
514307		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	762.233

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
514319		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1622.873
514320		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	156.44
514322		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	901.541
514324		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1607.581
514325		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1114.305
514326		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	783.776
514327		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1054.944
514328		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1233.903
514329		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	842.054
514330		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	821.519
514332		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1235.947
514333		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	859.226
514334		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1334.206
514335		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1039.233
514336		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	995.969
514337		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	568.406
514338		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	627.16
514339		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	975.976
514340		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1430.242
514341		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	959.909
514342		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1191.427
514343		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1488.23
514344		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1273.908
514345		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1293.961
514346		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1155.684
514347		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	548.603
514348		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	980.847
514356		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	608.022
514358		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1448.102
514361		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	606.74
514364		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1565.317
514366		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1096.521
514367		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1018.582
514368		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	586.645
514371		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	547.905
514372		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1389.437
514373		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	137.034
514374		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	1115.592
514375		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	607.071
514376		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	176.207
514377		140410 (100%)	Mineral	Claim	093A	2005/jun/11	2012/nov/30	GOOD	137.044
514397		140410 (100%)	Mineral	Claim	093A	2005/jun/12	2012/nov/30	GOOD	273.916
514415		140410 (100%)	Mineral	Claim	093A	2005/jun/13	2012/nov/30	GOOD	117.359
514525		140410 (100%)	Mineral	Claim	093A	2005/jun/15	2012/nov/30	GOOD	470.745
514531		140410 (100%)	Mineral	Claim	093A	2005/jun/15	2012/nov/30	GOOD	704.124
525812	BB EXT 1	140410 (100%)	Mineral	Claim	093A	2006/jan/18	2012/nov/30	GOOD	39.254
525813	BB EXT 2	140410 (100%)	Mineral	Claim	093A	2006/jan/18	2012/nov/30	GOOD	19.625
572892	TASSE 1	140410 (100%)	Mineral	Claim	093A	2008/jan/02	2012/nov/30	GOOD	2631.457
572893	TASSE 2	140410 (100%)	Mineral	Claim	093A	2008/jan/02	2012/nov/30	GOOD	1886.124

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
592299	SL2	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2012/oct/13	GOOD	370.9946
592300	SL1	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2012/oct/13	GOOD	488.1619
592302	SL3	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2012/oct/13	GOOD	331.9431
593490	K SOUTH	140410 (100%)	Mineral	Claim	093A	2008/oct/27	2012/nov/30	GOOD	19.611
593609	TASSE BR	140410 (100%)	Mineral	Claim	093A	2008/oct/30	2012/nov/30	GOOD	156.9802
601103		140410 (100%)	Mineral	Claim	093A	2009/mar/15	2012/nov/30	GOOD	39.1421
602450	MAG09-1	140410 (100%)	Mineral	Claim	093B	2009/apr/11	2012/nov/30	GOOD	487.8606
602451	MAG09-2	140410 (100%)	Mineral	Claim	093B	2009/apr/11	2012/nov/30	GOOD	487.9813
602452	MAG09-3	140410 (100%)	Mineral	Claim	093B	2009/apr/11	2012/nov/30	GOOD	488.1482
602453	MAG09-4	140410 (100%)	Mineral	Claim	093B	2009/apr/11	2012/nov/30	GOOD	488.2749
602843	TASSE09-01	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	491.3347
602844	TASSE09-02	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	491.3396
602845	TASSE09-03	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	491.3491
602846	TASSE09-04	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	491.0396
602847	TASSE09-05	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.8897
602848	TASSE09-06	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.7004
602849	TASSE09-07	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.6956
602850	TASSE09-08	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.7813
602851	TASSE09-09	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.6292
602852	TASSE09-10	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.4625
602853	TASSE09-11	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.4064
602854	TASSE09-12	140410 (100%)	Mineral	Claim	093A	2009/apr/17	2012/nov/30	GOOD	490.4803
602861	TASSE09-15	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.5589
602862	TASSE09-16	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	489.9556
602873	TASSE09-18	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.2604
602875	TASSE09-19	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.3251
602876	TASSE09-20	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.5282
602878	TASSE09-21	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.3236
602880	TASSE09-22	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	490.0902
602883	TASSE09-24	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	489.8889
602884	TASSE09-25	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	254.7257
602885	TASSE09-26	140410 (100%)	Mineral	Claim	093A	2009/apr/18	2012/nov/30	GOOD	353.8531
604584	SL 5	140410 (100%)	Mineral	Claim	093A	2009/may/16	2012/oct/13	GOOD	487.9846
605732	KANGAROO	140410 (100%)	Mineral	Claim	093A	2009/jun/09	2012/nov/30	GOOD	352.4335
608523	THREE CREEK	140410 (100%)	Mineral	Claim	093A	2009/jul/19	2012/oct/13	GOOD	390.3026
628903	LITTLE RIVER WEST	140410 (100%)	Mineral	Claim	093A	2009/sep/05	2012/nov/30	GOOD	214.9163
650343	WELCOME001	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	450.5688
650363	WELCOME002	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	489.5437
650383	WELCOME003	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	489.6416
650384	WELCOME004	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	489.7043
650403	WELCOME005	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	489.4941
650404	WELCOME006	140410 (100%)	Mineral	Claim	093A	2009/oct/10	2012/nov/30	GOOD	234.9284
653343	WELCOME100	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	469.4133
653363	WELCOME101	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	430.4198
653383	WELCOME102	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	469.7012
653404	WELCOME103	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	156.5673
653423	WELCOME104	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	176.1964
653425	WELCOME105	140410 (100%)	Mineral	Claim	093A	2009/oct/15	2012/nov/30	GOOD	430.5355
654403	TASSE09-27	140410 (100%)	Mineral	Claim	093A	2009/oct/18	2012/nov/30	GOOD	19.6319

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
654523	K 13 W	140410 (100%)	Mineral	Claim	093A	2009/oct/18	2012/nov/30	GOOD	352.1449
656823	PG-W1	140410 (100%)	Mineral	Claim	093A	2009/oct/21	2012/nov/30	GOOD	488.5919
656843	PG-N2	140410 (100%)	Mineral	Claim	093A	2009/oct/21	2012/nov/30	GOOD	351.6495
657264	PORTER 1	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	489.0764
657265	PORTER 2	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	489.068
657266	PORTER 3	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.9121
657267	PORTER 4	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.9134
657283	PORTER 5	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.8708
657284	PORTER 6	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.6893
657285	PORTER 7	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.7284
657286	PORTER 8	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.6039
657287	PORTER 9	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.526
657288	PORTER 10	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.4047
657289	PORTER 11	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.3627
657290	PORTER 12	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.268
657303	PORTER 13	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.2025
657304	PORTER 14	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.0522
657305	PORTER 15	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	488.0399
657306	PORTER 16	140410 (100%)	Mineral	Claim	093A	2009/oct/22	2012/nov/30	GOOD	19.5184
662949		140410 (100%)	Mineral	Claim	093A	2009/oct/31	2012/nov/30	GOOD	19.5955
672143	K 14	140410 (100%)	Mineral	Claim	093A	2009/nov/20	2012/nov/30	GOOD	19.5661
672163	K 15	140410 (100%)	Mineral	Claim	093A	2009/nov/20	2012/nov/30	GOOD	19.5606
672568	K 16	140410 (100%)	Mineral	Claim	093A	2009/nov/21	2012/nov/30	GOOD	156.5257
676065	K17	140410 (100%)	Mineral	Claim	093A	2009/nov/29	2012/nov/30	GOOD	215.1244
676563	KC1	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	449.0964
676564	KC2	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	488.1729
676565	KC3	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	488.1831
676583	KC4	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	487.9531
676603	KC5	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	487.9672
676623	KC6	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	487.8147
676643	KC7	140410 (100%)	Mineral	Claim	093A	2009/nov/30	2012/nov/30	GOOD	370.8923
677203	KC8	140410 (100%)	Mineral	Claim	093A	2009/dec/01	2012/nov/30	GOOD	78.1476
687745	P17	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	488.3731
687746	P18	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	488.3767
687747	P19	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	390.5765
687751	P20	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	410.7649
687752	P21	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	97.7208
687763	P22	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	19.5513
687764	P23	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	19.5531
687766	P24	140410 (100%)	Mineral	Claim	093A	2009/dec/20	2012/nov/30	GOOD	39.1079
690184	P25	140410 (100%)	Mineral	Claim	093A	2009/dec/27	2012/nov/30	GOOD	449.6321
704303	WASKO001	140410 (100%)	Mineral	Claim	093A	2010/jan/22	2012/nov/30	GOOD	255.4905
704304	WASKO002	140410 (100%)	Mineral	Claim	093A	2010/jan/22	2012/nov/30	GOOD	19.661
704305	WASKO003	140410 (100%)	Mineral	Claim	093A	2010/jan/22	2012/nov/30	GOOD	314.7065
704811	K18	140410 (100%)	Mineral	Claim	093A	2010/jan/26	2012/nov/30	GOOD	488.3383
709062	PGE001	140410 (100%)	Mineral	Claim	093A	2010/feb/27	2012/nov/30	GOOD	214.8939
831565	PG-W2	140410 (100%)	Mineral	Claim	093A	2010/aug/16	2012/nov/30	GOOD	156.3419
831566	PORTER 17	140410 (100%)	Mineral	Claim	093A	2010/aug/16	2012/nov/30	GOOD	488.6118
831845	TASSE09-28	140410 (100%)	Mineral	Claim	093A	2010/aug/19	2012/nov/30	GOOD	58.9089

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
831851	WASK0004	140410 (100%)	Mineral	Claim	093A	2010/aug/19	2012/nov/30	GOOD	275.1737
831852	WASK0005	140410 (100%)	Mineral	Claim	093A	2010/aug/19	2012/nov/30	GOOD	39.3166
831853	WASK0006	140410 (100%)	Mineral	Claim	093A	2010/aug/19	2012/nov/30	GOOD	58.9941
832157	PORT	140410 (100%)	Mineral	Claim	093A	2010/aug/26	2012/nov/30	GOOD	488.3684
832763	K18	140410 (100%)	Mineral	Claim	093A	2010/sep/04	2012/nov/30	GOOD	488.0005
832764	K19	140410 (100%)	Mineral	Claim	093A	2010/sep/04	2012/nov/30	GOOD	78.1005
838958	CUSH03	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	460.8633
838959	CUSH04	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	422.4622
838960	CUSH05	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	288.1868
838961	CUSH06	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	461.1044
838964	CUSH09	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	480.3074
838965	CUSH10	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	403.54
838967	CUSH12	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	153.7817
838968	CUSH13	140410 (100%)	Mineral	Claim	093H	2010/nov/25	2012/nov/26	GOOD	403.6317
842336		140410 (100%)	Mineral	Claim	093A	2011/jan/04	2012/nov/30	GOOD	292.9858
847062		140410 (100%)	Mineral	Claim	093A	2011/feb/20	2012/nov/30	GOOD	234.9544
847427		140410 (100%)	Mineral	Claim	093A	2011/feb/25	2012/nov/14	GOOD	158.1066
847435		140410 (100%)	Mineral	Claim	093A	2011/feb/25	2012/nov/14	GOOD	474.2369
847437		140410 (100%)	Mineral	Claim	093A	2011/feb/25	2012/nov/14	GOOD	494.0316
847438		140410 (100%)	Mineral	Claim	093A	2011/feb/25	2012/nov/14	GOOD	237.1665
847439		140410 (100%)	Mineral	Claim	093A	2011/feb/25	2012/nov/14	GOOD	237.142
851879		140410 (100%)	Mineral	Claim	093A	2011/apr/16	2012/nov/30	GOOD	19.53
878969		140410 (100%)	Mineral	Claim	093A	2011/aug/02	2012/nov/30	GOOD	156.7311
933389		140410 (100%)	Mineral	Claim	093H	2011/nov/26	2012/nov/26	GOOD	480.2045
933489		140410 (100%)	Mineral	Claim	093H	2011/nov/26	2012/nov/26	GOOD	461.2852
933529		140410 (100%)	Mineral	Claim	093H	2011/nov/26	2012/nov/26	GOOD	461.3733
933589		140410 (100%)	Mineral	Claim	093H	2011/nov/26	2012/nov/26	GOOD	460.906
933629		140410 (100%)	Mineral	Claim	093H	2011/nov/26	2012/nov/26	GOOD	460.9485
1011952	SPC	140410 (100%)	Mineral	Claim	093A	2012/aug/11	2013/aug/11	GOOD	392.8613
1012408		140410 (100%)	Mineral	Claim	093A	2012/aug/30	2013/aug/30	GOOD	312.6767
1012409		140410 (100%)	Mineral	Claim	093A	2012/aug/30	2013/aug/30	GOOD	19.5497
1012410		140410 (100%)	Mineral	Claim	093A	2012/aug/30	2013/aug/30	GOOD	195.4877
1013242		140410 (100%)	Mineral	Claim	093A	2012/sep/26	2013/sep/26	GOOD	373.5028

Appendix 2

Providence Target - Black bear Project - Analytical Data

AGAT Laboratories

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CLIENT NAME: BARKER MINERALS LTD.
8384 TOOMBS DR.
PRINCE GEORGE, BC V2K5A3
(250) 563-8752

ATTENTION TO: LOUIS DOYLE

PROJECT NO:

AGAT WORK ORDER: 12V632065

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Sep 24, 2012

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10051	0.40	0.32	4.9	<0.01	<5	55	0.20	0.18	0.06	1.41	57.3	6.2	27.7	0.36
10052	0.16	0.37	1.2	<0.01	<5	51	0.21	0.11	0.07	5.31	45.0	17.1	46.4	0.82
10053	0.20	0.38	1.7	<0.01	<5	66	0.24	0.31	0.57	3.18	32.2	14.2	18.9	0.58
10054	0.09	0.34	22.5	<0.01	<5	54	0.17	0.25	0.18	1.62	28.6	11.3	23.4	0.89
10055	0.18	0.32	61.3	<0.01	<5	53	0.24	0.40	2.62	1.05	23.1	13.4	18.4	1.05
10056	0.08	0.43	27.3	<0.01	<5	46	0.33	0.24	4.24	1.34	38.3	15.0	13.1	1.36
10057	0.05	0.49	11.6	<0.01	<5	49	0.30	0.17	1.87	0.77	37.9	13.1	25.1	1.30
10058	0.06	0.44	0.9	<0.01	<5	72	0.26	0.25	1.18	0.38	33.9	16.7	13.3	1.49
10059	0.05	1.27	0.4	<0.01	<5	42	0.27	0.22	1.03	0.22	33.6	14.5	27.1	0.72
10060	0.06	0.57	0.9	<0.01	<5	37	0.20	0.44	3.04	0.53	27.8	13.7	18.7	0.47
10061	0.09	0.45	5.3	<0.01	<5	70	0.22	0.29	1.62	0.42	20.5	21.2	11.8	0.40
10062	19.2	0.10	70.3	0.03	<5	16	0.07	62.2	10.3	2.25	7.04	5.5	16.4	0.15
10063	0.09	0.87	6.5	<0.01	<5	158	0.45	0.25	3.09	0.55	28.5	15.0	20.3	0.42
10064	0.05	0.49	1.2	<0.01	<5	126	0.26	0.27	0.85	0.16	23.4	13.3	21.7	0.92
10065	0.06	0.42	7.0	<0.01	<5	68	0.26	0.41	1.91	0.28	17.9	14.5	20.5	0.65
10066	0.06	0.46	18.9	<0.01	<5	82	0.24	0.26	1.44	0.23	24.8	12.0	19.5	0.64
10067	0.30	0.47	15.9	<0.01	<5	107	0.31	0.84	1.93	0.40	19.3	10.4	19.0	0.27
10068	0.04	0.52	6.9	<0.01	<5	118	0.29	0.05	1.03	0.30	26.8	14.2	19.5	0.35
10069	0.16	0.51	9.7	<0.01	<5	117	0.29	0.38	0.96	0.27	24.4	15.4	12.5	0.45
10070	17.7	0.19	17.6	0.01	<5	26	0.12	56.6	6.41	1.38	10.2	14.2	13.4	0.26
10071	6.12	0.28	17.5	<0.01	<5	52	0.18	21.2	5.72	1.58	11.0	17.3	22.0	0.31
10072	0.13	0.33	7.9	<0.01	<5	59	0.20	0.38	1.39	0.58	15.1	10.0	25.4	0.36
10073	0.05	0.15	3.8	<0.01	<5	27	0.11	0.14	3.54	0.29	6.25	4.3	25.5	0.15
10074	6.20	0.17	21.0	<0.01	<5	31	0.13	18.6	2.37	16.8	14.0	15.7	34.5	0.19
10075	1.64	0.33	8.1	<0.01	<5	55	0.19	5.05	2.52	0.61	14.5	11.6	27.4	0.52
10076	11.1	0.29	8.7	<0.01	<5	51	0.15	36.1	4.06	1.75	11.3	6.2	30.9	0.25
10077	0.12	0.35	1.4	<0.01	<5	100	0.27	0.30	4.82	1.06	14.7	5.8	24.2	0.23
10078	0.42	0.37	10.4	<0.01	<5	109	0.28	1.06	4.69	2.57	11.6	7.3	19.0	0.27
10079	6.22	0.32	15.4	<0.01	<5	82	0.21	21.4	4.35	1.77	11.2	10.1	27.2	0.22
10080	0.10	0.38	3.1	<0.01	<5	89	0.22	0.33	3.12	1.13	12.6	10.6	16.7	0.43
10081	0.06	0.41	5.9	<0.01	<5	93	0.19	0.34	3.25	1.04	13.9	10.1	29.5	0.49
10082	35.3	0.11	12.5	0.12	<5	26	0.09	94.3	14.4	3.96	8.82	3.8	14.8	0.11

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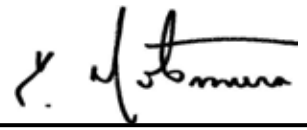

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10083	2.22	0.33	10.4	<0.01	<5	79	0.22	6.96	4.85	7.74	9.38	12.9	19.8	0.50
10084	3.49	0.23	9.7	<0.01	<5	44	0.17	9.26	3.78	0.87	14.1	12.4	13.4	0.36
10085	0.10	0.23	9.2	<0.01	<5	49	0.15	0.34	2.13	0.55	16.1	12.7	30.3	0.54
10086	0.17	0.25	7.5	<0.01	<5	37	0.17	0.53	2.03	0.65	18.6	12.5	17.8	0.52
10087	0.12	0.25	5.3	<0.01	<5	64	0.18	0.35	1.32	0.32	17.9	10.6	33.6	0.39
10088	5.38	0.14	9.1	<0.01	<5	15	0.07	14.5	4.86	2.29	7.37	4.5	12.4	0.08
10089	0.11	0.34	7.2	<0.01	<5	95	0.22	0.25	0.66	0.30	26.1	13.1	24.9	0.35
10090	0.51	0.32	5.0	<0.01	<5	93	0.24	1.16	1.62	2.05	17.7	12.1	13.3	0.39
10091	0.25	0.30	3.0	<0.01	<5	74	0.21	0.79	2.50	0.89	11.7	11.5	23.2	0.80
10092	0.12	0.27	6.9	<0.01	<5	76	0.20	0.28	1.98	5.78	11.0	10.6	31.8	0.61
10093	51.7	0.14	19.1	<0.01	<5	21	0.10	173	6.60	8.25	8.66	7.3	13.8	0.20
10094	4.52	0.14	18.9	<0.01	<5	22	0.13	16.6	4.70	2.17	11.0	8.6	19.8	0.20
10095	1.29	0.36	127	<0.01	<5	109	0.32	1.31	1.88	2.91	13.7	15.4	19.4	3.34
10096	2.08	0.24	8.5	<0.01	<5	46	0.20	6.81	4.17	0.84	12.8	8.2	28.5	0.47
10097	0.12	0.30	12.1	<0.01	<5	87	0.31	0.28	2.26	0.31	16.2	10.0	17.7	0.44
10098	8.29	0.29	14.2	<0.01	<5	63	0.18	26.2	5.30	3.58	11.8	7.4	25.7	0.54
10099	1.21	0.25	45.2	<0.01	<5	69	0.19	3.58	3.74	12.0	12.0	8.6	28.9	0.43
10100	0.60	0.36	71.5	<0.01	<5	119	0.29	1.81	3.10	12.3	10.3	11.0	22.2	0.83
10101	7.74	0.11	139	0.02	<5	25	0.12	26.0	8.87	3.38	7.48	11.1	16.7	0.18
10102	21.9	0.14	27.7	<0.01	<5	20	0.11	69.9	4.59	11.4	9.67	7.1	25.8	0.20
10103	0.52	0.28	107	<0.01	<5	112	0.23	1.70	4.66	21.8	8.02	10.0	20.3	0.44
10104	3.16	0.33	142	<0.01	<5	201	0.31	7.55	4.12	12.7	8.20	12.4	40.7	2.23
10105	0.42	0.30	77.2	<0.01	<5	74	0.26	0.42	3.75	6.94	10.6	8.9	19.0	0.51
10106	0.25	0.28	37.8	<0.01	<5	71	0.17	0.14	3.51	0.83	17.6	7.5	28.1	0.32
10107	0.33	0.28	39.6	<0.01	<5	70	0.15	0.14	4.15	0.83	12.9	6.8	15.9	0.22
10108	0.22	0.24	41.6	<0.01	<5	60	0.14	0.11	3.59	0.61	15.5	7.1	31.5	0.23
10109	0.22	0.28	45.8	<0.01	<5	81	0.17	0.13	3.42	1.11	16.1	6.5	20.8	0.33
10110	0.25	0.27	43.2	<0.01	<5	74	0.18	0.14	3.55	0.76	15.3	7.2	27.6	0.38
10111	0.28	0.39	48.6	<0.01	<5	101	0.23	0.13	2.96	0.86	18.5	8.1	21.3	0.42
10112	0.21	0.36	40.1	<0.01	<5	49	0.22	0.22	2.50	0.78	20.2	13.6	30.3	0.46
10113	0.18	0.34	42.0	<0.01	<5	56	0.24	0.34	2.89	1.49	20.7	11.5	18.4	0.48
10114	0.11	0.28	40.3	<0.01	<5	49	0.22	0.17	3.77	0.88	18.0	9.7	28.5	0.48

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AGAT WORK ORDER: 12V632065

PROJECT NO:

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DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10115	0.15	0.38	22.8	<0.01	<5	55	0.28	0.11	1.40	0.35	27.8	12.7	12.9	0.67
10116	0.17	0.32	22.7	<0.01	<5	43	0.22	0.14	1.77	0.58	23.4	12.0	25.8	0.67
10117	0.28	0.38	17.0	<0.01	<5	55	0.28	0.30	3.51	5.47	17.6	12.9	14.3	0.92
10118	0.20	0.35	5.7	<0.01	<5	51	0.22	0.27	2.24	0.49	21.1	12.7	19.5	0.87
10119	0.21	0.44	1.4	<0.01	<5	62	0.21	0.28	3.32	0.64	21.8	9.2	17.7	0.69
10120	0.14	0.59	0.9	<0.01	<5	51	0.19	0.20	2.95	0.59	24.0	9.3	23.3	0.65
10121	0.12	1.30	0.7	<0.01	<5	68	0.25	0.20	1.16	0.39	39.1	13.1	23.0	0.61
10122	0.13	0.32	3.8	<0.01	<5	49	0.20	0.29	2.16	0.64	26.0	12.4	19.5	0.57
10123	0.10	0.31	19.3	<0.01	<5	47	0.22	0.24	3.86	1.65	22.0	11.7	29.9	0.54
10124	0.09	0.18	15.5	<0.01	<5	39	0.14	0.15	1.85	0.69	9.52	6.1	69.6	0.39
10125	0.07	0.35	10.4	<0.01	<5	73	0.24	0.11	0.78	0.12	24.0	13.5	23.4	0.70
10151	0.08	0.29	7.9	<0.01	<5	53	0.21	0.20	1.24	0.17	19.9	12.7	26.4	0.57
10152	0.04	0.49	5.6	<0.01	<5	51	0.32	0.08	0.69	0.07	40.0	13.8	22.0	0.75
10153	0.05	1.27	0.6	<0.01	<5	61	0.32	0.11	1.32	0.16	40.5	14.6	17.9	0.56
10154	0.14	0.29	2.3	<0.01	<5	51	0.24	0.31	2.19	0.21	19.3	11.6	19.7	0.34
07319	4.41	0.14	1720	>25	<5	19	<0.05	3.06	0.12	1.17	4.78	217	202	0.07
07320	3.34	0.03	1320	17.7	<5	7	<0.05	2.66	0.07	1.48	1.26	271	169	<0.05
07321	1.82	0.60	488	2.42	<5	83	0.22	4.16	3.50	0.15	14.2	31.2	72.3	0.37
07322	1.84	0.52	517	1.42	<5	78	0.19	4.75	4.20	0.15	8.05	35.5	21.4	0.32
07323	3.35	0.42	104	0.01	<5	20	0.05	6.92	0.19	2.08	15.3	13.8	28.4	0.13
07324	0.89	1.10	4500	0.89	<5	73	0.14	12.6	2.33	0.66	13.6	446	40.5	0.84
07325	0.64	1.29	2450	1.58	32	34	0.16	47.0	5.80	0.61	16.7	80.1	29.0	0.90
07326	0.23	1.81	570	0.32	7	110	0.11	9.56	2.22	0.21	15.0	24.5	20.3	0.40

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10051	32.7	2.95	1.09	0.17	0.23	<0.01	0.019	0.18	28.3	0.3	0.02	280	13.1	0.02
10052	33.7	3.34	0.96	0.16	0.17	0.01	0.021	0.12	22.5	0.9	0.06	410	5.43	0.04
10053	34.4	3.39	1.08	0.13	0.21	<0.01	0.017	0.19	15.9	1.0	0.21	551	6.59	0.03
10054	33.1	3.10	0.95	0.13	0.15	<0.01	0.013	0.17	14.3	1.0	0.18	327	3.94	0.03
10055	31.5	4.08	1.07	0.11	0.26	<0.01	0.017	0.15	11.5	0.8	1.07	1750	42.7	0.03
10056	24.5	3.43	1.31	0.08	0.16	<0.01	0.019	0.17	18.9	6.3	0.56	684	4.19	0.03
10057	25.7	3.49	1.23	0.13	0.23	<0.01	0.019	0.14	18.6	3.1	0.52	847	3.58	0.05
10058	29.7	3.69	1.21	0.14	0.20	<0.01	0.018	0.16	16.6	2.2	0.86	406	7.77	0.04
10059	29.8	3.72	3.63	0.13	0.17	<0.01	0.017	0.16	16.5	9.2	0.99	431	2.19	0.02
10060	54.7	3.49	1.59	0.10	0.16	<0.01	0.016	0.17	13.8	2.7	1.09	764	12.2	0.02
10061	63.0	3.71	1.25	0.12	0.12	<0.01	0.017	0.24	10.1	1.4	1.01	504	4.93	0.02
10062	29.4	7.63	0.45	<0.05	0.09	<0.01	0.051	0.02	3.1	0.5	0.35	2660	335	0.02
10063	105	3.15	2.41	0.10	0.10	0.01	0.013	0.47	13.8	1.9	0.86	698	5.91	0.03
10064	50.4	3.31	1.27	0.13	0.21	<0.01	0.015	0.26	11.7	6.0	0.85	263	9.08	0.02
10065	47.3	3.40	1.13	0.12	0.27	0.01	0.016	0.25	9.0	1.3	0.88	590	12.3	0.02
10066	43.7	3.44	1.29	0.12	0.18	0.01	0.021	0.28	12.2	0.7	1.19	523	9.08	0.01
10067	18.2	2.72	1.75	0.11	0.17	0.01	0.021	0.24	9.3	2.3	0.70	708	17.8	0.04
10068	19.7	3.39	1.60	0.13	0.12	0.01	0.020	0.29	13.1	1.7	0.90	587	1.60	0.02
10069	34.4	3.60	1.43	0.14	0.10	<0.01	0.020	0.31	12.0	1.5	1.01	531	6.25	0.01
10070	3.3	3.76	1.04	0.05	0.18	<0.01	0.026	0.06	4.2	1.8	1.03	2090	35.9	0.05
10071	7.1	4.92	1.61	0.08	0.22	<0.01	0.028	0.11	4.5	3.0	0.92	1740	214	0.04
10072	<0.1	2.88	1.64	0.12	0.16	<0.01	0.015	0.08	6.5	2.3	0.69	462	1.26	0.07
10073	<0.1	1.87	0.85	0.06	0.05	<0.01	0.011	0.04	3.0	0.8	1.92	1600	0.67	0.07
10074	0.5	3.91	0.95	0.12	0.12	0.06	0.173	0.06	6.2	0.7	1.02	866	7.37	0.06
10075	3.9	3.27	2.03	0.12	0.24	<0.01	0.014	0.14	6.3	7.7	1.13	893	4.63	0.07
10076	9.8	1.72	1.23	0.08	0.28	<0.01	0.019	0.11	5.0	3.6	1.17	1110	20.1	0.04
10077	62.4	1.28	1.05	<0.05	0.20	<0.01	0.012	0.20	8.3	3.1	2.35	640	55.4	0.01
10078	77.4	1.54	1.34	0.05	0.23	0.01	0.024	0.20	5.9	3.3	2.15	911	64.7	0.02
10079	22.4	2.17	1.29	0.07	0.30	0.01	0.020	0.16	5.1	3.0	2.11	987	46.8	0.02
10080	44.5	1.94	0.98	0.06	0.14	<0.01	0.011	0.23	5.6	1.6	1.67	496	7.96	0.01
10081	39.2	1.90	1.05	0.07	0.24	<0.01	0.011	0.24	6.6	1.5	1.59	525	23.6	<0.01
10082	10.3	2.01	0.62	<0.05	0.09	<0.01	0.087	0.03	3.6	0.6	0.78	3810	97.3	0.01

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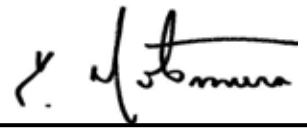

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10083	143	3.59	0.97	0.09	0.22	0.02	0.048	0.21	4.1	1.1	1.05	971	94.3	<0.01
10084	6.6	3.28	1.14	0.09	0.14	<0.01	0.023	0.10	6.0	1.8	1.03	1210	7.79	0.05
10085	0.3	3.59	1.34	0.12	0.18	<0.01	0.015	0.08	8.0	2.3	1.03	635	10.1	0.06
10086	6.4	3.32	1.35	0.12	0.13	<0.01	0.020	0.08	9.0	1.9	0.88	790	3.99	0.07
10087	5.1	2.78	0.88	0.13	0.10	<0.01	0.015	0.13	8.7	1.6	0.78	521	2.52	0.04
10088	4.4	1.59	0.55	0.06	0.07	<0.01	0.043	0.02	3.4	0.4	0.63	1490	18.8	0.09
10089	31.8	2.82	0.95	0.14	0.07	<0.01	0.016	0.22	12.5	1.3	0.81	462	1.36	0.02
10090	232	3.07	1.06	0.10	0.12	0.01	0.037	0.20	8.6	2.2	1.04	522	14.0	0.03
10091	35.6	2.89	0.93	0.09	0.13	<0.01	0.021	0.20	5.1	1.4	1.06	726	23.8	0.01
10092	75.6	2.79	0.73	0.09	0.11	0.01	0.025	0.20	4.8	1.6	1.05	445	10.6	<0.01
10093	6.0	2.49	0.82	<0.05	0.20	0.01	0.051	0.05	4.3	1.0	1.40	2250	189	0.04
10094	8.6	2.38	0.87	<0.05	0.22	0.01	0.024	0.06	5.2	1.8	1.52	1450	122	0.05
10095	49.8	3.36	1.00	0.11	0.26	0.02	0.030	0.16	6.3	0.8	0.85	1030	25.5	0.02
10096	25.4	2.02	1.02	<0.05	0.16	<0.01	0.024	0.13	5.8	4.7	1.84	848	12.9	0.03
10097	49.1	2.41	1.34	0.08	0.17	0.01	0.031	0.17	7.1	4.1	1.31	584	6.65	0.04
10098	30.1	2.03	1.29	<0.05	0.20	0.02	0.031	0.17	5.5	5.0	1.67	1310	48.6	0.02
10099	18.9	2.04	1.20	<0.05	0.16	0.05	0.084	0.13	5.6	1.3	1.32	916	77.0	0.03
10100	46.1	2.88	1.78	0.08	0.20	0.07	0.065	0.19	5.1	2.0	1.23	880	110	0.02
10101	53.3	6.06	0.80	<0.05	0.16	0.02	0.040	0.04	3.2	0.7	1.57	2830	531	0.03
10102	10.0	2.17	0.82	<0.05	0.16	0.05	0.099	0.05	4.3	1.0	1.62	1740	391	0.05
10103	43.6	2.38	1.64	<0.05	0.28	0.17	0.092	0.15	4.3	1.7	1.17	942	130	0.03
10104	69.2	3.12	1.20	0.06	0.29	0.10	0.060	0.15	5.0	1.4	1.12	866	174	0.01
10105	45.5	2.13	0.91	<0.05	0.17	0.04	0.034	0.16	5.1	0.6	1.59	572	21.1	0.01
10106	30.3	1.62	0.81	<0.05	0.10	<0.01	0.015	0.15	8.9	0.6	1.63	471	1.81	0.02
10107	26.8	1.84	0.77	0.07	0.08	0.01	0.013	0.15	5.8	0.6	1.94	573	1.69	0.02
10108	45.4	1.74	0.69	0.05	0.09	<0.01	0.012	0.12	6.9	0.5	1.63	543	2.22	0.02
10109	33.3	1.64	0.86	<0.05	0.14	<0.01	0.016	0.14	9.0	0.5	1.58	472	2.39	0.02
10110	35.4	1.82	0.77	<0.05	0.11	<0.01	0.017	0.14	7.2	0.5	1.67	518	2.22	0.02
10111	60.8	1.94	1.16	0.06	0.19	<0.01	0.017	0.19	11.4	0.7	1.44	410	3.73	0.02
10112	58.3	3.24	0.93	0.09	0.14	<0.01	0.025	0.13	10.0	1.0	1.09	506	7.56	0.03
10113	40.5	2.89	0.98	0.08	0.11	0.01	0.021	0.14	10.0	0.8	1.02	376	12.5	0.05
10114	22.3	2.59	0.78	0.05	0.10	<0.01	0.019	0.12	9.0	0.8	1.12	504	14.9	0.04

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Certificate of Analysis

AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10115	21.7	3.30	1.06	0.11	0.09	<0.01	0.026	0.12	13.5	1.0	1.07	294	2.76	0.07
10116	29.1	3.46	0.86	0.11	0.10	<0.01	0.023	0.10	11.4	1.0	1.11	345	3.46	0.06
10117	49.6	3.31	0.98	0.07	0.15	0.02	0.036	0.14	7.7	1.6	1.27	576	21.3	0.05
10118	41.3	3.19	0.93	0.10	0.09	<0.01	0.022	0.13	10.1	1.9	1.30	591	8.04	0.05
10119	30.5	2.50	1.22	0.06	0.08	<0.01	0.016	0.15	10.8	2.9	1.62	821	5.34	0.04
10120	32.8	2.70	1.74	0.09	0.07	<0.01	0.015	0.13	11.7	5.4	1.56	1000	8.58	0.03
10121	50.1	3.15	3.86	0.12	0.07	<0.01	0.019	0.17	19.2	13.2	1.48	585	5.04	0.03
10122	49.4	2.51	0.92	0.06	0.07	<0.01	0.017	0.15	12.7	0.6	0.99	687	4.23	0.03
10123	32.1	3.04	0.80	0.06	0.08	<0.01	0.020	0.18	10.7	0.5	1.20	438	9.64	0.02
10124	18.1	1.63	0.60	0.07	0.05	<0.01	0.010	0.09	4.1	0.6	0.71	465	15.9	0.01
10125	18.9	3.27	0.98	0.13	0.08	<0.01	0.019	0.22	11.8	0.7	1.02	300	1.91	0.01
10151	35.4	3.29	0.79	0.11	0.07	<0.01	0.020	0.18	9.6	0.4	1.01	527	1.49	0.01
10152	17.6	3.46	1.44	0.13	0.08	<0.01	0.017	0.20	19.5	3.2	1.00	439	1.48	0.01
10153	30.8	3.44	3.38	0.12	0.08	<0.01	0.015	0.25	19.6	8.4	1.02	709	1.24	0.02
10154	43.5	2.60	0.99	0.07	0.07	0.01	0.015	0.14	9.2	0.7	0.70	935	3.76	0.02
07319	358	17.3	0.56	0.45	0.06	0.04	1.01	0.06	2.2	0.3	0.06	57	1.10	0.01
07320	234	17.6	0.31	0.40	0.02	0.03	1.20	0.01	0.6	<0.1	0.03	53	1.47	<0.01
07321	27.0	7.46	1.77	0.16	0.36	<0.01	0.039	0.30	5.5	0.7	1.24	555	0.66	0.04
07322	14.0	8.49	1.51	0.16	0.24	<0.01	0.035	0.28	3.6	0.6	1.55	669	0.37	0.04
07323	855	6.58	1.65	0.17	0.28	0.03	1.25	0.07	6.2	4.9	1.50	996	2.80	0.03
07324	5390	10.4	3.61	0.56	0.23	0.06	0.073	0.13	7.0	6.8	0.22	493	7.17	0.10
07325	164	3.20	4.43	0.08	0.35	0.02	0.182	0.07	12.3	8.6	0.30	1040	12.0	0.09
07326	121	3.17	5.15	0.12	0.17	<0.01	0.047	0.19	6.9	5.5	0.71	638	14.0	0.21

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10051	0.10	31.8	300	5.0	8.8	0.001	0.014	0.29	1.9	2.0	<0.2	14.2	<0.01	0.09
10052	0.07	53.1	535	3.1	5.8	0.001	0.063	0.16	2.1	3.3	<0.2	15.8	<0.01	0.03
10053	0.11	55.5	593	42.5	9.6	0.007	0.476	0.20	1.9	3.0	<0.2	35.0	<0.01	0.09
10054	0.08	42.1	570	4.7	8.1	0.005	0.485	0.70	1.7	4.4	<0.2	17.7	<0.01	0.09
10055	0.10	46.7	1080	20.7	7.4	0.007	1.50	0.76	5.8	4.4	<0.2	241	<0.01	0.11
10056	0.11	42.9	698	8.6	9.0	0.004	0.220	0.39	2.8	1.9	<0.2	160	<0.01	0.06
10057	0.07	40.4	717	4.2	7.2	0.005	0.269	0.33	2.4	3.1	<0.2	59.6	<0.01	0.05
10058	0.07	40.0	583	4.3	8.5	0.006	0.651	0.26	2.0	2.8	<0.2	67.3	<0.01	0.07
10059	0.08	34.9	597	4.8	8.2	0.003	0.286	0.16	2.1	1.6	<0.2	68.6	<0.01	0.05
10060	0.12	46.6	616	5.8	8.3	0.016	0.434	0.63	2.0	2.8	<0.2	172	<0.01	0.09
10061	0.12	47.5	629	11.4	11.0	0.010	1.55	0.36	1.7	3.4	<0.2	124	<0.01	0.12
10062	0.30	20.4	193	3390	1.0	0.023	9.68	0.72	6.2	13.4	<0.2	1480	<0.01	2.25
10063	0.12	42.2	560	13.6	23.6	0.015	1.83	0.94	3.0	3.5	0.3	244	<0.01	0.16
10064	0.08	46.8	658	3.0	11.8	0.016	1.07	0.81	1.8	4.0	<0.2	46.5	<0.01	0.12
10065	0.09	48.8	636	3.7	11.5	0.013	0.873	1.05	1.8	5.4	<0.2	112	<0.01	0.15
10066	0.09	41.4	638	6.5	13.3	0.010	1.07	1.67	2.0	4.4	<0.2	119	<0.01	0.17
10067	0.10	33.2	585	49.6	11.8	0.012	2.73	0.54	2.5	2.3	0.2	222	<0.01	0.07
10068	0.13	37.5	608	17.1	13.9	0.004	1.36	0.36	1.7	2.2	0.2	122	<0.01	0.05
10069	0.12	38.4	613	21.4	16.6	0.005	1.99	0.52	1.9	2.2	<0.2	129	<0.01	0.06
10070	0.15	35.4	711	3130	4.1	0.011	4.52	1.35	5.7	9.6	<0.2	864	<0.01	1.55
10071	0.18	49.9	987	1090	7.2	0.084	6.42	0.93	4.7	6.6	<0.2	712	<0.01	0.74
10072	0.11	33.4	294	34.8	6.6	0.002	3.09	0.89	4.0	1.9	<0.2	276	<0.01	0.07
10073	0.12	13.9	89	9.9	2.5	<0.001	1.66	0.18	6.4	1.1	<0.2	704	<0.01	0.03
10074	0.14	42.9	721	1110	3.2	0.003	4.37	0.31	3.7	4.4	<0.2	430	<0.01	0.54
10075	0.13	35.0	640	312	12.4	0.002	3.96	0.69	4.0	3.7	0.2	411	<0.01	0.21
10076	0.14	24.6	3120	2040	7.4	0.011	1.60	1.14	3.7	4.6	0.2	449	<0.01	0.71
10077	0.12	48.5	2080	19.2	10.8	0.066	0.626	0.72	2.1	2.4	<0.2	417	<0.01	0.04
10078	0.13	46.6	2160	141	11.4	0.052	1.29	2.28	3.2	4.2	<0.2	512	<0.01	0.08
10079	0.10	40.4	2840	1010	9.4	0.031	1.76	0.72	3.8	7.2	<0.2	565	<0.01	0.26
10080	0.10	38.1	943	12.8	11.6	0.012	1.09	0.47	2.4	3.1	<0.2	244	<0.01	0.07
10081	0.10	43.6	2430	7.6	12.3	0.037	1.09	0.68	2.1	4.5	<0.2	278	<0.01	0.09
10082	0.18	22.4	286	5680	2.1	0.031	2.13	0.97	12.2	11.8	<0.2	1650	0.01	2.64

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10083	0.11	89.2	614	899	9.2	0.060	2.84	0.76	2.4	10.8	<0.2	402	<0.01	0.97
10084	0.12	33.9	657	630	5.8	0.003	3.96	0.46	5.2	3.6	<0.2	440	<0.01	0.39
10085	0.13	35.1	574	21.3	5.8	0.002	4.34	0.56	4.4	1.5	<0.2	347	<0.01	0.06
10086	0.13	27.7	476	30.8	5.7	0.001	3.92	0.82	5.0	1.4	<0.2	262	<0.01	0.09
10087	0.10	23.1	457	22.5	7.0	<0.001	2.77	0.41	2.9	1.5	<0.2	160	<0.01	0.05
10088	0.08	12.6	304	969	1.1	0.002	1.55	0.25	6.2	3.2	<0.2	427	<0.01	0.33
10089	0.10	27.7	527	15.1	10.8	<0.001	1.30	0.26	1.6	1.2	<0.2	75.2	<0.01	0.07
10090	0.14	33.2	729	280	10.4	0.008	2.54	0.44	2.5	3.3	0.2	226	<0.01	0.15
10091	0.13	48.6	888	62.3	9.6	0.021	2.27	0.38	2.6	5.7	<0.2	267	<0.01	0.14
10092	0.12	44.9	860	79.0	8.9	0.022	1.75	0.57	1.6	8.2	<0.2	177	<0.01	0.11
10093	0.15	54.7	1670	9440	3.1	0.047	2.83	1.49	4.6	15.3	<0.2	879	<0.01	1.97
10094	0.15	55.6	1800	1130	4.0	0.044	2.70	1.61	4.5	5.5	<0.2	587	<0.01	0.33
10095	0.12	68.0	547	73.8	8.6	0.017	1.55	2.13	3.8	4.6	0.3	141	<0.01	0.12
10096	0.14	29.2	1090	407	9.8	0.008	1.77	1.20	3.9	4.2	<0.2	496	<0.01	0.16
10097	0.13	33.6	963	32.1	10.9	0.009	2.24	3.24	3.5	4.9	0.2	335	<0.01	0.16
10098	0.17	39.5	1950	1380	11.0	0.028	1.84	0.90	4.1	10.3	<0.2	592	<0.01	0.50
10099	0.35	65.9	2030	278	6.9	0.063	1.98	1.42	3.9	8.5	<0.2	418	<0.01	0.24
10100	0.18	115	2130	148	10.0	0.088	3.14	2.90	4.0	9.3	0.3	395	<0.01	0.19
10101	0.30	101	1800	1570	2.4	0.122	7.28	2.51	7.8	12.9	<0.2	1210	0.01	0.90
10102	0.14	50.7	1600	4590	3.0	0.113	2.22	1.99	5.5	14.5	<0.2	639	<0.01	1.53
10103	0.20	124	3200	122	8.2	0.091	2.83	21.4	4.1	7.9	0.2	605	<0.01	0.21
10104	0.15	109	2260	622	8.9	0.094	2.65	22.5	4.9	15.3	0.3	433	<0.01	0.37
10105	0.18	59.3	1290	25.2	8.2	0.046	1.35	14.3	3.5	10.5	<0.2	285	<0.01	0.05
10106	0.13	28.9	758	7.0	7.4	0.006	0.899	4.74	2.6	6.2	<0.2	255	<0.01	0.02
10107	0.08	29.5	734	5.7	6.3	0.007	0.921	6.47	2.7	6.3	<0.2	263	<0.01	0.02
10108	0.11	29.6	741	4.6	5.5	0.006	0.863	2.37	2.7	4.9	<0.2	238	<0.01	0.02
10109	0.13	32.8	1130	7.6	6.9	0.010	0.656	2.22	2.7	4.7	<0.2	221	<0.01	0.03
10110	0.12	33.0	948	6.0	6.6	0.009	0.834	4.72	3.0	4.2	<0.2	234	<0.01	0.03
10111	0.12	38.8	1600	6.7	9.5	0.011	0.820	2.04	2.8	5.2	<0.2	167	<0.01	0.04
10112	0.11	35.4	532	12.8	7.2	0.007	0.825	0.87	2.9	4.5	<0.2	147	<0.01	0.06
10113	0.13	41.4	522	10.2	8.0	0.014	0.929	1.69	2.3	6.3	<0.2	140	<0.01	0.09
10114	0.14	42.6	546	6.8	6.5	0.015	0.425	0.78	2.1	3.2	<0.2	177	<0.01	0.04

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Certificate of Analysis

AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10115	0.11	35.0	592	6.6	6.9	0.004	0.495	0.53	2.4	2.3	<0.2	71.1	<0.01	0.04
10116	0.11	35.7	527	6.8	5.7	0.004	0.630	0.46	2.5	3.2	<0.2	86.9	<0.01	0.04
10117	0.13	51.6	636	9.1	7.6	0.019	1.04	0.80	3.0	7.8	<0.2	146	<0.01	0.10
10118	0.11	45.4	648	6.5	7.0	0.010	0.584	0.28	2.4	3.0	<0.2	81.0	<0.01	0.06
10119	0.12	30.7	771	13.8	8.4	0.006	0.325	0.61	2.2	2.1	<0.2	146	<0.01	0.05
10120	0.09	39.2	602	7.2	6.9	0.010	0.342	0.29	2.1	2.1	<0.2	135	<0.01	0.05
10121	0.10	51.1	580	4.8	9.0	0.011	0.450	0.20	2.4	3.2	<0.2	56.8	<0.01	0.08
10122	0.15	44.9	669	4.2	8.2	0.010	0.853	0.27	1.7	4.9	<0.2	105	<0.01	0.10
10123	0.13	35.0	655	5.3	7.9	0.011	0.833	0.44	1.8	4.0	<0.2	189	<0.01	0.08
10124	0.14	31.6	301	8.2	4.4	0.006	0.718	3.20	1.8	1.3	<0.2	123	<0.01	0.03
10125	0.16	35.1	722	1.9	10.3	0.002	1.47	0.42	2.0	1.0	<0.2	60.4	<0.01	0.08
10151	0.16	31.0	609	9.6	8.2	0.001	0.833	0.41	2.1	1.3	<0.2	76.3	<0.01	0.08
10152	0.23	31.1	613	1.9	9.5	0.001	0.194	0.25	2.1	0.6	<0.2	46.2	<0.01	0.03
10153	0.27	30.4	765	2.4	11.3	0.002	0.208	0.22	2.2	0.7	<0.2	84.3	<0.01	0.05
10154	0.23	23.2	483	13.4	6.9	<0.001	1.22	1.27	2.2	1.0	<0.2	151	<0.01	0.08
07319	0.47	284	83	71.7	2.8	<0.001	>10	0.67	0.1	15.7	16.5	5.2	<0.01	0.68
07320	0.66	315	36	45.5	0.6	<0.001	>10	0.77	<0.1	16.7	16.8	2.8	<0.01	0.66
07321	0.22	60.4	894	152	14.6	<0.001	7.90	0.21	2.4	3.5	0.8	71.8	<0.01	0.23
07322	0.26	64.2	303	136	13.0	<0.001	8.36	0.20	2.4	3.8	0.6	77.8	<0.01	0.27
07323	0.14	30.6	248	270	3.4	0.008	2.56	0.26	1.7	2.4	4.6	8.2	<0.01	0.06
07324	1.09	5470	497	9.2	6.1	0.088	5.67	6.44	2.6	25.2	1.6	65.7	<0.01	3.20
07325	0.54	36.2	1090	13.4	3.6	0.044	0.476	7.65	2.8	4.0	3.2	108	<0.01	4.64
07326	0.71	19.3	690	5.3	6.7	0.008	0.110	1.85	3.1	1.0	2.1	93.8	<0.01	1.04

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10051	8.9	<0.005	0.06	1.18	8.6	3.12	4.59	161	9.0
10052	8.1	<0.005	0.05	1.25	4.8	0.82	5.12	279	6.2
10053	7.3	<0.005	0.07	1.41	3.3	0.23	6.68	207	8.6
10054	6.4	<0.005	0.06	0.74	3.6	0.16	4.09	128	5.7
10055	7.7	<0.005	0.05	0.92	4.8	0.87	6.51	89.5	9.4
10056	8.8	<0.005	0.06	0.91	4.6	0.09	6.41	141	7.9
10057	8.3	<0.005	0.05	0.72	4.9	0.59	4.32	146	10.5
10058	7.8	<0.005	0.06	0.83	4.8	0.09	3.16	123	8.5
10059	8.0	<0.005	0.05	0.99	7.5	0.06	2.88	108	7.4
10060	6.0	<0.005	0.05	1.11	3.4	0.10	3.86	71.6	6.2
10061	5.1	<0.005	0.08	2.66	1.9	0.26	3.95	115	4.6
10062	0.9	<0.005	0.04	0.19	<0.5	0.78	26.5	37.6	2.7
10063	8.2	<0.005	0.16	2.34	7.2	0.60	5.96	62.0	3.7
10064	5.6	<0.005	0.09	2.15	6.7	0.20	3.20	126	8.8
10065	4.1	<0.005	0.07	0.98	5.5	0.20	3.49	109	12.6
10066	5.5	<0.005	0.09	1.03	6.1	0.24	3.57	111	7.7
10067	5.3	<0.005	0.08	1.31	6.8	0.40	4.75	75.4	6.1
10068	6.7	<0.005	0.10	1.26	4.2	0.22	3.31	107	5.2
10069	5.5	<0.005	0.10	1.10	3.1	0.36	3.16	101	3.9
10070	5.4	<0.005	0.08	0.99	0.7	0.33	16.5	52.1	5.7
10071	8.6	<0.005	0.08	1.91	4.8	1.02	12.0	88.4	7.9
10072	4.2	<0.005	0.04	3.04	5.7	0.12	3.09	101	5.5
10073	2.3	<0.005	0.02	2.91	1.3	0.15	5.30	32.3	1.9
10074	4.7	<0.005	0.06	3.62	1.3	0.15	4.64	1390	3.9
10075	5.2	<0.005	0.09	0.87	8.5	0.18	6.01	74.5	7.7
10076	3.7	<0.005	0.11	1.75	6.3	0.64	13.8	108	8.3
10077	3.8	<0.005	0.08	7.40	22.8	1.11	14.2	83.8	6.4
10078	3.6	<0.005	0.09	6.69	24.8	1.08	15.4	190	7.4
10079	4.6	<0.005	0.10	2.63	12.9	0.67	14.2	150	10.6
10080	7.8	<0.005	0.09	3.27	5.9	0.33	6.56	92.3	4.9
10081	4.4	<0.005	0.11	3.90	12.3	0.48	10.6	70.9	8.2
10082	1.5	<0.005	0.17	1.02	1.8	0.44	42.5	145	2.6

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10083	3.9	<0.005	0.11	3.65	19.9	0.89	7.58	441	8.0
10084	4.9	<0.005	0.06	1.36	4.8	0.26	7.86	97.1	4.8
10085	7.1	<0.005	0.04	8.28	6.0	0.15	4.26	103	6.0
10086	5.6	<0.005	0.04	1.51	5.4	0.16	4.58	96.9	4.2
10087	5.0	<0.005	0.05	0.84	2.8	0.19	3.14	73.8	3.4
10088	3.0	<0.005	0.04	0.43	<0.5	0.22	11.5	164	2.1
10089	5.7	<0.005	0.09	0.97	<0.5	0.19	2.75	84.7	2.6
10090	5.5	<0.005	0.10	1.52	10.8	0.22	4.69	232	4.3
10091	5.0	<0.005	0.09	2.88	6.6	0.25	6.07	109	5.2
10092	4.1	<0.005	0.10	4.29	4.2	0.24	5.42	362	4.4
10093	3.6	<0.005	0.42	4.09	2.4	1.05	19.7	315	6.0
10094	4.0	<0.005	0.08	3.21	8.0	0.64	14.4	148	7.0
10095	3.8	<0.005	0.07	1.02	14.1	4.58	6.45	206	11.9
10096	4.0	<0.005	0.09	2.04	9.1	0.20	8.86	103	5.7
10097	5.4	<0.005	0.08	2.16	10.0	0.17	6.06	133	6.4
10098	4.1	<0.005	0.16	3.77	12.7	0.42	17.1	212	6.5
10099	4.2	<0.005	0.08	7.21	18.0	0.89	13.6	791	5.4
10100	4.2	<0.005	0.11	13.5	41.7	1.43	13.1	855	7.5
10101	2.8	<0.005	0.08	1.89	2.6	2.76	27.1	125	3.9
10102	3.6	<0.005	0.24	1.70	4.7	1.76	13.7	708	4.9
10103	3.8	<0.005	0.10	13.7	54.0	1.63	19.0	1530	10.4
10104	3.2	<0.005	0.15	8.33	39.6	4.49	16.2	837	14.0
10105	3.2	<0.005	0.10	2.98	16.6	0.35	7.19	451	7.0
10106	3.9	<0.005	0.10	0.94	2.6	0.45	6.37	67.5	3.6
10107	3.2	<0.005	0.09	0.98	3.9	0.13	5.83	64.9	3.0
10108	3.5	<0.005	0.08	1.06	2.6	0.14	5.80	46.7	3.4
10109	3.6	<0.005	0.10	1.33	3.8	0.12	6.37	87.1	4.7
10110	3.7	<0.005	0.09	0.99	2.7	0.12	6.35	73.4	4.1
10111	4.4	<0.005	0.12	1.66	5.2	0.15	7.25	86.3	7.1
10112	6.0	<0.005	0.08	0.94	4.3	0.19	4.26	116	5.5
10113	7.9	<0.005	0.09	1.32	6.1	0.20	4.35	120	4.2
10114	5.9	<0.005	0.07	1.21	7.4	0.16	5.19	111	4.0

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10115	10.1	<0.005	0.08	1.04	2.8	0.10	3.49	118	3.9
10116	8.0	<0.005	0.06	0.74	3.1	0.09	3.66	107	4.4
10117	6.7	<0.005	0.07	1.25	9.7	0.09	4.60	225	6.3
10118	8.6	<0.005	0.06	1.05	2.8	0.06	3.70	87.0	3.7
10119	6.5	<0.005	0.07	1.16	3.6	<0.05	4.78	71.8	3.4
10120	7.9	<0.005	0.05	1.07	3.7	<0.05	3.83	76.7	2.9
10121	9.6	<0.005	0.07	1.05	11.3	0.05	2.97	126	3.7
10122	6.4	<0.005	0.06	1.00	1.0	0.08	3.49	88.8	2.8
10123	6.3	<0.005	0.06	1.21	3.1	0.16	4.34	154	3.1
10124	3.9	<0.005	0.03	1.01	3.4	0.28	3.31	42.0	2.0
10125	7.1	<0.005	0.07	1.11	0.8	0.19	2.93	96.1	3.1
10151	5.6	<0.005	0.05	1.28	<0.5	0.13	2.95	92.3	2.7
10152	8.8	<0.005	0.06	0.91	1.1	0.11	3.06	87.3	3.3
10153	8.7	<0.005	0.07	1.02	6.5	0.12	3.72	80.1	4.1
10154	5.8	<0.005	0.06	1.58	1.1	0.20	4.46	23.3	3.6
07319	1.0	<0.005	0.04	0.18	<0.5	0.09	0.59	174	1.9
07320	0.4	<0.005	0.02	0.09	<0.5	0.08	0.25	209	0.8
07321	6.2	<0.005	0.13	1.47	0.5	0.18	4.50	22.1	14.7
07322	5.2	<0.005	0.11	1.16	<0.5	0.19	3.34	21.7	9.6
07323	2.4	<0.005	0.03	3.13	12.4	0.19	2.12	543	11.9
07324	2.1	0.072	0.08	1.24	30.3	1.95	6.60	75.2	6.2
07325	1.4	0.071	0.05	2.58	23.6	17.9	8.72	61.5	10.1
07326	2.6	0.139	0.05	1.18	71.3	4.73	5.73	43.6	3.9

Comments: RDL - Reported Detection Limit

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Certificate of Analysis

AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10051	0.49	0.002	0.001	<0.005	
10052	0.58	0.002	0.001	<0.005	
10053	1.42	0.003	0.001	<0.005	
10054	1.39	0.003	0.002	0.005	
10055	1.06	0.006	0.002	<0.005	
10056	1.41	0.013	0.002	<0.005	
10057	1.43	0.003	0.001	<0.005	
10058	1.28	0.003	0.002	<0.005	
10059	1.94	0.001	0.001	<0.005	
10060	1.24	0.003	<0.001	0.005	
10061	1.81	0.003	0.001	<0.005	
10062	0.92	0.045	0.002	<0.005	
10063	0.94	0.002	0.001	<0.005	
10064	1.61	0.002	0.001	<0.005	
10065	1.57	0.005	0.001	0.006	
10066	2.22	0.006	0.002	<0.005	
10067	1.69	0.003	0.001	<0.005	
10068	1.94	0.008	0.002	<0.005	
10069	2.14	0.004	0.001	0.006	
10070	2.15	0.020	0.001	<0.005	
10071	2.09	0.030	0.002	<0.005	
10072	1.41	0.001	<0.001	0.005	
10073	0.88	0.001	<0.001	<0.005	
10074	0.59	0.010	0.001	<0.005	
10075	1.94	0.003	<0.001	<0.005	
10076	1.61	0.015	<0.001	<0.005	
10077	0.49	0.002	<0.001	0.008	
10078	1.94	0.003	0.001	0.005	
10079	1.70	0.015	0.002	<0.005	
10080	1.98	0.007	0.002	<0.005	
10081	1.13	0.037	0.001	<0.005	

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AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10082	0.54	<0.001	0.001	0.006	
10083	1.88	0.003	0.002	<0.005	
10084	2.64	0.003	0.001	<0.005	
10085	2.02	0.002	<0.001	<0.005	
10086	1.50	0.002	<0.001	0.007	
10087	1.55	0.002	<0.001	<0.005	
10088	0.39	0.002	<0.001	<0.005	
10089	1.98	<0.001	<0.001	<0.005	
10090	0.87	0.002	0.001	<0.005	
10091	2.00	0.007	0.002	0.006	
10092	1.87	0.002	0.002	0.006	
10093	2.01	0.008	0.003	<0.005	
10094	1.05	0.003	0.004	<0.005	
10095	1.63	0.018	0.002	0.006	
10096	1.72	0.001	0.002	<0.005	
10097	1.92	0.001	0.002	<0.005	
10098	2.08	0.003	0.002	0.005	
10099	1.95	0.002	0.004	0.005	
10100	1.20	0.004	0.007	0.006	
10101	0.96	0.014	0.007	<0.005	
10102	1.09	0.010	0.004	0.006	
10103	1.13	0.004	0.007	0.009	
10104	0.66	0.013	0.006	0.006	
10105	2.09	0.005	0.004	0.008	
10106	1.53	0.010	0.002	<0.005	
10107	1.59	0.003	0.002	<0.005	
10108	1.21	0.002	0.002	<0.005	
10109	0.79	0.006	0.002	0.005	
10110	0.99	0.004	0.002	<0.005	
10111	0.94	0.010	0.002	0.007	
10112	0.76	0.015	0.001	<0.005	

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AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10113	1.69	0.008	0.002	<0.005	
10114	1.57	0.013	0.002	0.007	
10115	1.77	0.003	0.002	<0.005	
10116	1.35	0.005	0.001	<0.005	
10117	1.23	0.010	0.002	0.005	
10118	2.17	0.005	0.001	<0.005	
10119	2.09	0.002	0.002	<0.005	
10120	2.08	0.009	0.002	<0.005	
10121	2.33	0.004	0.002	0.006	
10122	2.06	0.004	0.001	<0.005	
10123	2.18	0.057	0.001	<0.005	
10124	1.16	0.005	<0.001	<0.005	
10125	0.95	0.001	0.001	<0.005	
10151	1.13	0.003	0.001	<0.005	
10152	2.83	0.003	0.001	<0.005	
10153	2.07	0.002	<0.001	<0.005	
10154	1.16	0.003	<0.001	<0.005	
07319	0.06	>10	0.001	<0.005	90.9
07320	0.06	>10	0.002	0.013	22.2
07321	0.06	2.59	<0.001	<0.005	
07322	0.06	1.81	<0.001	0.007	
07323	1.39	0.021	0.004	0.006	
07324	0.08	0.985	0.123	0.250	
07325	0.07	1.68	0.001	0.005	
07326	0.07	0.359	0.001	<0.005	

Comments: RDL - Reported Detection Limit

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis

RPT Date: Sep 24, 2012

PARAMETER	Batch	REPLICATE Sample Id	Original	Rep #1	RPD	Method Blank	REFERENCE MATERIAL Result Value	Expect Value	Recovery	Acceptable Limits Lower	Upper
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622838	0.40	0.39	2.5%	< 0.01	11.8	13.0	90%	80%	120%
Al	1	3622838	0.320	0.329	2.8%	< 0.01				80%	120%
As	1	3622838	4.88	4.52	7.7%	0.2				80%	120%
Au	1	3622838	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	3622838	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3622838	55	57	3.6%	< 1				80%	120%
Be	1	3622838	0.20	0.20	0.0%	< 0.05				80%	120%
Bi	1	3622838	0.183	0.188	2.7%	< 0.01				80%	120%
Ca	1	3622838	0.055	0.046	17.8%	< 0.01				80%	120%
Cd	1	3622838	1.41	1.47	4.2%	< 0.01				80%	120%
Ce	1	3622838	57.3	57.9	1.0%	< 0.01				80%	120%
Co	1	3622838	6.2	6.2	0.0%	< 0.1				80%	120%
Cr	1	3622838	27.7	29.4	6.0%	< 0.5				80%	120%
Cs	1	3622838	0.361	0.371	2.7%	< 0.05				80%	120%
Cu	1	3622838	32.7	26.5	20.9%	< 0.1	5936	6000	98%	80%	120%
Fe	1	3622838	2.95	3.00	1.7%	< 0.01				80%	120%
Ga	1	3622838	1.09	1.10	0.9%	< 0.05				80%	120%
Ge	1	3622838	0.166	0.164	1.2%	0.07				80%	120%
Hf	1	3622838	0.23	0.23	0.0%	< 0.02				80%	120%
Hg	1	3622838	< 0.01	0.01		< 0.01				80%	120%
In	1	3622838	0.019	0.019	0.0%	< 0.005				80%	120%
K	1	3622838	0.185	0.189	2.1%	< 0.01				80%	120%
La	1	3622838	28.3	29.0	2.4%	< 0.1				80%	120%
Li	1	3622838	0.3	0.3	0.0%	< 0.1				80%	120%
Mg	1	3622838	0.02	0.02	0.0%	< 0.01				80%	120%
Mn	1	3622838	280	287	2.5%	< 1				80%	120%
Mo	1	3622838	13.1	13.0	0.8%	< 0.05	349	360	96%	80%	120%
Na	1	3622838	0.02	0.02	0.0%	< 0.01				80%	120%
Nb	1	3622838	0.103	0.107	3.8%	< 0.05				80%	120%
Ni	1	3622838	31.8	33.2	4.3%	< 0.2				80%	120%
P	1	3622838	300	318	5.8%	< 10	671	600	112%	80%	120%
Pb	1	3622838	5.0	5.1	2.0%	< 0.1				80%	120%
Rb	1	3622838	8.8	8.8	0.0%	< 0.1				80%	120%
Re	1	3622838	0.001	0.001	0.0%	< 0.001				80%	120%
S	1	3622838	0.0140	0.0134	4.4%	< 0.005				80%	120%
Sb	1	3622838	0.29	0.29	0.0%	< 0.05				80%	120%
Sc	1	3622838	1.9	1.9	0.0%	< 0.1				80%	120%
Se	1	3622838	2.0	2.0	0.0%	< 0.2				80%	120%
Sn	1	3622838	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622838	14.2	14.3	0.7%	< 0.2				80%	120%
Ta	1	3622838	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622838	0.085	0.083	2.4%	< 0.01				80%	120%
Th	1	3622838	8.90	8.95	0.6%	< 0.1				80%	120%
Ti	1	3622838	< 0.005	< 0.005	0.0%	< 0.005				80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Tl	1	3622838	0.06	0.06	0.0%	< 0.01				80%	120%
U	1	3622838	1.18	1.20	1.7%	< 0.05				80%	120%
V	1	3622838	8.63	9.18	6.2%	< 0.5				80%	120%
W	1	3622838	3.12	3.17	1.6%	< 0.05				80%	120%
Y	1	3622838	4.59	4.51	1.8%	< 0.05	5	7	75%	80%	120%
Zn	1	3622838	161	169	4.8%	< 0.5				80%	120%
Zr	1	3622838	9.02	8.83	2.1%	< 0.5				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622838	0.002	0.003		< 0.001	0.32	0.321	100%	80%	120%
Pd	1	3622838	0.001	0.002		< 0.001	0.041	0.037	111%	80%	120%
Pt	1	3622838	< 0.005	< 0.005	0.0%	< 0.005	0.078	0.090	86%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622851	0.002	0.003		< 0.001	0.308	0.321	96%	80%	120%
Pd	1	3622851	0.0015	0.0017	12.5%	< 0.001	0.034	0.037	92%	80%	120%
Pt	1	3622851	< 0.005	< 0.005	0.0%	< 0.005	0.088	0.090	98%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622863	0.0145	0.0123	16.4%	< 0.001	0.299	0.321	93%	80%	120%
Pd	1	3622863	< 0.001	0.001		< 0.001	0.035	0.037	95%	80%	120%
Pt	1	3622863	< 0.005	< 0.005	0.0%	< 0.005	0.096	0.090	106%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622876	< 0.001	0.001		< 0.001				80%	120%
Pd	1	3622876	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
Pt	1	3622876	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622888	0.014	0.020		< 0.001				80%	120%
Pd	1	3622888	0.0074	0.0080	7.8%	< 0.001				80%	120%
Pt	1	3622888	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622899	0.015	0.015	0.0%	< 0.001				80%	120%
Pd	1	3622899	0.001	0.001	0.0%	< 0.001				80%	120%
Pt	1	3622899	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622913	0.0026	0.0021	21.3%	< 0.001				80%	120%
Pd	1	3622913	0.001	< 0.001		< 0.001				80%	120%
Pt	1	3622913	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622921	0.0212	0.0203	4.3%	< 0.001				80%	120%
Pd	1	3622921	0.0037	0.0034	8.5%	< 0.001				80%	120%
Pt	1	3622921	0.006	< 0.005		< 0.005				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622863	11.1	11.5	3.5%	< 0.01	12.1	13.0	93%	80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Al	1	3622863	0.29	0.29	0.0%	< 0.01				80%	120%
As	1	3622863	8.70	8.77	0.8%	< 0.1				80%	120%
Au	1	3622863	< 0.01	0.01		< 0.01				80%	120%
B	1	3622863	< 5	< 5	0.0%	< 5	7.11	7.00	102%	80%	120%
Ba	1	3622863	51	50	2.0%	< 1				80%	120%
Be	1	3622863	0.148	0.143	3.4%	< 0.05	0.3	0.4	76%	80%	120%
Bi	1	3622863	36.1	37.1	2.7%	< 0.01				80%	120%
Ca	1	3622863	4.06	4.05	0.2%	< 0.01				80%	120%
Cd	1	3622863	1.75	1.78	1.7%	< 0.01				80%	120%
Ce	1	3622863	11.3	12.3	8.5%	0.01				80%	120%
Co	1	3622863	6.23	6.45	3.5%	< 0.1				80%	120%
Cr	1	3622863	30.9	31.5	1.9%	< 0.5				80%	120%
Cs	1	3622863	0.254	0.269	5.7%	< 0.05				80%	120%
Cu	1	3622863	9.80	9.88	0.8%	< 0.1	5991	6000	99%	80%	120%
Fe	1	3622863	1.72	1.70	1.2%	< 0.01				80%	120%
Ga	1	3622863	1.23	1.27	3.2%	< 0.05				80%	120%
Ge	1	3622863	0.075	0.057	27.3%	0.05				80%	120%
Hf	1	3622863	0.28	0.28	0.0%	< 0.02				80%	120%
Hg	1	3622863	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	3622863	0.019	0.019	0.0%	< 0.005				80%	120%
K	1	3622863	0.11	0.11	0.0%	< 0.01				80%	120%
La	1	3622863	5.0	5.5	9.5%	< 0.1				80%	120%
Li	1	3622863	3.6	3.7	2.7%	< 0.1				80%	120%
Mg	1	3622863	1.17	1.17	0.0%	< 0.01				80%	120%
Mn	1	3622863	1110	1120	0.9%	< 1				80%	120%
Mo	1	3622863	20.1	21.3	5.8%	< 0.05	351	360	97%	80%	120%
Na	1	3622863	0.04	0.04	0.0%	< 0.01				80%	120%
Nb	1	3622863	0.144	0.154	6.7%	< 0.05				80%	120%
Ni	1	3622863	24.6	24.7	0.4%	< 0.2				80%	120%
P	1	3622863	3120	3160	1.3%	< 10	688	600	115%	80%	120%
Pb	1	3622863	2040	2100	2.9%	0.1				80%	120%
Rb	1	3622863	7.43	7.57	1.9%	< 0.1				80%	120%
Re	1	3622863	0.011	0.011	0.0%	< 0.001				80%	120%
S	1	3622863	1.60	1.57	1.9%	< 0.005				80%	120%
Sb	1	3622863	1.14	1.14	0.0%	< 0.05				80%	120%
Sc	1	3622863	3.7	3.8	2.7%	< 0.1				80%	120%
Se	1	3622863	4.59	4.66	1.5%	< 0.2				80%	120%
Sn	1	3622863	0.2	0.2	0.0%	< 0.2				80%	120%
Sr	1	3622863	449	462	2.9%	< 0.2				80%	120%
Ta	1	3622863	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622863	0.71	0.73	2.8%	< 0.01				80%	120%
Th	1	3622863	3.7	3.8	2.7%	< 0.1				80%	120%
Ti	1	3622863	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622863	0.11	0.11	0.0%	< 0.01				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
U	1	3622863	1.75	1.74	0.6%	< 0.05				80%	120%
V	1	3622863	6.3	5.8	8.3%	< 0.5				80%	120%
W	1	3622863	0.64	0.78	19.7%	< 0.05				80%	120%
Y	1	3622863	13.8	14.3	3.6%	< 0.05	5	7	75%	80%	120%
Zn	1	3622863	108	108	0.0%	< 0.5				80%	120%
Zr	1	3622863	8.31	8.67	4.2%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622888	7.74	8.16	5.3%	< 0.01	12.4	13.0	96%	80%	120%
Al	1	3622888	0.11	0.11	0.0%	< 0.01				80%	120%
As	1	3622888	139	147	5.6%	0.1				80%	120%
Au	1	3622888	0.017	0.015	12.5%	< 0.01				80%	120%
B	1	3622888	< 5	< 5	0.0%	< 5	6.64	7.00	95%	80%	120%
Ba	1	3622888	25	26	3.9%	< 1				80%	120%
Be	1	3622888	0.12	0.12	0.0%	< 0.05	0.3	0.4	73%	80%	120%
Bi	1	3622888	26.0	27.3	4.9%	< 0.01				80%	120%
Ca	1	3622888	8.87	9.30	4.7%	0.02				80%	120%
Cd	1	3622888	3.38	3.46	2.3%	< 0.01				80%	120%
Ce	1	3622888	7.48	7.81	4.3%	< 0.01				80%	120%
Co	1	3622888	11.1	12.1	8.6%	< 0.1				80%	120%
Cr	1	3622888	16.7	18.1	8.0%	< 0.5				80%	120%
Cs	1	3622888	0.185	0.191	3.2%	< 0.05				80%	120%
Cu	1	3622888	53.3	57.2	7.1%	< 0.1	6027	6000	100%	80%	120%
Fe	1	3622888	6.06	6.48	6.7%	< 0.01				80%	120%
Ga	1	3622888	0.802	0.836	4.2%	< 0.05				80%	120%
Ge	1	3622888	< 0.05	< 0.05	0.0%	0.08				80%	120%
Hf	1	3622888	0.16	0.16	0.0%	< 0.02				80%	120%
Hg	1	3622888	0.02	0.02	0.0%	< 0.01				80%	120%
In	1	3622888	0.0405	0.0412	1.7%	< 0.005				80%	120%
K	1	3622888	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	3622888	3.25	3.37	3.6%	< 0.1				80%	120%
Li	1	3622888	0.7	0.7	0.0%	< 0.1				80%	120%
Mg	1	3622888	1.57	1.66	5.6%	< 0.01				80%	120%
Mn	1	3622888	2830	2980	5.2%	< 1				80%	120%
Mo	1	3622888	531	565	6.2%	< 0.05	356	360	98%	80%	120%
Na	1	3622888	0.03	0.03	0.0%	< 0.01				80%	120%
Nb	1	3622888	0.297	0.291	2.0%	< 0.05				80%	120%
Ni	1	3622888	101	108	6.7%	< 0.2				80%	120%
P	1	3622888	1800	1950	8.0%	< 10	685	600	114%	80%	120%
Pb	1	3622888	1570	1660	5.6%	< 0.1				80%	120%
Rb	1	3622888	2.4	2.5	4.1%	< 0.1				80%	120%
Re	1	3622888	0.122	0.129	5.6%	< 0.001				80%	120%
S	1	3622888	7.28	7.81	7.0%	0.009				80%	120%
Sb	1	3622888	2.51	2.61	3.9%	< 0.05				80%	120%
Sc	1	3622888	7.76	8.15	4.9%	< 0.1				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Se	1	3622888	12.9	14.1	8.9%	< 0.2				80%	120%
Sn	1	3622888	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622888	1210	1290	6.4%	< 0.2				80%	120%
Ta	1	3622888	0.01	< 0.01		< 0.01				80%	120%
Te	1	3622888	0.90	0.98	8.5%	< 0.01				80%	120%
Th	1	3622888	2.81	2.86	1.8%	< 0.1				80%	120%
Ti	1	3622888	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622888	0.08	0.08	0.0%	< 0.01				80%	120%
U	1	3622888	1.89	1.89	0.0%	< 0.05				80%	120%
V	1	3622888	2.6	2.5	3.9%	< 0.5				80%	120%
W	1	3622888	2.76	2.93	6.0%	< 0.05				80%	120%
Y	1	3622888	27.1	28.8	6.1%	< 0.05				80%	120%
Zn	1	3622888	125	125	0.0%	< 0.5				80%	120%
Zr	1	3622888	3.95	4.13	4.5%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622913	0.078	0.071	9.4%	< 0.01	12.4	13.0	95%	80%	120%
Al	1	3622913	0.29	0.30	3.4%	< 0.01				80%	120%
As	1	3622913	7.9	7.8	1.3%	< 0.1				80%	120%
Au	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	3622913	< 5	< 5	0.0%	< 5	5.59	7.00	80%	80%	120%
Ba	1	3622913	53	55	3.7%	< 1				80%	120%
Be	1	3622913	0.212	0.202	4.8%	< 0.05				80%	120%
Bi	1	3622913	0.203	0.193	5.1%	< 0.01				80%	120%
Ca	1	3622913	1.24	1.28	3.2%	< 0.01				80%	120%
Cd	1	3622913	0.169	0.160	5.5%	< 0.01				80%	120%
Ce	1	3622913	19.9	19.4	2.5%	< 0.01				80%	120%
Co	1	3622913	12.7	12.9	1.6%	< 0.1				80%	120%
Cr	1	3622913	26.4	25.1	5.0%	< 0.5				80%	120%
Cs	1	3622913	0.57	0.54	5.4%	< 0.05				80%	120%
Cu	1	3622913	35.4	37.1	4.7%	< 0.1	6052	6000	100%	80%	120%
Fe	1	3622913	3.29	3.39	3.0%	< 0.01				80%	120%
Ga	1	3622913	0.792	0.800	1.0%	< 0.05				80%	120%
Ge	1	3622913	0.114	0.119	4.3%	< 0.05				80%	120%
Hf	1	3622913	0.071	0.064	10.4%	< 0.02				80%	120%
Hg	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	3622913	0.0200	0.0206	3.0%	< 0.005				80%	120%
K	1	3622913	0.181	0.185	2.2%	< 0.01				80%	120%
La	1	3622913	9.59	9.43	1.7%	< 0.1				80%	120%
Li	1	3622913	0.4	0.4	0.0%	< 0.1				80%	120%
Mg	1	3622913	1.01	1.04	2.9%	< 0.01				80%	120%
Mn	1	3622913	527	544	3.2%	< 1				80%	120%
Mo	1	3622913	1.49	1.42	4.8%	< 0.05	344	360	95%	80%	120%
Na	1	3622913	0.015	0.015	0.0%	< 0.01				80%	120%
Nb	1	3622913	0.158	0.141	11.4%	< 0.05				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ni	1	3622913	31.0	32.6	5.0%	< 0.2				80%	120%
P	1	3622913	609	631	3.5%	< 10	668	600	111%	80%	120%
Pb	1	3622913	9.55	9.43	1.3%	< 0.1				80%	120%
Rb	1	3622913	8.2	8.1	1.2%	< 0.1				80%	120%
Re	1	3622913	0.001	0.001	0.0%	< 0.001				80%	120%
S	1	3622913	0.833	0.861	3.3%	< 0.005				80%	120%
Sb	1	3622913	0.41	0.66		< 0.05				80%	120%
Sc	1	3622913	2.1	2.1	0.0%	< 0.1				80%	120%
Se	1	3622913	1.30	1.24	4.7%	< 0.2				80%	120%
Sn	1	3622913	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622913	76.3	76.4	0.1%	< 0.2				80%	120%
Ta	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622913	0.081	0.074	9.0%	< 0.01				80%	120%
Th	1	3622913	5.56	5.42	2.6%	< 0.1				80%	120%
Ti	1	3622913	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622913	0.05	0.05	0.0%	< 0.01				80%	120%
U	1	3622913	1.28	1.28	0.0%	< 0.05				80%	120%
V	1	3622913	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
W	1	3622913	0.13	0.13	0.0%	< 0.05				80%	120%
Y	1	3622913	2.95	2.95	0.0%	< 0.05				80%	120%
Zn	1	3622913	92.3	86.6	6.4%	< 0.5				80%	120%
Zr	1	3622913	2.7	2.6	3.8%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622921	3.35	3.39	1.2%	< 0.01	12.1	13.0	93%	80%	120%
Al	1	3622921	0.424	0.432	1.9%	< 0.01				80%	120%
As	1	3622921	104	104	0.0%	< 0.1				80%	120%
Au	1	3622921	0.01	< 0.01		< 0.01				80%	120%
B	1	3622921	< 5	< 5	0.0%	< 5	6.14	7.00	88%	80%	120%
Ba	1	3622921	20	21	4.9%	< 1				80%	120%
Be	1	3622921	0.05	0.05	0.0%	< 0.05				80%	120%
Bi	1	3622921	6.92	6.92	0.0%	< 0.01				80%	120%
Ca	1	3622921	0.19	0.19	0.0%	< 0.01				80%	120%
Cd	1	3622921	2.08	2.06	1.0%	< 0.01				80%	120%
Ce	1	3622921	15.3	16.6	8.2%	< 0.01				80%	120%
Co	1	3622921	13.8	14.1	2.2%	< 0.1				80%	120%
Cr	1	3622921	28.4	28.7	1.1%	< 0.5				80%	120%
Cs	1	3622921	0.133	0.141	5.8%	< 0.05				80%	120%
Cu	1	3622921	855	879	2.8%	< 0.1	5837	6000	97%	80%	120%
Fe	1	3622921	6.58	6.58	0.0%	< 0.01				80%	120%
Ga	1	3622921	1.65	1.73	4.7%	< 0.05				80%	120%
Ge	1	3622921	0.170	0.175	2.9%	< 0.05				80%	120%
Hf	1	3622921	0.283	0.293	3.5%	< 0.02				80%	120%
Hg	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
In	1	3622921	1.25	1.26	0.8%	< 0.005				80%	120%
K	1	3622921	0.07	0.07	0.0%	< 0.01				80%	120%
La	1	3622921	6.2	6.6	6.3%	< 0.1				80%	120%
Li	1	3622921	4.94	5.22	5.5%	< 0.1				80%	120%
Mg	1	3622921	1.50	1.51	0.7%	< 0.01				80%	120%
Mn	1	3622921	996	1020	2.4%	< 1				80%	120%
Mo	1	3622921	2.80	2.77	1.1%	< 0.05	335	360	93%	80%	120%
Na	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%
Nb	1	3622921	0.14	0.15	6.9%	< 0.05				80%	120%
Ni	1	3622921	30.6	31.0	1.3%	< 0.2				80%	120%
P	1	3622921	248	252	1.6%	< 10	654	600	109%	80%	120%
Pb	1	3622921	270	269	0.4%	< 0.1				80%	120%
Rb	1	3622921	3.44	3.63	5.4%	< 0.1				80%	120%
Re	1	3622921	0.008	0.008	0.0%	< 0.001				80%	120%
S	1	3622921	2.56	2.51	2.0%	< 0.005				80%	120%
Sb	1	3622921	0.26	0.28	7.4%	< 0.05				80%	120%
Sc	1	3622921	1.72	1.80	4.5%	< 0.1				80%	120%
Se	1	3622921	2.4	2.4	0.0%	< 0.2				80%	120%
Sn	1	3622921	4.61	4.70	1.9%	< 0.2				80%	120%
Sr	1	3622921	8.2	8.3	1.2%	< 0.2				80%	120%
Ta	1	3622921	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622921	0.06	0.06	0.0%	< 0.01				80%	120%
Th	1	3622921	2.41	2.48	2.9%	< 0.1				80%	120%
Ti	1	3622921	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%
U	1	3622921	3.13	3.14	0.3%	< 0.05				80%	120%
V	1	3622921	12.4	12.5	0.8%	< 0.5				80%	120%
W	1	3622921	0.190	0.182	4.3%	< 0.05				80%	120%
Y	1	3622921	2.12	2.17	2.3%	< 0.05				80%	120%
Zn	1	3622921	543	538	0.9%	< 0.5				80%	120%
Zr	1	3622921	11.9	12.3	3.3%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1					< 0.01	11.8	13.0	91%	80%	120%
B	1					< 5	6.7	7.00	96%	80%	120%
Cu	1					< 0.1	5798	6000	96%	80%	120%
Mo	1					< 0.05	333	360	92%	80%	120%
P	1					< 10	657	600	109%	80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1					< 0.01	12.2	13.0	94%	80%	120%
B	1					< 5	7.59	7.00	108%	80%	120%
Be	1					< 0.05	0.3	0.4	81%	80%	120%
Mo	1					< 0.05	356	360	98%	80%	120%
P	1					< 10	708	600	118%	80%	120%
Y	1					< 0.05	6	7	80%	80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper

Certified By:

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Method Summary

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS

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Method Summary

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Au-Grav			GRAVIMETRIC

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CLIENT NAME: BARKER MINERALS LTD.
8384 TOOMBS DR.
PRINCE GEORGE, BC V2K5A3
(250) 563-8752

ATTENTION TO: LOUIS DOYLE

PROJECT NO:

AGAT WORK ORDER: 12V632065

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Sep 24, 2012

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10051	0.40	0.32	4.9	<0.01	<5	55	0.20	0.18	0.06	1.41	57.3	6.2	27.7	0.36
10052	0.16	0.37	1.2	<0.01	<5	51	0.21	0.11	0.07	5.31	45.0	17.1	46.4	0.82
10053	0.20	0.38	1.7	<0.01	<5	66	0.24	0.31	0.57	3.18	32.2	14.2	18.9	0.58
10054	0.09	0.34	22.5	<0.01	<5	54	0.17	0.25	0.18	1.62	28.6	11.3	23.4	0.89
10055	0.18	0.32	61.3	<0.01	<5	53	0.24	0.40	2.62	1.05	23.1	13.4	18.4	1.05
10056	0.08	0.43	27.3	<0.01	<5	46	0.33	0.24	4.24	1.34	38.3	15.0	13.1	1.36
10057	0.05	0.49	11.6	<0.01	<5	49	0.30	0.17	1.87	0.77	37.9	13.1	25.1	1.30
10058	0.06	0.44	0.9	<0.01	<5	72	0.26	0.25	1.18	0.38	33.9	16.7	13.3	1.49
10059	0.05	1.27	0.4	<0.01	<5	42	0.27	0.22	1.03	0.22	33.6	14.5	27.1	0.72
10060	0.06	0.57	0.9	<0.01	<5	37	0.20	0.44	3.04	0.53	27.8	13.7	18.7	0.47
10061	0.09	0.45	5.3	<0.01	<5	70	0.22	0.29	1.62	0.42	20.5	21.2	11.8	0.40
10062	19.2	0.10	70.3	0.03	<5	16	0.07	62.2	10.3	2.25	7.04	5.5	16.4	0.15
10063	0.09	0.87	6.5	<0.01	<5	158	0.45	0.25	3.09	0.55	28.5	15.0	20.3	0.42
10064	0.05	0.49	1.2	<0.01	<5	126	0.26	0.27	0.85	0.16	23.4	13.3	21.7	0.92
10065	0.06	0.42	7.0	<0.01	<5	68	0.26	0.41	1.91	0.28	17.9	14.5	20.5	0.65
10066	0.06	0.46	18.9	<0.01	<5	82	0.24	0.26	1.44	0.23	24.8	12.0	19.5	0.64
10067	0.30	0.47	15.9	<0.01	<5	107	0.31	0.84	1.93	0.40	19.3	10.4	19.0	0.27
10068	0.04	0.52	6.9	<0.01	<5	118	0.29	0.05	1.03	0.30	26.8	14.2	19.5	0.35
10069	0.16	0.51	9.7	<0.01	<5	117	0.29	0.38	0.96	0.27	24.4	15.4	12.5	0.45
10070	17.7	0.19	17.6	0.01	<5	26	0.12	56.6	6.41	1.38	10.2	14.2	13.4	0.26
10071	6.12	0.28	17.5	<0.01	<5	52	0.18	21.2	5.72	1.58	11.0	17.3	22.0	0.31
10072	0.13	0.33	7.9	<0.01	<5	59	0.20	0.38	1.39	0.58	15.1	10.0	25.4	0.36
10073	0.05	0.15	3.8	<0.01	<5	27	0.11	0.14	3.54	0.29	6.25	4.3	25.5	0.15
10074	6.20	0.17	21.0	<0.01	<5	31	0.13	18.6	2.37	16.8	14.0	15.7	34.5	0.19
10075	1.64	0.33	8.1	<0.01	<5	55	0.19	5.05	2.52	0.61	14.5	11.6	27.4	0.52
10076	11.1	0.29	8.7	<0.01	<5	51	0.15	36.1	4.06	1.75	11.3	6.2	30.9	0.25
10077	0.12	0.35	1.4	<0.01	<5	100	0.27	0.30	4.82	1.06	14.7	5.8	24.2	0.23
10078	0.42	0.37	10.4	<0.01	<5	109	0.28	1.06	4.69	2.57	11.6	7.3	19.0	0.27
10079	6.22	0.32	15.4	<0.01	<5	82	0.21	21.4	4.35	1.77	11.2	10.1	27.2	0.22
10080	0.10	0.38	3.1	<0.01	<5	89	0.22	0.33	3.12	1.13	12.6	10.6	16.7	0.43
10081	0.06	0.41	5.9	<0.01	<5	93	0.19	0.34	3.25	1.04	13.9	10.1	29.5	0.49
10082	35.3	0.11	12.5	0.12	<5	26	0.09	94.3	14.4	3.96	8.82	3.8	14.8	0.11

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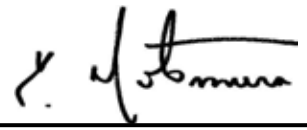

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10083	2.22	0.33	10.4	<0.01	<5	79	0.22	6.96	4.85	7.74	9.38	12.9	19.8	0.50
10084	3.49	0.23	9.7	<0.01	<5	44	0.17	9.26	3.78	0.87	14.1	12.4	13.4	0.36
10085	0.10	0.23	9.2	<0.01	<5	49	0.15	0.34	2.13	0.55	16.1	12.7	30.3	0.54
10086	0.17	0.25	7.5	<0.01	<5	37	0.17	0.53	2.03	0.65	18.6	12.5	17.8	0.52
10087	0.12	0.25	5.3	<0.01	<5	64	0.18	0.35	1.32	0.32	17.9	10.6	33.6	0.39
10088	5.38	0.14	9.1	<0.01	<5	15	0.07	14.5	4.86	2.29	7.37	4.5	12.4	0.08
10089	0.11	0.34	7.2	<0.01	<5	95	0.22	0.25	0.66	0.30	26.1	13.1	24.9	0.35
10090	0.51	0.32	5.0	<0.01	<5	93	0.24	1.16	1.62	2.05	17.7	12.1	13.3	0.39
10091	0.25	0.30	3.0	<0.01	<5	74	0.21	0.79	2.50	0.89	11.7	11.5	23.2	0.80
10092	0.12	0.27	6.9	<0.01	<5	76	0.20	0.28	1.98	5.78	11.0	10.6	31.8	0.61
10093	51.7	0.14	19.1	<0.01	<5	21	0.10	173	6.60	8.25	8.66	7.3	13.8	0.20
10094	4.52	0.14	18.9	<0.01	<5	22	0.13	16.6	4.70	2.17	11.0	8.6	19.8	0.20
10095	1.29	0.36	127	<0.01	<5	109	0.32	1.31	1.88	2.91	13.7	15.4	19.4	3.34
10096	2.08	0.24	8.5	<0.01	<5	46	0.20	6.81	4.17	0.84	12.8	8.2	28.5	0.47
10097	0.12	0.30	12.1	<0.01	<5	87	0.31	0.28	2.26	0.31	16.2	10.0	17.7	0.44
10098	8.29	0.29	14.2	<0.01	<5	63	0.18	26.2	5.30	3.58	11.8	7.4	25.7	0.54
10099	1.21	0.25	45.2	<0.01	<5	69	0.19	3.58	3.74	12.0	12.0	8.6	28.9	0.43
10100	0.60	0.36	71.5	<0.01	<5	119	0.29	1.81	3.10	12.3	10.3	11.0	22.2	0.83
10101	7.74	0.11	139	0.02	<5	25	0.12	26.0	8.87	3.38	7.48	11.1	16.7	0.18
10102	21.9	0.14	27.7	<0.01	<5	20	0.11	69.9	4.59	11.4	9.67	7.1	25.8	0.20
10103	0.52	0.28	107	<0.01	<5	112	0.23	1.70	4.66	21.8	8.02	10.0	20.3	0.44
10104	3.16	0.33	142	<0.01	<5	201	0.31	7.55	4.12	12.7	8.20	12.4	40.7	2.23
10105	0.42	0.30	77.2	<0.01	<5	74	0.26	0.42	3.75	6.94	10.6	8.9	19.0	0.51
10106	0.25	0.28	37.8	<0.01	<5	71	0.17	0.14	3.51	0.83	17.6	7.5	28.1	0.32
10107	0.33	0.28	39.6	<0.01	<5	70	0.15	0.14	4.15	0.83	12.9	6.8	15.9	0.22
10108	0.22	0.24	41.6	<0.01	<5	60	0.14	0.11	3.59	0.61	15.5	7.1	31.5	0.23
10109	0.22	0.28	45.8	<0.01	<5	81	0.17	0.13	3.42	1.11	16.1	6.5	20.8	0.33
10110	0.25	0.27	43.2	<0.01	<5	74	0.18	0.14	3.55	0.76	15.3	7.2	27.6	0.38
10111	0.28	0.39	48.6	<0.01	<5	101	0.23	0.13	2.96	0.86	18.5	8.1	21.3	0.42
10112	0.21	0.36	40.1	<0.01	<5	49	0.22	0.22	2.50	0.78	20.2	13.6	30.3	0.46
10113	0.18	0.34	42.0	<0.01	<5	56	0.24	0.34	2.89	1.49	20.7	11.5	18.4	0.48
10114	0.11	0.28	40.3	<0.01	<5	49	0.22	0.17	3.77	0.88	18.0	9.7	28.5	0.48

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
10115	0.15	0.38	22.8	<0.01	<5	55	0.28	0.11	1.40	0.35	27.8	12.7	12.9	0.67
10116	0.17	0.32	22.7	<0.01	<5	43	0.22	0.14	1.77	0.58	23.4	12.0	25.8	0.67
10117	0.28	0.38	17.0	<0.01	<5	55	0.28	0.30	3.51	5.47	17.6	12.9	14.3	0.92
10118	0.20	0.35	5.7	<0.01	<5	51	0.22	0.27	2.24	0.49	21.1	12.7	19.5	0.87
10119	0.21	0.44	1.4	<0.01	<5	62	0.21	0.28	3.32	0.64	21.8	9.2	17.7	0.69
10120	0.14	0.59	0.9	<0.01	<5	51	0.19	0.20	2.95	0.59	24.0	9.3	23.3	0.65
10121	0.12	1.30	0.7	<0.01	<5	68	0.25	0.20	1.16	0.39	39.1	13.1	23.0	0.61
10122	0.13	0.32	3.8	<0.01	<5	49	0.20	0.29	2.16	0.64	26.0	12.4	19.5	0.57
10123	0.10	0.31	19.3	<0.01	<5	47	0.22	0.24	3.86	1.65	22.0	11.7	29.9	0.54
10124	0.09	0.18	15.5	<0.01	<5	39	0.14	0.15	1.85	0.69	9.52	6.1	69.6	0.39
10125	0.07	0.35	10.4	<0.01	<5	73	0.24	0.11	0.78	0.12	24.0	13.5	23.4	0.70
10151	0.08	0.29	7.9	<0.01	<5	53	0.21	0.20	1.24	0.17	19.9	12.7	26.4	0.57
10152	0.04	0.49	5.6	<0.01	<5	51	0.32	0.08	0.69	0.07	40.0	13.8	22.0	0.75
10153	0.05	1.27	0.6	<0.01	<5	61	0.32	0.11	1.32	0.16	40.5	14.6	17.9	0.56
10154	0.14	0.29	2.3	<0.01	<5	51	0.24	0.31	2.19	0.21	19.3	11.6	19.7	0.34
07319	4.41	0.14	1720	>25	<5	19	<0.05	3.06	0.12	1.17	4.78	217	202	0.07
07320	3.34	0.03	1320	17.7	<5	7	<0.05	2.66	0.07	1.48	1.26	271	169	<0.05
07321	1.82	0.60	488	2.42	<5	83	0.22	4.16	3.50	0.15	14.2	31.2	72.3	0.37
07322	1.84	0.52	517	1.42	<5	78	0.19	4.75	4.20	0.15	8.05	35.5	21.4	0.32
07323	3.35	0.42	104	0.01	<5	20	0.05	6.92	0.19	2.08	15.3	13.8	28.4	0.13
07324	0.89	1.10	4500	0.89	<5	73	0.14	12.6	2.33	0.66	13.6	446	40.5	0.84
07325	0.64	1.29	2450	1.58	32	34	0.16	47.0	5.80	0.61	16.7	80.1	29.0	0.90
07326	0.23	1.81	570	0.32	7	110	0.11	9.56	2.22	0.21	15.0	24.5	20.3	0.40

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Certificate of Analysis

AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

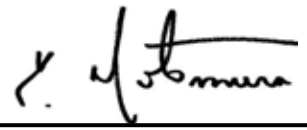
ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10051	32.7	2.95	1.09	0.17	0.23	<0.01	0.019	0.18	28.3	0.3	0.02	280	13.1	0.02
10052	33.7	3.34	0.96	0.16	0.17	0.01	0.021	0.12	22.5	0.9	0.06	410	5.43	0.04
10053	34.4	3.39	1.08	0.13	0.21	<0.01	0.017	0.19	15.9	1.0	0.21	551	6.59	0.03
10054	33.1	3.10	0.95	0.13	0.15	<0.01	0.013	0.17	14.3	1.0	0.18	327	3.94	0.03
10055	31.5	4.08	1.07	0.11	0.26	<0.01	0.017	0.15	11.5	0.8	1.07	1750	42.7	0.03
10056	24.5	3.43	1.31	0.08	0.16	<0.01	0.019	0.17	18.9	6.3	0.56	684	4.19	0.03
10057	25.7	3.49	1.23	0.13	0.23	<0.01	0.019	0.14	18.6	3.1	0.52	847	3.58	0.05
10058	29.7	3.69	1.21	0.14	0.20	<0.01	0.018	0.16	16.6	2.2	0.86	406	7.77	0.04
10059	29.8	3.72	3.63	0.13	0.17	<0.01	0.017	0.16	16.5	9.2	0.99	431	2.19	0.02
10060	54.7	3.49	1.59	0.10	0.16	<0.01	0.016	0.17	13.8	2.7	1.09	764	12.2	0.02
10061	63.0	3.71	1.25	0.12	0.12	<0.01	0.017	0.24	10.1	1.4	1.01	504	4.93	0.02
10062	29.4	7.63	0.45	<0.05	0.09	<0.01	0.051	0.02	3.1	0.5	0.35	2660	335	0.02
10063	105	3.15	2.41	0.10	0.10	0.01	0.013	0.47	13.8	1.9	0.86	698	5.91	0.03
10064	50.4	3.31	1.27	0.13	0.21	<0.01	0.015	0.26	11.7	6.0	0.85	263	9.08	0.02
10065	47.3	3.40	1.13	0.12	0.27	0.01	0.016	0.25	9.0	1.3	0.88	590	12.3	0.02
10066	43.7	3.44	1.29	0.12	0.18	0.01	0.021	0.28	12.2	0.7	1.19	523	9.08	0.01
10067	18.2	2.72	1.75	0.11	0.17	0.01	0.021	0.24	9.3	2.3	0.70	708	17.8	0.04
10068	19.7	3.39	1.60	0.13	0.12	0.01	0.020	0.29	13.1	1.7	0.90	587	1.60	0.02
10069	34.4	3.60	1.43	0.14	0.10	<0.01	0.020	0.31	12.0	1.5	1.01	531	6.25	0.01
10070	3.3	3.76	1.04	0.05	0.18	<0.01	0.026	0.06	4.2	1.8	1.03	2090	35.9	0.05
10071	7.1	4.92	1.61	0.08	0.22	<0.01	0.028	0.11	4.5	3.0	0.92	1740	214	0.04
10072	<0.1	2.88	1.64	0.12	0.16	<0.01	0.015	0.08	6.5	2.3	0.69	462	1.26	0.07
10073	<0.1	1.87	0.85	0.06	0.05	<0.01	0.011	0.04	3.0	0.8	1.92	1600	0.67	0.07
10074	0.5	3.91	0.95	0.12	0.12	0.06	0.173	0.06	6.2	0.7	1.02	866	7.37	0.06
10075	3.9	3.27	2.03	0.12	0.24	<0.01	0.014	0.14	6.3	7.7	1.13	893	4.63	0.07
10076	9.8	1.72	1.23	0.08	0.28	<0.01	0.019	0.11	5.0	3.6	1.17	1110	20.1	0.04
10077	62.4	1.28	1.05	<0.05	0.20	<0.01	0.012	0.20	8.3	3.1	2.35	640	55.4	0.01
10078	77.4	1.54	1.34	0.05	0.23	0.01	0.024	0.20	5.9	3.3	2.15	911	64.7	0.02
10079	22.4	2.17	1.29	0.07	0.30	0.01	0.020	0.16	5.1	3.0	2.11	987	46.8	0.02
10080	44.5	1.94	0.98	0.06	0.14	<0.01	0.011	0.23	5.6	1.6	1.67	496	7.96	0.01
10081	39.2	1.90	1.05	0.07	0.24	<0.01	0.011	0.24	6.6	1.5	1.59	525	23.6	<0.01
10082	10.3	2.01	0.62	<0.05	0.09	<0.01	0.087	0.03	3.6	0.6	0.78	3810	97.3	0.01

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10083	143	3.59	0.97	0.09	0.22	0.02	0.048	0.21	4.1	1.1	1.05	971	94.3	<0.01
10084	6.6	3.28	1.14	0.09	0.14	<0.01	0.023	0.10	6.0	1.8	1.03	1210	7.79	0.05
10085	0.3	3.59	1.34	0.12	0.18	<0.01	0.015	0.08	8.0	2.3	1.03	635	10.1	0.06
10086	6.4	3.32	1.35	0.12	0.13	<0.01	0.020	0.08	9.0	1.9	0.88	790	3.99	0.07
10087	5.1	2.78	0.88	0.13	0.10	<0.01	0.015	0.13	8.7	1.6	0.78	521	2.52	0.04
10088	4.4	1.59	0.55	0.06	0.07	<0.01	0.043	0.02	3.4	0.4	0.63	1490	18.8	0.09
10089	31.8	2.82	0.95	0.14	0.07	<0.01	0.016	0.22	12.5	1.3	0.81	462	1.36	0.02
10090	232	3.07	1.06	0.10	0.12	0.01	0.037	0.20	8.6	2.2	1.04	522	14.0	0.03
10091	35.6	2.89	0.93	0.09	0.13	<0.01	0.021	0.20	5.1	1.4	1.06	726	23.8	0.01
10092	75.6	2.79	0.73	0.09	0.11	0.01	0.025	0.20	4.8	1.6	1.05	445	10.6	<0.01
10093	6.0	2.49	0.82	<0.05	0.20	0.01	0.051	0.05	4.3	1.0	1.40	2250	189	0.04
10094	8.6	2.38	0.87	<0.05	0.22	0.01	0.024	0.06	5.2	1.8	1.52	1450	122	0.05
10095	49.8	3.36	1.00	0.11	0.26	0.02	0.030	0.16	6.3	0.8	0.85	1030	25.5	0.02
10096	25.4	2.02	1.02	<0.05	0.16	<0.01	0.024	0.13	5.8	4.7	1.84	848	12.9	0.03
10097	49.1	2.41	1.34	0.08	0.17	0.01	0.031	0.17	7.1	4.1	1.31	584	6.65	0.04
10098	30.1	2.03	1.29	<0.05	0.20	0.02	0.031	0.17	5.5	5.0	1.67	1310	48.6	0.02
10099	18.9	2.04	1.20	<0.05	0.16	0.05	0.084	0.13	5.6	1.3	1.32	916	77.0	0.03
10100	46.1	2.88	1.78	0.08	0.20	0.07	0.065	0.19	5.1	2.0	1.23	880	110	0.02
10101	53.3	6.06	0.80	<0.05	0.16	0.02	0.040	0.04	3.2	0.7	1.57	2830	531	0.03
10102	10.0	2.17	0.82	<0.05	0.16	0.05	0.099	0.05	4.3	1.0	1.62	1740	391	0.05
10103	43.6	2.38	1.64	<0.05	0.28	0.17	0.092	0.15	4.3	1.7	1.17	942	130	0.03
10104	69.2	3.12	1.20	0.06	0.29	0.10	0.060	0.15	5.0	1.4	1.12	866	174	0.01
10105	45.5	2.13	0.91	<0.05	0.17	0.04	0.034	0.16	5.1	0.6	1.59	572	21.1	0.01
10106	30.3	1.62	0.81	<0.05	0.10	<0.01	0.015	0.15	8.9	0.6	1.63	471	1.81	0.02
10107	26.8	1.84	0.77	0.07	0.08	0.01	0.013	0.15	5.8	0.6	1.94	573	1.69	0.02
10108	45.4	1.74	0.69	0.05	0.09	<0.01	0.012	0.12	6.9	0.5	1.63	543	2.22	0.02
10109	33.3	1.64	0.86	<0.05	0.14	<0.01	0.016	0.14	9.0	0.5	1.58	472	2.39	0.02
10110	35.4	1.82	0.77	<0.05	0.11	<0.01	0.017	0.14	7.2	0.5	1.67	518	2.22	0.02
10111	60.8	1.94	1.16	0.06	0.19	<0.01	0.017	0.19	11.4	0.7	1.44	410	3.73	0.02
10112	58.3	3.24	0.93	0.09	0.14	<0.01	0.025	0.13	10.0	1.0	1.09	506	7.56	0.03
10113	40.5	2.89	0.98	0.08	0.11	0.01	0.021	0.14	10.0	0.8	1.02	376	12.5	0.05
10114	22.3	2.59	0.78	0.05	0.10	<0.01	0.019	0.12	9.0	0.8	1.12	504	14.9	0.04

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
10115	21.7	3.30	1.06	0.11	0.09	<0.01	0.026	0.12	13.5	1.0	1.07	294	2.76	0.07
10116	29.1	3.46	0.86	0.11	0.10	<0.01	0.023	0.10	11.4	1.0	1.11	345	3.46	0.06
10117	49.6	3.31	0.98	0.07	0.15	0.02	0.036	0.14	7.7	1.6	1.27	576	21.3	0.05
10118	41.3	3.19	0.93	0.10	0.09	<0.01	0.022	0.13	10.1	1.9	1.30	591	8.04	0.05
10119	30.5	2.50	1.22	0.06	0.08	<0.01	0.016	0.15	10.8	2.9	1.62	821	5.34	0.04
10120	32.8	2.70	1.74	0.09	0.07	<0.01	0.015	0.13	11.7	5.4	1.56	1000	8.58	0.03
10121	50.1	3.15	3.86	0.12	0.07	<0.01	0.019	0.17	19.2	13.2	1.48	585	5.04	0.03
10122	49.4	2.51	0.92	0.06	0.07	<0.01	0.017	0.15	12.7	0.6	0.99	687	4.23	0.03
10123	32.1	3.04	0.80	0.06	0.08	<0.01	0.020	0.18	10.7	0.5	1.20	438	9.64	0.02
10124	18.1	1.63	0.60	0.07	0.05	<0.01	0.010	0.09	4.1	0.6	0.71	465	15.9	0.01
10125	18.9	3.27	0.98	0.13	0.08	<0.01	0.019	0.22	11.8	0.7	1.02	300	1.91	0.01
10151	35.4	3.29	0.79	0.11	0.07	<0.01	0.020	0.18	9.6	0.4	1.01	527	1.49	0.01
10152	17.6	3.46	1.44	0.13	0.08	<0.01	0.017	0.20	19.5	3.2	1.00	439	1.48	0.01
10153	30.8	3.44	3.38	0.12	0.08	<0.01	0.015	0.25	19.6	8.4	1.02	709	1.24	0.02
10154	43.5	2.60	0.99	0.07	0.07	0.01	0.015	0.14	9.2	0.7	0.70	935	3.76	0.02
07319	358	17.3	0.56	0.45	0.06	0.04	1.01	0.06	2.2	0.3	0.06	57	1.10	0.01
07320	234	17.6	0.31	0.40	0.02	0.03	1.20	0.01	0.6	<0.1	0.03	53	1.47	<0.01
07321	27.0	7.46	1.77	0.16	0.36	<0.01	0.039	0.30	5.5	0.7	1.24	555	0.66	0.04
07322	14.0	8.49	1.51	0.16	0.24	<0.01	0.035	0.28	3.6	0.6	1.55	669	0.37	0.04
07323	855	6.58	1.65	0.17	0.28	0.03	1.25	0.07	6.2	4.9	1.50	996	2.80	0.03
07324	5390	10.4	3.61	0.56	0.23	0.06	0.073	0.13	7.0	6.8	0.22	493	7.17	0.10
07325	164	3.20	4.43	0.08	0.35	0.02	0.182	0.07	12.3	8.6	0.30	1040	12.0	0.09
07326	121	3.17	5.15	0.12	0.17	<0.01	0.047	0.19	6.9	5.5	0.71	638	14.0	0.21

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10051	0.10	31.8	300	5.0	8.8	0.001	0.014	0.29	1.9	2.0	<0.2	14.2	<0.01	0.09
10052	0.07	53.1	535	3.1	5.8	0.001	0.063	0.16	2.1	3.3	<0.2	15.8	<0.01	0.03
10053	0.11	55.5	593	42.5	9.6	0.007	0.476	0.20	1.9	3.0	<0.2	35.0	<0.01	0.09
10054	0.08	42.1	570	4.7	8.1	0.005	0.485	0.70	1.7	4.4	<0.2	17.7	<0.01	0.09
10055	0.10	46.7	1080	20.7	7.4	0.007	1.50	0.76	5.8	4.4	<0.2	241	<0.01	0.11
10056	0.11	42.9	698	8.6	9.0	0.004	0.220	0.39	2.8	1.9	<0.2	160	<0.01	0.06
10057	0.07	40.4	717	4.2	7.2	0.005	0.269	0.33	2.4	3.1	<0.2	59.6	<0.01	0.05
10058	0.07	40.0	583	4.3	8.5	0.006	0.651	0.26	2.0	2.8	<0.2	67.3	<0.01	0.07
10059	0.08	34.9	597	4.8	8.2	0.003	0.286	0.16	2.1	1.6	<0.2	68.6	<0.01	0.05
10060	0.12	46.6	616	5.8	8.3	0.016	0.434	0.63	2.0	2.8	<0.2	172	<0.01	0.09
10061	0.12	47.5	629	11.4	11.0	0.010	1.55	0.36	1.7	3.4	<0.2	124	<0.01	0.12
10062	0.30	20.4	193	3390	1.0	0.023	9.68	0.72	6.2	13.4	<0.2	1480	<0.01	2.25
10063	0.12	42.2	560	13.6	23.6	0.015	1.83	0.94	3.0	3.5	0.3	244	<0.01	0.16
10064	0.08	46.8	658	3.0	11.8	0.016	1.07	0.81	1.8	4.0	<0.2	46.5	<0.01	0.12
10065	0.09	48.8	636	3.7	11.5	0.013	0.873	1.05	1.8	5.4	<0.2	112	<0.01	0.15
10066	0.09	41.4	638	6.5	13.3	0.010	1.07	1.67	2.0	4.4	<0.2	119	<0.01	0.17
10067	0.10	33.2	585	49.6	11.8	0.012	2.73	0.54	2.5	2.3	0.2	222	<0.01	0.07
10068	0.13	37.5	608	17.1	13.9	0.004	1.36	0.36	1.7	2.2	0.2	122	<0.01	0.05
10069	0.12	38.4	613	21.4	16.6	0.005	1.99	0.52	1.9	2.2	<0.2	129	<0.01	0.06
10070	0.15	35.4	711	3130	4.1	0.011	4.52	1.35	5.7	9.6	<0.2	864	<0.01	1.55
10071	0.18	49.9	987	1090	7.2	0.084	6.42	0.93	4.7	6.6	<0.2	712	<0.01	0.74
10072	0.11	33.4	294	34.8	6.6	0.002	3.09	0.89	4.0	1.9	<0.2	276	<0.01	0.07
10073	0.12	13.9	89	9.9	2.5	<0.001	1.66	0.18	6.4	1.1	<0.2	704	<0.01	0.03
10074	0.14	42.9	721	1110	3.2	0.003	4.37	0.31	3.7	4.4	<0.2	430	<0.01	0.54
10075	0.13	35.0	640	312	12.4	0.002	3.96	0.69	4.0	3.7	0.2	411	<0.01	0.21
10076	0.14	24.6	3120	2040	7.4	0.011	1.60	1.14	3.7	4.6	0.2	449	<0.01	0.71
10077	0.12	48.5	2080	19.2	10.8	0.066	0.626	0.72	2.1	2.4	<0.2	417	<0.01	0.04
10078	0.13	46.6	2160	141	11.4	0.052	1.29	2.28	3.2	4.2	<0.2	512	<0.01	0.08
10079	0.10	40.4	2840	1010	9.4	0.031	1.76	0.72	3.8	7.2	<0.2	565	<0.01	0.26
10080	0.10	38.1	943	12.8	11.6	0.012	1.09	0.47	2.4	3.1	<0.2	244	<0.01	0.07
10081	0.10	43.6	2430	7.6	12.3	0.037	1.09	0.68	2.1	4.5	<0.2	278	<0.01	0.09
10082	0.18	22.4	286	5680	2.1	0.031	2.13	0.97	12.2	11.8	<0.2	1650	0.01	2.64

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10083	0.11	89.2	614	899	9.2	0.060	2.84	0.76	2.4	10.8	<0.2	402	<0.01	0.97
10084	0.12	33.9	657	630	5.8	0.003	3.96	0.46	5.2	3.6	<0.2	440	<0.01	0.39
10085	0.13	35.1	574	21.3	5.8	0.002	4.34	0.56	4.4	1.5	<0.2	347	<0.01	0.06
10086	0.13	27.7	476	30.8	5.7	0.001	3.92	0.82	5.0	1.4	<0.2	262	<0.01	0.09
10087	0.10	23.1	457	22.5	7.0	<0.001	2.77	0.41	2.9	1.5	<0.2	160	<0.01	0.05
10088	0.08	12.6	304	969	1.1	0.002	1.55	0.25	6.2	3.2	<0.2	427	<0.01	0.33
10089	0.10	27.7	527	15.1	10.8	<0.001	1.30	0.26	1.6	1.2	<0.2	75.2	<0.01	0.07
10090	0.14	33.2	729	280	10.4	0.008	2.54	0.44	2.5	3.3	0.2	226	<0.01	0.15
10091	0.13	48.6	888	62.3	9.6	0.021	2.27	0.38	2.6	5.7	<0.2	267	<0.01	0.14
10092	0.12	44.9	860	79.0	8.9	0.022	1.75	0.57	1.6	8.2	<0.2	177	<0.01	0.11
10093	0.15	54.7	1670	9440	3.1	0.047	2.83	1.49	4.6	15.3	<0.2	879	<0.01	1.97
10094	0.15	55.6	1800	1130	4.0	0.044	2.70	1.61	4.5	5.5	<0.2	587	<0.01	0.33
10095	0.12	68.0	547	73.8	8.6	0.017	1.55	2.13	3.8	4.6	0.3	141	<0.01	0.12
10096	0.14	29.2	1090	407	9.8	0.008	1.77	1.20	3.9	4.2	<0.2	496	<0.01	0.16
10097	0.13	33.6	963	32.1	10.9	0.009	2.24	3.24	3.5	4.9	0.2	335	<0.01	0.16
10098	0.17	39.5	1950	1380	11.0	0.028	1.84	0.90	4.1	10.3	<0.2	592	<0.01	0.50
10099	0.35	65.9	2030	278	6.9	0.063	1.98	1.42	3.9	8.5	<0.2	418	<0.01	0.24
10100	0.18	115	2130	148	10.0	0.088	3.14	2.90	4.0	9.3	0.3	395	<0.01	0.19
10101	0.30	101	1800	1570	2.4	0.122	7.28	2.51	7.8	12.9	<0.2	1210	0.01	0.90
10102	0.14	50.7	1600	4590	3.0	0.113	2.22	1.99	5.5	14.5	<0.2	639	<0.01	1.53
10103	0.20	124	3200	122	8.2	0.091	2.83	21.4	4.1	7.9	0.2	605	<0.01	0.21
10104	0.15	109	2260	622	8.9	0.094	2.65	22.5	4.9	15.3	0.3	433	<0.01	0.37
10105	0.18	59.3	1290	25.2	8.2	0.046	1.35	14.3	3.5	10.5	<0.2	285	<0.01	0.05
10106	0.13	28.9	758	7.0	7.4	0.006	0.899	4.74	2.6	6.2	<0.2	255	<0.01	0.02
10107	0.08	29.5	734	5.7	6.3	0.007	0.921	6.47	2.7	6.3	<0.2	263	<0.01	0.02
10108	0.11	29.6	741	4.6	5.5	0.006	0.863	2.37	2.7	4.9	<0.2	238	<0.01	0.02
10109	0.13	32.8	1130	7.6	6.9	0.010	0.656	2.22	2.7	4.7	<0.2	221	<0.01	0.03
10110	0.12	33.0	948	6.0	6.6	0.009	0.834	4.72	3.0	4.2	<0.2	234	<0.01	0.03
10111	0.12	38.8	1600	6.7	9.5	0.011	0.820	2.04	2.8	5.2	<0.2	167	<0.01	0.04
10112	0.11	35.4	532	12.8	7.2	0.007	0.825	0.87	2.9	4.5	<0.2	147	<0.01	0.06
10113	0.13	41.4	522	10.2	8.0	0.014	0.929	1.69	2.3	6.3	<0.2	140	<0.01	0.09
10114	0.14	42.6	546	6.8	6.5	0.015	0.425	0.78	2.1	3.2	<0.2	177	<0.01	0.04

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Certificate of Analysis

AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
10115	0.11	35.0	592	6.6	6.9	0.004	0.495	0.53	2.4	2.3	<0.2	71.1	<0.01	0.04
10116	0.11	35.7	527	6.8	5.7	0.004	0.630	0.46	2.5	3.2	<0.2	86.9	<0.01	0.04
10117	0.13	51.6	636	9.1	7.6	0.019	1.04	0.80	3.0	7.8	<0.2	146	<0.01	0.10
10118	0.11	45.4	648	6.5	7.0	0.010	0.584	0.28	2.4	3.0	<0.2	81.0	<0.01	0.06
10119	0.12	30.7	771	13.8	8.4	0.006	0.325	0.61	2.2	2.1	<0.2	146	<0.01	0.05
10120	0.09	39.2	602	7.2	6.9	0.010	0.342	0.29	2.1	2.1	<0.2	135	<0.01	0.05
10121	0.10	51.1	580	4.8	9.0	0.011	0.450	0.20	2.4	3.2	<0.2	56.8	<0.01	0.08
10122	0.15	44.9	669	4.2	8.2	0.010	0.853	0.27	1.7	4.9	<0.2	105	<0.01	0.10
10123	0.13	35.0	655	5.3	7.9	0.011	0.833	0.44	1.8	4.0	<0.2	189	<0.01	0.08
10124	0.14	31.6	301	8.2	4.4	0.006	0.718	3.20	1.8	1.3	<0.2	123	<0.01	0.03
10125	0.16	35.1	722	1.9	10.3	0.002	1.47	0.42	2.0	1.0	<0.2	60.4	<0.01	0.08
10151	0.16	31.0	609	9.6	8.2	0.001	0.833	0.41	2.1	1.3	<0.2	76.3	<0.01	0.08
10152	0.23	31.1	613	1.9	9.5	0.001	0.194	0.25	2.1	0.6	<0.2	46.2	<0.01	0.03
10153	0.27	30.4	765	2.4	11.3	0.002	0.208	0.22	2.2	0.7	<0.2	84.3	<0.01	0.05
10154	0.23	23.2	483	13.4	6.9	<0.001	1.22	1.27	2.2	1.0	<0.2	151	<0.01	0.08
07319	0.47	284	83	71.7	2.8	<0.001	>10	0.67	0.1	15.7	16.5	5.2	<0.01	0.68
07320	0.66	315	36	45.5	0.6	<0.001	>10	0.77	<0.1	16.7	16.8	2.8	<0.01	0.66
07321	0.22	60.4	894	152	14.6	<0.001	7.90	0.21	2.4	3.5	0.8	71.8	<0.01	0.23
07322	0.26	64.2	303	136	13.0	<0.001	8.36	0.20	2.4	3.8	0.6	77.8	<0.01	0.27
07323	0.14	30.6	248	270	3.4	0.008	2.56	0.26	1.7	2.4	4.6	8.2	<0.01	0.06
07324	1.09	5470	497	9.2	6.1	0.088	5.67	6.44	2.6	25.2	1.6	65.7	<0.01	3.20
07325	0.54	36.2	1090	13.4	3.6	0.044	0.476	7.65	2.8	4.0	3.2	108	<0.01	4.64
07326	0.71	19.3	690	5.3	6.7	0.008	0.110	1.85	3.1	1.0	2.1	93.8	<0.01	1.04

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AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10051	8.9	<0.005	0.06	1.18	8.6	3.12	4.59	161	9.0
10052	8.1	<0.005	0.05	1.25	4.8	0.82	5.12	279	6.2
10053	7.3	<0.005	0.07	1.41	3.3	0.23	6.68	207	8.6
10054	6.4	<0.005	0.06	0.74	3.6	0.16	4.09	128	5.7
10055	7.7	<0.005	0.05	0.92	4.8	0.87	6.51	89.5	9.4
10056	8.8	<0.005	0.06	0.91	4.6	0.09	6.41	141	7.9
10057	8.3	<0.005	0.05	0.72	4.9	0.59	4.32	146	10.5
10058	7.8	<0.005	0.06	0.83	4.8	0.09	3.16	123	8.5
10059	8.0	<0.005	0.05	0.99	7.5	0.06	2.88	108	7.4
10060	6.0	<0.005	0.05	1.11	3.4	0.10	3.86	71.6	6.2
10061	5.1	<0.005	0.08	2.66	1.9	0.26	3.95	115	4.6
10062	0.9	<0.005	0.04	0.19	<0.5	0.78	26.5	37.6	2.7
10063	8.2	<0.005	0.16	2.34	7.2	0.60	5.96	62.0	3.7
10064	5.6	<0.005	0.09	2.15	6.7	0.20	3.20	126	8.8
10065	4.1	<0.005	0.07	0.98	5.5	0.20	3.49	109	12.6
10066	5.5	<0.005	0.09	1.03	6.1	0.24	3.57	111	7.7
10067	5.3	<0.005	0.08	1.31	6.8	0.40	4.75	75.4	6.1
10068	6.7	<0.005	0.10	1.26	4.2	0.22	3.31	107	5.2
10069	5.5	<0.005	0.10	1.10	3.1	0.36	3.16	101	3.9
10070	5.4	<0.005	0.08	0.99	0.7	0.33	16.5	52.1	5.7
10071	8.6	<0.005	0.08	1.91	4.8	1.02	12.0	88.4	7.9
10072	4.2	<0.005	0.04	3.04	5.7	0.12	3.09	101	5.5
10073	2.3	<0.005	0.02	2.91	1.3	0.15	5.30	32.3	1.9
10074	4.7	<0.005	0.06	3.62	1.3	0.15	4.64	1390	3.9
10075	5.2	<0.005	0.09	0.87	8.5	0.18	6.01	74.5	7.7
10076	3.7	<0.005	0.11	1.75	6.3	0.64	13.8	108	8.3
10077	3.8	<0.005	0.08	7.40	22.8	1.11	14.2	83.8	6.4
10078	3.6	<0.005	0.09	6.69	24.8	1.08	15.4	190	7.4
10079	4.6	<0.005	0.10	2.63	12.9	0.67	14.2	150	10.6
10080	7.8	<0.005	0.09	3.27	5.9	0.33	6.56	92.3	4.9
10081	4.4	<0.005	0.11	3.90	12.3	0.48	10.6	70.9	8.2
10082	1.5	<0.005	0.17	1.02	1.8	0.44	42.5	145	2.6

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10083	3.9	<0.005	0.11	3.65	19.9	0.89	7.58	441	8.0
10084	4.9	<0.005	0.06	1.36	4.8	0.26	7.86	97.1	4.8
10085	7.1	<0.005	0.04	8.28	6.0	0.15	4.26	103	6.0
10086	5.6	<0.005	0.04	1.51	5.4	0.16	4.58	96.9	4.2
10087	5.0	<0.005	0.05	0.84	2.8	0.19	3.14	73.8	3.4
10088	3.0	<0.005	0.04	0.43	<0.5	0.22	11.5	164	2.1
10089	5.7	<0.005	0.09	0.97	<0.5	0.19	2.75	84.7	2.6
10090	5.5	<0.005	0.10	1.52	10.8	0.22	4.69	232	4.3
10091	5.0	<0.005	0.09	2.88	6.6	0.25	6.07	109	5.2
10092	4.1	<0.005	0.10	4.29	4.2	0.24	5.42	362	4.4
10093	3.6	<0.005	0.42	4.09	2.4	1.05	19.7	315	6.0
10094	4.0	<0.005	0.08	3.21	8.0	0.64	14.4	148	7.0
10095	3.8	<0.005	0.07	1.02	14.1	4.58	6.45	206	11.9
10096	4.0	<0.005	0.09	2.04	9.1	0.20	8.86	103	5.7
10097	5.4	<0.005	0.08	2.16	10.0	0.17	6.06	133	6.4
10098	4.1	<0.005	0.16	3.77	12.7	0.42	17.1	212	6.5
10099	4.2	<0.005	0.08	7.21	18.0	0.89	13.6	791	5.4
10100	4.2	<0.005	0.11	13.5	41.7	1.43	13.1	855	7.5
10101	2.8	<0.005	0.08	1.89	2.6	2.76	27.1	125	3.9
10102	3.6	<0.005	0.24	1.70	4.7	1.76	13.7	708	4.9
10103	3.8	<0.005	0.10	13.7	54.0	1.63	19.0	1530	10.4
10104	3.2	<0.005	0.15	8.33	39.6	4.49	16.2	837	14.0
10105	3.2	<0.005	0.10	2.98	16.6	0.35	7.19	451	7.0
10106	3.9	<0.005	0.10	0.94	2.6	0.45	6.37	67.5	3.6
10107	3.2	<0.005	0.09	0.98	3.9	0.13	5.83	64.9	3.0
10108	3.5	<0.005	0.08	1.06	2.6	0.14	5.80	46.7	3.4
10109	3.6	<0.005	0.10	1.33	3.8	0.12	6.37	87.1	4.7
10110	3.7	<0.005	0.09	0.99	2.7	0.12	6.35	73.4	4.1
10111	4.4	<0.005	0.12	1.66	5.2	0.15	7.25	86.3	7.1
10112	6.0	<0.005	0.08	0.94	4.3	0.19	4.26	116	5.5
10113	7.9	<0.005	0.09	1.32	6.1	0.20	4.35	120	4.2
10114	5.9	<0.005	0.07	1.21	7.4	0.16	5.19	111	4.0

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AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
10115	10.1	<0.005	0.08	1.04	2.8	0.10	3.49	118	3.9
10116	8.0	<0.005	0.06	0.74	3.1	0.09	3.66	107	4.4
10117	6.7	<0.005	0.07	1.25	9.7	0.09	4.60	225	6.3
10118	8.6	<0.005	0.06	1.05	2.8	0.06	3.70	87.0	3.7
10119	6.5	<0.005	0.07	1.16	3.6	<0.05	4.78	71.8	3.4
10120	7.9	<0.005	0.05	1.07	3.7	<0.05	3.83	76.7	2.9
10121	9.6	<0.005	0.07	1.05	11.3	0.05	2.97	126	3.7
10122	6.4	<0.005	0.06	1.00	1.0	0.08	3.49	88.8	2.8
10123	6.3	<0.005	0.06	1.21	3.1	0.16	4.34	154	3.1
10124	3.9	<0.005	0.03	1.01	3.4	0.28	3.31	42.0	2.0
10125	7.1	<0.005	0.07	1.11	0.8	0.19	2.93	96.1	3.1
10151	5.6	<0.005	0.05	1.28	<0.5	0.13	2.95	92.3	2.7
10152	8.8	<0.005	0.06	0.91	1.1	0.11	3.06	87.3	3.3
10153	8.7	<0.005	0.07	1.02	6.5	0.12	3.72	80.1	4.1
10154	5.8	<0.005	0.06	1.58	1.1	0.20	4.46	23.3	3.6
07319	1.0	<0.005	0.04	0.18	<0.5	0.09	0.59	174	1.9
07320	0.4	<0.005	0.02	0.09	<0.5	0.08	0.25	209	0.8
07321	6.2	<0.005	0.13	1.47	0.5	0.18	4.50	22.1	14.7
07322	5.2	<0.005	0.11	1.16	<0.5	0.19	3.34	21.7	9.6
07323	2.4	<0.005	0.03	3.13	12.4	0.19	2.12	543	11.9
07324	2.1	0.072	0.08	1.24	30.3	1.95	6.60	75.2	6.2
07325	1.4	0.071	0.05	2.58	23.6	17.9	8.72	61.5	10.1
07326	2.6	0.139	0.05	1.18	71.3	4.73	5.73	43.6	3.9

Comments: RDL - Reported Detection Limit

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AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10051	0.49	0.002	0.001	<0.005	
10052	0.58	0.002	0.001	<0.005	
10053	1.42	0.003	0.001	<0.005	
10054	1.39	0.003	0.002	0.005	
10055	1.06	0.006	0.002	<0.005	
10056	1.41	0.013	0.002	<0.005	
10057	1.43	0.003	0.001	<0.005	
10058	1.28	0.003	0.002	<0.005	
10059	1.94	0.001	0.001	<0.005	
10060	1.24	0.003	<0.001	0.005	
10061	1.81	0.003	0.001	<0.005	
10062	0.92	0.045	0.002	<0.005	
10063	0.94	0.002	0.001	<0.005	
10064	1.61	0.002	0.001	<0.005	
10065	1.57	0.005	0.001	0.006	
10066	2.22	0.006	0.002	<0.005	
10067	1.69	0.003	0.001	<0.005	
10068	1.94	0.008	0.002	<0.005	
10069	2.14	0.004	0.001	0.006	
10070	2.15	0.020	0.001	<0.005	
10071	2.09	0.030	0.002	<0.005	
10072	1.41	0.001	<0.001	0.005	
10073	0.88	0.001	<0.001	<0.005	
10074	0.59	0.010	0.001	<0.005	
10075	1.94	0.003	<0.001	<0.005	
10076	1.61	0.015	<0.001	<0.005	
10077	0.49	0.002	<0.001	0.008	
10078	1.94	0.003	0.001	0.005	
10079	1.70	0.015	0.002	<0.005	
10080	1.98	0.007	0.002	<0.005	
10081	1.13	0.037	0.001	<0.005	

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AGAT WORK ORDER: 12V632065

PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10082	0.54	<0.001	0.001	0.006	
10083	1.88	0.003	0.002	<0.005	
10084	2.64	0.003	0.001	<0.005	
10085	2.02	0.002	<0.001	<0.005	
10086	1.50	0.002	<0.001	0.007	
10087	1.55	0.002	<0.001	<0.005	
10088	0.39	0.002	<0.001	<0.005	
10089	1.98	<0.001	<0.001	<0.005	
10090	0.87	0.002	0.001	<0.005	
10091	2.00	0.007	0.002	0.006	
10092	1.87	0.002	0.002	0.006	
10093	2.01	0.008	0.003	<0.005	
10094	1.05	0.003	0.004	<0.005	
10095	1.63	0.018	0.002	0.006	
10096	1.72	0.001	0.002	<0.005	
10097	1.92	0.001	0.002	<0.005	
10098	2.08	0.003	0.002	0.005	
10099	1.95	0.002	0.004	0.005	
10100	1.20	0.004	0.007	0.006	
10101	0.96	0.014	0.007	<0.005	
10102	1.09	0.010	0.004	0.006	
10103	1.13	0.004	0.007	0.009	
10104	0.66	0.013	0.006	0.006	
10105	2.09	0.005	0.004	0.008	
10106	1.53	0.010	0.002	<0.005	
10107	1.59	0.003	0.002	<0.005	
10108	1.21	0.002	0.002	<0.005	
10109	0.79	0.006	0.002	0.005	
10110	0.99	0.004	0.002	<0.005	
10111	0.94	0.010	0.002	0.007	
10112	0.76	0.015	0.001	<0.005	

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12V632065
PROJECT NO:

CLIENT NAME: BARKER MINERALS LTD.

ATTENTION TO: LOUIS DOYLE

Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)

DATE SAMPLED: Aug 17, 2012 | DATE RECEIVED: Aug 16, 2012 | DATE REPORTED: Sep 24, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt	Au-Grav
Unit:	kg	ppm	ppm	ppm	g/t
Sample Description RDL:	0.01	0.001	0.001	0.005	0.05
10113	1.69	0.008	0.002	<0.005	
10114	1.57	0.013	0.002	0.007	
10115	1.77	0.003	0.002	<0.005	
10116	1.35	0.005	0.001	<0.005	
10117	1.23	0.010	0.002	0.005	
10118	2.17	0.005	0.001	<0.005	
10119	2.09	0.002	0.002	<0.005	
10120	2.08	0.009	0.002	<0.005	
10121	2.33	0.004	0.002	0.006	
10122	2.06	0.004	0.001	<0.005	
10123	2.18	0.057	0.001	<0.005	
10124	1.16	0.005	<0.001	<0.005	
10125	0.95	0.001	0.001	<0.005	
10151	1.13	0.003	0.001	<0.005	
10152	2.83	0.003	0.001	<0.005	
10153	2.07	0.002	<0.001	<0.005	
10154	1.16	0.003	<0.001	<0.005	
07319	0.06	>10	0.001	<0.005	90.9
07320	0.06	>10	0.002	0.013	22.2
07321	0.06	2.59	<0.001	<0.005	
07322	0.06	1.81	<0.001	0.007	
07323	1.39	0.021	0.004	0.006	
07324	0.08	0.985	0.123	0.250	
07325	0.07	1.68	0.001	0.005	
07326	0.07	0.359	0.001	<0.005	

Comments: RDL - Reported Detection Limit

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622838	0.40	0.39	2.5%	< 0.01	11.8	13.0	90%	80%	120%
Al	1	3622838	0.320	0.329	2.8%	< 0.01				80%	120%
As	1	3622838	4.88	4.52	7.7%	0.2				80%	120%
Au	1	3622838	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	3622838	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3622838	55	57	3.6%	< 1				80%	120%
Be	1	3622838	0.20	0.20	0.0%	< 0.05				80%	120%
Bi	1	3622838	0.183	0.188	2.7%	< 0.01				80%	120%
Ca	1	3622838	0.055	0.046	17.8%	< 0.01				80%	120%
Cd	1	3622838	1.41	1.47	4.2%	< 0.01				80%	120%
Ce	1	3622838	57.3	57.9	1.0%	< 0.01				80%	120%
Co	1	3622838	6.2	6.2	0.0%	< 0.1				80%	120%
Cr	1	3622838	27.7	29.4	6.0%	< 0.5				80%	120%
Cs	1	3622838	0.361	0.371	2.7%	< 0.05				80%	120%
Cu	1	3622838	32.7	26.5	20.9%	< 0.1	5936	6000	98%	80%	120%
Fe	1	3622838	2.95	3.00	1.7%	< 0.01				80%	120%
Ga	1	3622838	1.09	1.10	0.9%	< 0.05				80%	120%
Ge	1	3622838	0.166	0.164	1.2%	0.07				80%	120%
Hf	1	3622838	0.23	0.23	0.0%	< 0.02				80%	120%
Hg	1	3622838	< 0.01	0.01		< 0.01				80%	120%
In	1	3622838	0.019	0.019	0.0%	< 0.005				80%	120%
K	1	3622838	0.185	0.189	2.1%	< 0.01				80%	120%
La	1	3622838	28.3	29.0	2.4%	< 0.1				80%	120%
Li	1	3622838	0.3	0.3	0.0%	< 0.1				80%	120%
Mg	1	3622838	0.02	0.02	0.0%	< 0.01				80%	120%
Mn	1	3622838	280	287	2.5%	< 1				80%	120%
Mo	1	3622838	13.1	13.0	0.8%	< 0.05	349	360	96%	80%	120%
Na	1	3622838	0.02	0.02	0.0%	< 0.01				80%	120%
Nb	1	3622838	0.103	0.107	3.8%	< 0.05				80%	120%
Ni	1	3622838	31.8	33.2	4.3%	< 0.2				80%	120%
P	1	3622838	300	318	5.8%	< 10	671	600	112%	80%	120%
Pb	1	3622838	5.0	5.1	2.0%	< 0.1				80%	120%
Rb	1	3622838	8.8	8.8	0.0%	< 0.1				80%	120%
Re	1	3622838	0.001	0.001	0.0%	< 0.001				80%	120%
S	1	3622838	0.0140	0.0134	4.4%	< 0.005				80%	120%
Sb	1	3622838	0.29	0.29	0.0%	< 0.05				80%	120%
Sc	1	3622838	1.9	1.9	0.0%	< 0.1				80%	120%
Se	1	3622838	2.0	2.0	0.0%	< 0.2				80%	120%
Sn	1	3622838	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622838	14.2	14.3	0.7%	< 0.2				80%	120%
Ta	1	3622838	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622838	0.085	0.083	2.4%	< 0.01				80%	120%
Th	1	3622838	8.90	8.95	0.6%	< 0.1				80%	120%
Ti	1	3622838	< 0.005	< 0.005	0.0%	< 0.005				80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Tl	1	3622838	0.06	0.06	0.0%	< 0.01				80%	120%
U	1	3622838	1.18	1.20	1.7%	< 0.05				80%	120%
V	1	3622838	8.63	9.18	6.2%	< 0.5				80%	120%
W	1	3622838	3.12	3.17	1.6%	< 0.05				80%	120%
Y	1	3622838	4.59	4.51	1.8%	< 0.05	5	7	75%	80%	120%
Zn	1	3622838	161	169	4.8%	< 0.5				80%	120%
Zr	1	3622838	9.02	8.83	2.1%	< 0.5				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622838	0.002	0.003		< 0.001	0.32	0.321	100%	80%	120%
Pd	1	3622838	0.001	0.002		< 0.001	0.041	0.037	111%	80%	120%
Pt	1	3622838	< 0.005	< 0.005	0.0%	< 0.005	0.078	0.090	86%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622851	0.002	0.003		< 0.001	0.308	0.321	96%	80%	120%
Pd	1	3622851	0.0015	0.0017	12.5%	< 0.001	0.034	0.037	92%	80%	120%
Pt	1	3622851	< 0.005	< 0.005	0.0%	< 0.005	0.088	0.090	98%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622863	0.0145	0.0123	16.4%	< 0.001	0.299	0.321	93%	80%	120%
Pd	1	3622863	< 0.001	0.001		< 0.001	0.035	0.037	95%	80%	120%
Pt	1	3622863	< 0.005	< 0.005	0.0%	< 0.005	0.096	0.090	106%	80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622876	< 0.001	0.001		< 0.001				80%	120%
Pd	1	3622876	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
Pt	1	3622876	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622888	0.014	0.020		< 0.001				80%	120%
Pd	1	3622888	0.0074	0.0080	7.8%	< 0.001				80%	120%
Pt	1	3622888	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622899	0.015	0.015	0.0%	< 0.001				80%	120%
Pd	1	3622899	0.001	0.001	0.0%	< 0.001				80%	120%
Pt	1	3622899	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622913	0.0026	0.0021	21.3%	< 0.001				80%	120%
Pd	1	3622913	0.001	< 0.001		< 0.001				80%	120%
Pt	1	3622913	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (202055)											
Au	1	3622921	0.0212	0.0203	4.3%	< 0.001				80%	120%
Pd	1	3622921	0.0037	0.0034	8.5%	< 0.001				80%	120%
Pt	1	3622921	0.006	< 0.005		< 0.005				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622863	11.1	11.5	3.5%	< 0.01	12.1	13.0	93%	80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Al	1	3622863	0.29	0.29	0.0%	< 0.01				80%	120%
As	1	3622863	8.70	8.77	0.8%	< 0.1				80%	120%
Au	1	3622863	< 0.01	0.01		< 0.01				80%	120%
B	1	3622863	< 5	< 5	0.0%	< 5	7.11	7.00	102%	80%	120%
Ba	1	3622863	51	50	2.0%	< 1				80%	120%
Be	1	3622863	0.148	0.143	3.4%	< 0.05	0.3	0.4	76%	80%	120%
Bi	1	3622863	36.1	37.1	2.7%	< 0.01				80%	120%
Ca	1	3622863	4.06	4.05	0.2%	< 0.01				80%	120%
Cd	1	3622863	1.75	1.78	1.7%	< 0.01				80%	120%
Ce	1	3622863	11.3	12.3	8.5%	0.01				80%	120%
Co	1	3622863	6.23	6.45	3.5%	< 0.1				80%	120%
Cr	1	3622863	30.9	31.5	1.9%	< 0.5				80%	120%
Cs	1	3622863	0.254	0.269	5.7%	< 0.05				80%	120%
Cu	1	3622863	9.80	9.88	0.8%	< 0.1	5991	6000	99%	80%	120%
Fe	1	3622863	1.72	1.70	1.2%	< 0.01				80%	120%
Ga	1	3622863	1.23	1.27	3.2%	< 0.05				80%	120%
Ge	1	3622863	0.075	0.057	27.3%	0.05				80%	120%
Hf	1	3622863	0.28	0.28	0.0%	< 0.02				80%	120%
Hg	1	3622863	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	3622863	0.019	0.019	0.0%	< 0.005				80%	120%
K	1	3622863	0.11	0.11	0.0%	< 0.01				80%	120%
La	1	3622863	5.0	5.5	9.5%	< 0.1				80%	120%
Li	1	3622863	3.6	3.7	2.7%	< 0.1				80%	120%
Mg	1	3622863	1.17	1.17	0.0%	< 0.01				80%	120%
Mn	1	3622863	1110	1120	0.9%	< 1				80%	120%
Mo	1	3622863	20.1	21.3	5.8%	< 0.05	351	360	97%	80%	120%
Na	1	3622863	0.04	0.04	0.0%	< 0.01				80%	120%
Nb	1	3622863	0.144	0.154	6.7%	< 0.05				80%	120%
Ni	1	3622863	24.6	24.7	0.4%	< 0.2				80%	120%
P	1	3622863	3120	3160	1.3%	< 10	688	600	115%	80%	120%
Pb	1	3622863	2040	2100	2.9%	0.1				80%	120%
Rb	1	3622863	7.43	7.57	1.9%	< 0.1				80%	120%
Re	1	3622863	0.011	0.011	0.0%	< 0.001				80%	120%
S	1	3622863	1.60	1.57	1.9%	< 0.005				80%	120%
Sb	1	3622863	1.14	1.14	0.0%	< 0.05				80%	120%
Sc	1	3622863	3.7	3.8	2.7%	< 0.1				80%	120%
Se	1	3622863	4.59	4.66	1.5%	< 0.2				80%	120%
Sn	1	3622863	0.2	0.2	0.0%	< 0.2				80%	120%
Sr	1	3622863	449	462	2.9%	< 0.2				80%	120%
Ta	1	3622863	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622863	0.71	0.73	2.8%	< 0.01				80%	120%
Th	1	3622863	3.7	3.8	2.7%	< 0.1				80%	120%
Ti	1	3622863	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622863	0.11	0.11	0.0%	< 0.01				80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
U	1	3622863	1.75	1.74	0.6%	< 0.05				80%	120%
V	1	3622863	6.3	5.8	8.3%	< 0.5				80%	120%
W	1	3622863	0.64	0.78	19.7%	< 0.05				80%	120%
Y	1	3622863	13.8	14.3	3.6%	< 0.05	5	7	75%	80%	120%
Zn	1	3622863	108	108	0.0%	< 0.5				80%	120%
Zr	1	3622863	8.31	8.67	4.2%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622888	7.74	8.16	5.3%	< 0.01	12.4	13.0	96%	80%	120%
Al	1	3622888	0.11	0.11	0.0%	< 0.01				80%	120%
As	1	3622888	139	147	5.6%	0.1				80%	120%
Au	1	3622888	0.017	0.015	12.5%	< 0.01				80%	120%
B	1	3622888	< 5	< 5	0.0%	< 5	6.64	7.00	95%	80%	120%
Ba	1	3622888	25	26	3.9%	< 1				80%	120%
Be	1	3622888	0.12	0.12	0.0%	< 0.05	0.3	0.4	73%	80%	120%
Bi	1	3622888	26.0	27.3	4.9%	< 0.01				80%	120%
Ca	1	3622888	8.87	9.30	4.7%	0.02				80%	120%
Cd	1	3622888	3.38	3.46	2.3%	< 0.01				80%	120%
Ce	1	3622888	7.48	7.81	4.3%	< 0.01				80%	120%
Co	1	3622888	11.1	12.1	8.6%	< 0.1				80%	120%
Cr	1	3622888	16.7	18.1	8.0%	< 0.5				80%	120%
Cs	1	3622888	0.185	0.191	3.2%	< 0.05				80%	120%
Cu	1	3622888	53.3	57.2	7.1%	< 0.1	6027	6000	100%	80%	120%
Fe	1	3622888	6.06	6.48	6.7%	< 0.01				80%	120%
Ga	1	3622888	0.802	0.836	4.2%	< 0.05				80%	120%
Ge	1	3622888	< 0.05	< 0.05	0.0%	0.08				80%	120%
Hf	1	3622888	0.16	0.16	0.0%	< 0.02				80%	120%
Hg	1	3622888	0.02	0.02	0.0%	< 0.01				80%	120%
In	1	3622888	0.0405	0.0412	1.7%	< 0.005				80%	120%
K	1	3622888	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	3622888	3.25	3.37	3.6%	< 0.1				80%	120%
Li	1	3622888	0.7	0.7	0.0%	< 0.1				80%	120%
Mg	1	3622888	1.57	1.66	5.6%	< 0.01				80%	120%
Mn	1	3622888	2830	2980	5.2%	< 1				80%	120%
Mo	1	3622888	531	565	6.2%	< 0.05	356	360	98%	80%	120%
Na	1	3622888	0.03	0.03	0.0%	< 0.01				80%	120%
Nb	1	3622888	0.297	0.291	2.0%	< 0.05				80%	120%
Ni	1	3622888	101	108	6.7%	< 0.2				80%	120%
P	1	3622888	1800	1950	8.0%	< 10	685	600	114%	80%	120%
Pb	1	3622888	1570	1660	5.6%	< 0.1				80%	120%
Rb	1	3622888	2.4	2.5	4.1%	< 0.1				80%	120%
Re	1	3622888	0.122	0.129	5.6%	< 0.001				80%	120%
S	1	3622888	7.28	7.81	7.0%	0.009				80%	120%
Sb	1	3622888	2.51	2.61	3.9%	< 0.05				80%	120%
Sc	1	3622888	7.76	8.15	4.9%	< 0.1				80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Se	1	3622888	12.9	14.1	8.9%	< 0.2				80%	120%
Sn	1	3622888	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622888	1210	1290	6.4%	< 0.2				80%	120%
Ta	1	3622888	0.01	< 0.01		< 0.01				80%	120%
Te	1	3622888	0.90	0.98	8.5%	< 0.01				80%	120%
Th	1	3622888	2.81	2.86	1.8%	< 0.1				80%	120%
Ti	1	3622888	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622888	0.08	0.08	0.0%	< 0.01				80%	120%
U	1	3622888	1.89	1.89	0.0%	< 0.05				80%	120%
V	1	3622888	2.6	2.5	3.9%	< 0.5				80%	120%
W	1	3622888	2.76	2.93	6.0%	< 0.05				80%	120%
Y	1	3622888	27.1	28.8	6.1%	< 0.05				80%	120%
Zn	1	3622888	125	125	0.0%	< 0.5				80%	120%
Zr	1	3622888	3.95	4.13	4.5%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622913	0.078	0.071	9.4%	< 0.01	12.4	13.0	95%	80%	120%
Al	1	3622913	0.29	0.30	3.4%	< 0.01				80%	120%
As	1	3622913	7.9	7.8	1.3%	< 0.1				80%	120%
Au	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	3622913	< 5	< 5	0.0%	< 5	5.59	7.00	80%	80%	120%
Ba	1	3622913	53	55	3.7%	< 1				80%	120%
Be	1	3622913	0.212	0.202	4.8%	< 0.05				80%	120%
Bi	1	3622913	0.203	0.193	5.1%	< 0.01				80%	120%
Ca	1	3622913	1.24	1.28	3.2%	< 0.01				80%	120%
Cd	1	3622913	0.169	0.160	5.5%	< 0.01				80%	120%
Ce	1	3622913	19.9	19.4	2.5%	< 0.01				80%	120%
Co	1	3622913	12.7	12.9	1.6%	< 0.1				80%	120%
Cr	1	3622913	26.4	25.1	5.0%	< 0.5				80%	120%
Cs	1	3622913	0.57	0.54	5.4%	< 0.05				80%	120%
Cu	1	3622913	35.4	37.1	4.7%	< 0.1	6052	6000	100%	80%	120%
Fe	1	3622913	3.29	3.39	3.0%	< 0.01				80%	120%
Ga	1	3622913	0.792	0.800	1.0%	< 0.05				80%	120%
Ge	1	3622913	0.114	0.119	4.3%	< 0.05				80%	120%
Hf	1	3622913	0.071	0.064	10.4%	< 0.02				80%	120%
Hg	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	3622913	0.0200	0.0206	3.0%	< 0.005				80%	120%
K	1	3622913	0.181	0.185	2.2%	< 0.01				80%	120%
La	1	3622913	9.59	9.43	1.7%	< 0.1				80%	120%
Li	1	3622913	0.4	0.4	0.0%	< 0.1				80%	120%
Mg	1	3622913	1.01	1.04	2.9%	< 0.01				80%	120%
Mn	1	3622913	527	544	3.2%	< 1				80%	120%
Mo	1	3622913	1.49	1.42	4.8%	< 0.05	344	360	95%	80%	120%
Na	1	3622913	0.015	0.015	0.0%	< 0.01				80%	120%
Nb	1	3622913	0.158	0.141	11.4%	< 0.05				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ni	1	3622913	31.0	32.6	5.0%	< 0.2				80%	120%
P	1	3622913	609	631	3.5%	< 10	668	600	111%	80%	120%
Pb	1	3622913	9.55	9.43	1.3%	< 0.1				80%	120%
Rb	1	3622913	8.2	8.1	1.2%	< 0.1				80%	120%
Re	1	3622913	0.001	0.001	0.0%	< 0.001				80%	120%
S	1	3622913	0.833	0.861	3.3%	< 0.005				80%	120%
Sb	1	3622913	0.41	0.66		< 0.05				80%	120%
Sc	1	3622913	2.1	2.1	0.0%	< 0.1				80%	120%
Se	1	3622913	1.30	1.24	4.7%	< 0.2				80%	120%
Sn	1	3622913	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sr	1	3622913	76.3	76.4	0.1%	< 0.2				80%	120%
Ta	1	3622913	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622913	0.081	0.074	9.0%	< 0.01				80%	120%
Th	1	3622913	5.56	5.42	2.6%	< 0.1				80%	120%
Ti	1	3622913	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622913	0.05	0.05	0.0%	< 0.01				80%	120%
U	1	3622913	1.28	1.28	0.0%	< 0.05				80%	120%
V	1	3622913	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
W	1	3622913	0.13	0.13	0.0%	< 0.05				80%	120%
Y	1	3622913	2.95	2.95	0.0%	< 0.05				80%	120%
Zn	1	3622913	92.3	86.6	6.4%	< 0.5				80%	120%
Zr	1	3622913	2.7	2.6	3.8%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3622921	3.35	3.39	1.2%	< 0.01	12.1	13.0	93%	80%	120%
Al	1	3622921	0.424	0.432	1.9%	< 0.01				80%	120%
As	1	3622921	104	104	0.0%	< 0.1				80%	120%
Au	1	3622921	0.01	< 0.01		< 0.01				80%	120%
B	1	3622921	< 5	< 5	0.0%	< 5	6.14	7.00	88%	80%	120%
Ba	1	3622921	20	21	4.9%	< 1				80%	120%
Be	1	3622921	0.05	0.05	0.0%	< 0.05				80%	120%
Bi	1	3622921	6.92	6.92	0.0%	< 0.01				80%	120%
Ca	1	3622921	0.19	0.19	0.0%	< 0.01				80%	120%
Cd	1	3622921	2.08	2.06	1.0%	< 0.01				80%	120%
Ce	1	3622921	15.3	16.6	8.2%	< 0.01				80%	120%
Co	1	3622921	13.8	14.1	2.2%	< 0.1				80%	120%
Cr	1	3622921	28.4	28.7	1.1%	< 0.5				80%	120%
Cs	1	3622921	0.133	0.141	5.8%	< 0.05				80%	120%
Cu	1	3622921	855	879	2.8%	< 0.1	5837	6000	97%	80%	120%
Fe	1	3622921	6.58	6.58	0.0%	< 0.01				80%	120%
Ga	1	3622921	1.65	1.73	4.7%	< 0.05				80%	120%
Ge	1	3622921	0.170	0.175	2.9%	< 0.05				80%	120%
Hf	1	3622921	0.283	0.293	3.5%	< 0.02				80%	120%
Hg	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%

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CLIENT NAME: BARKER MINERALS LTD.
AGAT WORK ORDER: 12V632065
PROJECT NO:
ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
In	1	3622921	1.25	1.26	0.8%	< 0.005				80%	120%
K	1	3622921	0.07	0.07	0.0%	< 0.01				80%	120%
La	1	3622921	6.2	6.6	6.3%	< 0.1				80%	120%
Li	1	3622921	4.94	5.22	5.5%	< 0.1				80%	120%
Mg	1	3622921	1.50	1.51	0.7%	< 0.01				80%	120%
Mn	1	3622921	996	1020	2.4%	< 1				80%	120%
Mo	1	3622921	2.80	2.77	1.1%	< 0.05	335	360	93%	80%	120%
Na	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%
Nb	1	3622921	0.14	0.15	6.9%	< 0.05				80%	120%
Ni	1	3622921	30.6	31.0	1.3%	< 0.2				80%	120%
P	1	3622921	248	252	1.6%	< 10	654	600	109%	80%	120%
Pb	1	3622921	270	269	0.4%	< 0.1				80%	120%
Rb	1	3622921	3.44	3.63	5.4%	< 0.1				80%	120%
Re	1	3622921	0.008	0.008	0.0%	< 0.001				80%	120%
S	1	3622921	2.56	2.51	2.0%	< 0.005				80%	120%
Sb	1	3622921	0.26	0.28	7.4%	< 0.05				80%	120%
Sc	1	3622921	1.72	1.80	4.5%	< 0.1				80%	120%
Se	1	3622921	2.4	2.4	0.0%	< 0.2				80%	120%
Sn	1	3622921	4.61	4.70	1.9%	< 0.2				80%	120%
Sr	1	3622921	8.2	8.3	1.2%	< 0.2				80%	120%
Ta	1	3622921	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3622921	0.06	0.06	0.0%	< 0.01				80%	120%
Th	1	3622921	2.41	2.48	2.9%	< 0.1				80%	120%
Ti	1	3622921	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	3622921	0.03	0.03	0.0%	< 0.01				80%	120%
U	1	3622921	3.13	3.14	0.3%	< 0.05				80%	120%
V	1	3622921	12.4	12.5	0.8%	< 0.5				80%	120%
W	1	3622921	0.190	0.182	4.3%	< 0.05				80%	120%
Y	1	3622921	2.12	2.17	2.3%	< 0.05				80%	120%
Zn	1	3622921	543	538	0.9%	< 0.5				80%	120%
Zr	1	3622921	11.9	12.3	3.3%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1					< 0.01	11.8	13.0	91%	80%	120%
B	1					< 5	6.7	7.00	96%	80%	120%
Cu	1					< 0.1	5798	6000	96%	80%	120%
Mo	1					< 0.05	333	360	92%	80%	120%
P	1					< 10	657	600	109%	80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1					< 0.01	12.2	13.0	94%	80%	120%
B	1					< 5	7.59	7.00	108%	80%	120%
Be	1					< 0.05	0.3	0.4	81%	80%	120%
Mo	1					< 0.05	356	360	98%	80%	120%
P	1					< 10	708	600	118%	80%	120%
Y	1					< 0.05	6	7	80%	80%	120%

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Quality Assurance

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

Solid Analysis (Continued)

RPT Date: Sep 24, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper

Certified By:

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Method Summary

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

ATTENTION TO: LOUIS DOYLE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS

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Method Summary

CLIENT NAME: BARKER MINERALS LTD.

AGAT WORK ORDER: 12V632065

PROJECT NO:

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Au-Grav			GRAVIMETRIC

APPENDIX 3

Providence Target - Black Bear 2011 - 2012
XRF QA/QC Analysis Results

XRF READINGS FOR QAQC BLACKBEAR 06 & 7 (PULPS/REJECTS/QUARTER-CORE ADDED)

Added to BB-2012-06:

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04559 - PULP 1	07319	5479	1.75	18.83	13.43	1.89	6.32	11.05	59.94	15.28	881.56	3.6	0	170.48	127.1
04559 - PULP 1	07319	5480	0	21.18	5.69	4.14	3.63	7.04	49.15	11.86	909.89	16.29	0	188.21	58.63
04559 - PULP 1	07319	5481	4.88	24.25	8.22	3.44	5.1	5.66	57.55	10.83	896.88	6.18	13.59	170.47	94.03
04559 - PULP 1	07319	5482	0	23.23	5	9.23	2.09	7.96	77.7	8.6	880.73	-5.58	0	152.23	12.38
04559 - PULP 1	07319	5483	0	25.7	8.2	10.83	4.16	11.11	56.59	2.87	882.69	1.54	0	158.86	115.76
04559 - PULP 1	07319	5484	2.18	23.4	9.63	12.54	1.68	7.15	61.29	11.02	915.51	22.99	0	177.91	89.84
04559 - PULP 1	07319	5485	0	22.13	9.3	2.19	4.33	9.12	49.6	11.74	901.91	1.63	0	158.58	94.35
04559 - PULP 1	07319	5486	3.32	23.99	7.9	0	5.65	4.32	64.14	7.36	851.52	3.97	14.06	147.78	31.4
04559 - PULP 1	07319	5487	0	30.05	6.62	11.1	2.46	0	81.57	8.22	875.04	-8.12	0	181.79	80.22
04559 - PULP 1	07319	5488	0	21.29	7.88	6.6	5.53	15.77	41.61	7.1	835.38	-6.32	0	128.39	87.45
04559 - REJECT 1	07320	5509	3.82	6.76	4.75	2.01	1	1.04	0	0	156.48	4.57	12.4	37.88	32.51
04559 - REJECT 1	07320	5510	4.88	5.13	5.52	0	2.91	7.07	15.32	16.11	545.06	6.82	0	110.62	0
04559 - REJECT 1	07320	5511	4.85	36.11	19.39	6.19	12.38	17.23	0	4.96	220.23	9.92	0	74.35	69.63
04559 - REJECT 1	07320	5512	4.58	20.04	5	8.92	0	9.38	15.19	7.53	513.19	22.2	0	125.61	125.38
04559 - REJECT 1	07320	5513	3.33	8.53	5.46	13.41	1.95	24.93	19.75	15.52	545.92	-12.22	1.85	241.82	46.32
04559 - REJECT 1	07320	5514	3.8	8.44	0	0	0	0	0	0	30.98	-6.55	0	9.84	0
04559 - REJECT 1	07320	5515	7.87	4.08	1.72	0	0	3.61	0	1.06	186.26	1.59	0	66.34	0.43
04559 - REJECT 1	07320	5516	4.85	2.58	2.9	0	1.59	0	0	0	181.86	3.17	0	48.38	0
04559 - REJECT 1	07320	5517	4.41	2.65	0	4.25	1	15.55	0	6.46	319.74	7.43	0	111.28	25.32
04559 - REJECT 1	07320	5518	8.49	0	4.86	2.4	1	1.9	0	0	107.61	5.28	0	63.76	0
04562 - PULP 1	07321	5539	0	137.07	84.59	3.35	56.55	3.83	120.98	3.82	222.31	2.06	0	3.47	66.38
04562 - PULP 1	07321	5540	0	143.37	91.06	4.17	59.42	5.76	96.47	1.55	253.77	6.65	0	28.58	76.19
04562 - PULP 1	07321	5541	0	158.1	87.45	11.09	64.87	6.88	108.15	0	251.82	-1.34	0	34.21	86.24
04562 - PULP 1	07321	5542	0	139.03	93.76	0	64.61	20.32	104.92	1.8	241.45	9.48	0	47.12	8.82
04562 - PULP 1	07321	5543	0	123.2	80.95	2.74	58.91	0	111.15	0	210.08	0.58	0	37.55	9.94
04562 - PULP 1	07321	5544	0	143.9	93.87	13.59	59.27	8.15	118.51	0	242.52	0.65	0	37.13	39.15
04562 - PULP 1	07321	5545	3.14	157.15	88.82	0	60.81	12.28	134.41	0	219.14	-2.08	0	37.28	0
04562 - PULP 1	07321	5546	0	140.5	87.46	10.62	59.85	6.9	122.72	0	254.28	-0.74	0	41.91	54.22
04562 - PULP 1	07321	5547	0	139.23	90.65	0	64.63	15.17	134.61	0	234.58	-1.24	0	17.84	9.58
04562 - PULP 1	07321	5549	0	148.98	94.5	9.58	62.27	18.22	119.5	4.68	247.14	5.55	0	23.91	77.44
04562 - REJECT 1	07322	5570	0	201.91	111.62	5.04	74.79	20.16	0	0	46.92	0.54	0	24.74	49.34
04562 - REJECT 1	07322	5571	0	106.38	110.64	4.39	65.48	17.31	55.03	1.06	68.82	10.04	0	24.32	127.89
04562 - REJECT 1	07322	5572	0	127.54	101.26	17.65	55.97	9.74	16.11	0	72.98	3.57	0	59.63	15.33

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04562 - REJECT 1	07322	5573	3.03	145.2	121.74	3.48	65.31	11.04	58.68	0	55.7	14.61	14.62	38.15	2.59
04562 - REJECT 1	07322	5574	0	138.89	115.42	5.99	91.69	15.33	24.17	0	64.43	0.2	0	26.06	25.05
04562 - REJECT 1	07322	5575	1.99	143.88	114.77	6.14	84.84	16.21	0	0	38.17	4.38	0	41.01	0
04562 - REJECT 1	07322	5576	3.25	150.61	111.97	0	79.17	21.22	87.48	0	107.73	7.82	0	24.76	48.27
04562 - REJECT 1	07322	5577	6.35	61.28	31.48	0	20.16	21.26	0	1.21	22.71	-4.48	0	21.15	177.64
04562 - REJECT 1	07322	5578	3.66	105.29	89.58	10.11	54.35	26.18	20.03	0	49.13	-5.3	0	51.06	12.72
04562 - REJECT 1	07322	5579	0	192.77	117.55	8.2	82.95	26.59	45.55	2.31	101.78	-12.41	11.2	24.98	104.51
1/4 Core FC11-03; 11.0-12.3m	07323	5602	16.85	79.16	20.11	22.33	10.67	0	513.83	6.1	229.96	11.08	0	464.39	105.08
1/4 Core FC11-03; 11.0-12.3m	07323	5603	5.62	61.05	41.6	18.21	22.92	0	57.89	0	0	6.84	0	301.54	10.52
1/4 Core FC11-03; 11.0-12.3m	07323	5604	0	37.42	25.89	3.21	10.23	0	54.84	1.88	0	1.59	11.89	96.46	0
1/4 Core FC11-03; 11.0-12.3m	07323	5605	0	28.93	19.22	4.78	13	3.96	0	1.23	0	1.72	0	40.68	10.08
1/4 Core FC11-03; 11.0-12.3m	07323	5606	8.79	29.8	9.94	9.67	5.52	0	293.74	3.5	11.51	-2.89	0	461.15	0
1/4 Core FC11-03; 11.0-12.3m	07323	5607	0	29.28	22.74	2.92	15.71	7.38	30.93	2.72	12.29	5.67	0	333.63	0
1/4 Core FC11-03; 11.0-12.3m	07323	5608	1.01	27.07	14.73	8.72	5.44	2.26	177.81	0	21.4	10.67	0	633.12	21.79
1/4 Core FC11-03; 11.0-12.3m	07323	5609	3	26.32	14.42	6.56	12.24	0	60.33	3.75	23.62	2.45	16.56	180.01	0
1/4 Core FC11-03; 11.0-12.3m	07323	5610	0	15.6	34.81	0	9.84	4.85	45.77	0	0	3.22	0	110.56	6.91
1/4 Core FC11-03; 11.0-12.3m	07323	5611	1.24	16.04	28.44	3.28	9.17	0	121.73	1.35	70.73	-1.98	0	241.51	0
1/4 Core FC11-03; 11.0-12.3m	07323	5612	1.33	40.71	42.47	2.19	23.15	12.6	50.87	0	0	1.76	0	51.51	9.7
1/4 Core FC11-03; 11.0-12.3m	07323	5613	0	33.4	30	8.42	12.55	11.59	62.84	5.69	177.42	6.37	0	444.45	0
1/4 Core FC11-03; 11.0-12.3m	07323	5614	2.41	16.52	14.09	2.72	7.86	8.77	81.79	0	82.3	4.36	0	151.03	0
1/4 Core FC11-03; 11.0-12.3m	07323	5615	0	61.34	95.76	2.01	40.42	16.01	0	0	9.5	11.19	9.48	88.05	14.21
1/4 Core FC11-03; 11.0-12.3m	07323	5616	2.27	53.17	71.9	3.1	26.54	23.92	0	0	5.09	-0.23	0	126.93	25.61
1/4 Core FC11-03; 11.0-12.3m	07323	5617	16.05	27.56	14.82	4.61	13.24	14.95	1051.5	12.62	360.11	-12.82	0	426.19	0
1/4 Core FC11-03; 11.0-12.3m	07323	5618	6.66	50.95	15.14	30.41	8.58	0	509.13	1.94	202.42	-1.09	0	560.23	71.1
1/4 Core FC11-03; 11.0-12.3m	07323	5619	13.27	61.9	16.92	13.59	9.26	0	280.85	0	0	-11.12	10.94	253.07	0
1/4 Core FC11-03; 11.0-12.3m	07323	5620	9	33.66	9.74	13.72	5.27	6.72	736.9	9.57	349.12	0.23	0	376.77	108.52
1/4 Core FC11-03; 11.0-12.3m	07323	5621	4.77	35.99	13.71	7.54	7.58	19.17	331.46	0	6.69	-4.06	12.2	376.33	0
1/4 Core FC11-03; 11.0-12.3m	07323	5622	0	61.73	35.87	9.6	22.1	10.02	78.06	0	0	4.74	0	975.17	24.14
1/4 Core FC11-03; 11.0-12.3m	07323	5623	0	39.77	25.14	5.94	15.28	10.61	121.45	0	0	1.99	0	427.02	38.57
1/4 Core FC11-03; 11.0-12.3m	07323	5624	2.06	35.93	28.28	0	16.42	7.5	133.39	0	4.83	1.43	0	337.91	28.28
1/4 Core FC11-03; 11.0-12.3m	07323	5625	0	35.29	33.36	3.07	13.63	8.46	40.27	0	162.28	5.33	0	371.6	45.89
1/4 Core FC11-03; 11.0-12.3m	07323	5626	1.24	9.05	26.1	0	5.03	3.05	51.75	1.4	0	-4.01	0	39.55	0
PG 131 Lab Standard	07324														
PM 451 Lab Standard	07325														
PM 459 Lab Standard	07326														

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
Added to BB-2012-07:															
FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04559 - PULP 2	07327	5489	3.2	24.28	10.56	10.14	3.42	7.39	77.59	7.39	935.95	13.16	0	157.79	176.22
04559 - PULP 2	07327	5490	0	19.97	7.99	11.23	6.53	10.65	73.42	12.85	882.33	-15.19	0	154.75	73.85
04559 - PULP 2	07327	5491	0	20.55	9.45	5.28	4.75	14.77	73.78	9.85	913.49	19.69	0	199.22	70.13
04559 - PULP 2	07327	5492	3.86	17.77	4.61	8.06	4.5	12.57	71.73	4.59	915.25	-3.19	4.13	155.66	53.28
04559 - PULP 2	07327	5493	6.57	18.72	9.88	4.84	4.54	6.92	48.17	7.09	950.59	-7.2	0	172.57	6.54
04559 - PULP 2	07327	5494	1.31	20.52	6.63	7.91	3.04	12.36	64.02	7.74	882.08	3.23	42.42	158.2	0
04559 - PULP 2	07327	5495	0	20.67	7.37	4.59	5.63	0	52.88	11.36	888.33	2.67	10.7	169.09	97.49
04559 - PULP 2	07327	5496	2.21	21.36	6.61	4.42	3.14	6.02	61.5	6.21	885.16	2.76	17	156.8	0
04559 - PULP 2	07327	5497	0	22.02	8.47	15.54	4.66	0	52.06	7.49	889.14	4.72	0	199.76	99.17
04559 - PULP 2	07327	5498	0	14.05	4.29	0	4.35	1.44	54.41	11.04	789.52	5.75	0	134.25	49.6
04559 - REJECT 2	07328	5519	6.81	7.02	2.57	0	1.49	2.87	20.54	1.79	289.76	10.57	0	79.84	76.78
04559 - REJECT 2	07328	5520	9.5	4.66	4.38	9.2	1.04	6.11	13.71	9.55	396.28	12.87	0	72.57	70.62
04559 - REJECT 2	07328	5521	5.79	4.78	3.63	2.31	0	0	14.74	2.68	356.73	2.78	0	142.59	68.57
04559 - REJECT 2	07328	5522	0	0	1	0	0	0	0	0	21.77	5.31	0	12.9	0
04559 - REJECT 2	07328	5523	0	2.44	7.91	3.23	0	0	0	0	159.6	3.53	0	78.5	24.05
04559 - REJECT 2	07328	5524	0	0	1	0	1	0	0	0	9.25	3.03	0	0	0
04559 - REJECT 2	07328	5525	5.15	8.56	4.88	1.71	1.99	16.71	18.83	3.77	412.13	6.56	3.44	160.89	55.58
04559 - REJECT 2	07328	5526	0	9.03	3.65	1.85	0	0	0	2.2	168.83	5.15	0	55.88	22.16
04559 - REJECT 2	07328	5527	2.76	8.02	6.31	1.71	2.07	1.62	19.14	5.68	444.21	5.23	11.64	127.55	55.34
04559 - REJECT 2	07328	5528	7.72	7.77	4.39	0	3.1	11.39	27.48	0	490.81	6.32	0	131.98	119.31
04562 - PULP 2	07329	5550	0	133.79	93.9	4.55	57.11	0	94.82	0	246.7	8.45	0	28.8	63.13
04562 - PULP 2	07329	5551	2.72	146.19	89.96	0	61.87	8.27	104.73	0	256.28	-3.64	0	39.4	58.45
04562 - PULP 2	07329	5552	1.11	129.85	94.95	11.03	59.64	20.29	137.51	3.47	242.13	15.48	0	67.52	55.21
04562 - PULP 2	07329	5553	0	141.22	89.75	1.82	58.74	9.81	123.49	2.71	236.07	-3.78	0	30.24	26.94
04562 - PULP 2	07329	5554	1.89	143.39	95.61	0	62.78	22.21	115	2.77	237.83	12.53	0	48.85	20
04562 - PULP 2	07329	5555	0	114.99	90.95	10.2	58.75	12.42	109.27	2.97	239.79	11.22	0	14.1	89.56
04562 - PULP 2	07329	5556	1.7	125.61	86.71	6.68	60.35	23.13	125.75	0	223.14	-1.98	0	40.19	3.33
04562 - PULP 2	07329	5557	3.68	137.87	91.05	0	60.8	10.24	101.38	0	239.17	-2.58	0	44.78	67.24
04562 - PULP 2	07329	5558	0	157.12	88.02	6.71	60.26	13.06	102.21	5.81	214.01	0.08	0	45.69	94.15
04562 - PULP 2	07329	5559	0	145.14	93.99	12.09	60.96	16.74	101.83	0	242.55	-3.5	10.67	36.88	22.12
04562 - REJECT 2	07330	5580	0	120.8	108.36	1.62	62.27	15.66	51.65	2.11	85.86	11.38	0	36.51	55.4
04562 - REJECT 2	07330	5581	1.89	151.15	98.13	2.28	74.03	14.27	31.13	0	124.09	5.87	12.34	41.05	0
04562 - REJECT 2	07330	5582	0	138.88	117.16	4.98	67.51	21.09	32.9	1.99	94.31	0.85	0	39.18	27.57
04562 - REJECT 2	07330	5583	1.28	164.24	112.8	1.82	74.19	19.54	40.29	1.58	112.19	6.06	0	106.26	17.11

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04562 - REJECT 2	07330	5584	0	126.66	108.7	1.84	66.2	16.89	6.37	0	117.8	4.52	0	42	0
04562 - REJECT 2	07330	5585	2.97	113.51	98.47	2.71	71.23	21.85	70.6	0	115.69	5.08	0	34.75	11.96
04562 - REJECT 2	07330	5586	0	170.66	111.72	9.56	72.47	21.33	36.8	0	113.88	6.46	0	38.74	0
04562 - REJECT 2	07330	5587	2.17	155.07	110.27	0	77.01	15.42	24.43	0	101.95	9	10.64	128.59	0
04562 - REJECT 2	07330	5588	0	163.17	116.56	6.53	67.3	16.01	16.83	0	54.98	10.21	0	31.79	68.67
04562 - REJECT 2	07330	5589	4.1	172.74	108.89	8.36	77.67	23.28	49.36	0	171.98	9.63	0	28.49	72.52
1/4 Core FC11-03; 14.21-14.90m	07331	5627	0	38.19	9.52	2.72	13.55	9.83	0	1.17	0	6.14	0	96.72	14.08
1/4 Core FC11-03; 14.21-14.90m	07331	5628	0	33.95	6.46	2.27	4.22	5.88	0	0	0	5.16	0	76.35	0
1/4 Core FC11-03; 14.21-14.90m	07331	5629	0	37.56	2.7	3.04	4.17	6.1	0	0	0	2.61	0	112.39	9.81
1/4 Core FC11-03; 14.21-14.90m	07331	5630	0	36.37	2.62	7.97	0	15.57	25.44	0	5.33	6.4	12.51	161.64	0
1/4 Core FC11-03; 14.21-14.90m	07331	5631	0	45.97	7.77	1.55	14.72	7.2	0	0	0	6.38	0	68.65	0
1/4 Core FC11-03; 14.21-14.90m	07331	5632	0	36.41	2.86	0	0	0	518.54	0	23.32	4.85	0	190.04	4.83
1/4 Core FC11-03; 14.21-14.90m	07331	5633	0	80.45	4.56	3.32	2.29	4.01	705	1.63	43.09	5.17	6.8	887.81	0
1/4 Core FC11-03; 14.21-14.90m	07331	5634	0	51.98	16.28	4.17	27.11	0	0	0	0	3.99	0	53.87	10.57
1/4 Core FC11-03; 14.21-14.90m	07331	5635	0	54.62	12.09	0	16.92	8.32	36	0	0	5.09	0	110	11.49
1/4 Core FC11-03; 14.21-14.90m	07331	5636	0	31.64	0	1.05	2.06	5.69	4890.23	2.04	4	1.35	0	190.79	128.17
1/4 Core FC11-03; 14.21-14.90m	07331	5637	0	2.49	85.76	2.67	4.22	0	24.56	0	0	2.46	0	26.92	5.8
1/4 Core FC11-03; 14.21-14.90m	07331	5638	0	4.7	32.67	0	1.49	0	169.19	0	0	4.99	0	52.58	9.92
1/4 Core FC11-03; 14.21-14.90m	07331	5639	0	33.86	11.49	3.63	3.79	8.07	340.5	0	29.49	-2.83	0	506.27	34.37
1/4 Core FC11-03; 14.21-14.90m	07331	5640	0	41.08	4.27	0	5.06	0	20.2	2.09	0	0.39	0	125.79	0
1/4 Core FC11-03; 14.21-14.90m	07331	5641	0	71.23	9.68	0	16.5	18.57	20.7	0	0	2.15	0	355.46	17.55
1/4 Core FC11-03; 14.21-14.90m	07331	5642	0	45.75	8.23	0	14.31	0	0	0	0	6.29	0	82.64	0
1/4 Core FC11-03; 14.21-14.90m	07331	5643	1.1	44.51	1.48	2.07	1	13.42	126.96	3.29	11.72	4.13	0	194.87	55.43
PG 131 Lab Standard	07332														
PM 451 Lab Standard	07333														
PM 459 Lab Standard	07334														

TO BE Added to BB-2012-08:

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04559 - PULP 3		5499	3.1	23.68	8.41	5.5	3.76	12.92	67.44	13.22	890.79	-9.2	26.63	180.09	0
04559 - PULP 3		5500	3.8	20.96	6.18	0	5.29	13.66	47.76	3.57	883.41	-10.77	34.4	155.96	0
04559 - PULP 3		5501	3.54	28.1	10.7	8.95	4.84	14.66	42.14	10.19	898.91	-16.21	13.57	163.23	7.04
04559 - PULP 3		5502	3.85	20.11	9.53	0	6.12	12.58	50.34	16.54	912.16	12.05	12.27	220.58	59.76
04559 - PULP 3		5503	2.02	20.34	6.05	1.99	4.77	10.3	38.58	10.08	894.64	15.01	21.1	178.51	0
04559 - PULP 3		5504	3.21	20.37	6.65	6.55	1.5	9.31	54.69	0	828.54	-1.43	16.46	162.93	0
04559 - PULP 3		5505	0	24.56	10.5	3.07	5.3	1.3	55.84	10.15	802.52	-3.35	13.95	174.34	0

FC11-03 Sample #	Assay Sample #	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W
04559 - PULP 3		5506	2.4	19.31	5.77	5.17	5.68	28.4	58.89	8.02	855.39	1.09	0	175.86	92.5
04559 - PULP 3		5507	0	18.78	5.86	0	3.25	0	45.48	6.42	720.76	7.29	0	124.66	54.23
04559 - PULP 3		5508	5.8	30.56	5.64	2.41	7.23	15.09	72.85	9.93	911.95	19.62	0	165.95	111.09
04559 - REJECT 3		5529	0	9.13	3.64	1.07	2.61	12.78	19.19	6.39	499.11	-4.47	9.64	119.89	48.28
04559 - REJECT 3		5530	2.89	9.6	2.83	16.02	0	10.06	14.96	5.62	507.66	14.39	0	207.33	67.07
04559 - REJECT 3		5531	0	3	0	3.37	1	0	0	0	30.75	5.17	0	0	33.18
04559 - REJECT 3		5532	3.72	18.1	8.78	7.19	3.19	8.1	38.5	6.91	444.75	8.81	14.45	157	22.55
04559 - REJECT 3		5533	0	1.68	3.97	0	1.39	6.76	0	5.84	352.4	2.11	0	152.86	47.52
04559 - REJECT 3		5534	2.6	8.77	5.94	2.99	2.94	15.12	12.43	8.03	413.3	4.17	0	117.53	50.01
04559 - REJECT 3		5535	5.61	5.54	2.91	3.52	1	12.46	0	5.31	319.92	5.43	0	86.59	0
04559 - REJECT 3		5536	3.21	14.39	7.73	2.69	2.19	4.34	19.65	5.89	472.93	-0.34	3.79	136.78	39.05
04559 - REJECT 3		5537	0	10.73	1.63	2.02	0	0	0	14.07	225.5	11.77	5.43	62.94	119.47
04559 - REJECT 3		5538	0	8.95	4.93	2.93	1.61	6.56	22.02	1.74	418.27	11.12	0	137.58	67.94
04562 - PULP 3		5560	3.89	149.62	92.03	8.04	63.66	22.8	104.31	0	236.38	5.81	0	33.46	75.53
04562 - PULP 3		5561	2.81	125.15	81.12	0	59.74	14.65	94.02	1.98	229.16	10.04	0	22.61	0
04562 - PULP 3		5562	3.11	147.06	95.11	6.78	63.44	24.37	92.96	2.22	235.28	5.18	0	29.57	13.49
04562 - PULP 3		5563	1.06	125.79	88.4	6.05	62.29	12.84	105.11	0	252.38	12.6	0	35.33	38.9
04562 - PULP 3		5564	4.09	76.52	61.01	0	43.08	14.85	71.12	0	207.43	-3.67	0	20.3	0
04562 - PULP 3		5565	1.76	118.1	88.52	4.13	64.28	23.68	110.11	0	247.54	7.42	0	32.52	0
04562 - PULP 3		5566	1.78	117.56	82.22	4.41	59.05	28.29	97.42	0	257.04	4.95	0	33.27	39.5
04562 - PULP 3		5567	8.71	151.15	83.57	14.59	58.87	0	102.17	29.62	233.42	-5.27	0	26.78	0
04562 - PULP 3		5568	0	127.28	92.01	14.04	57.85	13.22	99.64	1.69	244.96	4.37	0	24.89	138.96
04562 - PULP 3		5569	2.13	123.72	87.78	5.53	62.24	14.32	99.92	3.64	240.55	13.66	0	17.44	86.19
04562 - REJECT 3		5590	0	173.6	112.17	3.76	89.44	15.59	54.33	0	97.3	9.62	0	39.32	9.88
04562 - REJECT 3		5591	1.58	133.47	102.44	4.48	70.77	19.95	41.9	0	118.76	-2	0	24.18	14.26
04562 - REJECT 3		5592	1.32	180.7	120.72	3.9	73.72	12.35	32.68	0	138.39	5.44	0	36.16	67.34
04562 - REJECT 3		5593	1.84	130.76	83.94	0	64.31	17.11	14.26	0	92.78	-0.87	0	24	24.9
04562 - REJECT 3		5594	4.22	138.51	100.63	2.75	72.34	18.1	49.78	0	129.66	-8.02	14.06	54.18	0
04562 - REJECT 3		5595	0	141.73	93.69	6.26	69.6	20.03	110.45	2.51	160.23	8.66	0	51.47	22.44
04562 - REJECT 3		5596	3.58	140.92	114.19	8.44	74.59	15.67	71.15	0	138.52	0.55	0	42.53	27.16
04562 - REJECT 3		5597	3.19	63.36	52.49	0	35.64	19.9	8.74	0	58.04	-8.01	0	5.24	148.3
04562 - REJECT 3		5598	0	105.13	98.04	6.45	57.92	13.13	15.81	0	53.34	-2.12	0	31	26.93
04562 - REJECT 3		5599	0	124.95	106.46	4.88	77.22	17.04	46.04	3.22	96.35	2.36	0	35.93	0
PG 131 Lab Standard															
PM 451 Lab Standard															
PM 459 Lab Standard															

XRF READINGS FOR QAQC BLACKBEAI

Added to BB-2012-06:

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04559 - PULP 1	380.46	325	913.54	169856.38	834.18	0	0	0	117.76	4.39	1	4.52	0	0	4891.45
04559 - PULP 1	349.59	179.71	406.23	172077.08	617.99	0	0	13.83	25.85	0	1	11.04	0	0	3109.79
04559 - PULP 1	429.56	246.7	714.34	172838.69	739.8	0	0	23.97	97.36	0	1	15.98	0	0	4607.44
04559 - PULP 1	306.53	169.79	337.43	170571.75	0	0	0	0	0	0	1	0	1973.56	1112.49	0
04559 - PULP 1	420.52	297.93	767.34	168733.34	0	0	0	10.23	27.41	2.24	1	0	1501.17	1273.86	0
04559 - PULP 1	398.04	265.44	423.11	170637.91	237.27	0	18.98	7.35	130.02	2.59	1	0	232.23	0	676.33
04559 - PULP 1	340.46	210.8	670.59	169380.88	0	0	0	0	1.57	2.91	1	11.79	1310.98	1284.21	0
04559 - PULP 1	334.22	244.62	0	171558	0	0	0	0	81.01	4.28	1	9.24	3050.33	2156.78	0
04559 - PULP 1	389.03	284.73	305.21	170186.77	457.28	0	0	4.41	28.11	4.26	1	19.59	0	0	1648.54
04559 - PULP 1	337.04	153.67	550.53	164679.8	0	0	0	0	0	3.15	1	0	2674.43	2249.36	0
04559 - REJECT 1	117.78	0	81.9	65059.23	0	0	0	0	0	3.73	1	0	2810.22	2821.93	0
04559 - REJECT 1	321	116.88	245.94	111544.15	0	0	0	0	0	3.77	1	0	0	0	0
04559 - REJECT 1	80.2	0	330.28	75368.58	0	0	0	0	0	5.2	1	0	2019.24	2398.84	0
04559 - REJECT 1	188.58	201.14	404.96	104807.44	0	0	0	0	16.8	0	1	0	2485.24	2269.77	0
04559 - REJECT 1	311.58	76.36	630.46	119402.7	0	0	0	0	0	3.54	1.12	0	4411.34	3865.81	0
04559 - REJECT 1	13.15	0	0	11525.14	0	0	0	0	0	2.35	1	4.13	2133.25	3185.29	0
04559 - REJECT 1	102.23	0	166.54	52683.09	0	0	0	0	0	1.88	1	0	907.66	1289.31	0
04559 - REJECT 1	60.94	0	69.19	59805.11	0	0	0	0	0	6.32	1	0	2922.81	2772.77	0
04559 - REJECT 1	80.77	75.72	99.7	84966.85	27.95	0	0	0	0	0	1	0	0	0	2100.01
04559 - REJECT 1	47.77	0	12.87	49387.26	0	0	0	0	0	2.23	1	0	4039.95	4328.29	0
04562 - PULP 1	39.73	0	86.04	78558.52	66.51	0	0	0	0	12.93	2.81	0	3149.49	3370.1	0
04562 - PULP 1	24.56	0	0	76697.16	365.06	0	0	0	0	11.81	3.64	4.83	1420.8	1300.68	0
04562 - PULP 1	24.85	19.33	221.38	78456.02	559.98	0	0	0	0	13.28	2.62	4.36	138.9	281.23	1505.64
04562 - PULP 1	38.67	0	113.89	75750.59	627.19	0	0	0	0	11.3	2.71	0	1811.39	1675.03	391.02
04562 - PULP 1	24.64	0	0	67120.67	0	0	0	0	0	9.21	1.9	5.14	4380.98	4377.53	0
04562 - PULP 1	39	0	69.68	76444.48	0	0	0	0	0	9.02	2.6	7.24	2722.85	2690.27	0
04562 - PULP 1	13.2	0	163.95	78467.28	626.32	0	0	0	0	9.38	2.14	0	0	0	2967.45
04562 - PULP 1	21.5	1.33	93.28	79683.55	599.44	0	0	0	0	11.61	3.59	10.13	0	75.67	3059.95
04562 - PULP 1	63.42	0	234.13	78108.95	681.4	0	0	0	0	12.95	2.16	0	131.13	893.12	2692.86
04562 - PULP 1	29.32	0	236.47	78633.19	696.56	0	0	0	0	12.7	2.35	0	0	281.97	2764.19
04562 - REJECT 1	0	0	0	47471.02	390.43	0	0	0	0	13.29	1.81	0	1730.16	1616.95	384.76
04562 - REJECT 1	19.37	0	0	59179.04	836.06	0	0	0	0	14.42	1.25	0	499.09	703.08	2702.17
04562 - REJECT 1	15.12	0	193.71	43856.72	762.41	0	0	0	0	5.96	17.36	0	3316.53	2960.07	0

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04562 - REJECT 1	30.72	102.93	248.52	43808.74	829.41	0	0	0	0	10.97	2.53	0	0	0	6354.96
04562 - REJECT 1	22.06	0	0	35472.19	0	0	0	0	0	12.21	2.4	0	4912.92	4483.91	0
04562 - REJECT 1	43.2	0	289.65	30146.6	652.31	0	0	0	0	12.26	1.96	0	0	0	4120.22
04562 - REJECT 1	27.81	0	146.2	63407.52	165.61	0	0	0	0	13.42	1.96	0	3350.11	3353.56	0
04562 - REJECT 1	115.63	0	43.44	15772.93	0	0	0	0	0	7.17	1.26	0	2610.23	2426.67	37679.32
04562 - REJECT 1	24.47	0	0	34461.61	414.72	0	0	0	0	10.45	1.48	0	337.02	960.51	7977.01
04562 - REJECT 1	22.45	0	367.94	51295.16	694.86	0	0	0	0	11.46	2.17	0	0	0	3827.05
1/4 Core FC11-03; 11.0-12.3m	891.93	102.17	0	160926.94	2401.36	0	0	0	22.32	5.49	3.75	44.96	1425.68	1342.6	0
1/4 Core FC11-03; 11.0-12.3m	206.19	124.8	0	118979.84	2644.53	0	0	4.27	0	6.64	9.41	30.44	0	0	3925.27
1/4 Core FC11-03; 11.0-12.3m	80.28	0	0	60161.84	1354.4	0	0	0	0	3.18	2.46	2.12	0	97.19	1289.58
1/4 Core FC11-03; 11.0-12.3m	47.2	0	0	38528.28	881.29	0	0	0	0	2.66	1.7	0	0	0	1260.33
1/4 Core FC11-03; 11.0-12.3m	927.35	121.26	0	96928.26	3559.02	0	0	0	0	0	1.76	15.66	2450.11	2599.05	0
1/4 Core FC11-03; 11.0-12.3m	196.49	88.72	0	30899.59	501.13	0	0	0	0	1.38	2.24	0	0	0	3549.55
1/4 Core FC11-03; 11.0-12.3m	759.32	0	0	86350.95	2213.94	0	0	0	0	3.13	1.7	0	0	0	2962.77
1/4 Core FC11-03; 11.0-12.3m	275.13	0	0	86351.4	1755.49	0	0	0	0	1.94	1.68	8.9	2870.23	2348.19	0
1/4 Core FC11-03; 11.0-12.3m	153.58	0	0	31525.89	987.74	0	0	0	0	0	1	0	0	0	2325.88
1/4 Core FC11-03; 11.0-12.3m	872.43	0	0	70135.51	1117.26	0	0	0	0	2.87	1.15	15.85	0	0	2358.19
1/4 Core FC11-03; 11.0-12.3m	79.35	0	0	41374.84	936.38	0	0	0	0	5.75	2.03	0	0	0	1789.51
1/4 Core FC11-03; 11.0-12.3m	143.05	140.7	0	87138.61	748.76	0	0	0	0	2.76	2.42	0	0	0	3395.06
1/4 Core FC11-03; 11.0-12.3m	353.47	99.99	0	92764.38	949.82	0	0	0	0	0	1	0	903.23	914.19	0
1/4 Core FC11-03; 11.0-12.3m	25.12	78.66	0	138416.7	1582.42	0	0	0	0	12.19	3.7	0	0	0	4440.32
1/4 Core FC11-03; 11.0-12.3m	64.22	120.51	0	124937.84	1785.35	0	0	0	0	6.97	3.42	8	0	0	2320.79
1/4 Core FC11-03; 11.0-12.3m	1272.58	176.88	0	192017.94	3326.79	0	0	0	95.99	7.42	2.01	7.3	595.85	662.19	0
1/4 Core FC11-03; 11.0-12.3m	1986.7	158.15	0	130740.54	1936.6	0	0	0	27.45	3.5	2.69	23.55	88.12	333.23	483.89
1/4 Core FC11-03; 11.0-12.3m	365.84	120.04	0	72356.05	2075.63	0	0	0	0	4.31	3.26	32.91	0	0	4041.06
1/4 Core FC11-03; 11.0-12.3m	1093.36	115.03	0	170431.33	1214.91	0	0	0	39.29	5.6	2.32	1.04	0	0	2109.93
1/4 Core FC11-03; 11.0-12.3m	613.25	228.87	0	109434.36	4585.7	0	0	0	0	0	2.17	7.9	5723.62	5193.15	0
1/4 Core FC11-03; 11.0-12.3m	452.32	126.08	0	99091.16	3070.14	0	0	0	0	4.84	5.72	0	0	0	1766.14
1/4 Core FC11-03; 11.0-12.3m	703.52	108.72	0	93483.5	1916.97	0	0	0	0	3.66	4.39	1.24	0	0	4116.03
1/4 Core FC11-03; 11.0-12.3m	903.01	110.91	0	97340.73	2051.14	0	0	0	0	4.89	3.92	0	670.66	621.7	0
1/4 Core FC11-03; 11.0-12.3m	115.06	106.43	7.75	71796.08	534.05	0	0	0	0	3.39	2.06	0	277.53	20.81	287.69
1/4 Core FC11-03; 11.0-12.3m	131.95	0	0	14625.3	492.61	0	0	0	0	0	1	0	0	0	516.62
PG 131 Lab Standard															
PM 451 Lab Standard															
PM 459 Lab Standard															

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti

Added to BB-2012-07:

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04559 - PULP 2	340.4	192.34	545.05	173982.5	764.25	0	7.06	1.86	145.23	1.41	1	0	0	0	4513.74
04559 - PULP 2	381.61	267.65	313.8	169851.81	262.42	0	6.74	0	61	2.18	1	0	89.09	0	421.27
04559 - PULP 2	358.36	223.61	573.52	171246.63	0	0	0	0	82.74	3.83	1	0	2426.17	2098.5	0
04559 - PULP 2	353.52	320.22	222.54	169498.09	417.59	0	12.22	7.33	80.92	0	1	2.58	0	0	1485.32
04559 - PULP 2	350.64	250.34	299.58	171392.61	84.75	0	0	0	29.58	3.57	1	0	113.06	0	344.22
04559 - PULP 2	365.79	183.61	621.15	165631.94	0	0	0	0	2.02	0	1	0	1475.94	1506.38	0
04559 - PULP 2	343.27	212.7	620.77	168185.05	19	0	0	0	53.22	3.92	1	30.55	87.44	0	930.17
04559 - PULP 2	349.39	259.39	483.68	169490.2	191.12	0	0	0	11.81	5.51	1	1.46	0	0	717.17
04559 - PULP 2	396.58	200.82	569.88	168894.44	430.9	0	0	16.73	81.47	0	1	42.43	0	0	2362.08
04559 - PULP 2	320.55	33.63	386.33	158674.06	0	0	0	0	0	2.42	1	3.44	3289.7	2817.63	0
04559 - REJECT 2	113.75	105.91	372.71	63260.34	6.61	0	0	0	0	4.22	1	0	0	0	3450.57
04559 - REJECT 2	140.04	208.31	641.23	125518.44	541.71	0	0	0	0	5.26	1	0	0	0	3557.86
04559 - REJECT 2	142.39	104.17	337.03	99254	174.52	0	0	0	0	1.47	1	2.82	0	61.27	1022.95
04559 - REJECT 2	0	0	0	6512.92	34.59	0	0	0	0	0	1	0	0	0	0
04559 - REJECT 2	67.81	111.85	0	49819.25	100.19	0	0	0	0	0	1	9.15	0	0	0
04559 - REJECT 2	0	0	0	4510.07	0	0	0	0	0	0	1	15.44	5870.77	5635.9	0
04559 - REJECT 2	154.07	214.21	233.21	92382.63	190.89	0	0	0	0	1.63	1	0	0	0	23.53
04559 - REJECT 2	66.36	0	234.15	51805.67	0	0	0	0	0	0	1	12.72	4089.75	4153.77	0
04559 - REJECT 2	158.93	173	673.03	91098.43	363.69	0	0	0	0	4.89	1	7.07	0	0	2805.89
04559 - REJECT 2	183.39	138.42	771.01	102507.47	257.25	0	0	0	0	1.55	1	0	70.06	0	0
04562 - PULP 2	50.71	0	202.4	75498.61	836.04	0	0	0	0	10.78	2.71	24.2	649.04	707.06	1354.09
04562 - PULP 2	42.79	0	173.19	79362.92	62.12	0	0	0	0	16.63	2.01	0	2017.92	1748.44	0
04562 - PULP 2	51.86	120.74	27.64	74629.8	772.1	0	0	0	0	11.01	2.77	0	0	0	4389.48
04562 - PULP 2	20.5	0	219.94	76692.52	152.76	0	0	0	0	10.74	2.46	0	2130.09	2306.9	0
04562 - PULP 2	52.07	0	210.78	74342.53	786.83	0	0	0	0	10.79	2.76	4.34	0	0	4135.16
04562 - PULP 2	16.07	0	130	76432.66	0	0	0	0	0	9.03	2.58	2.98	5721.34	5451.04	0
04562 - PULP 2	36.58	0	290.77	76126.85	905.64	0	0	0	0	10.26	2.42	0	0	0	4481.07
04562 - PULP 2	61.36	0	105.96	76273.41	419.6	0	0	0	0	12.68	2.98	0	1851.45	1500.46	0
04562 - PULP 2	16.71	0	150.85	74851.27	185.92	0	0	0	0	8.92	2.21	0	2238.84	1828.5	0
04562 - PULP 2	52.97	0	137.09	76202.48	635.85	0	0	0	0	9.21	3.3	0	728.71	980.85	1547.03
04562 - REJECT 2	64.67	147.47	0	48256.12	724.26	0	0	0	0	10.78	2.38	0	553.11	343.32	1197.08
04562 - REJECT 2	28.14	0	302.47	54980.7	743.77	0	0	0	0	13.64	1.21	0	1020.74	835.79	1675.88
04562 - REJECT 2	0	91.99	0	53596.02	844.86	0	0	0	0	9.13	2.75	0	0	0	6890.94
04562 - REJECT 2	13.82	99.48	0	55203.34	822.61	0	0	0	0	9.18	3.39	0	1512.89	1600.32	1903.53

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04562 - REJECT 2	20.48	30.6	269.88	64571.96	771.65	0	0	0	0	9.48	2.17	0	0	0	2890.19
04562 - REJECT 2	27.27	0	164.39	45837.18	613.72	0	0	0	0	15.95	1.9	14.08	0	0	8337.56
04562 - REJECT 2	21.81	120.5	16.89	59458.55	836.38	0	0	0	0	9.34	4.03	0	0	0	4626.31
04562 - REJECT 2	17.49	0	251.01	50082.22	739.03	0	0	0	0	15.42	2.1	0	222.07	475.59	3481.27
04562 - REJECT 2	41.49	0	0	40437.77	799.8	0	0	0	0	10.8	2.05	1.41	931.45	1156.72	2219.51
04562 - REJECT 2	18.93	0	0	72234.02	273.19	0	0	0	0	12.6	2.9	0	2613.79	2457	0
1/4 Core FC11-03; 14.21-14.90m	15.23	0	0	41378.67	1742.61	0	0	0	0	2.63	1.15	0	0	0	2968.77
1/4 Core FC11-03; 14.21-14.90m	19.28	0	0	36179.57	1776.89	0	0	0	0	4.3	1	0	307.24	395.67	691.98
1/4 Core FC11-03; 14.21-14.90m	0	0	0	45626.73	1322.64	0	0	0	0	1.83	1.29	0	0	0	1416.59
1/4 Core FC11-03; 14.21-14.90m	18.03	153.65	0	122443.49	7080.16	0	0	0	0	1.25	1.78	0	0	0	2215.9
1/4 Core FC11-03; 14.21-14.90m	12.23	0	89.25	19348.61	175.58	0	0	0	0	4.13	1.22	0	258.89	171.65	243.7
1/4 Core FC11-03; 14.21-14.90m	116.72	45.66	0	118420.74	3001	0	0	0	0	5.68	3.02	26.96	3870.77	3561.34	0
1/4 Core FC11-03; 14.21-14.90m	1000.09	40.26	0	114679.3	2245.42	0	0	0	53.47	3.29	2.55	7.72	312.42	531.74	891.65
1/4 Core FC11-03; 14.21-14.90m	21.08	100.71	0	10920.93	157.23	0	0	0	0	6.45	1.07	10.72	0	0	3184.68
1/4 Core FC11-03; 14.21-14.90m	70.18	0	0	49154.51	1442.85	0	0	0	0	4.87	1.32	0	199.88	504.04	917.78
1/4 Core FC11-03; 14.21-14.90m	13.18	22.83	0	121252.72	5209.13	0	0	0	6.96	10.48	1	0	0	0	2593.05
1/4 Core FC11-03; 14.21-14.90m	12.51	0	0	10291.75	1396.17	0	0	0	0	0	1	0	0	0	3674.4
1/4 Core FC11-03; 14.21-14.90m	27.94	0	0	19752.74	1809.74	0	0	0	0	0	1	6.78	0	0	858.14
1/4 Core FC11-03; 14.21-14.90m	345.79	0	23.35	69815.52	482.77	0	0	0	0	3.97	1.54	0	29.58	481.14	1187.55
1/4 Core FC11-03; 14.21-14.90m	51.11	97.22	0	36473.29	1015.12	0	0	0	0	5	1.34	14.54	604.22	941.61	0
1/4 Core FC11-03; 14.21-14.90m	70.61	0	0	37344.83	0	0	0	0	0	5.78	1.83	5.8	2181.04	2147.37	0
1/4 Core FC11-03; 14.21-14.90m	24.69	0	75.35	20748.99	152.96	0	0	0	0	4.62	1.04	3.99	0	0	6700.93
1/4 Core FC11-03; 14.21-14.90m	0	124.56	0	130362.31	5114.37	0	0	0	26.91	5.9	2.17	0	0	0	2917.72
PG 131 Lab Standard															
PM 451 Lab Standard															
PM 459 Lab Standard															

TO BE Added to BB-2012-08:

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04559 - PULP 3	346.87	332.8	575.33	169922.92	211.15	0	22.04	0	120.14	5.98	1	0	0	0	1023.12
04559 - PULP 3	400.15	236.61	428.99	170660.41	0	0	0	0	73.53	5.18	1	0	3060.86	2689.2	0
04559 - PULP 3	413.02	293.65	274.13	171835.52	0	0	0	0	138.04	0	1	0	1956.75	1239.58	0
04559 - PULP 3	386.62	272.79	187.03	174561.25	25.12	0	9.36	0	118.44	1.96	1	0	2540.07	1818.35	0
04559 - PULP 3	417.11	326.73	559.42	168607.06	208.94	0	8.8	0	75.24	5.27	1	0	0	0	533.9
04559 - PULP 3	338.73	165.06	254.4	164217.34	933.89	0	0	0	0	1.76	1	0	0	0	6052.25
04559 - PULP 3	343.03	161.31	243.49	161329.44	418.72	0	0	0	11.37	3.19	1	13.27	0	0	1985.83

FC11-03 Sample #	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
04559 - PULP 3	296.44	126.53	453.2	164313.92	301.9	0	0	0	0	2.29	1	0	0	0	1316.71
04559 - PULP 3	262.32	24.73	523.23	147786.73	139.78	0	0	0	0	0	1	4.18	140.36	145	134.36
04559 - PULP 3	395.96	249.45	615.3	168703.63	0	0	0	0	102.03	5.84	1	0	2392.95	1951.76	0
04559 - REJECT 3	195.62	278.76	746.39	99654.7	540.27	0	0	0	0	1.05	1	0	0	0	4355.54
04559 - REJECT 3	249.72	206.71	392.59	101559.41	392.14	0	0	0	40.87	3.34	1	0	0	0	2427.62
04559 - REJECT 3	60.86	0	0	16491.28	0	0	0	0	0	0	1	0	1186.95	2303.6	0
04559 - REJECT 3	245.66	126.92	602.02	104900.93	451.53	0	0	0	0	4.63	1	0	0	0	4315.28
04559 - REJECT 3	244.05	104.9	244.32	88276.2	0	0	0	0	0	1.54	1	0	2797.91	2388.99	0
04559 - REJECT 3	233.27	129.37	350.52	93346.59	0	0	0	0	0	2.98	1	0	2288.58	2130.78	0
04559 - REJECT 3	110.08	0	288.81	85216.3	214.43	0	0	0	0	2.7	1	0	0	0	672.87
04559 - REJECT 3	237.43	236.19	544.24	93237.41	330.56	0	0	0	0	2.93	1	0	0	0	1161.3
04559 - REJECT 3	138.8	144.36	300.95	63375.01	0	0	0	0	3.86	0	1	5.37	4486.15	4477.22	0
04559 - REJECT 3	143.55	4.81	505.93	96428.68	0	0	0	0	0	3.57	1	0	3923.31	3680.78	0
04562 - PULP 3	38.53	0	204.5	76871.75	68.1	0	0	0	0	6.51	2.13	0	2946.82	2996.77	0
04562 - PULP 3	19.76	0	171.11	77127.5	548.92	0	0	0	0	9.48	2.73	0	256.32	498.54	1610.88
04562 - PULP 3	34.23	0	170.85	76398.92	407.59	0	0	0	0	10.82	2.76	0	1623.22	1733.25	0
04562 - PULP 3	0	0	9.2	77326.62	552.43	0	0	0	0	10.22	2.15	0	0	307.41	2257.51
04562 - PULP 3	0	0	403.3	69840.1	696.96	0	0	0	0	10.01	1.48	0	0	91.13	2235.94
04562 - PULP 3	22.33	0	262.34	75137.68	419.52	0	0	0	0	8.65	2.3	0	2151.62	2384.24	0
04562 - PULP 3	29.55	0	69.98	78011.38	211.81	0	0	0	0	8.61	2.79	0	2596.71	2997.87	0
04562 - PULP 3	0	0	0	79138.88	0	0	0	18.3	0	25.64	2.17	49.72	11143.35	9747.87	0
04562 - PULP 3	47.67	0	397.38	76136.24	541.39	0	0	0	0	10.75	2.38	0	774.79	1122	847.34
04562 - PULP 3	37.9	0	289.74	76711.48	1261.87	0	0	0	0	9.17	2.72	0	0	0	7765.06
04562 - REJECT 3	42.35	0	12.35	51307.94	809.12	0	0	0	0	13.58	2.36	0	0	0	5784.94
04562 - REJECT 3	15.99	0	156.33	62684.94	748.64	0	0	0	0	10.67	1.84	0	0	0	3765.11
04562 - REJECT 3	36.46	0	318.39	65233.51	1101.64	0	0	0	0	11.3	2.38	0	0	0	4936.56
04562 - REJECT 3	16.15	0	136.19	47588.91	395.93	0	0	0	0	12.84	2.1	0	1402.62	1987.79	2215.11
04562 - REJECT 3	28.05	99.85	219.54	55641.99	888.48	0	0	0	0	11.33	2.53	0	0	0	4706.64
04562 - REJECT 3	22.74	0	97.94	68879.8	588.02	0	0	0	0	11.95	2.43	0	929.28	996.58	1089.44
04562 - REJECT 3	21.54	0	186.12	67976.82	753.26	0	0	0	0	11.87	2.05	0	519.17	831.81	2187.53
04562 - REJECT 3	49.41	0	28.23	35862.87	205.42	0	0	0	0	10.86	1.13	0	945.19	1010.41	14628.84
04562 - REJECT 3	0	0	181.72	40328.2	605.99	0	0	0	0	10.37	1.39	7.87	0	0	4530.73
04562 - REJECT 3	15.76	0	0	49976.91	656.8	0	0	0	0	13.41	2.32	0	2128.03	2516.3	0
PG 131 Lab Standard															
PM 451 Lab Standard															
PM 459 Lab Standard															

APPENDIX 4

Providence Target - Black Bear 2011 - 2012
Drill Logs, Sample Information & Summaries

PROPERTY: BLACK BEAR

BARKER MINERALS LTD.

DRILL HOLE NO. BB12 - XX

Dip & Azimuth Tests			BB-2012-06	Easting (NAD 83):					Core Size:	Started: , year		
Depth	**Dip**	**Azmth**	**Other tests**	**Northing (NAD 83):**					**Hole Azimuth: °**	**Finished: , year**		
				Grid Location:					**Hole Angle: °**	**Logged by:**		
				Elevation: m					**Total Depth: m**	**Analysis by:**		
										Drilling by:		

Note: Azmths above are
Tests done using Reflex EZ-Shot.

Alteration Scale: 1 - 5
v. weak/weak/moderate/strong/v.strong

Depth (m) From	To		Description	% Py	% Cpy	% Sph	% Gal	% Mo	Cr Mica	Seri-cite	2nd Carb	2nd Sil	2nd Chl		Reactions to Magnet and Acid.
			Purpose of hole is to examine rock types and become familiar w/ area and alteration												
0.00	2.13		Overburden												
2.13	13.20		Argillite/Mudstone. Med to dk grey, minor Qtz veins @~3, 5.50, 13.00. Very poor recovery and broken, unable to see structure.	tr											Non magneti c, no fizzing
13.20	24.25		Argillite/Mudstone. Dk grey laminated with crenulations, graphitic on fracs, Py diss+in veinlets.	4											Non magneti c, no fizzing
			`@17.37 (30cm) Qtz vein, Py blebs, tr Cr mica, Gal stringer near edge, oxidized.	5			0.5		1			4			
			`@20.33 (6cm) microfolds w/ Py following fold	1											
24.25	29.00		Argillite/Mudstone. Lighter grey w/ some minor dk grey sections. 25.52 (30cm), 27.80 (35cm) diss Py	3											Non magneti c, no fizzing
			`@25.10 (49cm) Qtz/Carb vein, Gal veinlets near start of vein, massive Py, Tr Mo	15			0.5	tr							Fizzes
			`@28.25 (5cm) Qtz vein, clay alt on edges, left side slightly brecciated w/ Py stringers	0.5											Non magneti c, no fizzing

29.00	30.20		Felsic Rock. White/lt brown to grey, banding. Py follows fabric, minor Qtz veins, minor Gal, 2cm Cr mica stringer @29.37.				tr		1										
30.20	31.80		Argillite/Mudstone. Med to dk grey, laminated, Py blebs+veinlets	1															
31.80	38.76		Felsic Rock. Banded, silicified, intense alt, Py abdt in heavily alt zones.	6												Minor fizzing in a few areas, Non magneti c			
			`@34.90 (40cm) Qtz vein brecciated at edges w/ Py + tr Gal, at right edge Cr mica bleb	0.5					1			5							
			`@37.52 Qtz vein, minor Gal, otherwise appears barren									5							
			`@38.40 (24cm) Qtz vein Py + Gal on edges, Cr mica on right frac surface, otherwise barren	1			1		1			5				Non magneti c, no fizzing			
38.76	43.15		Argillite/Mudstone. Med to dk grey, laminated, minor Qtz veining, tr Gal + Cr mica on fracs, diss Py	1			tr		1			2							
43.15	55.47		Felsic Rock. Lt grey, diss Py following fabric, dk grey section @44.45 (70cm)									3				Non magneti c, no fizzing			
			`@43.15 (7cm) Qtz vein w/ Gal + Py	0.3			0.2					5							
			`@43.28 (16cm) Qtz vein, large Py blebs + Gal stringers	1			0.5					5							
			`@47.45 (9cm) Qtz vein Py on edges + a few stringers a few small vugs.	1			tr					5							
			`@49.50 (13cm) Qtz vein, Py blebs, Gal stringers, Cr mica on fracs	0.5			0.2		1			5							
			`@49.85 (18cm) heavily silicified, 3cm Py bleb, Py on fracs	1			tr					5							
			`@50.39 (7cm) Py + Gal on edges	0.3			tr					5							
			`@52.43 (15cm) darker grey, intense alt																
			`@53.15 (39cm) Zone of high silicification, Py blebs and abdt mica									4							
			`@55.09 (3cm) Qtz vein, minor Py, Gal stringer in centre	0.2			0.3					5							

55.47	56.78		Fault Gouge. Dk grey clay, graphitic													Non magneti c, minor fizzing
56.78	63.09		Felsic Rock. Lt to med grey, silicified, altered, minor Qtz veins throughout, diss Py.	3					1			4				Non magneti c, no fizzing
			`@59.18 (6cm) highly silicified Py blebs and Cr mica stringers									5				
			`@61.57 (45cm) highly silicifed, abdt Py, minor Gal vnlts, Cr mica vnlts + on fracs	3												
			`@62.70 stringer of Gal + Py around core in Qtz/Carb													
63.09	63.17		Fault Gouge. Silty clay w/ mica													Non magneti c, no fizzing
63.17	86.14		Argillite/Mudstone. Dk grey w/ minor Qtz veining throughout, graphitic on fracs, diss Py some loosely following fabric, altered, highly fractured	2								2				Non magneti c, no fizzing
			`@67.17 (5cm), 67.78 (4cm), 69.94 (6cm), 69.80 (13cm) Qtz stockwork, looks barren.													
			`@75.00 (6cm) Qtz vein looks barren													
			`@79.13 (26cm) Qtz vein + vnlts, more Py	1								3				
			larger Py blebs @82.48 (30cm), more intense alt + 1.5cm Qtz vein, 84.17 (30cm), 85.29 (23cm) 2 Qtz veins ~1.5cm each.	2								2				
86.14	87.65		Felsic Rock.													
			Ser alt start, end and btwn 3 veins @86.14 (6cm) Qtz vein w/ vugs up to 9mm							3		5				Non magneti c, no fizzing
			`@86.30 (30cm) Qtz vein, minor Py blebs on fracs, tr Cr mica, @86.74 (5cm) Qtz vein, barren	0.3					1			5				

			`@86.90 (60cm) intensely alt, intermixed w/ dk grey, ends w/ 2.5 cm Qtz vein w/ Ser alt. Vugs up to 5mm, Py stringers on fracs												
87.65	90.00		Argillite/Mudstone. Dk grey w/ lt grey banding, diss Py, minor Qtz veins, Py more abdt near veins.	0.3								2			Non magneti c, no fizzing
90.00	90.53		Felsic Rock. Med to lt grey, diss Py following fabric, Ser alt in lt grey.	1			0.2			3		3			Non magneti c, minor fizz
			`@90.00 (6cm) qtz vein, minor Pyy +Gal stringers												

Lithology: DDH - XX

Depth (metres)			Summary Description	%	%	%	%	%	Alteration Scale: 1 - 5					
From	To	M		Py	Cpy	Sph	Gal	Mo	Cr Mica	Seri-cite	2nd Carb	2nd Sil	2nd Chl	Ep
0.00	2.13	2.13	**Overburden**											
2.13	29.00	26.87	**Argillite/Mudstone**	tr			tr	tr	1			1		
29.00	30.20	1.20	**Felsic Rock**				tr		1					
30.20	31.80	1.60	**Argillite/Mudstone**	1										
31.80	38.76	6.96	**Felsic Rock**	6			1					5		
38.76	43.15	4.39	**Argillite/Mudstone**	1			tr		1			2		
43.15	55.47	12.32	**Felsic Rock**	1			tr		1			3		
55.47	56.78	1.31	**Fault Gouge**											
56.78	63.09	6.31	**Felsic Rock**	3					1			4		
63.09	63.17	0.08	**Fault Gouge**											
63.17	86.14	22.97	**Argillite/Mudstone**	2								2		
86.14	87.65	1.51	**Felsic Rock**	0.3					1	3		5		
87.65	90.00	2.35	**Argillite/Mudstone**	0.3								2		
90.00	90.53	0.53	**Felsic Rock**	1			0.2			3		3		
			Non magnetic, and only minor fizzing on Qtz/Carb veins.											

DRILL HOLE No. FC08-XX

Sample Intervals: DDH - XX				
Certificate Number	**Sample Number**	**From (metres)**	**To (metres)**	**Sample Width (m)**
	10051	1.74	3.56	1.82
	10052	3.56	6.71	3.15
	10053	6.71	11.28	4.57
	10054	11.28	14.05	2.77
	10055	14.05	17.74	3.69
	10056	17.74	20.00	2.26
	10057	20.00	21.00	1.00
	10058	21.00	22.00	1.00
	10059	22.00	23.00	1.00
	10060	23.00	24.00	1.00
	10061	24.00	25.16	1.16
	10062	25.16	25.62	0.46
	10063	25.62	26.00	0.38
	10064	26.00	27.00	1.00
	10065	27.00	28.00	1.00
	10066	28.00	29.00	1.00
	10067	29.00	30.00	1.00
	10068	30.00	31.00	1.00
	10069	31.00	32.00	1.00
	10070	32.00	33.00	1.00
	10071	33.00	34.00	1.00
	10072	34.00	35.00	1.00
	10073	35.00	36.00	1.00
	10074	36.00	36.60	0.60
	10075	36.60	38.00	1.40
	10076	38.00	38.88	0.88
	10077	38.88	39.00	0.12
	10078	39.00	40.00	1.00
	10079	40.00	41.00	1.00
	10080	41.00	42.00	1.00
	10081	42.00	43.18	1.18
	10082	43.18	43.47	0.29
	10083	43.47	45.67	2.20
Sample Intervals: DDH - XX				
Certificate Number	**Sample Number**	**From (metres)**	**To (metres)**	**Sample Width (m)**
	10084	45.67	47.00	1.33
	10085	47.00	48.00	1.00
	10086	48.00	49.00	1.00
	10087	49.00	49.85	0.85
	10088	49.85	50.04	0.19
	10089	50.04	51.00	0.96
	10090	51.00	52.00	1.00
	10091	52.00	53.00	1.00
	10092	53.00	53.95	0.95
	10093	53.95	55.00	1.05
	10094	55.00	55.47	0.47
	10095	55.47	56.79	1.32
	10096	56.79	58.00	1.21

	10097	58.00	59.00	1.00
	10098	59.00	60.00	1.00
	10099	60.00	61.00	1.00
	10100	61.00	61.60	0.60
	10101	61.60	62.05	0.45
	10102	62.05	62.77	0.72
	10103	62.77	63.09	0.32
	10104	63.09	63.44	0.35
	10105	63.44	65.00	1.56
	10106	65.00	66.00	1.00
	10107	66.00	67.00	1.00
	10108	67.00	68.00	1.00
	10109	68.00	69.00	1.00
	10110	69.00	70.00	1.00
	10111	70.00	71.00	1.00
	10112	71.00	73.00	2.00
	10113	73.00	75.00	2.00
	10114	75.00	76.00	1.00
	10115	76.00	77.00	1.00
	10116	77.00	79.00	2.00
Sample Intervals: DDH - XX				
Certificate Number	**Sample Number**	**From (metres)**	**To (metres)**	**Sample Width (m)**
	10117	79.00	80.00	1.00
	10118	80.00	81.00	1.00
	10119	81.00	82.00	1.00
	10120	82.00	83.00	1.00
	10121	83.00	84.00	1.00
	10122	84.00	85.00	1.00
	10123	85.00	86.13	1.13
	10124	86.13	86.67	0.54
	10125	86.67	87.13	0.46
	10126	87.13	87.65	0.52
	10127	87.65	89.00	1.35
	10128	89.00	90.00	1.00
	10129	90.00	90.53	0.53
		Note:		

PROPERTY: BLACK BEAR

BARKER MINERALS LTD.

DRILL HOLE NO. BB12 - XX

Dip & Azimuth Tests			BB-2012-07	Easting (NAD 83):					Core Size:	Started: 2012		
Depth	**Dip**	**Azmth**	**Other tests**	**Northing (NAD 83):**					**Hole Azimuth: °**	**Finished: 2012**		
				Grid Location:					**Hole Angle: °**	**Logged by: B. Jacobson**		
				Elevation: m					**Total Depth: m**	**Analysis by:**		
										Drilling by:		

Note: Azmths above are
Tests done using Reflex EZ-Shot.

Alteration Scale: 1 - 5
v. weak/weak/moderate/strong/v.strong

Depth (m) From	Depth (m) To		Description	% Py	% Cpy	% Sph	% Gal	% Mo	Cr Mica	Seri-cite	2nd Carb	2nd Sil	2nd Chl	Ep	Reactions to Magnet and Acid.
			Purpose of hole is to better understand the model, the deeper hole wil provide more information.												
3.65	5.00		Overburden												
5.00	18.90		Argillite/Mudstone. Dk grey, graphitic on fracs @12 (30cm) lt grey oxidized rock. Very few veins, Qtz/Carb veins @14.89 (2cm), 15.58 (2cm), 16.30 (15cm, 4 veins), 17,.20 (1cm)	0.5											Fizz on veins, non magneti c
18.90	28.94		Felsic Rock. Med to lt grey/brown oxidized. Minor diss Py, Py more abdt near veins.	1			0.4				1	2			Strong fizz on alt and veins, non magneti c
			`@20.42 (23cm) rubbly Qtz vein, oxidized												
			`@22 (12cm) Qtz vein Py and Gal around edges												
			`@23..31 (29cm) thick Qtz vein, right edge oxidized, vuggy, massive Gal, at left edge a few Gal stringers. Mn staining on heavily oxidized sections.				4					5			
			`@24.75 (45cm) Qtz/Carb vein, Gal stringers, Py blebs, tr Chl	1			0.5				3	5	tr		Strong fizz, non magneti c
			`@26.02 (55cm) silicified section, minor Py and Gal												

			26.52 to 28.94 rubbly													
28.94	37.18		Argillite/Mudstone. Dk grey w/ med grey banding, diss Py	0.5												no fizz, non magneti c
			`@34.80 (37cm) lt grey rubble, lots of mica, soapy feel													
37.18	39.32		Felsic Rock. Lt grey to brown, silicified, diss Py													non magneti c, some fizz
			`@38.50 large Py blebs and Gal stringers													lots of fizz
			`@39 (7cm) Qtz vein tr Py otherwise barren													
39.32	39.74		**Fault Gouge**													
39.74	42.27		Argillite/Mudstone. Dk to med grey, diss Py, minerals leached out (Py replaced by clay alt).	1												
			`@40.87 (20cm) more intense alt, Py stringers													
			`@41.28 (17cm) brecciated Qtz vein vein w/ minor Py and Gal													
42.27	46.56		Felsic Rock. Lt grey to white, highly silicified, intense alt, diss Py	4								4				
			`@42.64 (30cm) more mineralized, Py blebs, Gal stringers, poss tr Mo, Sph bleb w/ Gal, small vugs in Qtz, Bedding tilted; Fault?	0.4		0.3		tr								
			`@41.21 (16cm) intense alt, larger Py blebs													
			`@43.43 (10cm) Py and Sph stringers	3		1										
			`@43.58 (14cm) Massive Py	10												
			`@44.88 stringer of Cr mica						2							

46.56	52.30		Argillite/Mudstone. Gradational change from felsic to dk grey. Dk grey w/ carb veins, intense fizzing; Argilliceous limestone? Bedding tilted up to 47.85, Fault?	0.1							4				Intense fizzing in dk grey carb banded rock, non magneti c
			`@47.80 (7cm) barren Qtz vein												
			diss Py in non carbonate rock, oxidized, Py replaced by clay alt												
52.30	55.61		Felsic Rock. Gradational change into lt grey silicified rock. Diss Py, more abdt w/ alt	2								4			no fizz, non magneti c
			`@54.80 Py stringers w/ tr Gal												
			`@55 Py on fracs, tr Gal, @55.20 (6cm) barren looking Qtz vein w/ tr Cr mica						tr						
55.61	65.90		Argillite/Mudstone. Dk grey w/ minor Qtz veins, Diss Py, slatey cleavage	0.5								2			No fizz, non magneti c
			`@65 (16cm) Gouge, silty.												
65.90	85.76		Argillite/Phyllite. Dk grey Qtz/Carb banded, slatey cleavage, appearance of more Musc. Qtz has small vugs.	1							3	2			Fizzing on Qtz/Car b banding, Non magneti c
			`@68.70 to 69.90 lighter grey/more alt, diss Py in highly alt zones.												
			70.71 to 73.76, wash out												

			`@80.76 (57cm) and 84.09 to 85.20 intensely alt, larger Py blebs and stringers	2												
85.76	86.26		Argillite/Phyllite. Rubble, graphitic													
86.26	90.90		Felsic Rock. Lt grey/brown, silicified, some distince veins other areas of high Qtz alt. Diss Py more in silicified zones.	1												
			`@86.54 (20cm) Qtz vein, tr Py, lots of mica of fracs, Musc w/ tr Cr mica, vuggy Qtz						tr							
			`@88.06 to 89.28 highly silicified alt, larger Py blebs and stringers, tr Gal, tr Chl, slightly brecciated	2												
			`@89.50 (5cm) slightly brecciated Qtz vein, Py stringers													
			Starts to grade into dk grey near end of section													
90.90	103.81		Argillite/Mudstone. Dk grey, alt Qtz/Carb banding, Py blebs and stringers, graphitic on fracs	2							3	2			Moderat e fizz, non magneti c	
			`@95.18 (2.5 cm) barren Qtz vein													
			`@103.68 (6cm) Qtz vein w/ Py stringers at edge								4	3				
103.81	122.50		Dk grey, Qtz/Carb banding, diss Py	3											Strong fizzing	
			`@118.31 (8cm) barren Qtz/Carb vein													
			`@120 to end of section, high silicified, high alt zone. Larger Py blebs @ 122.05 (11cm) Qtz vein.													
122.50	129.00		Felsic Rock. Grey w/ silicified zones, alternates a bit w/ dk grey argillite @124.97 (65cm), 126.35 (6cm), 126.60 (60cm) gradational change between 2 rock types. Diss Py mostly in dk grey	0.3							2	3			weak fizz, non magneti c	
			`@122.73 (20cm) Cr mica alt as banding, flecks of Musc visible, and poss some Chl							3						
			`@123.23 (7cm) some Cr mica alt as well as on fracs													
			`@128.8 (15cm) brecciated Qtz vein w/ Cr Mica stringers and on fracs, bleb of Sph	0.5		tr			3							

129.00	137.58		Felsic Rock. Grey, laminated, not as alt, diss Cr mica and Musc	tr					2		3	2			Moderate fizz, non magnetic
			`@129.90 (25cm) Py stringers w/ Cr mica												
137.58	139.15		Felsic Rock. Lt Grey, laminated, diss Cr mica and on fracs						2						fizz in only a few small Carb veins. Non magnetic
139.15	139.55		Argillite/Mudstone. Weak Chl, Musc on fracs, diss Py	1									1		
139.55	140.82		Felsic Rock. Lt grey, diss Py following fabric.	3								1			no fizz, non magnetic
			`@139.55 (6cm) Qtz/Carb vein w/ massive Py												
			`@140.35 soft grey mineral w/ grey streak?												
140.82	145.76		Argillite/Mudstone. Dk grey, laminated, diss Py, minor Qtz veins												
			`@145.08 (11cm) Felsic rock w/ Qtz veining												
145.76	158.51		Felsic Rock. Lt grey/green, laminated, porphyritic (Plag phenos), Chl alt, finely diss Py, minor Qtz veins and infill, diss Musc	0.5								2	4		Non magnetic, fizzes on a few Carb veins
			`@147.11 (4cm) Qtz vein w/ Chl and Musc/Plag phenos on either side												
			`@148.37 to 148.78 Chl alt Qtz vein, Py blebs	1											

			`@150.26 loses some of the porphyritic texture, Chl alt and brown clay alt Ser?							2			3		
			`@151.07 (5cm) Qtz/Carb vein barren w/ tr Py	tr											
			`@152.85 (15cm) Qtz vein w/ Clay alt, Py blebs, Chl alt, tr Cr Mica						1	3			2		
			`@153.20 (20cm) silicified zone, diss Py, clay (Ser?) alt, minor Chl w/ Musc												
158.51	163.68		Felsic Rock. Med grey, porhpyritic texture, magnetic, Chl alt.												
			`@159.52 marked magnetic on fracs, other areas also magnetic on fracs and rockmass, Magnetite.	tr							2		2		Minor fizz on carb
			`@162 (44cm) intense Carb and Chl alt, loses magnetism												
163.68	172.52		Grey/ Green Volcanic. Porhpyritic, dk grey, Chl alt volcanic.	1									2		Non magneti c
			`@164.83 (3cm) vuggy Qtz vein w/ soft grey/blk mineral w/ grey streak												
			`@166.32 (10cm) Qtz/Carb vein looks barren, tr Chl, slight rosey colour to Qtz												
			`@166.60 Plag phenos become abdt again												
			`@168.75 to 169.90 pyritic zone	5											
			`@171.18 biotite w/ Chl, micaceous on fracs												
			`@172.25 Ep alt											1	
172.52	193.83		Grey/Green Volcanic. Chl alt, a few silicified zones, Ep al appears more freq, magnetic, phenos are Ep altered	tr						1	3		3	1	Magneti c in less alt
			`@173.67 (30cm) more intense Ep alt, silicified w/ some Carb, Hem rim around a Carb vein											1	
			`@174.77 (40cm) silicified Chl alt zone, tr Py, slight pinkish colour to Qtz @175												
			`@178.69 (20cm) intense alt, Chl and Clay, tr Py												
			`@187.87 intense Ep alt w/ Carb and Hem staining in rockmass and on fracs											3	
			`@188.75 (23cm) silicified zone w/ Mag												
			`@189.40 (1cm) clay alt edged Qtz vein w/ Hem alt												
			`@190.20 (35cm) clay alt zone							3					

			`@190.70 to 191.87 Hem alt in bands and around Carb veins													
			`@193.03 (62cm) partially silicified/partially Chl alt, massive Ep alt, minor Hem alt on fracs													
193.83	197.67		Grey/Green Volcanic. Very little alt, not porphyritc.											3		Weakly magneti
			`@195.39 (25cm) Carb stringers red w/ Hem alt													
			`@196.50 (27cm) more grey colour, Carb alt, magnetic													
			`@197.14 (0.5) concentrated diss Mag													
197.67	206.35		Grey/Green Volcanic. Carb alt, diss Mag, Chl alt	tr							2			3		very slight fizz, magneti c
			`@204.70 reappearance of plag phenos													
			`@204.32 to 206.35 more altered qtz & clay banding. No longer magnetic, does not fizz.													not magneti c, no fizz
206.35	216.12		Felsic Rock. Light to medium greay. Silicified and clay altered sections, some diss Mag, and micaceous on fracs	tr	tr					3		2				weakly magneti c, no fizz
			`@207 (42cm) silicified zone tr Py and poss tr Cpy, diss Mag, vuggy Qtz													
			`@207.87 (93cm), silicified w/ chl & clay alt, tr diss Py, diss Mag, micaceous on fracs													
			`@209.30 and 211.40 clay altered areas w/ more Py													

Lithology: DDH - XX

							Alteration Scale: 1 - 5								
Depth (metres)			Summary Description	%	%	%	%	%	Cr	Seri-	2nd	2nd	2nd	
From	To	M		Py	Cpy	Sph	Gal	Mo	Mica	cite	Carb	Sil	Chl	Ep
3.65	5.00	1.35	Overburden											
5.00	18.90	13.90	Argillite/Mudstone	0.5										
18.90	28.94	10.04	Felsic Rock	1			0.4				1	2	tr	
28.94	37.18	8.24	Argillite/Mudstone	0.5										
37.18	39.32	2.14	Felsic Rock											
39.32	39.74	0.42	Fault Gouge											
39.74	42.27	2.53	Argillite/Mudstone	1										
42.27	46.56	4.29	Felsic Rock	4		tr		tr				4		
46.56	52.30	5.74	Argillite/Mudstone	0.1							4			
52.30	55.61	3.31	Felsic Rock	2					1			4		
55.61	65.90	10.29	Argillite/Mudstone	0.5								2		
65.90	86.26	20.36	Argillite/Phyllite	1							3	2		
86.26	90.90	4.64	Felsic Rock	1					1					
90.90	122.50	31.60	Argillite/Mudstone	2							3	2		
122.50	139.15	16.65	Felsic Rock	0.3		tr			3	3	2	3		
139.15	139.55	0.40	Argillite/Mudstone	1									1	
139.55	140.82	1.27	Felsic Rock	3								1		
140.82	145.76	4.94	Argillite/Mudstone											
145.76	163.68	17.92	Felsic Rock	0.5								2	4	
163.68	206.35	42.67	Grey/Green Volcanic	1							2		2	2
206.35	216.12	9.77	Felsic Rock	tr	tr					3		2		
216.12	219.00	2.88	Dark Grey/Blk Rock	0.2						2		2	2	
219.00	228.13	9.13	Felsic Rock	0.2								4	2	
228.13	232.48	4.35	Dark Grey/Blk Rock	0.5								2	3	
232.48	235.30	2.82	Grey/Green Volcanic											
235.30	249.74	14.44	Felsic Rock	0.3						1		2	1	
249.74	256.45	6.71	Dark Grey/Blk Rock											
256.45	263.94	7.49	Grey/Green Volcanic	tr									2	
263.94	269.93	5.99	Felsic Rock						1			2	2	
269.93	282.72	12.79	Grey/Green Volcanic	0.3						3	2	3	2	2
282.72	283.05	0.33	Felsic Silty Sandstone	0.3								3		
283.05	288.07	5.02	Grey/Green Volcanic	0.3						2	2	1	3	2
288.07	308.40	20.33	Quartzite	0.3			tr	tr	1	1		4	3	
308.40	309.14	0.74	Quartz Vein			0.2			1			5		
			Fizzes in Carbonate Veins, and one area of Mudstone/Limestone											
			Magnetic areas mostly in Volcanic, diss Magnetite or Pyrrotite											

DRILL HOLE No. FC08-XX

Sample Intervals: BB-2012-07				
Certificate Number	**Sample Number**	**From (metres)**	**To (metres)**	**Sample Width (m)**
	10155	5.00	8.00	3.00
	10156	8.00	9.00	1.00
	10157	9.00	10.00	1.00
	10158	10.00	11.00	1.00
	10159	11.00	12.00	1.00
	10160	12.00	12.30	0.30
	10161	12.30	14.00	1.70
	10162	14.00	15.00	1.00
	10163	15.00	16.00	1.00
	10164	16.00	17.00	1.00
	10165	17.00	18.90	1.90
	10166	18.90	20.75	1.85
	10167	20.75	21.58	0.83
	10168	21.58	22.00	0.42
	10169	22.00	23.00	1.00
	10170	23.00	23.70	0.70
	10171	23.70	24.75	1.05
	10172	24.75	25.40	0.65
	10173	25.40	26.00	0.60
	10174	26.00	27.00	1.00
	10175	27.00	28.00	1.00
	07001	28.00	29.00	1.00
	07002	29.00	30.00	1.00
	07003	30.00	32.00	2.00
	07004	32.00	33.00	1.00
	07005	33.00	34.00	1.00
	07006	34.00	35.00	1.00
	07007	35.00	36.00	1.00
	07008	36.00	37.18	1.18
	07009	37.18	38.00	0.82
	07010	38.00	39.32	1.32
	07011	39.32	39.74	0.42
	07012	39.74	41.00	1.26
	07013	41.00	42.27	1.27
	07014	42.27	42.80	0.53
	07015	42.80	43.14	0.34
	07016	43.14	44.04	0.90
	07017	44.04	44.32	0.28
	07018	44.32	44.58	0.26
	07019	44.58	44.81	0.23
	07020	44.81	46.00	1.19
	07021	46.00	46.56	0.56
	07022	46.56	47.50	0.94
	07023	47.50	49.00	1.50
	07024	49.00	50.00	1.00
	07025	50.00	51.00	1.00
	07026	51.00	52.30	1.30
	07027	52.30	53.00	0.70

	07028	53.00	54.00	1.00
	07029	54.00	54.60	0.60
	07030	54.60	55.00	0.40
	07031	55.00	55.61	0.61
	07032	55.61	57.00	1.39
	07033	57.00	58.00	1.00
	07034	58.00	59.00	1.00
	07035	59.00	60.00	1.00
	07036	60.00	61.00	1.00
	07037	61.00	62.00	1.00
	07038	62.00	63.00	1.00
	07039	63.00	64.00	1.00
	07040	64.00	65.00	1.00
	07041	65.00	65.90	0.90
	07042	65.90	67.00	1.10
	07043	67.00	68.00	1.00
	07044	68.00	69.00	1.00
	07045	69.00	70.00	1.00
	07046	70.00	70.71	0.71
	07047	70.71	76.00	5.29
	07048	76.00	77.00	1.00
	07049	77.00	78.00	1.00
	07050	78.00	79.00	1.00
	07051	79.00	80.00	1.00
	07052	80.00	81.00	1.00
	07053	81.00	82.04	1.04
	07054	82.04	84.43	2.39
	07055	84.43	85.39	0.96
	07056	85.39	86.26	0.87
	07057	86.26	87.00	0.74
	07058	87.00	88.00	1.00
	07059	88.00	89.00	1.00
	07060	89.00	90.00	1.00
	07061	90.00	90.90	0.90
	07062	90.90	92.00	1.10
	07063	92.00	93.00	1.00
	07064	93.00	94.00	1.00
	07065	94.00	95.00	1.00
	07066	95.00	96.00	1.00
	07067	96.00	97.00	1.00
	07068	97.00	98.00	1.00
	07069	98.00	99.00	1.00
	07070	99.00	100.00	1.00
	07071	100.00	101.00	1.00
	07072	101.00	102.00	1.00
	07073	102.00	103.00	1.00
	07074	103.00	104.00	1.00
	07075	104.00	105.00	1.00
	07076	105.00	106.00	1.00
	07077	106.00	107.00	1.00
	07078	107.00	108.00	1.00
	07079	108.00	109.00	1.00

	07080	109.00	110.00	1.00
	07081	110.00	111.00	1.00
	07082	111.00	112.00	1.00
	07083	112.00	113.00	1.00
	07084	113.00	114.00	1.00
	07085	114.00	115.00	1.00
	07086	115.00	116.00	1.00
	07087	116.00	117.00	1.00
	07088	117.00	118.00	1.00
	07089	118.00	119.00	1.00
	07090	119.00	120.00	1.00
	07091	120.00	121.00	1.00
	07092	121.00	122.00	1.00
	07093	122.00	122.50	0.50
	07094	122.50	123.35	0.85
	07095	123.35	124.00	0.65
	07096	124.00	124.97	0.97
	07097	124.97	125.58	0.61
	07098	125.58	126.68	1.10
	07099	126.68	127.23	0.55
	07100	127.23	128.00	0.77
	07101	128.00	128.63	0.63
	07102	128.63	129.28	0.65
	07103	129.28	129.88	0.60
	07104	129.88	130.64	0.76
	07105	130.64	131.00	0.36
	07106	131.00	132.00	1.00
	07107	132.00	133.00	1.00
	07108	133.00	134.00	1.00
	07109	134.00	135.00	1.00
	07110	135.00	136.00	1.00
	07111	136.00	137.00	1.00
	07112	137.00	137.58	0.58
	07113	137.58	138.00	0.42
	07114	138.00	139.15	1.15
	07115	139.15	139.55	0.40
	07116	139.55	139.76	0.21
	07117	139.76	140.82	1.06
	07118	140.82	142.00	1.18
	07119	142.00	143.00	1.00
	07120	143.00	144.00	1.00
	07121	144.00	145.00	1.00
	07122	145.00	145.76	0.76
	07123	145.76	146.91	1.15
	07124	146.91	147.15	0.24
	07125	147.15	148.00	0.85
	07126	148.00	148.36	0.36
	07127	148.36	148.89	0.53
	07128	148.89	150.00	1.11
	07129	150.00	151.13	1.13
	07130	151.13	152.00	0.87
	07131	152.00	152.77	0.77

	07132	152.77	153.01	0.24
	07133	153.01	153.50	0.49
	07134	153.50	154.53	1.03
	07135	154.53	155.50	0.97
	07136	155.50	156.50	1.00
	07137	156.50	157.50	1.00
	07138	157.50	158.50	1.00
	07139	158.50	159.50	1.00
	07140	159.50	159.70	0.20
	07141	159.70	160.50	0.80
	07142	160.50	161.50	1.00
	07143	161.50	162.50	1.00
	07144	162.50	163.68	1.18
	07145	163.68	164.69	1.01
	07146	164.69	165.60	0.91
	07147	165.60	166.73	1.13
	07148	166.73	167.41	0.68
	07149	167.41	168.00	0.59
	07150	168.00	169.00	1.00
	07151	169.00	169.81	0.81
	07152	169.81	170.85	1.04
	07153	170.85	172.00	1.15
	07154	172.00	173.51	1.51
	07155	173.51	174.00	0.49
	07156	174.00	174.75	0.75
	07157	174.75	175.19	0.44
	07158	175.19	176.00	0.81
	07159	176.00	177.00	1.00
	07160	177.00	178.00	1.00
	07161	178.00	179.00	1.00
	07162	179.00	180.00	1.00
	07163	180.00	181.00	1.00
	07164	181.00	182.00	1.00
	07165	182.00	183.00	1.00
	07166	183.00	184.00	1.00
	07167	184.00	185.00	1.00
	07168	185.00	186.00	1.00
	07169	186.00	187.00	1.00
	07170	187.00	187.86	0.86
	07171	187.86	188.06	0.20
	07172	188.06	188.45	0.39
	07173	188.45	189.00	0.55
	07174	189.00	190.20	1.20
	07175	190.20	190.58	0.38
	07176	190.58	191.18	0.60
	07177	191.18	192.00	0.82
	07178	192.00	193.00	1.00
	07179	193.00	193.66	0.66
	07180	193.66	195.00	1.34
	07181	195.00	196.00	1.00
	07182	196.00	197.00	1.00
	07183	197.00	197.67	0.67

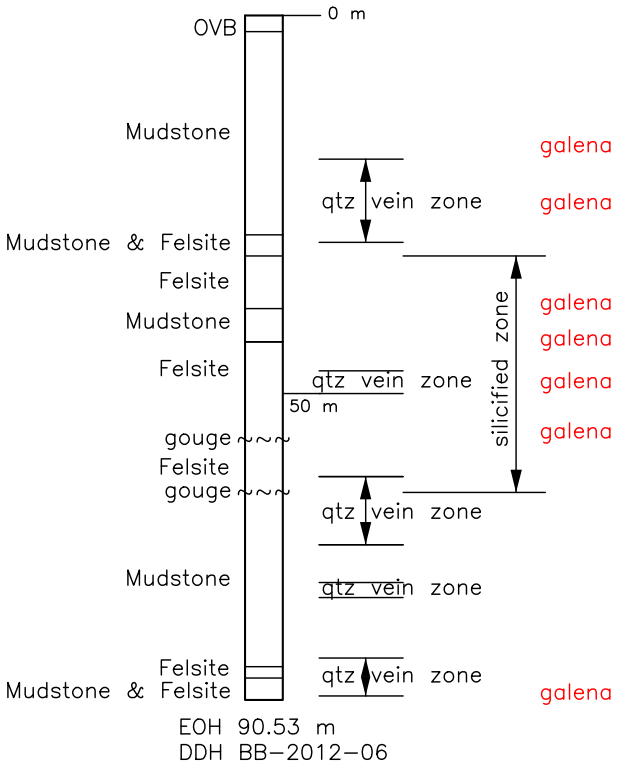
	07184	197.67	198.73	1.06
	07185	198.73	200.00	1.27
	07186	200.00	201.00	1.00
	07187	201.00	202.00	1.00
	07188	202.00	203.00	1.00
	07189	203.00	204.00	1.00
	07190	204.00	204.67	0.67
	07191	204.67	205.32	0.65
	07192	205.32	206.35	1.03
	07193	206.35	207.00	0.65
	07194	207.00	207.87	0.87
	07195	207.87	208.80	0.93
	07196	208.80	209.40	0.60
	07197	209.40	210.44	1.04
	07198	210.44	211.00	0.56
	07199	211.00	211.90	0.90
	07200	211.90	212.45	0.55
	07201	212.45	213.10	0.65
	07202	213.10	214.00	0.90
	07203	214.00	215.00	1.00
	07204	215.00	216.12	1.12
	07205	216.12	217.00	0.88
	07206	217.00	218.00	1.00
	07207	218.00	219.00	1.00
	07208	219.00	220.00	1.00
	07209	220.00	220.83	0.83
	07210	220.83	221.20	0.37
	07211	221.20	222.00	0.80
	07212	222.00	223.00	1.00
	07213	223.00	224.00	1.00
	07214	224.00	225.00	1.00
	07215	225.00	225.55	0.55
	07216	225.55	226.00	0.45
	07217	226.00	226.58	0.58
	07218	226.58	227.00	0.42
	07219	227.00	288.13	61.13
	07220	288.13	229.21	-58.92
	07221	229.21	230.00	0.79
	07222	230.00	231.00	1.00
	07223	231.00	231.83	0.83
	07224	231.83	232.48	0.65
	07225	232.48	233.00	0.52
	07226	233.00	234.00	1.00
	07227	234.00	235.00	1.00
	07228	235.00	236.00	1.00
	07229	236.00	236.52	0.52
	07230	236.52	237.00	0.48
	07231	237.00	238.00	1.00
	07232	238.00	239.00	1.00
	07233	239.00	239.66	0.66
	07234	239.66	240.80	1.14
	07235	240.80	242.00	1.20

	07236	242.00	243.00	1.00
	07237	243.00	243.94	0.94
	07238	243.94	245.00	1.06
	07239	245.00	246.00	1.00
	07240	246.00	247.00	1.00
	07241	247.00	248.00	1.00
	07242	248.00	249.00	1.00
	07243	249.00	249.74	0.74
	07244	249.74	250.87	1.13
	07245	250.87	251.36	0.49
	07246	251.36	252.18	0.82
	07247	252.18	253.17	0.99
	07248	253.17	253.64	0.47
	07249	253.64	254.61	0.97
	07250	254.61	255.50	0.89
	07251	255.50	256.45	0.95
	07252	256.45	257.40	0.95
	07253	257.40	258.75	1.35
	07254	258.75	259.62	0.87
	07255	259.62	260.32	0.70
	07256	260.32	261.00	0.68
	07257	261.00	262.00	1.00
	07258	262.00	263.00	1.00
	07259	263.00	263.94	0.94
	07260	263.94	264.89	0.95
	07261	264.89	265.79	0.90
	07262	265.79	267.00	1.21
	07263	267.00	268.00	1.00
	07264	268.00	269.00	1.00
	07265	269.00	269.93	0.93
	07266	269.93	271.00	1.07
	07267	271.00	272.00	1.00
	07268	272.00	273.00	1.00
	07269	273.00	274.00	1.00
	07270	274.00	275.00	1.00
	07271	275.00	276.00	1.00
	07272	276.00	276.76	0.76
	07273	276.76	277.02	0.26
	07274	277.02	278.00	0.98
	07275	278.00	279.00	1.00
	07276	279.00	280.00	1.00
	07277	280.00	281.00	1.00
	07278	281.00	282.00	1.00
	07279	282.00	282.72	0.72
	07280	282.72	283.05	0.33
	07281	283.05	284.07	1.02
	07282	284.07	284.37	0.30
	07283	284.37	285.44	1.07
	07284	285.44	286.00	0.56
	07285	286.00	287.00	1.00
	07286	287.00	288.07	1.07
	07287	288.07	288.31	0.24

	07288	288.31	289.46	1.15
	07289	289.46	289.70	0.24
	07290	289.70	291.00	1.30
	07291	291.00	292.00	1.00
	07292	292.00	292.45	0.45
	07293	292.45	292.59	0.14
	07294	292.59	293.22	0.63
	07295	293.22	294.00	0.78
	07296	294.00	295.00	1.00
	07297	295.00	296.00	1.00
	07298	296.00	296.50	0.50
	07299	296.50	297.00	0.50
	07300	297.00	298.00	1.00
	07301	298.00	298.90	0.90
	07302	298.90	299.90	1.00
	07303	299.90	300.20	0.30
	07304	300.20	300.47	0.27
	07305	300.47	301.04	0.57
	07306	301.04	302.00	0.96
	07307	302.00	302.80	0.80
	07308	302.80	303.12	0.32
	07309	303.12	303.27	0.15
	07310	303.27	303.56	0.29
	07311	303.56	304.38	0.82
	07312	304.38	305.20	0.82
	07313	305.20	306.00	0.80
	07314	306.00	307.00	1.00
	07315	307.00	308.00	1.00
	07316	308.00	308.35	0.35
	07317	308.35	308.95	0.60
	07318	308.95	309.14	0.19

APPENDIX 5

Providence Target - Black Bear 2011 - 2012
Drill Hole Sections

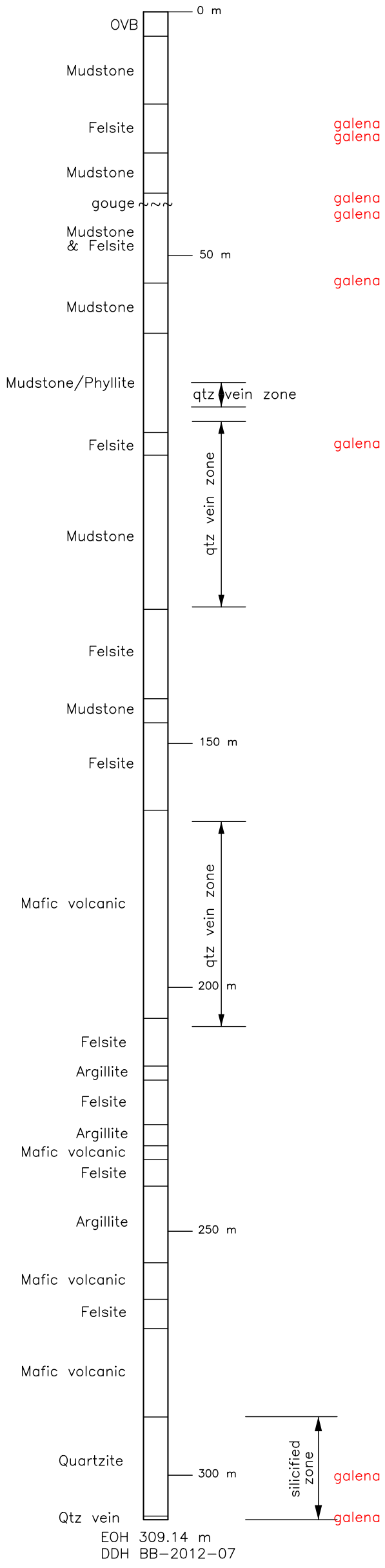


DDH BB-2012-06
Drill Section

Scale 1:1,000
metres

0 10 20 30 40 50

BARKER MINERALS LTD.	
BLACK BEAR PROPERTY DIAMOND DRILL HOLE PROFILE DDH BB-2012-06 . Cariboo Mining Division, B.C.	
	Date: Oct. 15, 2012
Drawn by: RT	Fig.No.



DDH BB-2012-07 Drill Section

Scale 1:1,000
metres

0 10 20 30 40 50

BARKER MINERALS LTD.	
BLACK BEAR PROPERTY DIAMOND DRILL HOLE PROFILE DDH BB-2012-07 . Cariboo Mining Division, B.C.	
	Date: Oct. 15, 2012
Drawn by: RT	Fig.No.

APPENDIX 6

Providence Target - Black Bear 2011 - 2012
BB12-07 XRF Study Results

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
12.7		17.47	14.28	0.00	0.00	0.00	-2.61	0.00	0.00	0.00	1.71	0.00	135.30	69.56	0.00	289	0	2585.83	74295.38
20.7		12.86	28.71	3.45	0.00	0.00	13.09	0.00	0.00	0.00	3.80	77.81	25.02	136.37	14.82	151.08	0	4188.23	65640.01
20.9		14.26	33.70	4.28	0.00	0.00	8.69	2.54	0.00	0.00	6.49	23.32	46.14	101.82	0.00	104.69	0	3626.98	61122.51
20.9		14.28	0.00	0.00	6.51	0.00	13.16	0.00	0.00	0.00	3.34	34.21	30.15	79.88	3.14	114.88	0	2734.75	47447.74
20.9		14.98	0.00	0.00	0.00	0.00	9.97	0.00	0.00	0.00	4.82	55.43	24.08	105.68	1.49	111.95	0	3145.46	53700.41
21.9		5.13	190.01	3.78	2.51	53.72	7.83	5.55	62.48	27.66	2.01	0.00	48.03	89.34	5.96	98.92	218.02	1794.46	97616.66
21.9		10.09	79.66	22.55	0.00	0.00	-3.54	0.00	0.00	2.32	6.75	84.72	20.66	127.86	0.00	3.88	603.61	835.60	86904.78
22.6		1.94	0.00	46.23	0.00	0.00	10.00	2.54	0.00	47.96	6.93	0.00	33.88	169.46	0.00	10.01	0	6290.91	52805.49
22.6		1.18	0.00	61.33	0.00	0.00	8.10	4.74	0.00	128.62	16.90	0.00	0.00	313.33	0.00	22.78	450.77	7938.36	79249.57
23.5		0.00	983.56	5947.27	1121.22	584.96	-29.08	182.96	956.04	1121.21	0.00	152719.27	10.83	7.17	251.82	34.2	0	1308.65	16688.63
24.7		11.71	23.86	16.12	0.00	0.00	12.56	0.00	0.00	0.00	6.93	49.07	29.26	52.24	0.00	0	0	845.55	25630.99
29.9		10.75	0.00	0.00	0.00	0.00	9.19	2.30	0.00	0.00	1.21	0.00	33.44	63.46	0.00	126.18	75.49	318.17	16541.70
32.9		10.70	0.00	0.00	0.00	0.00	4.68	1.61	0.00	0.00	0.00	0.00	41.11	229.11	0.00	140.63	0	429.78	52002.63
33.5		18.48	37.73	0.00	5.25	25.46	-1.57	0.00	47.18	0.00	0.00	0.00	0.00	288.04	26.67	143.74	56.72	466.07	100356.20
33.5		15.81	46.69	0.00	16.95	29.81	-2.74	0.00	44.91	0.00	0.00	0.00	33.67	280.29	31.72	151.19	138	492.85	116942.25
33.5		9.16	120.88	0.00	0.00	60.71	4.24	0.00	44.80	0.00	0.00	0.00	37.90	321.07	20.66	207.16	283.17	462.92	142459.98
34.6		9.61	0.00	0.00	0.00	0.00	-1.28	8.60	0.00	0.00	1.94	0.00	34.65	102.87	0.00	94.35	0	0.00	59723.88
35.5		16.40	0.00	3.69	0.00	0.00	11.82	4.06	0.00	0.00	0.00	0.00	18.29	74.84	0.00	131.8	131.31	330.78	26490.18
35.5		10.87	0.00	1.63	0.00	0.00	2.48	0.00	0.00	37.92	0.00	0.00	19.28	59.10	0.00	103.72	357.15	398.87	30346.50
35.5		10.47	0.00	2.59	0.00	0.00	9.73	4.64	0.00	0.00	0.00	0.00	21.91	70.03	0.00	101.34	0	686.77	32643.22
36.1		12.35	0.00	47.96	0.00	0.00	5.51	0.00	0.00	0.00	3.98	0.00	31.45	21.40	0.00	100.64	175.19	198.69	9862.02
36.3		13.83	0.00	0.00	0.00	0.00	1.39	0.00	0.00	26.90	3.06	0.00	0.00	17.39	0.00	0	13.36	141.99	3069.16
37.2		10.21	0.00	1.90	0.00	0.00	-0.14	0.00	0.00	0.00	2.75	0.00	17.67	35.78	0.00	0	91.97	305.10	5162.10
37.2		13.22	0.00	0.00	0.00	0.00	3.37	0.00	0.00	33.97	0.00	0.00	20.15	20.50	0.00	0	0	0.00	5470.54
37.6		14.82	14.77	12.23	0.00	0.00	10.21	0.00	0.00	66.44	2.52	0.00	35.01	311.87	0.00	205.12	194.15	846.75	37662.09
37.8		12.37	0.00	6.37	0.00	0.00	4.22	0.00	0.00	0.00	0.00	0.00	22.00	25.08	0.00	0	111.97	240.66	20491.60
38.5		15.51	0.00	2.40	14.90	0.00	5.92	0.00	0.00	0.00	0.00	0.00	16.47	35.48	0.00	0	247.17	280.19	19477.00
38.9		11.17	0.00	0.00	0.00	0.00	6.74	0.00	0.00	6.31	1.61	0.00	19.89	47.15	0.00	127.52	0	924.45	40244.94
38.9		11.55	69.73	0.00	0.00	0.00	6.19	0.00	0.00	0.00	0.00	0.00	23.47	93.34	0.00	167.72	0	3553.57	136387.58
38.3		10.60	14.09	0.00	0.00	0.00	4.45	4.44	0.00	0.00	1.45	0.00	95.10	67.47	0.00	157.95	0	359.42	81631.95
39.3		6.68	0.00	3.87	0.00	0.00	3.43	7.95	0.00	31.98	89.17	0.00	971.14	77.83	0.00	37.66	0	0.00	92224.97
39.3		11.60	0.00	0.00	8.45	0.00	10.36	3.86	0.00	0.00	6.08	0.00	63.00	39.85	0.00	110.94	0	353.25	51071.88
39.5		11.22	0.00	0.00	0.00	0.00	3.03	3.81	0.00	0.00	39.06	0.00	282.86	23.31	0.00	190.89	0	304.56	79574.63
40.2		9.88	26.82	2.61	0.00	0.00	8.37	4.84	0.00	52.39	1.22	0.00	102.14	77.91	0.00	109.02	46.21	346.24	54839.76
41.3		14.99	0.00	17.05	0.00	0.00	58.53	10.42	0.00	0.00	13.99	47.96	70.83	129339.21	499.82	0	0	1317.99	31735.03
41.3		56.60	183.30	32.47	0.00	16.92	638.13	16.58	0.00	0.00	91.21	318.12	143.02	166808.52	1203.21	11.55	27.17	2112.13	30768.76
41.4		29.68	44.60	43.01	0.00	0.00	550.24	11.06	0.00	0.00	33.18	117.60	95.48	167464.89	1415.14	0	83.38	1268.22	27108.79
42.1		32.00	0.00	13.73	0.00	0.00	133.75	11.71	0.00	0.00	22.88	591.16	47.12	107282.27	625.21	0	67.22	8.68	12103.35
42.1		16.70	0.00	23.62	4.24	0.00	170.00	0.00	0.00	0.00	21.47	232.01	48.68	167237.34	635.02	0	0	0.00	18422.22
42.1		41.53	324.58	215.43	0.00	0.00	1314.57	25.10	0.00	0.00	43.33	1724.04	1423.37	248638.06	2112.52	21.76	0	0.00	73022.29
42.1		40.57	301.96	288.43	31.17	0.00	245.52	41.02	4.51	0.00	15.19	2518.70	1044.80	118163.80	676.51	167.11	293.32	215.50	157414.52

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
42.6		8.96	0.00	0.00	0.00	0.00	5.40	0.00	0.00	37.42	0.00	17.07	0.00	85.98	0.00	0	0	1469.52	12373.29
42.6		5.48	154.64	260.39	0.00	0.00	9.62	12.31	0.00	149.28	4.99	55.17	237.55	42.40	0.00	261.33	0	187.15	176598.39
42.7		4.88	102.97	195.16	0.00	0.00	-3.42	15.32	0.00	51.43	4.93	1889.06	47.38	2.40	6.25	155.39	0	1002.03	147883.23
43.0		7.88	76.96	158.57	0.00	0.00	10.70	5.97	0.00	55.62	6.53	361.39	42.44	31.78	0.00	201.5	0	1641.55	155266.23
43.0		4.42	0.00	43.23	0.00	0.00	1.23	3.26	0.00	0.00	9.77	72.16	0.00	85.02	0.00	61.95	0	6984.92	76035.88
43.1		8.31	215.17	322.20	6.98	26.38	9.77	2.39	0.00	44.60	2.80	755.02	39.81	120.09	0.00	416.39	0	3836.55	205504.19
43.8		8.93	0.00	12.45	0.00	0.00	11.43	3.95	0.00	66.80	4.56	221.52	507.50	167.24	0.00	38.92	63.37	3799.30	62805.45
44.1		9.53	99.24	159.91	2.48	0.00	14.38	15.23	0.00	30.49	6.61	969.67	53.98	70.48	0.00	52.4	857.99	496.14	160937.69
44.2		3.80	101.21	276.83	0.00	0.00	3.53	15.52	0.00	60.61	1768.71	170.27	56.45	16.82	0.00	109.71	286.55	244.83	182185.95
46.3		6.01	29.12	0.00	0.00	0.00	6.67	3.48	0.00	0.00	0.00	13.45	41.53	29.89	0.00	37.43	0	0.00	8941.76
46.3		9.06	51.18	0.00	0.00	0.00	12.57	4.61	0.00	0.00	4.58	1.42	26.74	32.90	10.09	100	0	0.00	13880.26
46.3		8.78	0.00	0.00	0.00	0.00	8.22	0.00	0.00	0.00	3.49	38.60	34.17	53.53	0.00	0	0	592.29	10538.83
46.3		6.11	0.00	6.89	10.22	0.00	0.43	0.00	0.00	0.00	8.68	48.80	0.00	106.98	0.00	0	0	1069.35	18835.91
47.4		10.80	0.00	0.00	0.00	0.00	13.97	0.00	0.00	6.76	0.00	0.00	24.15	37.23	0.00	120.74	26.74	377.76	23124.77
47.5		9.80	0.00	0.00	0.00	0.00	6.48	0.00	0.00	0.00	0.00	0.00	0.00	54.37	0.00	0	194.87	0.00	12778.06
49.4		1.18	8.03	11.08	0.00	0.00	11.62	0.00	0.00	2.11	0.00	0.00	15.80	73.44	0.00	0	0	760.07	9888.53
49.4		2.82	0.00	0.00	0.00	0.00	-2.63	0.00	0.00	0.00	0.00	0.00	0.00	17.18	0.00	0	0	20.80	7912.83
49.8		19.00	364.81	108.89	0.00	0.00	36.47	31.09	17.61	49.35	8.82	656.72	77.99	34.10	0.00	199.03	0	669.77	267049.81
49.8		25.48	462.08	235.28	0.00	45.94	10.48	42.42	52.37	132.53	11.81	927.80	96.03	64.22	0.00	217.98	360.4	743.75	318348.84
52.7		10.01	232.55	14.55	0.00	0.00	12.83	7.13	0.00	40.70	2.14	4.94	24.99	434.83	0.00	253.55	141.09	1147.77	142595.22
53.0		11.30	0.00	0.00	0.00	0.00	0.67	1.77	0.00	0.00	0.00	0.00	18.85	109.96	0.00	0	153.71	419.07	32294.39
53.0		11.34	0.00	10.85	0.00	0.00	-2.47	0.00	0.00	0.00	0.00	0.00	29.76	127.94	0.00	0	0	401.17	45111.38
53.8		12.00	0.00	2.02	0.00	0.00	8.94	0.00	0.00	0.00	0.00	28.86	23.15	38.08	0.00	0	0	445.53	9302.16
54.3		11.60	159.48	0.00	0.00	29.24	20.55	6.25	26.75	79.39	2.63	4.29	66.56	51.23	7.44	25.32	638.8	972.10	86304.99
54.9		41.70	0.00	0.00	11.58	0.00	-4.85	1.90	0.00	0.00	0.00	0.00	14.81	36.78	0.00	0	0	536.05	45602.36
55.5		13.59	49.87	5.22	0.00	2.42	-6.10	2.67	0.00	0.00	0.00	0.00	33.93	257.94	0.00	101.1	309.71	638.31	67513.17
55.5		10.86	69.52	1.08	0.00	10.91	-3.49	1.97	35.04	0.00	0.00	0.00	35.15	346.55	9.18	39.68	547.12	1635.58	86258.05
56.0		11.37	2.42	0.00	0.00	0.00	-0.64	1.31	0.00	0.00	2.04	0.00	0.00	123.54	0.00	125.56	0	915.81	81948.31
56.2		4.62	95.98	0.00	0.00	0.00	2.13	14.76	0.00	46.41	3.58	0.00	14.77	58.38	0.00	86.91	6.32	1472.16	118027.68
56.4		12.21	39.63	0.00	0.00	0.00	9.32	3.22	3.80	51.70	3.38	0.00	50.96	100.50	0.00	130.92	333.67	409.77	39698.63
56.9		14.87	0.00	0.00	0.00	0.00	4.09	0.00	0.00	20.71	0.00	0.00	17.58	40.66	0.00	97.5	172.89	191.66	8720.89
58.2		15.53	112.21	0.00	27.78	41.19	2.16	43.51	39.15	56.85	0.00	0.00	58.10	39.62	29.98	121.97	1176.3	387.62	58641.83
58.2		10.56	0.00	1.99	0.00	0.00	4.24	3.93	0.00	0.00	0.00	0.00	16.94	19.62	0.00	0	47.04	89.72	5449.65
58.5		11.31	0.00	0.00	0.00	0.00	4.83	0.00	0.00	0.00	0.00	0.00	0.00	46.71	0.00	0	362.8	232.01	15381.29
58.5		12.43	0.00	0.00	0.00	0.00	3.08	0.00	0.00	0.00	0.00	0.00	15.16	56.93	0.00	0	0	0.00	8889.46
58.9		11.30	121.04	0.00	0.00	0.00	4.48	17.42	0.00	68.69	2.55	10.11	48.64	78.42	0.00	0	971.45	354.01	39769.02
59.0		11.28	0.00	1.09	16.12	0.00	-3.99	5.51	0.00	0.00	36.47	0.00	27.21	80.02	0.00	99.49	137	561.86	33136.21
59.4		14.60	0.00	0.00	0.00	0.00	-1.33	0.00	0.00	0.00	27.86	0.00	13.57	120.16	0.00	0	0	970.10	17970.94
60.6		13.78	0.00	3.25	0.00	0.00	16.30	3.39	0.00	0.00	2.03	0.00	29.98	71.91	0.00	103.79	112.62	734.28	18404.97
61.2		5.32	46.35	0.00	0.00	0.00	10.26	7.75	0.00	76.81	2.38	0.00	51.04	118.03	0.00	49.61	499.15	7.48	51683.66
61.8		18.50	0.00	2.07	20.96	0.00	8.80	6.23	0.00	0.00	8.73	0.00	62.73	115.41	0.00	124.51	59.53	388.63	14637.30

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
62.0		12.71	0.00	0.00	0.00	0.00	1.42	4.89	0.00	0.00	9.55	0.00	54.17	229.06	0.00	0	0	433.27	13105.62
65.5		10.04	0.00	0.00	0.00	0.00	8.02	1.76	0.00	0.00	0.00	0.00	18.06	55.35	0.00	0	0	621.35	31262.83
67.4		15.09	9.17	21.92	0.00	0.00	9.63	0.00	0.00	0.00	2.23	0.00	42.47	67.88	0.00	126.66	0	372.00	32765.65
68.2		13.10	1.12	18.26	0.00	0.00	12.51	0.00	0.00	28.66	49.87	53.75	45.86	460.05	4.30	0	0	2731.57	33419.98
68.7		13.03	0.00	12.13	0.00	0.00	0.44	0.00	0.00	29.35	0.00	138.35	17.44	223.62	0.00	0	88.97	1612.03	23290.72
69.2		11.57	0.00	172.76	0.00	7.97	4.63	1.64	0.00	25.32	0.00	0.00	65.21	49.34	0.00	153.07	290.76	362.78	9140.40
73.2		10.37	0.00	50.17	3.41	0.00	2.63	10.09	0.00	0.00	57.43	0.00	24.62	190.52	0.00	117.85	152.55	402.78	12295.02
73.8		11.48	0.00	5.66	0.00	0.00	4.35	3.90	0.00	0.00	0.00	0.00	27.95	141.67	0.00	0	0	387.35	11406.43
74.1		13.21	0.00	122.66	0.00	0.00	1.14	0.00	0.00	28.90	86.06	0.00	38.79	273.61	0.00	200.31	59.7	264.88	6080.23
76.0		14.23	0.00	4.37	0.00	0.00	5.01	10.36	0.00	0.00	0.00	0.00	48.36	106.44	0.00	106.52	0	597.03	55718.05
76.2		143.91	0.00	78.30	0.00	137.87	88.60	300.47	82.42	0.00	694.34	328.90	0.00	888.92	93.55	0	0	0.00	914.94
76.8		12.17	0.00	0.00	11.31	0.00	4.80	1.51	0.00	0.00	3.67	0.00	28.78	90.53	0.00	155.92	0	422.91	32274.03
77.4		13.43	0.00	0.00	20.89	0.00	2.53	0.00	0.00	0.00	8.29	0.00	39.80	99.93	0.00	96.51	178.37	346.68	38337.33
77.6		10.86	3.36	3.65	8.82	0.00	10.27	18.61	0.00	3.35	0.00	0.00	232.40	115.80	0.00	106.99	118.14	460.95	79916.31
120.2		13.39	0.00	0.00	8.36	0.00	6.71	1.18	0.00	0.00	2.79	0.00	13.42	40.94	0.00	104.5	103.04	522.47	21882.57
127.6		9.60	19.27	2.38	0.00	0.00	9.54	0.00	0.00	22.43	0.00	0.00	0.00	109.21	7.43	135.23	0	7581.85	28294.86
127.7		12.61	5.31	0.00	5.62	0.00	-1.90	0.00	0.00	0.00	0.00	144.86	54.19	42.84	0.00	311.38	0	1283.17	64535.17
132.0		12.02	14.16	0.00	0.00	0.00	-2.22	0.00	0.00	0.00	1.05	0.00	12.15	225.36	0.00	376.24	231.92	695.30	118978.09
138.1		16.00	0.00	12.67	2.51	0.00	3.07	1.31	0.00	32.08	0.00	318.48	31.22	27.50	0.00	95.03	0	750.60	35180.33
141.9		13.55	52.87	0.00	7.55	4.18	14.06	0.00	0.00	0.00	0.00	0.00	14.76	28.88	0.00	40.42	0	1124.63	23157.46
142.0		12.20	12.95	0.00	0.00	0.00	7.96	5.05	0.00	0.00	3.68	0.00	38.21	86.25	0.00	116.9	34.8	282.93	63185.35
145.7		4.52	58.35	0.00	28.31	0.00	-0.17	2.49	0.00	0.00	0.00	0.00	26.49	242.78	1.41	408.38	123.05	682.12	145036.31
146.2		9.01	0.00	1.49	5.77	0.00	9.87	0.00	0.00	0.00	0.00	0.00	20.18	155.11	0.00	248.13	0	326.06	91800.09
147.5		13.81	0.00	3.36	0.00	0.00	13.94	0.00	0.00	0.00	4.78	27.09	91.93	131.40	0.00	180.03	0	838.48	32629.53
148.4		13.29	0.00	2.74	0.00	0.00	10.30	0.00	0.00	0.00	0.00	0.00	26.32	180.75	0.00	145.75	122.5	597.98	37740.34
148.6		12.02	2.13	0.00	0.00	0.00	6.60	0.00	0.00	0.00	6.68	0.00	316.24	136.31	0.00	129.58	0	785.33	39343.85
148.6		13.67	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	1.72	0.00	65.50	208.13	0.00	260.24	0	0.00	36144.91
150.6		13.07	0.00	2.13	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	21.42	69.54	0.00	0	156.7	496.35	29069.03
150.9		12.92	0.00	3.89	5.08	0.00	4.05	0.00	0.00	0.00	0.00	0.00	15.68	55.14	0.00	120.85	0	575.95	23949.18
151.5		18.81	11.31	0.00	0.00	0.00	5.01	0.00	1.27	0.00	1.27	0.00	42.37	47.09	0.00	24.85	315.32	149.32	31173.18
151.6		15.18	59.55	4.48	0.00	0.00	1.81	3.03	4.36	0.00	5.61	0.00	35.26	1048.65	2.31	134.33	231.73	0.00	11749.22
151.9		16.17	0.00	0.00	7.50	0.00	9.10	2.51	0.00	0.00	0.00	0.00	37.02	60.16	0.00	137.29	213.39	698.61	36327.05
152.4		13.04	30.58	5.17	0.00	2.35	5.94	0.00	0.00	0.00	0.00	0.00	64.00	132.61	0.00	248.37	16.87	460.29	69649.66
152.7		13.90	2.71	3.29	0.00	0.00	2.39	0.00	0.00	0.00	5.03	0.00	170.76	129.44	0.00	140.51	119.07	1061.65	42460.17
153.2		8.45	0.00	3.38	0.00	0.00	9.11	3.45	0.00	0.00	0.00	0.00	31.45	166.03	0.00	158.62	0	621.92	74221.27
153.5		9.46	38.97	0.00	0.00	0.00	16.04	1.39	0.00	0.00	0.00	0.00	50.47	131.99	0.00	217.78	0	494.82	66982.72
154.2		12.09	6.20	0.00	24.44	0.00	4.29	0.00	0.00	0.00	0.00	0.00	14.07	125.92	0.00	186.33	36.68	854.68	87673.33
154.4		11.18	3.96	0.00	0.00	0.00	11.28	1.67	0.00	0.00	3.22	0.00	40.50	116.00	0.00	160.14	125.95	963.89	76975.30
154.4		13.54	12.01	0.00	19.63	0.00	0.77	0.00	1.46	0.00	0.00	0.00	19.88	120.67	0.00	204.72	0	787.73	86991.69
155.1		11.93	0.00	0.00	2.21	0.00	8.33	2.83	0.00	0.00	0.00	0.00	86.70	60.13	0.00	147.81	0	778.12	28645.29
156.2		3.50	50.85	4.05	0.00	21.39	-2.83	5.15	17.00	0.00	2.87	0.00	356.35	110.13	0.00	179.43	0	1875.82	48133.67

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
157.0		16.42	0.00	0.00	4.50	0.00	9.18	0.00	0.00	0.00	0.00	0.00	43.83	103.87	0.00	0	127.24	370.92	45391.49
158.2		10.54	0.00	0.00	12.71	0.00	12.48	0.00	0.00	0.00	0.00	0.00	18.00	36.76	0.00	95.56	124.1	233.12	21377.30
158.2		11.72	0.00	0.00	11.08	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	40.49	0.00	98.99	0	271.94	32050.33
158.2		16.06	59.65	0.00	28.03	14.01	10.99	0.00	0.00	0.00	0.00	0.00	20.07	72.64	0.00	179.08	0	400.56	167876.17
158.8		15.80	0.00	0.00	3.92	0.00	2.69	0.00	0.00	0.00	0.00	0.00	61.09	101.64	0.00	119.69	0	352.52	45575.13
158.8		9.91	0.00	2.36	0.00	0.00	10.59	0.00	0.00	0.00	0.00	0.00	81.52	107.31	0.00	137	0	529.77	62561.86
159.1		9.38	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	22.50	57.42	0.00	121.11	0	235.35	48007.07
159.7		10.94	0.00	0.00	5.77	0.00	-2.08	0.00	0.00	0.00	0.00	0.00	33.66	174.94	0.00	173.79	0	319.15	45780.58
159.7		9.15	0.00	0.00	0.00	0.00	-1.08	0.00	0.00	0.00	0.00	0.00	118.28	32.47	0.00	98.15	0	501.38	12357.04
159.7		10.96	0.00	0.00	0.00	0.00	5.60	0.00	0.00	0.00	0.00	0.00	3594.99	38.94	0.00	95.27	98.6	608.91	22421.22
160.6		5.29	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	3.39	0.00	2.07	99.20	0.00	74.62	120.83	1279.39	74416.95
161.5		5.48	101.64	2.11	13.77	0.00	3.42	0.00	27.29	36.95	0.00	0.00	178.23	126.44	18.31	130.62	0	1338.15	126116.04
162.2		10.59	80.21	0.00	0.00	1.35	7.23	0.00	0.00	0.00	0.00	0.00	14.27	102.96	2.81	304.2	0	1564.02	108534.90
162.9		9.84	0.00	0.00	4.31	0.00	2.18	3.22	0.00	0.00	0.00	0.00	19.01	59.81	0.00	243.69	0	1021.14	54533.66
163.8		9.13	0.00	0.00	21.10	0.00	9.24	0.00	0.00	0.00	0.00	0.00	10.12	99.35	0.00	321.97	89.39	1460.89	96168.96
163.8		10.20	5.42	0.00	15.72	0.00	6.43	1.46	0.00	0.00	0.00	0.00	0.00	95.58	0.00	321.48	0	1196.03	90338.91
164.3		2.92	91.47	0.00	0.00	6.51	2.85	0.00	0.00	80.22	0.00	1.96	28.97	8.90	20.78	113.82	0	3915.47	18760.03
164.7		13.60	42.22	0.00	2.10	0.00	19.55	0.00	0.00	0.00	0.00	23.22	41.23	90.95	3.45	239.62	0	1260.59	90405.59
165.2		14.05	0.00	1.59	0.00	0.00	5.36	0.00	0.00	0.00	3.25	0.00	13.28	64.92	0.00	199.52	0	954.80	53029.74
165.4		11.89	0.00	0.00	2.79	0.00	7.57	0.00	0.00	0.00	0.00	0.00	31.58	76.80	0.00	262.53	0	1169.71	62143.58
165.7		9.67	0.00	1.77	5.31	0.00	7.79	0.00	0.00	0.00	0.00	0.00	10.13	87.00	0.00	309.65	0	1122.67	71323.30
165.8		11.78	0.00	0.00	2.64	0.00	5.65	0.00	0.00	0.00	0.00	0.00	26.60	64.32	0.00	250.02	0	1297.47	57585.00
166.6		13.88	0.00	0.00	12.96	0.00	-2.03	0.00	0.00	0.00	0.00	0.00	20.35	103.94	0.00	345.45	0	1188.82	112664.35
167.2		12.68	30.51	0.00	0.00	0.00	5.39	2.46	0.00	0.00	2.46	0.00	21.08	95.42	3.17	263.93	0	1527.76	45979.91
167.3		14.12	14.44	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	21.95	409.72	0.00	320.24	0	1124.01	49811.05
167.3		7.66	63.23	0.00	0.00	0.00	-1.10	0.00	0.00	0.00	0.00	0.00	30.33	426.50	3.20	318.24	31.81	1272.01	57924.25
167.5		12.51	0.00	0.00	23.32	0.00	6.12	3.98	0.00	0.00	0.00	0.00	20.87	128.22	0.00	121.06	0	1654.60	10932.92
167.6		15.15	281.63	0.00	0.00	56.81	20.24	6.91	82.00	56.04	8.40	108.25	50.25	88.30	9.52	342.08	0	575.48	240849.95
167.7		8.43	19.07	3.58	0.00	0.00	11.80	0.00	1.86	0.00	0.00	0.00	19.35	350.03	0.00	128.83	0	1388.08	21970.67
167.8		11.59	32.53	0.00	9.99	0.00	2.44	2.83	0.00	0.00	0.00	0.00	27.26	359.51	4.60	292.13	0	3636.24	39014.25
167.8		7.50	0.00	0.00	0.00	0.00	15.70	0.00	0.00	0.00	0.00	0.00	0.00	569.81	0.00	328.45	0	1818.60	37146.52
167.9		15.17	0.00	5.76	0.00	0.00	9.47	2.67	0.00	0.00	3.56	0.00	16.12	480.13	0.00	422.5	251.84	1604.47	45088.26
168.1		7.22	0.00	2.84	0.00	0.00	5.81	0.00	0.00	0.00	1.31	0.00	21.28	517.74	0.00	405.15	0	1278.14	36289.85
168.2		9.69	0.00	0.00	0.00	0.00	8.36	0.00	0.00	0.00	1.00	0.00	47.46	246.57	0.00	225.14	0	1445.31	27752.55
168.7		9.19	23.63	3.45	0.00	0.00	10.64	2.96	0.00	0.00	1.28	0.00	40.68	137.83	0.00	249.72	0	892.98	79768.23
169.0		10.46	4.06	0.00	12.56	0.00	1.78	0.00	0.00	0.00	0.00	0.00	16.79	75.43	0.00	277.99	0	1435.57	73109.24
170.1		10.64	0.00	0.00	17.09	0.00	15.82	0.00	0.00	18.78	0.00	0.00	0.00	74.47	0.00	287.54	0	1203.12	74250.29
170.7		11.12	29.20	0.00	0.00	0.00	13.69	0.00	0.00	11.86	0.00	0.00	0.00	118.56	3.52	220.01	0	1791.36	111623.70
171.0		10.84	30.19	0.00	0.00	0.00	5.92	0.00	0.00	4.68	0.00	0.00	26.51	62.42	0.00	158.14	0	1349.58	68597.28
171.4		11.87	29.62	0.00	3.31	0.00	8.02	0.00	0.00	49.09	0.00	0.00	18.60	83.58	0.00	147.02	0	1342.62	55793.49
171.6		7.79	26.60	5.74	1.60	0.00	13.29	0.00	8.62	0.00	0.00	0.00	18.25	54.03	0.00	90.04	0	931.19	58863.78

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
171.9		14.61	19.81	0.00	0.00	0.00	19.45	0.00	0.00	0.00	0.00	0.00	26.43	86.83	14.72	131.45	0	1233.55	60870.01
172.2		16.89	11.90	1.48	0.00	0.00	9.76	0.00	0.00	0.00	0.00	0.00	29.23	8.81	0.00	101.92	82.62	1715.89	20794.29
172.4		16.85	43.41	0.00	0.00	0.00	11.52	1.14	0.00	0.00	2.27	0.00	2.30	58.70	0.00	77.4	63.3	2189.42	77008.88
172.7		1.20	71.73	1.84	0.00	0.00	3.89	0.00	0.00	40.43	0.00	0.00	35.59	88.55	0.00	172.06	0	1568.65	86827.99
172.9		13.95	55.34	0.00	20.87	0.00	1.08	0.00	12.36	13.48	0.00	0.00	45.41	89.04	7.13	140.25	62.84	1328.10	74069.29
173.0		10.60	55.15	9.79	0.00	0.00	1.82	2.61	4.41	11.23	0.00	0.00	24.66	53.33	0.00	59.05	0	2388.19	79393.16
173.3		1.87	15.09	0.00	0.00	0.00	4.94	0.00	0.00	3.60	0.00	0.00	0.00	54.72	0.00	77.38	66.58	2108.21	83467.79
173.4		19.44	40.79	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	18.31	18.26	0.00	66.81	0	3350.23	11834.72
173.6		22.70	21.35	0.00	0.00	0.00	12.44	0.00	0.00	0.00	4.23	0.00	71.66	36.08	0.00	79.94	0	1993.73	6744.33
173.7		10.35	10.39	0.00	7.59	0.00	-5.48	1.17	0.00	0.00	0.00	0.00	13.89	89.73	0.00	324.78	0	1455.91	85230.43
173.9		15.09	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	1.93	0.00	69.42	55.45	0.00	153.04	0	799.73	29099.18
174.2		12.12	14.12	0.00	7.62	0.00	3.62	0.00	0.00	0.00	0.00	0.00	68.59	83.50	0.00	175.36	0	1181.46	46081.82
175.0		11.28	0.00	0.00	0.00	0.00	5.95	0.00	0.00	0.00	0.00	0.00	86.24	57.02	0.00	145.91	0	1136.05	44733.41
175.3		12.13	20.76	1.54	0.00	0.00	13.80	0.00	0.00	0.00	2.09	0.00	44.33	117.89	0.00	269.73	0	1953.74	98505.68
176.2		10.86	0.00	0.00	0.00	0.00	4.51	0.00	0.00	0.00	0.00	0.00	119.52	40.81	0.00	120.66	135.39	994.18	32252.82
176.4		17.97	5.64	0.00	3.36	0.00	3.33	0.00	0.00	0.00	0.00	0.00	18.59	62.61	0.00	145	0	1198.53	43225.44
176.4		10.30	16.96	0.00	0.00	0.00	11.80	0.00	0.00	24.94	0.00	0.00	0.00	53.67	0.00	144.92	83.93	1295.38	41921.86
176.8		10.97	2.59	0.00	14.15	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	45.98	93.10	0.00	231.54	0	1364.66	74782.27
176.9		10.50	0.00	1.88	0.00	0.00	7.95	0.00	0.00	8.07	0.00	0.00	30.16	25.57	0.00	216.48	158.49	1132.76	42030.61
177.1		10.01	5.34	0.00	28.75	0.00	4.32	0.00	0.00	0.00	0.00	0.00	34.47	73.32	0.00	130.23	130.93	1322.04	75552.24
177.4		13.89	0.00	0.00	2.74	0.00	10.28	0.00	0.00	0.00	0.00	0.00	31.76	81.76	0.00	96.06	0	761.21	57190.66
178.1		9.82	14.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	0.00	0.00	43.01	117.05	0.00	138.11	14.19	1169.27	76950.88
178.3		12.54	0.00	0.00	9.41	0.00	5.65	1.84	0.00	0.00	15.73	0.00	80.10	80.02	0.00	111.47	108.22	725.91	45542.58
178.6		4.30	9.79	0.00	4.33	0.00	4.07	0.00	0.00	0.00	0.00	0.00	31.13	112.82	0.00	105.9	0	1581.24	86505.52
178.9		10.03	17.51	7.27	0.00	0.00	1.52	4.37	0.00	0.00	2.79	0.00	62.71	90.93	0.00	97.47	0	1122.53	66837.78
179.1		14.97	9.32	0.00	0.00	0.00	7.96	0.00	0.00	21.48	0.00	0.00	30.76	107.11	0.00	113.92	5.91	1332.53	82252.57
179.3		6.76	84.81	2.01	0.00	0.00	7.88	1.64	0.00	0.00	2.65	0.00	28.57	66.15	0.00	117.61	77.81	1793.75	79513.56
179.7		18.22	0.00	2.05	0.00	0.00	-0.51	1.36	0.00	0.00	0.00	0.00	46.44	64.09	0.00	106.54	47.75	929.08	54904.41
180.0		12.86	0.00	0.00	0.00	0.00	3.33	0.00	0.00	16.35	0.00	0.00	72.80	46.28	2.66	116.16	0	991.23	38052.48
180.6		11.76	14.65	0.00	0.00	0.00	4.32	0.00	0.00	0.00	0.00	0.00	42.69	110.67	0.00	167.07	0	1732.36	109403.05
180.9		14.76	14.03	0.00	7.25	0.00	1.56	0.00	0.00	0.00	0.00	0.00	21.18	87.43	0.00	123.88	0	1121.17	69534.18
181.1		14.93	0.00	0.00	0.00	0.00	-5.68	1.05	0.00	0.00	0.00	0.00	23.74	75.12	2.76	107.81	39.19	985.25	60223.85
181.1		10.18	38.14	0.00	7.03	0.00	6.34	0.00	0.00	0.00	0.00	0.00	24.98	84.16	0.00	324.06	0	1492.50	86054.33
181.2		11.62	0.00	0.00	0.00	0.00	3.80	0.00	0.00	0.00	0.00	0.00	16.78	62.89	0.00	166.11	0	1010.60	50930.69
181.4		10.92	0.00	0.00	7.90	0.00	6.09	0.00	0.00	0.00	0.00	0.00	0.00	19.71	0.00	123.73	73.53	934.45	7015.51
181.6		11.74	10.85	0.00	12.11	0.00	5.51	0.00	0.00	0.00	0.00	0.00	13.91	91.49	0.00	105.31	0	977.37	57152.52
182.3		12.09	8.99	0.00	9.50	0.00	2.33	0.00	0.00	0.00	0.00	0.00	21.95	130.15	0.00	118.69	0	1299.60	78734.70
182.4		8.87	0.00	0.00	0.00	0.00	1.66	0.00	0.00	0.00	2.21	0.00	14.93	62.33	0.00	0	0	977.18	30824.58
182.6		2.93	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.00	0.00	0.00	0.00	113.04	0.00	0	0	1258.22	70977.95
183.2		10.37	49.24	0.00	0.00	0.00	-2.48	0.00	0.00	0.00	3.12	0.00	24.60	128.14	8.37	98.49	0	1578.78	80516.46
183.5		10.73	45.04	0.00	20.93	0.00	10.53	0.00	0.00	27.79	0.00	0.00	27.62	123.14	0.00	146.61	0	1716.95	99923.55

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
184.0		8.03	0.00	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	0.00	0.00	28.74	45.50	0.00	0	0	1317.31	53109.96
184.5		9.53	0.00	0.00	0.00	0.00	6.26	0.00	0.00	0.00	1.45	0.00	34.05	42.66	0.00	122.2	227.09	1686.91	45062.09
184.7		10.09	10.12	2.95	4.55	0.00	7.70	0.00	0.00	0.00	1.74	0.00	24.70	84.98	0.00	179.36	28.51	2084.26	78622.04
185.0		10.31	0.00	0.00	0.00	0.00	8.84	0.00	0.00	0.00	0.00	0.00	18.14	88.91	0.00	211.25	19.69	1273.87	75651.19
185.3		1.72	0.00	0.00	0.00	0.00	6.95	0.00	0.00	0.00	0.00	0.00	17.17	34.05	0.00	0	0	2258.30	44573.52
185.9		10.39	22.71	0.00	14.51	0.00	13.59	1.15	0.00	6.96	0.00	0.00	91.57	73.28	0.00	166.43	0	1719.02	112142.12
186.1		11.02	56.81	5.08	1.59	0.00	8.63	0.00	0.00	9.59	0.00	0.00	21.82	107.93	0.00	73.71	147.78	924.70	93947.14
186.2		12.78	0.00	0.00	13.06	0.00	6.00	0.00	0.00	0.00	1.62	0.00	14.79	119.87	0.00	90.17	0	1027.02	65482.18
186.3		1.77	29.56	1.46	0.00	0.00	8.71	3.79	0.00	0.00	0.00	0.00	506.28	119.10	0.00	79.03	0	1958.62	98608.91
186.5		3.47	47.88	1.45	14.16	0.00	13.67	0.00	0.00	37.98	0.00	0.00	16.97	166.99	0.00	39.39	0	1264.80	121121.36
186.5		11.56	2.05	0.00	0.00	0.00	7.25	0.00	0.00	0.00	0.00	0.00	17.64	126.50	0.00	92.69	150.02	720.61	69562.24
186.6		9.19	0.00	0.00	0.00	0.00	3.93	0.00	0.00	0.00	0.00	0.00	81.11	45.64	0.00	0	163.52	303.29	40816.22
186.6		12.47	0.00	0.00	0.00	0.00	7.35	0.00	0.00	0.00	0.00	0.00	24.57	58.52	0.00	0	211.65	519.52	33729.31
187.0		14.74	17.04	0.00	16.27	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	63.25	204.93	0.00	110.24	40.45	976.60	126967.89
187.3		13.33	34.24	1.35	0.00	0.00	5.74	2.51	0.00	0.00	0.00	0.00	30.84	218.07	0.00	119.1	0	961.24	102199.38
187.7		2.22	105.04	5.01	2.95	0.00	11.32	1.36	9.38	25.48	4.08	0.00	7.02	197.14	0.00	116.21	741.35	1398.48	113562.08
188.5		13.32	0.00	0.00	5.79	0.00	7.90	0.00	0.00	0.00	0.00	0.00	0.00	147.29	0.00	127.7	97.06	597.14	43904.64
189.0		6.90	59.85	0.00	8.78	12.52	12.89	0.00	8.63	0.00	0.00	0.00	11.23	36.06	15.54	68.76	0	2359.50	83803.50
189.5		10.87	0.00	2.76	0.00	0.00	9.69	0.00	0.00	0.00	0.00	0.00	39.63	101.90	0.00	0	0	940.06	52459.99
189.9		11.25	0.00	0.00	0.00	0.00	7.04	0.00	0.00	0.00	0.00	0.00	27.19	107.28	0.00	0	285.51	771.21	46495.60
190.5		9.85	0.00	0.00	0.00	0.00	9.77	3.32	0.00	0.00	0.00	0.00	25.56	123.57	0.00	141.28	0	1247.20	78571.13
190.8		1.72	100.26	0.00	15.27	0.00	9.53	2.23	12.78	0.00	0.00	0.00	1.46	261.11	0.00	313.51	0	2072.61	157060.30
190.8		2.94	105.32	0.00	0.00	0.00	27.85	3.10	0.00	11.52	0.00	0.00	39.91	177.20	0.00	143.9	215.52	2222.61	119414.24
190.8		3.52	101.75	0.00	26.57	0.00	9.86	1.15	0.00	0.00	0.00	0.00	38.39	276.15	0.00	259.19	0	2198.87	162191.45
190.9		12.68	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	33.03	69.38	0.00	97.53	0	673.54	46145.96
191.4		1.73	27.74	1.48	0.00	0.00	-1.35	0.00	0.00	0.00	0.00	0.00	0.00	109.26	0.00	80.93	0	1350.52	94042.18
191.6		15.08	0.00	0.00	8.91	0.00	6.05	0.00	0.00	0.00	0.00	0.00	0.00	28.52	0.00	0	84.22	556.82	24087.04
191.7		11.17	0.00	0.00	0.00	0.00	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	626.60	1368.29
192.0		3.93	94.40	0.00	9.67	0.00	18.34	2.20	4.43	0.00	0.00	0.00	43.73	160.68	4.83	110.38	0	1464.32	87775.12
192.3		3.49	55.74	0.00	0.00	0.00	7.40	1.66	0.00	0.00	0.00	0.00	0.00	155.82	0.00	128.38	0	1969.67	83561.74
192.3		1.24	45.65	0.00	0.00	0.00	9.42	0.00	0.00	1.63	0.00	0.00	247.90	135.66	0.00	72.28	36.92	1493.32	84170.99
192.3		8.03	84.55	0.00	9.24	0.00	3.86	1.72	23.28	15.35	0.00	0.00	103.45	163.47	11.71	122.57	0	1846.12	85416.65
192.6		9.21	19.05	3.42	0.00	0.00	8.23	0.00	0.00	0.00	0.00	0.00	26.65	108.86	0.00	0	178.72	1194.81	72090.19
192.8		11.03	0.00	0.00	2.62	0.00	-3.32	0.00	0.00	0.00	2.11	0.00	17.63	78.17	4.63	124.45	0	1201.31	73415.02
192.9		10.15	0.00	0.00	5.59	0.00	1.54	1.12	0.00	0.00	3.45	0.00	121.25	102.28	0.00	103.58	0	1323.02	79304.66
193.2		11.77	15.77	0.00	0.00	0.00	6.88	0.00	0.00	0.00	1.86	0.00	25.21	84.74	0.00	133.87	0	1232.77	73881.66
193.5		9.63	0.00	1.27	4.47	0.00	12.56	0.00	0.00	0.00	0.00	0.00	15.33	65.12	0.00	126.97	0	610.98	105669.63
193.6		13.24	3.68	0.00	6.06	0.00	8.74	0.00	0.00	0.00	0.00	0.00	31.22	105.56	0.00	104.96	0	1381.19	91089.32
193.7		11.40	19.94	4.93	0.00	0.00	4.95	0.00	0.00	25.00	0.00	0.00	37.59	93.24	0.00	118.6	139.49	1369.88	89770.51
193.9		11.42	5.87	0.00	2.36	0.00	1.86	0.00	0.00	0.00	0.00	0.00	29.07	87.97	0.00	107.6	27.15	1065.27	66861.15
194.0		9.46	123.71	1.22	0.00	40.63	16.19	0.00	72.91	0.00	0.00	0.00	4.40	112.04	17.66	70.15	493.64	2762.88	90870.47

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
194.3		5.45	3.52	0.00	0.00	0.00	6.71	0.00	0.00	6.63	2.12	0.00	74.47	106.88	0.00	52.47	65.85	2171.08	88487.10
194.6		10.37	24.78	2.09	2.70	0.00	2.97	0.00	0.00	32.81	0.00	0.00	19.21	95.85	0.00	144.89	0	1332.99	74646.55
194.9		11.75	95.07	3.73	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	45.37	72.07	11.46	115.26	86.15	386.23	106363.67
194.9		11.62	93.05	0.00	1.97	0.00	1.18	2.77	3.43	16.77	0.00	0.00	108.97	97.10	6.54	139.28	25.2	1199.43	111418.15
195.0		10.55	36.38	2.03	0.00	0.00	7.56	0.00	0.00	0.00	1.13	0.00	31.47	112.55	0.00	152.74	18.44	1720.74	90950.03
195.0		9.70	25.03	0.00	9.65	0.00	4.30	2.18	0.00	0.00	0.00	0.00	12.01	132.67	0.00	165.32	0	1951.55	93356.17
195.1		10.74	8.02	3.45	0.00	0.00	12.97	1.04	0.00	5.70	1.22	0.00	36.87	83.61	0.00	116.48	0	1978.03	62861.79
195.2		2.88	90.40	0.00	0.00	0.00	8.03	0.00	7.83	36.91	2.24	0.00	0.00	142.73	0.00	109.07	0	1378.56	112444.73
195.2		2.01	85.42	4.79	0.00	0.00	11.87	0.00	0.00	0.00	1.07	0.00	9.48	139.81	0.00	122.72	0	2052.97	114608.74
195.3		4.16	67.88	2.23	0.00	0.00	10.56	0.00	0.00	9.05	0.00	0.00	44.69	89.15	5.78	77.36	0	2421.46	96653.42
195.6		26.86	148.56	0.00	21.74	0.00	13.40	1.56	0.00	0.00	5.99	70.69	187.77	206.77	0.00	105.96	0	1081.64	283298.72
195.6		9.28	32.72	5.35	1.86	0.00	9.71	2.69	9.08	0.00	0.00	0.00	30.92	135.32	11.99	132.15	0	2106.46	103869.63
195.6		10.19	0.00	0.00	13.50	0.00	7.01	0.00	0.00	0.00	0.00	0.00	43.06	77.56	0.00	116.87	0	1345.60	67899.59
195.7		12.38	37.59	0.00	0.00	0.00	3.73	0.00	0.00	16.51	1.35	0.00	78.15	84.51	0.00	134.54	0	1681.77	65440.41
195.8		13.27	18.41	0.00	0.00	0.00	9.93	1.93	0.00	0.00	0.00	0.00	0.00	99.14	0.00	120.01	0	1376.48	80856.57
195.8		12.27	34.14	4.46	0.00	0.00	6.17	0.00	0.00	0.00	0.00	0.00	19.83	85.43	0.00	142.53	0	1351.32	82864.38
196.0		3.92	104.53	0.00	0.00	27.21	15.64	0.00	38.22	0.00	0.00	0.00	16.74	123.13	10.31	112.59	0	2403.34	96939.43
196.3		16.86	66.92	0.00	15.61	6.39	1.48	0.00	9.35	0.00	0.00	0.00	27.62	167.84	6.52	147.86	0	1707.96	77824.86
196.5		15.40	0.00	1.94	0.00	0.00	10.49	0.00	0.00	0.00	4.98	0.00	88.41	38.22	0.00	91.36	178.03	1302.13	49182.84
196.6		3.06	63.35	0.00	0.00	0.00	4.46	0.00	0.00	2.74	1.33	0.00	23.04	106.62	0.00	107.55	0	1669.41	100747.40
196.7		9.85	0.00	0.00	0.00	0.00	5.24	0.00	0.00	13.53	0.00	0.00	26.58	78.75	0.00	110.9	0	1156.32	67793.91
196.9		4.88	103.63	0.00	0.00	0.00	14.01	0.00	0.00	31.43	0.00	0.00	64.29	128.93	0.00	109.25	0	1276.25	105981.02
197.1		13.23	31.31	1.31	8.29	0.00	6.30	0.00	0.00	0.00	0.00	0.00	81.56	123.35	0.00	129.76	0	1239.38	74864.64
197.3		14.06	94.86	0.00	0.00	0.00	4.02	1.89	8.92	0.00	0.00	0.00	18.74	120.37	0.00	104.2	0	772.93	86411.46
197.4		1.22	84.71	2.09	8.35	0.00	19.94	0.00	0.00	55.95	0.00	0.00	13.30	151.62	0.00	133.77	0	998.78	105228.98
197.4		1.20	75.16	0.00	0.00	0.00	24.64	0.00	0.00	39.90	0.00	0.00	0.00	183.15	0.00	47.22	0	1713.73	109952.16
197.5		16.16	9.63	0.00	0.00	0.00	4.60	0.00	0.00	0.00	0.00	0.00	25.99	51.71	0.00	121.92	143.91	1436.22	51467.46
197.6		15.19	8.88	0.00	0.00	0.00	8.09	0.00	1.84	0.00	0.00	0.00	15.69	178.22	0.00	134.14	0	1525.39	88896.89
197.8		9.75	22.95	0.00	16.52	1.53	-0.81	1.80	15.82	0.00	0.00	0.00	11.67	179.67	4.24	113.79	0	1951.73	84817.66
197.8		9.52	37.30	0.00	29.77	2.31	11.08	2.41	8.88	0.00	0.00	0.00	0.00	194.22	3.71	127.52	0	2038.07	87840.95
197.8		11.06	15.13	0.00	15.17	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.00	168.55	0.00	121.26	0	2074.97	82238.43
197.8		14.47	133.81	3.06	5.82	13.75	-4.36	0.00	22.76	0.00	3.65	0.00	8.40	178.89	0.00	114.61	0	1975.00	92054.70
197.9		6.38	0.00	0.00	10.44	0.00	17.17	0.00	0.00	0.00	1.26	0.00	14.23	126.17	0.00	0	16.38	1416.77	82219.88
198.1		12.15	83.80	0.00	4.72	8.21	4.33	0.00	1.01	0.00	0.00	0.00	27.09	185.35	5.98	152.99	0	1860.13	107043.58
198.1		10.05	17.00	0.00	0.00	0.00	10.37	1.18	0.00	0.00	0.00	0.00	22.60	120.28	0.00	102.35	0	1261.11	76872.10
198.4		12.15	45.33	2.47	4.64	0.00	1.03	0.00	3.93	33.41	0.00	0.00	21.63	134.95	4.69	120.69	235.17	1961.78	91788.27
198.7		12.09	17.89	0.00	10.96	2.79	-5.87	0.00	8.86	0.00	0.00	0.00	57.34	204.50	0.00	131.84	0	2507.80	124436.20
199.0		8.39	206.28	0.00	4.94	9.99	12.72	1.42	22.51	0.00	0.00	0.00	25.52	297.84	2.26	97.28	458.47	2870.20	193910.77
199.1		13.01	59.39	0.00	1.33	0.00	-4.09	0.00	0.00	56.99	0.00	0.00	28.33	140.21	0.00	141.38	0	1976.63	130267.24
199.3		5.56	77.54	4.49	0.00	0.00	-1.14	0.00	1.26	9.99	3.61	0.00	16.87	191.43	3.41	82.28	85.45	1781.51	119819.38
199.4		1.34	82.98	0.00	0.00	0.00	12.60	0.00	5.56	40.37	0.00	0.00	22.90	139.29	0.00	119.91	2.92	1654.96	103362.00

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
199.5		10.41	127.68	0.00	0.00	19.83	9.35	1.82	32.07	33.39	5.21	0.00	20.24	140.25	0.00	196.41	0	1199.73	82693.54
199.7		4.84	92.91	0.00	0.00	0.00	4.45	0.00	0.00	0.00	13.81	0.00	10.39	213.18	0.00	100.86	0	2320.23	157972.41
199.8		10.45	4.92	3.99	0.00	0.00	12.18	0.00	0.00	1.84	0.00	0.00	29.24	120.25	0.00	105.72	0	1466.83	93856.96
199.9		14.02	40.62	0.00	0.00	0.00	-2.62	0.00	0.00	0.00	0.00	0.00	37.03	143.69	0.00	141.01	0	1645.08	105613.23
200.3		11.67	0.00	0.00	0.00	0.00	-3.45	1.37	0.00	0.00	0.00	0.00	307.81	105.86	0.00	114.88	0	1480.53	73114.46
200.6		10.89	91.77	0.00	0.00	0.00	4.25	0.00	21.32	0.00	0.00	0.00	11.35	247.03	0.00	53.19	147.95	3959.40	110547.09
200.6		15.07	69.34	0.00	3.55	0.00	5.93	0.00	2.12	0.00	0.00	0.00	27.87	154.21	3.45	65.73	219.52	8216.35	73771.74
200.7		11.72	1.08	0.00	0.00	0.00	5.74	0.00	0.00	24.41	0.00	0.00	24.68	81.97	0.00	98.04	19.02	1448.80	65173.61
200.7		6.22	21.38	2.64	0.00	0.00	6.11	0.00	0.00	0.00	0.00	0.00	0.00	149.23	0.00	0	199.61	1633.70	97513.87
200.9		9.76	30.97	0.00	0.00	0.00	13.90	0.00	0.00	0.00	3.05	0.00	627.63	159.56	0.00	69.67	0	3161.81	94980.83
201.1		9.68	0.00	0.00	17.14	0.00	5.27	5.51	0.00	0.00	0.00	16.99	18.56	47.70	0.00	0	0	241.86	10795.51
201.4		12.43	0.00	1.55	0.00	0.00	9.65	0.00	0.00	0.00	0.00	0.00	159.34	138.09	0.00	114.37	0	1197.07	75629.59
201.5		17.54	5.61	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	28.99	140.94	0.00	93.06	0	1099.89	72722.50
201.8		9.42	0.00	0.00	3.17	0.00	5.83	0.00	0.00	0.00	0.00	0.00	18.34	93.48	0.00	0	0	1646.23	95645.91
202.1		1.57	81.82	0.00	3.43	14.45	18.32	4.23	29.44	0.00	0.00	0.00	13.60	245.66	9.55	353.22	28.04	1824.58	149305.28
202.1		14.36	77.72	0.00	20.52	9.47	7.82	1.63	34.76	0.00	0.00	0.00	21.89	197.35	0.00	280.66	0	2005.53	158311.97
202.2		2.50	117.90	1.86	0.00	0.00	8.22	0.00	0.00	32.75	0.00	0.00	10.25	164.28	0.00	161.54	0	893.70	147620.56
202.4		7.72	84.53	1.28	4.15	21.78	7.44	1.44	28.91	0.00	0.00	0.00	3.94	238.86	18.98	176.66	0	1836.79	128446.66
202.7		11.97	17.25	4.98	0.00	0.00	3.81	1.35	0.00	0.00	0.00	0.00	34.54	87.58	0.00	13.49	93.54	1439.78	101249.70
202.7		10.87	22.27	0.00	2.08	0.00	9.10	0.00	0.00	0.00	1.60	0.00	253.30	111.69	0.00	87.81	103.84	1093.06	53001.43
202.8		5.10	42.68	0.00	1.51	0.00	7.14	0.00	6.68	0.00	0.00	0.00	0.00	168.25	0.00	46.37	0	1708.62	118667.21
202.8		11.79	30.75	0.00	16.62	0.00	12.99	0.00	0.00	0.00	0.00	0.00	14.40	149.56	0.00	123.64	0	1152.74	122732.46
203.0		13.99	2.02	1.01	0.00	0.00	-1.43	1.32	11.58	0.00	0.00	0.00	0.00	64.80	0.00	0	239.55	924.78	55675.15
203.3		9.12	0.00	2.86	0.00	0.00	8.59	0.00	0.00	0.00	0.00	0.00	23.49	153.97	0.00	147.76	0	629.99	111767.32
203.4		2.87	112.24	0.00	1.22	0.00	5.38	0.00	32.50	13.69	0.00	0.00	13.33	161.94	1.92	125.76	125.17	1295.76	128121.51
203.4		4.29	63.56	4.25	0.00	0.00	7.18	2.37	0.00	38.19	0.00	0.00	19.74	128.96	0.00	28.68	95.31	687.99	100436.33
203.5		13.33	11.84	0.00	13.43	0.00	7.29	0.00	0.00	0.00	0.00	0.00	18.11	201.87	0.00	132.54	0	599.99	140973.31
203.5		2.02	30.51	0.00	3.91	0.00	-3.15	0.00	0.00	0.00	0.00	0.00	2.50	199.77	0.00	51.04	0	167.10	134603.73
203.5		5.55	7.60	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00	3.59	144.26	0.00	91.57	0	585.99	124985.05
203.6		9.69	0.00	0.00	0.00	0.00	4.12	1.77	0.00	0.00	0.00	0.00	20.95	77.83	0.00	0	0	874.19	57314.08
203.8		9.28	0.00	0.00	4.03	0.00	0.37	0.00	0.00	0.00	0.00	0.00	30.41	110.04	0.00	86.57	0	1090.71	53973.07
203.8		8.54	0.00	1.70	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00	0.00	135.64	0.00	101.88	0	899.62	69392.34
203.8		14.02	0.00	0.00	10.90	0.00	-3.92	0.00	0.00	0.00	0.00	0.00	48.32	145.09	0.00	106.24	0	1131.24	69519.52
203.8		10.52	28.31	0.00	1.52	0.00	12.63	0.00	0.00	3.95	0.00	0.00	22.33	230.75	0.00	140.99	0	704.07	104121.63
204.1		16.01	2.17	0.00	2.12	0.00	6.11	1.43	0.00	0.00	2.85	0.00	20.49	186.97	4.69	251.4	0	724.60	112444.91
204.4		1.90	86.59	0.00	8.05	3.04	8.28	2.29	3.15	0.00	1.47	0.00	15.43	193.14	0.00	60.36	176.81	50.22	142736.59
204.4		9.18	92.67	0.00	10.88	24.67	9.47	3.80	29.10	0.00	0.00	0.00	8.79	189.08	4.38	68.45	239.11	1249.13	153907.64
204.5		7.83	0.00	0.00	3.69	0.00	6.74	0.00	0.00	0.00	0.00	0.00	18.16	176.76	0.00	118.91	67.1	525.40	74217.19
204.8		11.35	4.45	0.00	0.00	0.00	4.56	0.00	0.00	0.00	0.00	0.00	31.90	108.87	0.00	113.9	0	2321.47	52943.89
204.8		11.63	0.00	0.00	0.00	0.00	7.20	0.00	0.00	0.00	0.00	0.00	22.33	155.16	0.00	107.26	0	976.41	74126.30
204.9		11.90	5.03	0.00	0.00	0.00	11.32	0.00	0.00	0.00	1.52	0.00	0.00	115.63	0.00	130.84	0	1315.57	64538.73

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
204.9		10.76	0.00	0.00	0.00	0.00	-6.07	0.00	0.00	0.00	1.06	0.00	0.00	96.41	0.00	98.39	0	1309.85	63658.21
204.9		12.14	57.97	3.49	0.00	0.00	11.28	8.83	0.00	0.00	0.00	0.00	351.98	165.65	3.14	54.31	432.28	1005.43	130786.81
205.1		10.41	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	1.05	0.00	23.49	144.00	0.00	115.39	0	993.81	78418.47
205.3		12.60	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	41.76	42.01	0.00	0	0	1291.45	27301.20
205.4		13.04	0.00	1.31	0.00	0.00	2.90	0.00	0.00	0.00	0.00	0.00	139.38	110.40	0.00	0	0	1136.52	63326.73
205.5		12.43	18.25	5.01	0.00	0.00	-0.03	2.12	0.00	0.00	0.00	0.00	42.32	140.91	4.70	128.54	0	566.78	85684.39
205.6		2.81	113.37	0.00	14.63	21.63	12.26	0.00	18.89	0.00	0.00	0.00	55.37	163.76	12.52	86.76	0	4339.75	95651.19
205.7		6.65	11.58	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	8.60	110.37	0.00	29.35	122.24	1001.49	62960.58
205.7		13.74	61.81	0.00	0.00	0.00	8.66	0.00	13.13	18.25	0.00	0.00	0.00	218.57	16.68	155.39	0	647.22	119066.49
205.8		11.88	27.23	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.00	0.00	13.90	166.78	0.00	100.14	0	500.46	105479.95
206.0		4.09	27.14	48.49	0.00	0.00	5.62	0.00	5.05	19.09	9.77	0.00	17.43	167.51	0.00	58.99	0	673.30	90397.78
206.2		18.91	21.20	0.00	1.92	0.00	7.07	0.00	0.00	0.00	0.00	0.00	43.10	83.08	0.00	130.56	0	2319.83	51413.53
206.3		12.64	3.11	0.00	0.00	0.00	13.21	0.00	0.00	0.00	0.00	0.00	48.82	83.16	0.00	150.25	0	510.26	48036.18
206.3		10.98	84.12	1.41	8.16	75.41	4.64	0.00	70.15	0.00	0.00	0.00	38.38	61.66	23.66	143.35	0	378.77	28074.52
206.3		1.60	23.50	9.27	0.00	0.00	4.18	0.00	0.00	11.50	0.00	0.00	0.00	237.03	2.05	43.71	0	1322.32	97331.30
206.5		10.87	0.00	0.00	6.75	0.00	11.53	0.00	0.00	0.00	0.00	0.00	0.00	184.46	0.00	121.3	0	305.51	56192.23
206.7		11.33	3.43	5.02	5.89	0.00	7.72	2.59	0.00	0.00	0.00	0.00	31.21	197.81	0.00	124.5	0	1016.03	85780.45
207.0		16.61	71.29	3.43	0.00	0.00	-4.47	0.00	0.00	0.00	0.00	0.00	42.64	296.03	0.00	93.29	0	3749.78	140173.69
207.1		9.34	0.00	3.25	0.00	0.00	9.37	0.00	0.00	0.00	0.00	0.00	45.94	117.95	0.00	0	0	1511.77	61920.84
207.2		13.53	19.57	0.00	0.00	0.00	4.30	1.69	0.00	0.00	0.00	0.00	15.37	78.73	0.00	133.4	0	337.03	54804.09
207.3		7.76	62.21	20.15	5.80	6.04	-0.58	0.00	10.59	0.00	0.00	0.00	23.32	107.89	0.00	43.16	239.45	1568.86	85006.65
207.6		10.86	85.70	18.44	0.00	0.00	26.42	0.00	0.00	14.79	0.00	0.00	38.35	66.81	0.00	91.33	0	4534.33	148115.39
207.9		6.98	0.00	32.55	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	18.89	83.19	0.00	0	138.88	847.28	43618.06
208.0		10.15	0.00	60.31	1.68	0.00	9.07	3.09	0.00	51.64	0.00	0.00	24.19	319.80	0.00	97.25	0	188.71	20619.71
208.0		13.14	0.00	94.74	0.00	0.00	11.96	0.00	0.00	52.41	0.00	0.00	32.86	51.88	0.00	132.42	0	190.76	22626.27
208.9		10.93	1.70	11.25	2.09	0.00	12.38	0.00	0.00	0.00	0.00	0.00	32.79	51.72	0.00	0	97.12	506.91	22244.92
209.1		4.30	25.91	58.16	12.84	7.70	7.30	0.00	0.00	5.17	3.15	0.00	28.78	201.81	0.00	0	426.26	91.58	59711.11
209.4		1.64	5.29	65.23	0.00	0.00	2.30	0.00	0.00	28.69	0.00	0.00	2.55	167.29	0.00	0	140.39	1611.88	69597.70
209.6		4.43	2.99	0.00	0.00	0.00	5.34	0.00	0.00	0.00	0.00	0.00	18.59	63.69	0.00	0	59.01	3115.29	65892.87
209.8		12.25	0.00	14.09	7.41	0.00	6.63	0.00	0.00	0.00	0.00	0.00	0.00	193.23	0.00	102.67	166.04	1666.66	34996.06
210.0		4.63	19.07	46.55	3.42	0.00	9.39	0.00	0.00	12.94	0.00	0.00	15.68	325.78	0.00	44.62	48.4	4922.70	73167.05
210.3		11.47	0.00	13.35	0.00	0.00	6.68	0.00	0.00	0.00	3.65	0.00	37.71	92.37	0.00	124.52	258.47	378.84	45576.19
211.1		11.92	0.00	0.00	0.00	0.00	6.69	1.39	0.00	0.00	0.00	0.00	22.64	99.66	0.00	93.63	0	2777.32	74274.27
211.1		4.11	0.00	12.59	0.00	0.00	11.70	0.00	0.00	0.00	3.48	0.00	41.63	96.72	0.00	128.45	0	271.35	107204.10
211.3		11.22	4.36	3.15	11.61	0.00	6.69	1.61	0.00	20.28	1.54	0.00	84.01	104.55	0.00	0	7.81	1322.10	71817.74
211.5		12.41	31.58	6.11	0.00	0.00	10.17	0.00	0.00	13.18	0.00	0.00	44.18	136.79	7.67	135.27	23.57	1634.42	88271.72
212.4		10.09	37.35	36.31	0.00	0.00	13.84	3.18	0.00	0.00	2.17	0.00	88.54	134.64	0.00	121.34	0	2823.98	60874.01
212.7		11.76	24.88	15.48	0.00	0.00	3.70	0.00	0.00	0.00	0.00	0.00	39.61	75.21	0.00	121.04	80.41	3368.43	65021.23
212.7		13.22	5.47	15.89	0.00	0.00	10.16	0.00	0.00	0.00	0.00	0.00	60.20	96.57	0.00	141.97	0	2998.19	63554.75
212.9		9.79	0.00	4.72	0.00	0.00	9.52	0.00	0.00	0.00	0.00	0.00	20.50	64.27	0.00	0	0	2299.52	36272.21
213.3		23.47	0.00	12.59	7.43	0.00	-4.07	2.15	0.00	0.00	0.00	0.00	21.43	44.67	0.00	0	0	1831.66	54950.93

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
213.4		10.02	15.12	2.44	11.85	0.00	12.05	0.00	0.00	9.84	2.52	0.00	19.73	85.72	0.00	89.67	320.63	407.62	39468.11
213.7		11.46	0.00	2.73	0.00	0.00	7.36	0.00	0.00	0.00	0.00	0.00	14.24	73.01	0.00	0	235.63	754.87	32943.92
214.0		14.15	0.00	1.21	0.00	0.00	0.41	0.00	0.00	0.00	1.56	0.00	38.93	161.42	0.00	109.34	0	938.09	66865.98
214.0		11.48	3.83	1.78	0.00	0.00	4.95	0.00	0.00	0.00	0.00	0.00	70.17	182.45	0.00	0	326.12	662.41	69504.52
214.3		16.15	0.00	0.00	0.00	0.00	5.45	0.00	0.00	0.00	0.00	0.00	25.72	96.84	0.00	111.03	0	492.68	72253.37
214.3		9.37	21.18	3.23	0.00	0.00	5.84	2.01	0.00	15.53	0.00	0.00	42.08	130.33	4.36	110.39	0	483.13	92696.45
214.8		11.14	0.00	0.00	0.00	0.00	4.71	0.00	0.00	0.00	0.00	0.00	0.00	87.08	0.00	0	490.41	322.86	49984.15
214.9		6.29	0.00	0.00	0.00	0.00	10.15	0.00	0.00	0.00	0.00	0.00	0.00	60.71	0.00	0	377.37	233.04	43074.55
215.2		10.00	0.00	0.00	12.37	0.00	1.09	0.00	0.00	0.00	0.00	0.00	16.99	77.87	0.00	0	405.79	412.99	35550.39
215.2		18.75	61.20	1.47	22.08	0.00	8.46	0.00	5.49	0.00	0.00	0.00	62.19	400.76	0.00	141.79	0	891.71	123152.38
215.3		2.55	22.43	4.01	0.00	0.00	14.37	3.70	0.00	92.96	3.57	23.88	17.95	191.29	0.00	91.76	68.02	4922.18	78045.04
215.3		9.00	155.20	7.91	0.00	0.00	24.86	0.00	0.00	56.70	7.04	6.78	86.94	195.22	0.00	80.81	0	3640.40	163875.48
215.5		3.06	78.09	2.01	1.33	6.08	6.86	3.04	0.00	66.44	2.28	0.00	45.01	217.04	15.50	44.16	0	1385.01	82877.53
215.5		11.77	5.24	1.45	0.00	0.00	5.91	0.00	0.00	10.91	0.00	0.00	15.54	195.94	0.00	116.16	0	877.87	68939.20
215.5		10.17	14.12	2.91	3.19	0.00	3.26	0.00	1.95	29.05	0.00	0.00	0.00	245.60	0.00	120.32	115.09	966.38	77447.07
215.6		13.17	0.00	0.00	0.00	0.00	8.21	0.00	0.00	16.79	0.00	0.00	26.31	148.24	0.00	122.36	70.54	1150.55	64693.89
215.8		13.87	24.37	0.00	0.00	0.00	3.09	0.00	0.00	15.51	0.00	0.00	17.79	84.48	0.00	115.06	0	1807.57	55162.75
216.1		12.93	154.78	0.00	23.52	113.75	14.01	0.00	127.50	0.00	0.00	0.00	20.94	183.89	42.52	229.51	0	2186.56	159067.48
216.2		10.96	74.24	0.00	0.00	0.00	11.64	1.27	27.62	0.00	0.00	0.00	3.61	296.05	3.40	132.24	0	693.73	97019.97
216.2		11.24	40.32	0.00	17.42	7.62	15.75	1.13	0.00	0.00	0.00	0.00	26.75	202.17	0.00	52.36	0	961.07	88495.00
216.4		7.88	64.36	2.49	0.00	9.77	5.22	0.00	12.94	0.00	0.00	0.00	30.57	190.02	0.00	86.18	33.61	463.77	100470.09
216.7		9.75	22.38	0.00	25.85	0.00	12.44	0.00	0.00	0.00	1.02	0.00	50.99	329.10	20.68	172.18	0	786.69	138719.86
217.0		10.93	0.00	0.00	5.62	0.00	-1.38	0.00	0.00	0.00	0.00	0.00	32.33	167.17	0.00	94.19	0	538.41	67238.44
218.1		11.08	0.00	0.00	9.39	0.00	6.90	0.00	0.00	0.00	0.00	0.00	30.26	118.32	0.00	0	43.99	1213.23	62056.16
218.2		11.01	5.13	4.44	0.00	0.00	5.89	0.00	0.00	0.00	0.00	0.00	39.73	66.91	0.00	118.5	110.42	1422.53	41042.68
219.2		10.56	17.17	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	58.44	132.42	11.68	101.57	0	1576.83	50396.51
219.4		8.25	62.29	3.08	0.00	0.00	7.14	1.97	0.00	0.00	0.00	0.00	42.02	56.06	0.00	64.45	486.38	182.87	55034.38
219.7		3.39	104.59	0.00	0.00	19.65	11.24	7.69	31.48	30.78	0.00	0.00	3.04	106.35	5.17	46.68	241.94	2655.85	103294.80
219.8		2.52	0.00	4.76	0.00	0.00	-0.24	0.00	0.00	0.00	1.26	0.00	16.12	92.43	0.00	0	0	1867.88	65987.68
220.0		9.59	0.00	1.70	0.00	0.00	6.34	0.00	0.00	0.00	3.19	0.00	0.00	188.73	0.00	0	40.15	2271.58	44349.63
220.1		6.60	48.61	0.00	0.00	0.00	13.40	0.00	0.00	21.54	4.07	0.00	44.25	203.16	0.00	79.32	321.74	2171.96	91703.16
220.8		4.28	0.00	0.00	0.00	0.00	0.35	0.00	0.00	2.67	0.00	0.00	53.61	197.54	0.00	50.29	139.82	5715.93	39302.84
221.6		4.31	235.68	4.86	4.45	117.24	14.78	5.89	114.17	23.37	5.02	21.53	117.21	455.30	12.98	191.38	455.95	1385.52	135898.70
221.6		4.95	148.15	6.18	4.86	74.96	23.58	6.63	74.57	0.00	1.74	0.00	125.81	376.17	29.89	88.2	177.99	245.81	116283.41
221.6		13.64	135.45	1.36	9.89	13.87	15.00	3.42	11.69	0.00	3.47	12.10	5.80	69.21	1.57	99.49	153.64	0.00	132897.72
221.7		11.84	71.40	2.44	0.00	21.03	16.93	1.52	15.79	6.86	0.00	0.00	0.00	118.30	10.10	25.07	409.56	0.00	79573.08
221.7		11.24	30.96	3.59	0.00	0.00	-1.72	0.00	0.00	14.65	0.00	0.00	17.07	95.76	0.00	0	479.68	245.23	79006.97
221.8		15.42	264.68	3.04	0.00	94.70	-4.76	3.86	120.97	71.38	4.09	32.58	54.78	119.01	28.64	219.5	3.93	47.26	165518.11
222.2		16.38	0.00	0.00	0.00	0.00	4.99	0.00	0.00	0.00	0.00	0.00	0.00	131.35	0.00	0	131.03	946.23	22617.29
222.7		10.15	0.00	0.00	0.00	0.00	7.17	0.00	0.00	22.50	1.78	17.74	20.17	465.76	0.00	0	187.26	1283.47	19647.50
222.8		10.91	0.00	0.00	0.00	0.00	11.24	0.00	0.00	6.93	2.29	15.05	45.67	545.53	0.00	0	255.28	464.94	56755.06

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
223.2		4.08	0.00	18.09	0.00	0.00	4.72	1.12	0.00	9.83	6.16	0.00	9.76	80.48	0.00	27.49	175.8	800.85	88269.07
224.0		19.96	6.96	3.56	3.40	0.00	3.37	3.22	0.00	85.51	1.07	0.00	24.70	34.96	0.00	0	0	727.25	33910.68
224.0		25.93	37.34	4.16	0.00	0.00	13.01	6.47	127.12	184.92	0.00	0.00	26.43	53.66	0.00	0	0	1147.71	13405.45
224.1		11.65	24.65	0.00	7.20	0.00	17.02	0.00	0.00	13.95	1.43	0.00	33.18	44.60	0.00	144.35	0	0.00	4634.54
224.5		11.85	61.02	0.00	23.89	0.00	8.76	3.46	0.00	36.87	0.00	0.00	34.82	52.18	0.00	152.1	0	0.00	6450.99
224.5		18.35	107.79	0.00	20.26	0.00	9.50	2.86	50.90	0.00	0.00	0.00	24.02	45.93	0.00	168.24	96.65	303.93	4833.27
224.5		12.84	39.51	0.00	22.66	0.00	18.05	2.01	0.00	30.29	3.61	0.00	25.29	65.37	0.00	112.06	0	324.98	6323.92
224.6		16.90	0.00	0.00	0.00	0.00	4.78	0.00	0.00	0.00	2.73	0.00	22.38	109.70	0.00	0	242.97	471.19	29446.46
224.9		11.02	0.00	2.89	0.00	0.00	3.93	0.00	0.00	20.23	0.00	0.00	34.94	84.15	0.00	0	0	540.15	43477.72
225.1		10.92	22.73	0.00	23.43	0.00	9.61	3.08	0.00	12.99	0.00	0.00	0.00	41.74	0.00	0	104.68	0.00	9953.32
225.6		12.08	4.27	0.00	13.00	0.00	16.17	0.00	0.00	13.02	0.00	0.00	44.68	106.34	0.00	105.37	134.66	2399.87	45382.58
225.9		17.19	122.73	14.99	0.00	15.99	17.09	0.00	38.92	189.53	0.00	13.67	34.65	39.40	0.00	74.99	456.09	2091.02	72004.04
226.3		13.03	0.00	6.49	0.00	0.00	15.55	0.00	0.00	18.68	0.00	0.00	30.16	53.96	0.00	0	195.87	1641.78	33022.21
226.8		11.65	0.00	0.00	2.61	0.00	-2.21	0.00	0.00	0.00	0.00	0.00	17.52	101.22	0.00	0	268.92	1408.36	42530.80
227.2		11.04	0.00	0.00	4.85	0.00	0.97	1.92	0.00	0.00	0.00	0.00	0.00	122.76	0.00	0	110.75	1083.72	53697.34
227.7		9.68	0.00	0.00	9.69	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	34.45	151.04	0.00	119.5	0	1318.15	37514.61
228.1		10.31	0.00	2.88	0.00	0.00	9.71	0.00	0.00	0.00	0.00	0.00	47.00	276.11	0.00	105.94	0	1168.86	64227.50
228.3		9.16	0.00	2.38	0.00	0.00	1.91	2.38	0.00	0.00	5.69	0.00	56.69	271.30	0.00	99.66	140.76	1092.31	86450.23
228.3		16.49	16.11	2.32	5.60	0.00	12.22	0.00	0.00	0.00	9.19	0.00	82.48	154.26	0.00	155.58	0	1798.92	77091.00
228.4		12.30	0.00	0.00	0.00	0.00	-3.29	2.34	0.00	0.00	0.00	0.00	35.18	157.73	0.00	102.1	0	1671.59	85603.34
228.5		12.74	0.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00	0.00	0.00	35.14	139.55	0.00	0	0	1164.66	62684.36
228.8		14.08	16.96	0.00	0.00	0.00	5.72	0.00	0.00	0.00	0.00	0.00	28.72	231.39	0.00	140.49	0	520.61	97317.09
229.2		5.91	85.44	0.00	3.60	3.10	7.14	5.95	20.73	0.00	4.11	0.00	54.80	315.73	0.00	72.84	0	1604.12	144645.09
229.5		10.47	0.00	4.69	3.46	0.00	-1.18	0.00	0.00	0.00	0.00	0.00	28.41	235.64	0.00	106.36	0	1123.91	91875.27
229.5		7.75	178.72	0.00	2.94	16.45	16.56	4.87	0.00	19.09	0.00	3.80	63.96	358.98	0.00	110.8	1025.72	3124.04	183514.70
229.8		5.32	27.29	5.89	0.00	0.00	-0.79	0.00	0.00	0.00	0.00	0.00	0.00	135.59	0.00	52.46	329.52	0.00	92851.14
229.8		8.62	53.97	1.36	19.44	5.73	15.72	0.00	0.00	0.00	1.82	0.00	0.00	134.84	3.84	98.71	293.26	745.18	98037.88
230.1		11.35	3.62	43.16	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	40.20	102.21	0.00	132.36	0	500.41	65997.96
230.4		12.01	27.96	40.11	9.58	16.87	-0.66	1.81	0.00	0.00	0.00	0.00	55.74	336.31	0.00	127.41	125.64	1069.71	115087.55
230.7		17.45	0.00	146.24	17.86	0.00	12.63	0.00	0.00	0.00	0.00	0.00	0.00	107.59	0.00	113.54	97.39	273.83	39737.26
231.0		11.47	42.63	6.10	4.29	11.64	0.33	1.02	0.00	0.00	0.00	0.00	26.77	285.34	7.99	142.42	0	1017.69	132965.56
231.4		12.27	0.00	0.00	0.00	0.00	11.55	0.00	0.00	0.00	0.00	0.00	21.28	80.39	0.00	104.48	0	1184.39	75856.79
231.7		12.21	0.00	45.22	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	65.11	62.56	0.00	88.23	54.21	1005.20	62594.47
232.0		14.93	20.73	28.20	0.00	0.00	22.13	0.00	0.00	0.00	0.00	0.00	19.28	168.00	11.75	143.59	0	1293.74	116840.13
232.0		9.42	57.47	17.09	0.00	13.83	9.00	0.00	15.41	0.00	0.00	0.00	29.36	146.71	21.14	145.9	0	1312.91	115267.50
232.3		2.11	75.46	0.00	0.00	30.17	9.52	0.00	20.50	0.00	0.00	0.00	0.00	183.25	29.00	65.16	0	968.97	130063.31
232.6		13.80	0.00	0.00	0.00	0.00	2.71	0.00	0.00	20.55	0.00	0.00	24.32	102.02	0.00	90.49	74.6	1602.97	79278.30
232.8		12.27	0.00	0.00	6.06	4.57	4.32	0.00	0.00	0.00	0.00	0.00	22.24	301.08	0.00	112.06	0	1074.49	123502.88
232.8		10.29	6.86	0.00	0.00	0.00	11.89	0.00	0.00	0.00	0.00	0.00	40.64	252.87	0.00	0	0	859.85	119798.55
233.0		25.02	79.96	0.00	16.36	11.33	8.58	0.00	6.89	0.00	0.00	0.00	10.46	344.21	0.00	125.46	0	435.05	133783.95
233.2		6.76	126.97	0.00	7.94	29.21	11.61	0.00	2.09	20.31	0.00	0.00	22.13	318.72	0.00	118.62	0	2428.16	139036.02

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Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
233.5		9.09	0.00	0.00	3.55	0.00	-3.18	0.00	0.00	0.00	2.12	0.00	21.77	487.75	0.00	114.33	0	1241.36	102179.95
233.5		12.87	0.00	0.00	0.00	0.00	-3.37	1.44	0.00	0.00	0.00	0.00	25.60	490.18	0.00	108.3	0	1497.63	94069.69
233.8		12.17	5.57	0.00	17.92	0.00	6.96	4.50	0.00	0.00	0.00	0.00	50.33	329.54	0.00	159.52	0	946.71	99142.45
234.1		10.41	8.06	5.66	19.40	0.00	3.88	0.00	0.00	0.00	0.00	0.00	0.00	194.53	4.52	99.32	0	437.77	68311.25
235.3		6.91	0.00	0.00	6.96	0.00	8.32	0.00	0.00	0.00	0.00	0.00	2.15	84.14	0.00	6.4	0	1987.62	78107.68
235.8		5.44	15.03	2.99	3.57	0.00	8.60	0.00	0.00	0.00	1.68	0.00	74.75	116.41	0.00	0	0	741.99	77363.52
236.1		14.65	15.11	6.89	1.05	0.00	13.45	0.00	0.00	0.00	2.05	0.00	34.54	103.16	0.00	106.5	254.68	618.53	57553.32
236.6		11.31	0.00	0.00	0.00	0.00	9.34	0.00	0.00	0.00	0.00	0.00	14.21	179.80	0.00	114.68	0	567.81	117876.30
236.6		12.27	107.42	2.52	28.24	25.46	10.42	0.00	60.99	31.78	0.00	0.00	20.07	120.53	35.79	51.04	0	1600.53	85686.41
236.6		7.58	77.41	0.00	1.29	50.58	4.18	3.11	23.19	0.00	0.00	0.00	5.60	252.55	12.67	61.71	0	1563.73	128650.41
236.8		20.59	47.97	2.93	8.66	0.00	6.56	0.00	0.00	0.00	0.00	0.00	0.00	191.24	13.11	116.52	0	571.89	91663.30
237.1		6.89	151.77	0.00	49.44	34.85	2.96	0.00	50.39	0.00	0.00	2.18	21.71	251.31	26.25	125.9	0	450.37	187346.17
237.1		2.35	159.86	0.00	21.29	69.68	9.72	0.00	69.62	48.49	0.00	1.18	34.23	504.55	18.85	92.4	28.47	1461.19	186819.94
237.4		1.62	80.88	3.15	0.00	10.59	5.48	0.00	0.00	10.60	0.00	0.00	0.00	347.83	2.87	95.03	0	808.52	112705.93
237.4		5.15	60.68	0.00	22.38	0.00	-3.27	0.00	0.00	0.00	0.00	0.00	19.10	269.57	0.00	26.41	21.81	1175.75	97504.76
237.7		11.78	178.07	10.84	0.00	45.61	13.59	0.00	101.54	41.24	0.00	0.00	18.42	137.90	4.25	93.04	0	915.50	97053.55
237.7		3.04	182.71	0.00	5.83	14.90	10.35	0.00	15.66	11.03	3.71	0.00	18.47	185.21	10.36	145.92	0	441.98	76958.07
238.0		12.82	38.96	11.61	2.22	0.00	13.96	0.00	0.00	0.00	0.00	0.00	18.46	158.41	0.00	127.69	0	720.23	39449.36
238.0		12.53	46.87	16.66	0.00	0.00	6.70	0.00	11.55	41.18	0.00	0.00	31.51	53.12	0.00	143.58	0	322.82	40499.72
238.4		8.52	19.94	0.00	13.52	0.00	7.25	2.03	1.97	0.00	0.00	0.00	63.96	208.68	0.00	0	369.54	714.96	77034.88
238.4		10.67	33.78	3.24	0.00	0.00	13.42	0.00	0.00	0.00	1.02	0.00	67.16	187.87	0.00	101.78	0	1786.94	95856.54
238.6		15.36	0.00	2.31	0.00	0.00	4.63	0.00	0.00	0.00	3.14	0.00	21.36	47.81	0.00	0	0	1392.19	41059.65
238.8		11.43	0.00	15.13	0.00	0.00	8.72	0.00	0.00	0.00	0.00	0.00	0.00	47.83	0.00	105.66	0	653.90	29020.35
239.0		6.83	127.46	17.38	15.32	3.46	2.57	1.15	31.06	34.73	1.70	0.00	5.98	274.48	8.47	123.76	0	1981.16	129237.12
239.0		2.86	138.51	7.05	16.24	32.53	5.25	0.00	41.65	76.10	0.00	0.00	30.10	214.12	7.67	107.09	193.33	2055.61	122491.39
239.0		13.03	15.67	0.00	3.48	7.62	4.75	0.00	0.00	0.00	0.00	0.00	17.95	779.42	0.00	15.05	0	653.55	142534.97
239.6		3.72	167.15	0.00	11.80	15.90	10.44	3.22	27.13	33.97	1.31	17.73	22.44	625.33	17.04	83.67	399.06	679.08	209359.20
239.9		1.84	3.30	2.45	0.00	0.00	6.51	0.00	0.00	0.00	2.54	0.00	10.97	590.11	0.00	119.99	0	1287.47	89103.84
240.2		9.56	85.78	0.00	8.90	21.34	9.41	0.00	0.00	7.88	0.00	0.00	80.51	475.89	0.00	94.11	0	593.51	123080.31
240.6		17.28	13.31	0.00	7.24	0.00	3.29	2.01	0.00	0.00	0.00	0.00	0.00	376.29	0.00	157.95	0	1115.23	158221.67
240.6		16.11	0.00	0.00	17.96	0.00	-1.42	0.00	0.00	0.00	0.00	0.00	12.43	317.22	0.00	138.33	0	1175.59	143915.20
240.8		15.44	74.30	0.00	1.48	18.46	3.30	0.00	32.11	62.23	0.00	0.00	44.52	368.71	9.15	180.6	0	907.34	182839.06
240.8		15.26	68.18	0.00	0.00	0.00	-4.65	0.00	0.00	0.00	0.00	0.00	13.90	365.05	0.00	137.33	0	782.58	178869.11
241.2		9.14	23.17	2.24	8.16	0.00	2.74	0.00	0.00	0.00	1.47	0.00	1837.69	918.80	0.00	37.66	0	1522.51	105342.96
241.4		15.14	87.03	0.00	6.91	0.00	3.85	1.14	0.00	0.00	0.00	0.00	62.19	191.07	8.81	98.42	382.58	609.98	93698.75
241.7		21.80	153.77	0.00	21.94	48.98	3.09	0.00	53.56	0.00	0.00	0.00	29.96	226.03	20.79	73.39	236.34	164.34	151804.98
241.7		3.87	159.13	2.04	10.64	45.20	5.58	4.89	56.91	49.28	0.00	0.00	34.84	179.03	6.59	111.51	503.78	1104.01	137447.34
242.0		7.94	65.50	0.00	2.80	0.00	4.54	0.00	2.83	24.27	0.00	0.00	0.00	228.54	4.46	134.95	0	2068.37	115782.84
242.1		12.22	8.18	0.00	7.98	0.00	5.02	0.00	0.00	0.00	0.00	0.00	27.49	125.10	0.00	126.47	0	1168.75	108163.56
242.3		10.77	9.82	0.00	6.66	0.00	6.51	0.00	0.00	0.00	0.00	0.00	17.42	108.12	0.00	135.66	119.02	743.67	78536.58
242.5		13.24	0.00	0.00	12.74	0.00	5.52	0.00	0.00	0.00	3.25	0.00	22.85	47.89	3.78	114.12	63.21	1688.33	41127.75

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
242.9		12.36	0.00	0.00	3.29	0.00	2.85	0.00	0.00	0.00	0.00	0.00	33.73	97.12	0.00	93.74	0	1291.99	51551.42
243.2		10.55	39.74	3.49	10.32	8.73	1.90	0.00	0.00	0.00	0.00	0.00	38.51	204.08	2.42	139.5	0	498.58	136749.73
243.2		10.56	0.00	0.00	14.89	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	208.68	0.00	146.18	0	451.93	157419.00
243.3		10.72	0.00	0.00	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	133.85	30.81	0.00	0	0	0.00	44232.88
243.8		5.13	68.29	0.00	15.66	0.00	1.60	0.00	0.00	0.00	0.00	0.00	40.61	111.45	0.00	47.48	468.94	490.45	73861.21
244.1		13.01	0.00	0.00	5.85	0.00	3.32	0.00	0.00	0.00	0.00	0.00	42.57	76.93	0.00	102.66	0	360.76	73568.25
244.1		20.76	13.86	0.00	9.17	0.00	9.22	0.00	0.00	0.00	0.00	0.00	16.90	111.01	0.00	0	228.51	393.37	76560.38
244.4		8.96	0.00	0.00	3.68	0.00	14.12	0.00	0.00	0.00	0.00	0.00	29.34	138.88	0.00	139.92	0	1294.57	59358.59
244.8		9.95	0.00	0.00	11.09	0.00	3.79	0.00	0.00	0.00	0.00	0.00	18.85	67.26	0.00	0	0	1559.18	56077.66
245.1		9.20	43.75	3.23	7.82	0.00	6.66	0.00	7.47	0.00	0.00	0.00	38.17	73.92	4.25	132.24	242.82	628.86	42709.66
245.2		5.56	73.99	9.20	9.84	0.00	-0.79	4.79	0.00	0.00	0.00	0.00	48.79	220.27	4.30	46.32	876.08	1397.75	114235.17
245.4		12.97	32.29	0.00	0.00	0.00	5.82	0.00	0.00	0.00	0.00	0.00	26.78	139.00	0.00	147.61	0	1779.75	81731.32
245.6		12.05	141.98	7.23	7.18	13.43	-0.67	0.00	23.64	14.18	0.00	0.00	71.48	283.05	0.00	127.14	71.57	1629.15	164970.42
245.6		4.56	83.97	4.67	0.00	48.86	15.87	0.00	0.00	0.00	0.00	0.00	24.55	183.82	0.00	107.23	0	1485.58	131923.08
245.9		7.96	32.56	0.00	24.44	15.99	11.68	0.00	11.21	0.00	0.00	0.00	31.34	352.38	0.00	185.69	211.34	766.51	119355.20
246.0		3.59	38.67	0.00	7.19	8.69	12.68	2.20	31.55	0.00	0.00	0.00	0.00	689.23	0.00	104.02	596.99	1685.59	94178.49
246.0		14.63	83.68	0.00	10.63	13.37	4.04	2.89	42.28	0.00	0.00	0.00	26.79	393.47	9.45	137.75	310.57	2422.90	117044.73
246.3		11.64	26.60	0.00	0.00	8.83	-4.90	0.00	0.00	0.00	0.00	0.00	21.63	174.90	0.00	97.76	0	651.52	111727.24
246.4		9.21	0.00	4.14	14.82	0.00	7.89	0.00	0.00	0.00	0.00	0.00	0.00	39.94	1.00	94.96	174.26	356.16	26227.64
246.9		10.25	0.00	0.00	7.53	0.00	4.87	0.00	0.00	0.00	0.00	0.00	26.16	191.55	0.00	0	49.55	934.97	70392.61
246.9		11.42	0.00	0.00	13.37	0.00	-1.76	0.00	0.00	0.00	0.00	0.00	48.52	46.72	0.00	0	0	1957.19	56126.16
247.3		10.87	0.00	0.00	0.00	0.00	5.21	0.00	0.00	0.00	0.00	0.00	23.51	124.02	0.00	0	0	1347.10	67768.30
247.2		11.64	3.50	1.64	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	185.29	0.00	88.82	0	673.39	107794.56
247.5		1.37	29.62	1.43	3.37	0.00	21.80	0.00	0.00	26.20	0.00	0.00	32.63	177.37	0.00	12.14	234.79	834.84	82392.80
247.5		9.17	0.00	3.88	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	17.53	218.76	0.00	100.18	65.32	588.81	73466.56
249.30	5649	0.00	0.00	1.44	0.00	0.00	7.39	0.00	0.00	0.00	0.00	0.00	16.68	140.06	0.00	98.15	0.00	1458.91	66749.95
249.30	5650	0.00	0.00	0.00	0.00	0.00	-5.14	0.00	0.00	13.21	3.39	0.00	39.47	145.08	0.00	0.00	9.14	947.74	64813.79
249.30	5651	0.00	0.00	0.00	2.66	0.00	3.69	0.00	0.00	18.71	0.00	0.00	25.14	197.51	0.00	0.00	54.05	1009.55	80533.54
249.30	5652	0.00	0.00	0.00	4.49	0.00	10.16	0.00	0.00	19.01	0.00	0.00	0.00	168.69	0.00	106.69	0.00	1324.08	73455.56
249.30	5653	0.00	0.00	0.00	15.73	0.00	7.72	0.00	0.00	5.71	0.00	0.00	0.00	107.53	2.38	0.00	0.00	1952.65	74373.02
249.30	5654	0.00	0.00	0.00	0.00	0.00	7.33	5.55	0.00	0.00	0.00	0.00	87.81	72.89	0.00	109.71	0.00	821.50	97600.95
249.30	5655	0.00	0.00	0.00	5.86	0.00	10.61	0.00	0.00	29.65	2.86	0.00	27.52	80.50	0.00	0.00	80.59	1488.60	38397.89
249.30	5656	8.83	0.00	0.00	0.00	0.00	-5.28	0.00	0.00	0.00	0.00	0.00	11.47	116.21	0.00	88.46	0.00	1318.44	56480.73
249.60	5657	0.00	0.00	0.00	0.00	0.00	13.46	0.00	0.00	2.29	0.00	0.00	0.00	126.75	0.00	0.00	111.68	1181.57	49080.08
249.60	5658	0.00	0.00	3.03	0.00	0.00	5.65	0.00	0.00	0.00	0.00	0.00	44.95	78.57	0.00	112.76	0.00	1102.89	49929.83
249.60	5659	8.39	0.00	0.00	0.00	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	49.57	0.00	0.00	115.31	721.60	39610.02
250.00	5660	0.00	0.00	0.00	20.81	0.00	8.72	2.80	0.00	0.00	0.00	0.00	38.97	183.12	0.00	106.31	26.03	1251.06	66248.52
250.00	5661	0.00	0.00	0.00	1.12	0.00	14.56	0.00	0.00	0.00	0.00	0.00	94.92	97.70	0.00	107.79	153.05	1407.74	45858.84
250.00	5662	13.69	0.00	4.36	0.00	0.00	7.58	0.00	0.00	0.00	0.00	0.00	13.34	164.66	0.00	126.56	100.04	2363.42	71449.20
250.35	5663	0.00	0.00	0.00	6.75	0.00	6.24	0.00	0.00	12.69	0.00	0.00	43.08	137.94	0.00	108.61	0.00	2493.73	88479.09
250.35	5664	0.00	62.03	0.00	0.00	0.00	21.25	3.78	0.00	61.80	1.13	0.00	74.87	135.35	9.80	75.05	0.00	5114.31	111248.62

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
250.35	5665	0.00	8.06	2.34	0.00	0.00	3.38	0.00	0.00	0.00	0.00	0.00	30.73	125.24	0.00	96.51	0.00	1621.99	63423.47
250.35	5666	0.00	88.79	5.48	0.00	0.00	8.69	1.06	0.00	50.50	1.47	0.00	48.69	206.90	0.00	82.01	65.94	2755.47	120426.91
250.35	5667	0.00	0.00	0.00	0.00	0.00	7.52	2.15	0.00	3.69	0.00	0.00	184.23	130.27	0.00	113.11	0.00	1375.16	66126.96
250.35	5668	10.86	18.08	0.00	0.00	0.00	0.92	2.82	1.10	0.00	0.00	0.00	83.85	132.06	0.00	137.83	0.00	1425.80	89554.02
250.55	5669	0.00	79.45	3.21	0.00	0.00	-0.94	1.33	0.00	23.60	5.24	0.00	38.69	222.98	16.46	134.47	256.59	3882.79	108178.40
250.55	5670	8.25	0.00	0.00	1.38	0.00	10.21	0.00	0.00	0.00	2.38	0.00	12.72	82.95	0.00	126.62	0.00	3590.09	53914.13
250.85	5671	0.00	0.00	0.00	0.00	0.00	4.40	2.43	0.00	6.45	0.00	0.00	20.32	132.38	0.00	102.37	0.00	1105.63	28102.96
250.85	5672	0.00	0.00	0.00	0.00	0.00	3.71	1.45	0.00	0.00	0.00	0.00	0.00	131.00	3.47	0.00	44.09	1154.09	24033.90
250.85	5673	0.00	5.42	2.55	0.00	0.00	4.97	0.00	0.00	16.48	0.00	0.00	29.67	182.47	0.00	127.38	0.00	1242.08	58266.27
250.85	5674	10.15	9.80	0.00	6.78	0.00	3.11	0.00	0.00	55.12	0.00	0.00	14.48	113.88	0.00	88.95	49.02	1421.07	73258.32
251.05	5675	0.00	258.43	0.00	0.00	3.48	-2.40	3.79	40.12	199.63	1.93	45.87	85.50	78.11	0.00	50.13	302.34	1313.33	230598.66
251.05	5676	3.67	47.47	1.36	0.00	0.00	14.00	0.00	0.00	86.05	1.64	5.05	29.44	105.67	0.00	32.17	39.40	1919.01	122855.10
251.40	5677	0.00	0.00	0.00	3.55	0.00	-2.17	0.00	0.00	0.00	0.00	0.00	12.40	101.50	1.55	0.00	121.10	1440.46	13523.67
251.40	5678	0.00	0.00	0.00	0.00	0.00	3.23	0.00	0.00	32.75	0.00	0.00	0.00	108.52	0.00	0.00	85.79	750.54	20599.74
251.40	5679	0.00	0.00	0.00	2.27	0.00	11.12	0.00	0.00	0.00	0.00	0.00	11.84	263.29	0.00	0.00	0.00	1445.16	25654.61
251.40	5680	0.00	0.00	0.00	0.00	0.00	11.16	0.00	0.00	81.33	0.00	0.00	0.00	54.49	0.00	0.00	0.00	520.37	12089.81
251.40	5681	11.04	0.00	1.29	0.00	0.00	5.60	0.00	0.00	0.00	0.00	0.00	0.00	321.73	0.00	0.00	0.00	1601.51	26125.05
251.75	5682	0.00	0.00	0.00	0.00	0.00	0.51	2.57	0.00	52.59	0.00	0.00	20.31	415.81	0.00	0.00	256.04	1289.22	71657.35
251.75	5683	3.89	11.49	0.00	0.00	0.00	5.99	2.79	0.00	0.00	2.57	0.00	15.06	220.41	0.00	52.47	61.94	1506.76	103654.38
252.05	5684	13.85	73.39	0.00	40.24	0.00	11.02	1.56	0.00	39.17	0.00	0.00	23.13	196.52	0.00	173.37	0.00	279.99	144783.41
252.35	5685	11.20	5.47	1.34	0.00	0.00	4.11	0.00	0.00	0.00	0.00	0.00	13.18	83.89	0.00	103.63	255.02	1474.63	43520.79
252.65	5686	0.00	8.66	0.00	25.99	0.00	-5.15	4.55	0.00	29.31	0.00	0.00	19.14	100.93	0.00	120.23	0.00	1141.30	66356.72
252.65	5687	10.45	19.10	2.96	0.00	0.00	15.80	0.00	0.00	0.00	0.00	0.00	0.00	117.91	0.00	99.48	0.00	1465.36	66710.29
252.95	5688	17.13	39.61	2.08	0.00	0.00	8.55	0.00	0.00	0.00	0.00	0.00	32.10	214.31	15.96	174.97	0.00	3413.14	69982.59
253.20	5689	0.00	1.56	0.00	0.00	0.00	3.75	0.00	0.00	0.00	0.00	19.07	27.83	133.51	0.00	92.60	0.00	3525.75	35772.97
253.20	5690	0.00	0.00	0.00	0.00	0.00	6.92	0.00	0.00	11.77	0.00	0.00	0.00	211.14	0.00	0.00	0.00	840.88	11424.64
253.20	5691	0.00	0.00	0.00	11.98	0.00	6.02	3.59	0.00	0.00	0.00	0.00	0.00	294.66	0.00	102.04	0.00	1294.21	23231.19
253.20	5692	0.00	0.00	0.00	0.00	0.00	3.76	1.50	0.00	37.37	0.00	0.00	16.84	81.26	0.00	0.00	0.00	1319.89	15054.38
253.20	5693	0.00	0.00	0.00	5.38	0.00	4.78	1.77	0.00	16.95	3.08	0.00	18.53	19.14	0.00	0.00	0.00	0.00	9636.88
253.20	5694	0.00	0.00	0.00	8.01	0.00	6.77	0.00	0.00	0.00	4.50	0.00	18.61	77.35	0.00	0.00	120.73	1992.40	15906.69
253.20	5695	0.00	0.00	0.00	28.42	0.00	-1.06	0.00	0.00	27.87	0.00	0.00	0.00	178.88	0.00	0.00	0.00	1370.07	8010.97
253.20	5696	11.17	0.00	0.00	0.00	0.00	2.28	0.00	0.00	21.09	0.00	0.00	14.34	48.25	0.00	96.16	0.00	1638.92	47405.54
253.50	5697	0.00	0.00	5.46	0.00	0.00	5.68	1.96	0.00	71.20	1.30	31.67	0.00	46.64	0.00	57.14	136.13	653.68	101071.21
253.50	5698	0.00	19.05	7.85	0.00	0.00	4.68	0.00	0.00	91.40	2.15	47.60	6.17	54.53	0.00	22.44	115.16	696.70	138437.72
253.50	5699	0.00	0.00	0.00	6.98	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	18.57	0.00	0.00	101.76	60.64	13959.59
253.50	5700	0.00	0.00	3.56	0.00	0.00	7.38	1.20	0.00	72.78	0.00	12.23	29.67	41.19	0.00	22.83	62.86	130.57	101887.07
253.50	5701	5.68	474.70	0.00	0.00	21.39	10.58	12.27	103.06	131.30	0.00	1166.97	52.93	327.44	0.00	282.76	0.00	1040.90	335626.56
253.80	5702	0.00	0.00	0.00	4.04	0.00	1.67	0.00	0.00	17.46	2.37	0.00	17.34	86.15	0.00	0.00	28.47	1439.47	14995.38
253.80	5703	9.46	0.00	0.00	0.00	0.00	11.30	0.00	0.00	20.89	0.00	0.00	20.11	99.05	0.00	107.17	12.36	1392.84	19494.28
254.10	5704	0.00	0.00	0.00	0.00	0.00	9.47	0.00	0.00	3.24	2.64	0.00	62.77	197.38	0.00	0.00	137.78	1181.43	63849.34
254.10	5705	11.47	0.00	2.74	0.00	0.00	-4.52	0.00	0.00	0.00	1.63	0.00	64.97	229.53	0.00	0.00	87.74	1212.76	66167.74

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
254.40	5706	0.00	25.59	1.04	0.00	0.00	-8.90	0.00	0.00	74.55	0.00	0.00	41.41	245.65	6.05	100.58	9.76	1063.37	73392.53
254.40	5707	0.00	32.64	0.00	0.00	0.00	22.56	4.09	3.24	0.00	0.00	0.00	178.14	271.15	0.00	55.64	168.94	2272.18	87918.27
254.40	5708	0.00	0.00	0.00	0.00	0.00	6.78	3.68	0.00	20.23	0.00	0.00	37.79	154.99	0.00	0.00	0.00	1388.92	49797.73
254.40	5709	0.00	29.90	0.00	5.80	0.00	0.48	3.93	0.00	60.78	2.83	0.00	30.97	304.76	0.00	141.18	0.00	1326.70	77327.06
254.40	5710	13.58	13.90	0.00	11.86	0.00	5.95	0.00	0.00	0.00	3.26	0.00	74.09	321.77	0.00	89.04	151.27	1650.69	76605.33
254.70	5711	12.17	68.92	0.00	2.45	0.00	13.45	0.00	12.44	0.00	0.00	0.00	379.19	199.71	16.35	147.62	41.96	3617.76	77935.23
255.00	5712	12.04	0.00	0.00	5.55	0.00	2.92	1.98	0.00	0.00	0.00	0.00	24.56	99.66	0.00	0.00	206.79	1536.77	41653.80
255.30	5713	10.10	0.00	2.26	0.00	0.00	-3.72	0.00	0.00	0.00	3.60	0.00	25.82	169.86	0.00	0.00	191.27	999.34	64239.54
255.60	5714	0.00	0.00	1.36	0.00	0.00	3.25	2.58	0.00	14.27	0.00	0.00	16.54	143.31	0.00	0.00	0.00	1456.94	28271.28
255.60	5715	0.00	0.00	5.54	0.00	0.00	-2.39	0.00	0.00	23.17	0.00	0.00	43.09	264.27	0.00	0.00	157.19	1349.04	43000.34
255.60	5716	0.00	0.00	2.27	0.00	0.00	13.73	1.92	0.00	11.92	0.00	0.00	32.09	294.65	0.00	134.28	0.00	1885.77	63837.04
255.60	5717	0.00	0.00	0.00	0.00	0.00	-1.39	0.00	0.00	26.90	0.00	0.00	0.00	197.20	0.00	0.00	0.00	749.79	29256.38
255.60	5718	0.00	5.66	0.00	3.79	0.00	0.38	0.00	0.00	11.22	1.12	0.00	0.00	271.89	0.00	93.59	135.85	1825.07	49537.62
255.65	5719	10.18	0.00	0.00	0.00	0.00	4.75	3.21	0.00	0.00	2.75	0.00	29.14	200.13	0.00	92.97	245.81	1776.15	48772.66
255.95	5720	0.00	0.00	0.00	12.98	0.00	4.47	0.00	0.00	13.23	0.00	0.00	25.21	188.19	0.00	105.07	0.00	2576.72	36906.31
255.95	5721	0.00	0.00	0.00	16.06	0.00	7.46	0.00	0.00	23.70	0.00	0.00	0.00	205.19	0.00	0.00	109.34	1680.64	35633.84
255.95	5722	0.00	0.00	0.00	2.43	0.00	6.77	0.00	0.00	11.35	0.00	0.00	25.32	273.05	0.00	98.43	0.00	880.53	35655.91
255.95	5723	17.47	0.00	1.32	0.00	0.00	2.98	1.98	0.00	0.00	0.00	0.00	33.92	198.88	0.00	131.03	0.00	1768.76	32226.01
256.25	5724	0.00	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	4.58	0.00	27.36	139.02	0.00	120.91	181.11	1361.63	38664.37
256.25	5725	0.00	0.00	0.00	4.73	0.00	-1.16	0.00	0.00	21.99	0.00	0.00	0.00	92.98	0.00	0.00	142.45	1360.84	30986.58
256.25	5726	0.00	0.00	0.00	18.00	0.00	9.83	3.02	0.00	13.75	0.00	0.00	0.00	172.11	0.00	162.21	88.96	1765.55	49231.26
256.25	5727	12.40	0.00	1.04	0.00	0.00	2.72	0.00	0.00	0.00	1.31	0.00	20.67	102.69	0.00	0.00	98.40	1689.48	34852.78
256.60	5728	0.00	0.00	0.00	2.52	0.00	2.49	0.00	0.00	0.00	0.00	0.00	21.05	92.01	0.00	118.64	0.00	1132.64	51203.79
256.60	5729	0.00	0.00	0.00	15.50	0.00	-0.07	1.55	0.00	0.00	0.00	0.00	27.28	85.47	0.00	0.00	320.39	1137.90	48844.33
256.60	5730	13.46	15.95	0.00	4.07	0.00	-2.66	1.02	0.00	0.00	0.00	0.00	179.22	88.43	0.00	127.39	33.97	1090.04	60139.38
256.90	5731	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	49.20	74.28	0.00	96.12	0.00	699.26	54902.97
256.90	5732	0.00	0.00	0.00	9.94	0.00	-7.62	0.00	0.00	42.47	0.00	0.00	149.74	66.83	0.00	132.56	0.00	1465.33	53108.49
256.90	5733	0.00	0.00	0.00	0.00	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	77.62	0.00	112.83	79.36	669.85	60220.13
256.90	5734	0.00	0.00	0.00	22.39	0.00	14.38	0.00	0.00	21.01	0.00	0.00	29.35	108.57	0.00	152.26	0.00	650.36	71414.04
256.90	5735	0.00	0.00	1.64	12.64	0.00	-4.38	1.04	0.00	22.03	0.00	0.00	12.30	113.63	0.00	92.49	0.00	958.79	77818.30
256.90	5736	0.00	0.00	0.00	2.70	0.00	5.72	1.48	0.00	0.00	0.00	0.00	11.10	75.33	0.00	121.01	0.00	1376.18	52069.65
256.90	5737	0.00	0.00	0.00	7.22	0.00	6.86	2.44	0.00	0.00	0.00	0.00	39.24	72.32	0.00	107.40	0.00	912.82	48831.85
256.90	5738	0.00	0.00	0.00	7.94	0.00	13.40	2.61	0.00	0.00	1.78	0.00	63.41	92.07	0.00	116.95	34.68	942.23	66667.53
256.90	5739	0.00	0.00	0.00	14.95	0.00	8.56	0.00	0.00	8.90	0.00	0.00	37.28	86.18	0.00	88.45	0.00	857.32	54506.91
256.90	5740	0.00	0.00	0.00	0.00	0.00	3.47	0.00	0.00	18.35	0.00	0.00	85.12	103.27	0.00	113.04	0.00	710.89	69273.76
256.90	5741	15.27	0.00	0.00	0.00	0.00	10.89	0.00	0.00	0.00	0.00	0.00	38.37	64.40	0.00	143.08	0.00	2038.04	46734.71
257.20	5742	10.04	15.71	4.21	3.12	0.00	-8.50	2.77	0.00	80.77	0.00	0.00	22.04	68.40	0.00	97.61	0.00	1145.97	71579.41
257.50	5743	0.00	29.29	5.32	0.00	0.00	4.45	0.00	0.00	77.92	0.00	0.00	420.90	214.04	0.00	78.84	0.00	2402.16	84921.36
257.50	5744	7.96	63.13	0.00	26.42	0.00	-1.65	8.75	0.00	0.00	0.00	10.32	1173.89	378.96	0.00	101.75	0.00	2578.56	149393.95
257.80	5745	0.00	0.00	0.00	0.00	0.00	4.22	2.59	0.00	0.00	0.00	0.00	172.25	108.03	0.00	129.34	0.00	1242.32	50566.58
257.80	5746	0.00	0.00	3.49	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	23.55	114.81	0.00	116.17	126.99	938.17	43328.73

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
257.80	5747	0.00	0.00	0.00	16.24	0.00	12.43	1.36	0.00	0.38	0.00	0.00	24.10	140.18	0.00	101.21	0.00	977.14	54818.75
257.80	5748	0.00	0.00	0.00	0.00	0.00	4.88	0.00	0.00	6.86	2.67	0.00	19.59	126.99	0.00	101.58	0.00	1158.46	59116.45
257.80	5749	0.00	0.00	0.00	16.96	0.00	-4.90	1.07	0.00	23.27	0.00	0.00	16.41	122.25	0.00	113.22	0.00	943.42	47336.36
257.80	5750	0.00	14.32	0.00	0.00	0.00	0.01	0.00	0.00	29.38	0.00	0.00	41.44	49.74	0.00	103.87	117.78	3144.54	25225.50
257.80	5751	0.00	0.00	1.29	8.44	0.00	8.83	2.18	0.00	0.00	0.00	0.00	23.80	111.48	0.00	92.13	94.49	1003.08	66331.76
257.80	5752	0.00	0.00	0.00	0.00	0.00	7.36	0.00	0.00	14.13	0.00	0.00	38.13	144.42	0.00	120.99	0.00	1315.21	80005.08
257.80	5753	0.00	0.00	0.00	12.46	0.00	4.09	0.00	0.00	33.22	0.00	0.00	35.10	105.67	0.00	114.39	0.00	1405.26	45260.86
257.80	5754	0.00	0.00	0.00	0.00	0.00	5.47	0.00	0.00	7.01	2.93	0.00	33.26	120.96	0.00	0.00	250.22	1319.62	51296.74
258.00	5755	0.00	0.00	2.19	0.00	0.00	7.40	0.00	0.00	0.00	0.00	0.00	17.46	161.63	0.00	137.47	0.00	1299.35	50981.63
258.00	5756	0.00	0.00	1.53	0.00	0.00	16.17	0.00	0.00	7.03	0.00	0.00	26.85	160.08	0.00	0.00	69.18	1363.49	65471.24
258.00	5757	0.00	0.00	0.00	12.85	0.00	18.88	3.71	0.00	0.00	0.00	0.00	21.83	170.07	0.00	113.02	0.00	1331.12	56624.01
258.00	5758	0.00	0.00	0.00	6.03	0.00	18.50	1.79	0.00	40.55	2.32	0.00	0.00	119.72	23.45	136.44	0.00	2186.35	43893.36
258.00	5759	10.46	0.00	0.00	2.17	0.00	7.77	0.00	0.00	19.91	0.00	0.00	20.11	135.66	0.00	95.05	0.00	1579.38	51643.70
258.30	5760	12.50	0.00	1.04	0.00	0.00	9.59	0.00	0.00	0.00	0.00	0.00	54.46	166.63	13.21	102.67	0.00	1394.06	52435.38
258.60	5761	12.45	0.00	0.00	0.00	0.00	-3.41	0.00	0.00	0.00	0.00	0.00	20.62	188.13	0.00	100.32	0.00	1342.04	72815.10
258.80	5762	0.00	0.00	0.00	0.00	0.00	14.36	0.00	0.00	0.00	0.00	0.00	32.61	69.72	0.00	0.00	132.08	1680.10	64460.45
258.80	5763	10.37	36.24	4.91	0.00	0.00	0.83	0.00	1.34	32.20	0.00	0.00	0.00	124.45	5.21	113.96	0.00	1506.46	74723.72
259.10	5764	0.00	0.00	0.00	9.77	0.00	5.15	0.00	0.00	0.00	4.90	0.00	79.82	109.45	0.00	124.89	182.61	1787.74	28730.38
259.10	5765	8.48	30.03	4.88	0.00	0.00	5.99	3.50	0.00	0.00	18.99	0.00	60.16	370.51	0.00	98.51	0.00	2699.32	122840.09
259.40	5766	0.00	0.00	0.00	0.00	0.00	-1.45	0.00	0.00	23.70	0.00	0.00	16.62	109.14	0.00	0.00	229.25	1065.16	41271.50
259.40	5767	10.11	0.00	0.00	0.00	0.00	-4.87	3.33	0.00	48.50	0.00	0.00	191.96	155.78	0.00	105.67	0.00	1202.44	58019.25
259.80	5768	0.00	65.17	0.00	3.43	0.00	8.52	3.03	0.00	34.72	1.25	0.00	69.37	166.25	9.67	97.64	191.71	1979.88	80749.11
259.80	5769	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	31.15	3.04	0.00	97.72	173.60	0.00	104.08	128.08	2070.75	73937.76
259.80	5770	0.00	19.46	0.00	0.00	0.00	10.02	0.00	0.00	24.50	0.00	0.00	73.30	185.38	0.00	0.00	243.04	1483.81	76496.26
259.80	5771	0.00	0.00	0.00	9.71	0.00	5.00	1.94	0.00	0.00	0.00	0.00	0.00	137.08	0.00	125.87	0.00	1888.65	61206.34
259.80	5772	0.00	1.39	2.57	0.00	0.00	-1.29	0.00	0.00	55.12	3.96	0.00	26.52	103.33	0.00	0.00	14.00	2427.84	59686.18
259.80	5773	17.14	2.92	3.70	0.00	0.00	15.48	1.49	0.00	0.00	0.00	0.00	28.74	152.36	0.00	0.00	0.00	1666.55	71009.35
260.20	5776	0.00	0.00	0.00	0.00	0.00	13.03	1.56	0.00	0.00	0.00	0.00	64.79	123.61	0.00	0.00	102.01	1855.28	62699.72
260.20	5777	0.00	1.72	0.00	11.43	0.00	4.37	1.13	0.00	23.36	0.00	0.00	44.52	127.54	0.00	107.11	0.00	1424.63	63649.06
260.20	5778	12.09	9.43	0.00	18.74	0.00	6.15	1.82	0.00	0.00	0.00	0.00	51.71	90.56	0.00	89.06	56.02	1741.17	80872.44
260.50	5779	0.00	0.00	0.00	0.00	0.00	4.59	0.00	0.00	0.00	0.00	0.00	45.55	161.18	0.00	0.00	227.50	1497.48	72588.63
260.50	5780	0.00	0.00	1.18	0.00	0.00	-1.61	0.00	0.00	0.00	2.43	0.00	15.63	145.69	0.00	0.00	94.71	2254.87	69019.42
260.50	5781	0.00	0.00	0.00	2.17	0.00	4.28	3.34	0.00	36.59	0.00	0.00	12.98	133.82	0.00	88.97	0.00	1375.89	74439.91
260.50	5782	11.62	0.00	0.00	20.41	0.00	7.00	0.00	0.00	0.00	0.00	0.00	21.27	126.04	0.00	119.14	0.00	2025.40	73341.66
260.80	5783	0.00	0.00	0.00	0.00	0.00	-0.88	7.36	0.00	0.00	0.00	0.00	0.00	101.22	0.00	98.30	23.37	1355.69	62987.87
260.80	5784	10.49	0.00	0.00	7.02	0.00	3.65	0.00	0.00	17.57	1.33	0.00	14.82	91.94	0.00	97.63	0.00	1393.85	62604.20
261.10	5785	12.42	0.00	0.00	2.00	0.00	0.95	0.00	0.00	0.00	2.39	0.00	234.35	100.61	0.00	0.00	0.00	1200.57	48161.91
261.40	5786	15.54	3.54	0.00	14.07	0.00	5.99	0.00	0.00	0.00	0.00	0.00	0.00	98.59	0.00	120.68	0.00	1449.91	66622.81
261.80	5787	0.00	7.12	0.00	0.00	0.00	-5.20	0.00	0.00	0.00	0.00	0.00	0.00	243.30	0.00	92.32	0.00	1962.64	71257.67
261.80	5788	0.00	0.00	0.00	0.00	0.00	3.41	1.27	0.00	0.00	0.00	0.00	18.28	285.71	0.00	99.65	0.00	1080.90	62421.43
261.80	5789	0.00	0.00	0.00	2.06	0.00	-1.17	0.00	0.00	0.00	1.34	0.00	0.00	269.73	0.00	98.93	0.00	1171.28	68563.58

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
261.80	5790	12.16	0.00	0.00	0.00	0.00	12.24	0.00	0.00	0.00	0.00	0.00	16.43	207.32	0.00	103.02	4.94	1260.32	64073.84
262.10	5791	0.00	0.00	0.00	4.92	0.00	9.39	2.76	0.00	3.95	0.00	0.00	21.73	255.85	0.00	0.00	0.00	1051.29	55767.29
262.10	5792	12.61	0.00	0.00	14.38	0.00	-1.44	0.00	0.00	10.45	0.00	0.00	77.23	278.26	0.00	113.00	15.69	1191.58	70178.53
262.40	5793	13.95	0.00	0.00	1.70	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	97.71	0.00	100.55	0.00	915.85	46884.32
262.70	5794	0.00	0.00	0.00	6.35	0.00	5.93	0.00	0.00	6.85	2.92	0.00	20.29	87.28	0.00	97.02	33.45	1956.57	71110.02
262.70	5795	12.49	0.00	0.00	0.00	0.00	-4.79	0.00	0.00	0.00	0.00	0.00	32.12	108.14	0.00	0.00	0.00	1470.82	80609.74
263.00	5796	9.19	0.00	0.00	0.00	0.00	6.03	0.00	0.00	0.00	1.33	0.00	17.10	170.43	0.00	117.70	0.00	1369.10	71220.72
263.30	5797	0.00	0.00	3.04	0.00	0.00	5.12	0.00	0.00	32.62	0.00	0.00	0.00	148.11	0.00	94.31	126.15	1522.37	61766.52
263.30	5798	0.00	0.00	1.70	0.00	0.00	14.61	1.91	0.00	36.49	0.00	0.00	13.08	67.57	0.00	98.56	114.93	1533.81	38302.24
263.30	5799	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	25.58	0.00	0.00	270.61	1993.86	31932.96
263.30	5800	12.45	5.93	0.00	23.00	0.00	6.16	0.00	0.00	0.00	1.03	0.00	17.54	98.75	0.00	0.00	142.70	1900.37	51919.00
263.60	5801	11.32	2.72	0.00	3.31	0.00	2.14	1.23	0.00	0.00	0.00	0.00	25.97	166.18	13.13	97.57	144.29	1252.46	61495.00
263.80	5802	0.00	0.00	0.00	0.00	0.00	15.98	1.31	0.00	0.00	0.00	0.00	0.00	186.99	0.00	128.63	0.00	1035.17	56630.04
263.80	5803	0.00	0.00	0.00	2.44	0.00	6.44	0.00	0.00	0.00	0.00	0.00	0.00	169.58	0.00	143.85	42.20	1754.57	55720.98
263.80	5804	0.00	0.00	0.00	0.00	0.00	6.69	3.10	0.00	19.60	0.00	0.00	27.71	146.44	0.00	100.59	0.00	2328.89	48007.84
263.80	5805	0.00	0.00	0.00	16.31	0.00	6.16	0.00	0.00	0.00	0.00	0.00	0.00	191.57	0.00	0.00	0.00	1498.73	57928.04
263.80	5806	0.00	0.00	4.35	0.00	0.00	11.40	0.00	0.00	0.00	0.00	0.00	19.40	156.48	0.00	91.07	109.51	1476.46	45688.93
263.80	5807	0.00	0.00	0.00	1.91	0.00	9.37	0.00	0.00	23.47	0.00	0.00	17.56	182.79	0.00	0.00	0.00	934.89	47345.30
263.80	5808	0.00	0.00	0.00	13.87	0.00	-10.47	0.00	0.00	0.00	0.00	0.00	0.00	194.81	0.00	148.49	115.49	1155.31	60466.20
263.80	5809	15.56	0.00	0.00	10.31	0.00	5.48	3.92	0.00	0.00	3.09	0.00	28.26	138.91	0.00	105.66	0.00	1486.71	53129.84
264.10	5810	0.00	0.00	26.63	5.94	0.00	2.45	0.00	0.00	5.85	0.00	0.00	28.53	45.82	0.00	139.34	0.00	1321.39	59714.16
264.10	5811	0.00	0.00	20.68	0.00	0.00	-5.11	0.00	0.00	0.00	3.27	0.00	31.25	17.23	0.00	99.25	0.00	1748.44	43176.80
264.10	5812	0.00	0.00	2.33	0.00	0.00	5.31	0.00	0.00	8.73	0.00	0.00	28.48	27.73	0.00	99.34	0.00	2843.45	108332.73
264.10	5813	0.00	0.00	10.98	8.96	0.00	6.39	0.00	0.00	3.75	0.00	0.00	125.05	52.69	0.00	0.00	0.00	1808.88	36468.99
264.10	5814	0.00	0.00	3.60	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	59.44	123.40	0.00	110.85	0.00	1387.00	52566.92
264.10	5815	12.16	0.00	6.51	0.00	0.00	8.27	0.00	0.00	0.00	2.14	0.00	28.04	68.00	0.00	0.00	0.00	1163.25	37971.43
264.30	5816	0.00	0.00	3.47	0.00	0.00	5.11	3.39	0.00	0.00	0.00	0.00	24.18	34.52	0.00	125.35	0.00	2428.75	35077.87
264.30	5817	0.00	0.00	6.90	1.68	0.00	8.86	0.00	0.00	0.00	0.00	0.00	15.56	48.89	0.00	117.76	0.00	3074.35	42663.14
264.30	5818	7.78	135.88	254.45	12.52	26.64	13.36	7.90	16.11	9.96	0.00	0.00	326.17	60.47	0.00	306.00	778.74	4339.93	134301.84
264.30	5819	0.00	0.00	0.00	8.18	0.00	3.56	0.00	0.00	0.00	0.00	0.00	0.00	13.41	0.00	0.00	127.64	814.64	18392.33
264.30	5820	10.23	95.33	84.22	0.00	0.00	20.57	2.43	4.63	0.00	0.00	0.00	551.54	439.21	15.96	175.57	105.60	6201.23	95407.88
264.60	5821	0.00	0.00	0.00	4.51	0.00	3.55	0.00	0.00	25.96	1.01	0.00	0.00	120.02	0.00	117.38	0.00	1779.75	48951.86
264.60	5822	0.00	0.00	0.00	0.00	0.00	12.78	0.00	0.00	14.41	0.00	0.00	25.70	36.10	0.00	0.00	0.00	1167.34	30339.06
264.60	5823	0.00	0.00	0.00	0.00	0.00	8.18	0.00	0.00	82.79	0.00	0.00	16.82	113.15	0.00	121.42	0.00	1507.45	56011.69
264.60	5824	0.00	0.00	0.00	12.76	0.00	-2.26	0.00	0.00	46.24	0.00	0.00	14.91	215.12	0.00	0.00	0.00	1905.62	61458.92
264.90	5825	11.41	0.00	0.00	4.07	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	80.63	0.00	0.00	177.77	1725.54	40701.78
265.20	5826	9.78	44.66	0.00	1.73	0.00	24.67	0.00	0.00	0.00	5.24	0.00	11.06	110.34	0.00	41.53	0.00	5526.20	82548.57
265.20	5827	0.00	0.00	0.00	1.39	0.00	-0.39	2.95	0.00	60.23	0.00	0.00	106.55	42.93	0.00	0.00	108.22	1395.36	42783.58
265.50	5828	10.69	0.00	0.00	5.61	0.00	6.68	1.27	0.00	0.00	0.00	0.00	21.64	104.45	0.00	90.34	265.68	664.12	38853.30
265.75	5829	13.36	0.00	0.00	12.67	0.00	2.86	0.00	0.00	0.00	2.92	0.00	22.25	134.02	0.00	90.49	0.00	586.79	58356.22
265.75	5830	0.00	0.00	0.00	3.84	0.00	7.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.98	53.45	610.49

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
265.75	5831	0.00	46.79	4.65	0.00	0.00	21.57	1.09	0.00	63.93	0.00	0.00	36.25	165.44	0.00	65.86	0.00	3275.14	75182.93
265.75	5832	0.00	18.32	0.00	9.67	0.00	2.94	1.34	0.00	38.45	4.10	0.00	76.27	42.68	0.00	92.20	0.00	1861.12	78424.29
265.75	5833	0.00	0.00	0.00	7.96	0.00	13.84	3.63	0.00	25.00	3.27	0.00	22.48	43.47	0.00	2.41	0.00	1691.07	143090.06
265.75	5834	0.00	0.00	0.00	14.80	0.00	6.63	0.00	0.00	0.00	0.00	0.00	0.00	25.91	18.08	0.00	0.00	1936.71	17889.50
265.75	5835	0.00	0.00	0.00	0.00	0.00	5.19	0.00	0.00	14.19	0.00	0.00	29.24	28.75	0.00	0.00	104.37	1297.01	24607.50
265.75	5836	4.72	33.73	0.00	0.00	0.00	10.25	1.45	0.00	42.74	0.00	0.00	42.93	44.36	0.00	41.85	120.42	3675.03	74094.70
266.10	5837	0.00	55.57	4.53	9.06	0.00	13.40	4.23	0.00	67.62	3.25	0.00	39.83	141.05	0.00	63.55	0.00	2356.03	111227.02
266.10	5838	0.00	0.00	0.00	0.00	0.00	-3.41	0.00	0.00	67.52	0.00	0.00	74.68	71.83	0.00	0.00	156.74	1632.61	46937.13
266.10	5839	4.96	10.99	0.00	0.00	0.00	-3.61	0.00	0.00	0.00	4.08	0.00	55.85	101.39	0.00	62.90	0.00	2441.25	94916.05
266.40	5840	16.05	0.00	0.00	9.76	0.00	4.10	0.00	0.00	0.00	0.00	0.00	98.62	117.25	0.00	97.36	0.00	1646.21	68760.45
266.80	5841	0.00	0.00	0.00	0.00	0.00	-5.07	0.00	0.00	0.00	0.00	0.00	39.47	101.38	0.00	100.67	119.60	1472.47	38702.07
266.80	5842	11.93	0.00	1.55	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	13.76	196.27	0.00	0.00	0.00	2203.34	45423.72
267.10	5843	0.00	0.00	1.29	0.00	0.00	7.34	0.00	0.00	50.95	0.00	0.00	216.01	646.51	0.00	99.92	0.00	1805.12	44189.01
267.10	5844	0.00	0.00	0.00	8.15	0.00	4.25	0.00	0.00	36.27	0.00	0.00	355.19	300.29	0.00	0.00	162.58	2037.49	76652.70
267.10	5845	15.48	0.00	0.00	15.52	0.00	-4.23	0.00	0.00	0.00	0.00	0.00	107.22	121.53	0.00	0.00	0.00	1759.91	49482.93
267.50	5846	0.00	0.00	1.96	0.00	0.00	4.32	1.91	0.00	0.00	3.62	0.00	53.71	571.42	0.00	134.45	0.00	1567.61	73289.35
267.50	5847	0.00	0.00	4.05	0.00	0.00	6.46	0.00	0.00	0.00	0.00	0.00	102.27	378.04	0.00	123.68	0.00	2545.23	73403.75
267.50	5848	9.89	6.89	0.00	5.54	0.00	2.63	0.00	0.00	0.00	0.00	0.00	51.16	165.50	0.00	158.35	0.00	2176.69	66234.14
267.85	5849	0.00	0.00	0.00	0.00	0.00	-6.12	2.82	0.00	88.46	1.02	0.00	62.47	1588.22	0.00	106.44	0.00	1492.87	57953.96
267.85	5850	11.25	15.25	0.00	11.33	0.00	15.52	0.00	0.00	0.00	0.00	0.00	192.97	465.16	0.00	103.58	0.00	2369.40	96782.70
268.20	5851	0.00	0.00	0.00	0.00	0.00	20.76	0.00	0.00	98.08	0.00	0.00	61.38	238.46	0.00	122.33	141.59	2316.15	40508.48
268.20	5852	0.00	0.00	0.00	0.00	0.00	12.58	0.00	0.00	4.52	0.00	0.00	133.56	73.88	0.00	0.00	0.00	575.97	21096.58
268.20	5853	0.00	7.78	0.00	14.68	0.00	-9.76	1.72	0.00	79.77	1.62	0.00	55.00	125.63	0.00	0.00	179.73	1997.82	42233.36
268.20	5854	0.00	0.00	0.00	21.00	0.00	-0.01	0.00	0.00	26.99	0.00	0.00	56.27	67.20	0.00	0.00	0.00	1800.71	36010.81
268.20	5855	0.00	0.00	0.00	17.41	0.00	3.44	1.11	0.00	0.00	0.00	0.00	47.23	56.50	0.00	92.28	64.92	834.12	22856.72
268.20	5856	11.17	0.00	0.00	15.15	0.00	-1.54	1.98	0.00	33.52	0.00	0.00	15.03	50.15	0.00	90.92	125.63	991.67	29607.00
268.50	5857	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	14.71	0.00	0.00	95.10	411.97	0.00	106.66	272.75	1310.60	49247.69
268.50	5858	13.91	0.00	0.00	0.00	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	60.96	408.63	0.00	107.15	0.00	870.62	97815.53
268.80	5861	0.00	0.00	0.00	8.32	0.00	1.03	1.99	0.00	0.00	0.00	0.00	20.06	102.99	0.00	98.41	0.00	1494.95	35002.21
268.80	5862	12.49	11.00	0.00	5.34	0.00	6.84	2.78	0.00	0.00	0.00	0.00	56.16	79.07	0.00	115.15	0.00	2485.95	44259.38
269.10	5863	0.00	4.01	0.00	9.26	0.00	11.47	5.46	0.00	0.00	0.00	0.00	31.28	153.75	8.20	162.81	0.00	2042.36	60615.60
269.10	5864	19.80	0.00	0.00	10.82	0.00	7.99	0.00	0.00	0.00	0.00	0.00	26.32	679.37	0.00	156.10	0.00	1844.46	61469.37
269.40	5865	0.00	4.02	0.00	0.00	0.00	14.08	1.46	0.00	21.31	2.51	0.00	470.59	332.21	0.00	72.32	189.90	1725.54	94625.05
269.40	5866	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	24.56	0.00	0.00	63.55	90.08	0.00	0.00	153.82	2117.81	44924.39
269.40	5867	0.00	0.00	0.00	10.49	0.00	-3.06	3.10	0.00	0.00	0.00	0.00	36.69	87.47	0.00	0.00	37.95	1432.46	37742.18
269.40	5868	0.00	0.00	0.00	0.00	0.00	3.59	0.00	0.00	22.13	0.00	0.00	29.26	146.04	0.00	97.99	0.00	2120.12	36151.06
269.40	5869	11.07	0.00	0.00	0.00	0.00	0.62	3.14	0.00	0.00	0.00	0.00	268.54	454.22	0.00	123.49	366.77	2108.05	69079.53
269.70	5870	24.84	0.00	0.00	18.42	0.00	4.93	0.00	0.00	0.00	0.00	0.00	47.87	84.25	0.00	100.53	0.00	1692.31	39012.84
269.80	5871	4.69	129.33	0.00	0.00	4.54	9.51	4.01	8.58	71.31	0.00	0.00	45.95	333.17	11.91	128.90	23.38	632.38	168997.56
270.10	5872	0.00	0.00	0.00	0.00	0.00	8.81	1.47	0.00	20.59	0.00	0.00	22.70	211.94	0.00	0.00	189.09	1649.23	52407.74
270.10	5873	0.00	0.00	0.00	0.00	0.00	3.91	0.00	0.00	21.95	0.00	0.00	31.38	170.23	0.00	107.02	177.80	2057.85	49296.35

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
270.10	5874	11.50	0.00	0.00	19.45	0.00	9.25	0.00	0.00	0.00	0.00	0.00	25.46	132.79	0.00	0.00	91.46	1657.76	43747.95
270.40	5875	0.00	62.27	3.13	0.00	0.00	16.00	4.07	0.00	25.50	0.00	0.00	288.77	879.91	0.00	127.22	155.44	3171.89	67494.20
270.40	5876	0.00	45.75	6.93	0.00	0.00	5.00	1.48	0.00	42.24	2.73	0.00	170.71	875.35	0.00	126.36	17.41	3905.01	77217.84
270.40	5877	8.22	12.35	0.00	0.00	0.00	21.39	1.22	0.00	21.41	0.00	0.00	64.71	197.26	4.07	101.85	97.66	3101.24	52146.93
270.70	5878	0.00	7.19	1.58	12.37	0.00	5.63	1.05	0.00	5.17	0.00	0.00	70.89	290.16	0.00	142.09	0.00	1966.39	80141.60
270.70	5879	0.00	3.98	0.00	0.00	0.00	1.37	0.00	0.00	21.48	0.00	0.00	149.48	853.65	0.00	115.93	63.93	1378.77	84745.44
270.70	5880	0.00	0.00	0.00	0.00	0.00	13.07	0.00	0.00	0.00	0.00	0.00	60.28	274.81	0.00	131.18	52.93	2632.53	41310.02
270.70	5881	0.00	11.32	0.00	0.00	0.00	12.50	0.00	0.00	16.08	1.69	0.00	31.01	316.16	0.00	145.09	31.21	2035.18	73115.48
270.70	5882	0.00	10.65	0.00	0.00	0.00	5.84	0.00	0.00	14.04	0.00	0.00	15.04	170.91	0.00	130.29	0.00	2571.10	60657.11
270.70	5883	0.00	0.00	0.00	21.24	0.00	12.86	2.01	0.00	0.00	0.00	0.00	13.33	224.61	0.00	95.23	111.95	1819.13	66493.73
270.70	5884	12.32	0.00	2.82	0.00	0.00	-4.12	0.00	0.00	0.00	0.00	0.00	242.42	661.03	0.00	122.16	0.00	1375.12	85713.26
271.00	5885	21.98	2.90	0.00	0.00	0.00	3.08	0.00	0.00	0.00	0.00	0.00	739.95	1443.73	0.00	99.43	0.00	1839.94	73616.03
271.00	5886	0.00	46.30	0.00	0.00	0.00	4.38	0.00	0.00	0.00	0.00	0.00	243.21	1118.19	2.72	87.01	252.31	3696.63	118881.93
271.00	5887	0.00	115.01	0.00	10.61	0.00	-4.10	4.18	0.00	102.34	0.00	4.11	1492.92	3711.62	0.00	120.98	25.25	4067.63	152184.31
271.00	5888	0.00	0.00	0.00	0.00	0.00	4.18	3.04	0.00	33.17	0.00	0.00	167.38	544.41	0.00	0.00	56.36	2836.97	106339.92
271.00	5889	10.52	8.64	0.00	6.23	0.00	0.95	0.00	0.00	32.83	0.00	0.00	59.68	381.85	0.00	0.00	0.00	2412.62	75051.13
271.00	5890	0.00	0.00	2.52	0.00	0.00	-0.73	0.00	0.00	0.00	0.00	0.00	593.40	1271.55	0.00	113.73	104.94	2646.38	64156.17
271.30	5891	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00	30.35	0.00	0.00	116.19	156.70	0.00	106.98	0.00	1872.57	60038.81
271.30	5892	0.00	11.47	0.00	8.70	0.00	9.41	0.00	0.00	13.30	0.00	0.00	44.67	240.12	7.58	144.58	32.02	2933.08	90771.13
271.30	5893	0.00	8.00	0.00	0.00	0.00	7.14	0.00	0.00	28.61	0.00	0.00	36.44	116.44	19.15	48.23	0.00	1497.40	55884.15
271.30	5894	0.00	0.00	0.00	0.00	0.00	8.44	0.00	0.00	0.00	0.00	0.00	137.03	269.54	0.00	114.46	0.00	2624.58	78955.50
271.30	5895	0.00	0.00	0.00	9.03	0.00	9.90	0.00	0.00	7.85	0.00	0.00	115.18	178.53	0.00	135.75	0.00	1393.23	66697.34
271.30	5896	0.00	0.00	0.00	1.09	0.00	2.93	0.00	0.00	23.86	0.00	0.00	39.49	118.52	0.00	0.00	275.77	1728.24	48744.70
271.30	5897	0.00	0.00	0.00	17.62	0.00	8.98	1.41	0.00	21.65	2.56	0.00	0.00	114.61	0.00	99.54	130.02	1234.37	45269.23
271.30	5898	0.00	0.00	0.00	0.00	0.00	10.90	0.00	0.00	26.92	2.70	0.00	13.34	111.18	0.00	109.89	0.00	2420.71	45139.09
271.30	5899	0.00	0.00	2.93	0.00	0.00	9.55	4.38	0.00	10.79	0.00	0.00	72.32	267.03	2.23	131.88	106.39	2730.63	64405.29
271.30	5900	0.00	0.00	0.00	0.00	0.00	13.51	3.55	0.00	31.79	3.09	0.00	0.00	174.33	0.00	117.54	0.00	727.00	49787.63
271.30	5901	0.00	4.45	0.00	4.16	0.00	7.34	0.00	0.00	26.14	0.00	0.00	19.23	178.42	0.00	107.13	107.06	2950.63	55789.45
271.30	5902	0.00	20.74	0.00	14.98	0.00	15.91	1.60	0.00	0.00	0.00	0.00	38.97	344.92	10.25	109.22	0.00	2168.59	110676.44
271.30	5903	0.00	0.00	0.00	2.52	0.00	5.99	0.00	0.00	0.00	0.00	0.00	0.00	162.87	0.00	0.00	0.00	2688.01	36120.30
271.40	5904	0.00	3.31	0.00	2.24	0.00	4.90	6.39	0.00	115.72	0.00	0.00	796.99	286.83	0.00	13.13	348.69	2313.94	109377.38
271.40	5905	14.14	2.06	0.00	7.39	0.00	20.12	2.31	0.00	0.00	0.00	0.00	465.11	307.28	0.00	93.16	52.08	2880.54	103896.27
271.70	5906	0.00	0.00	0.00	0.00	0.00	0.45	2.71	0.00	17.29	0.00	0.00	12.02	171.24	0.00	116.05	0.00	2272.81	59361.49
271.70	5907	9.68	0.00	0.00	0.00	0.00	-3.60	0.00	0.00	35.85	0.00	0.00	23.33	283.37	2.77	0.00	292.20	1554.79	81209.71
272.00	5908	11.76	13.17	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00	13.44	287.14	0.00	106.71	0.00	1849.50	87432.66
272.30	5909	0.00	6.63	0.00	18.43	0.00	11.07	0.00	0.00	25.60	0.00	0.00	24.41	606.51	2.07	166.30	0.00	2104.05	94616.49
272.30	5910	0.00	24.16	0.00	16.35	0.00	9.75	3.46	0.00	15.22	0.00	0.00	39.37	729.88	0.00	139.62	0.00	2119.53	88943.15
272.30	5911	0.00	38.23	0.00	12.10	0.00	3.57	0.00	0.00	25.23	0.00	0.00	12.72	328.86	0.00	174.40	0.00	2424.24	95213.04
272.30	5912	0.00	23.45	0.00	0.00	0.00	3.29	1.28	0.00	0.00	5.47	0.00	182.44	303.95	1.11	131.41	0.00	2294.22	76770.41
272.30	5913	0.00	17.34	0.00	0.00	0.00	6.45	0.00	0.00	12.84	0.00	0.00	22.25	347.35	0.00	119.70	30.90	2119.60	80519.09
272.30	5914	0.00	18.86	0.00	17.38	0.00	8.67	3.34	0.00	0.00	0.00	0.00	31.65	1644.63	0.00	83.63	0.00	1751.02	106302.05

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
272.30	5915	0.00	7.13	0.00	0.00	0.00	7.57	0.00	0.00	0.00	1.46	0.00	34.29	315.25	0.00	111.00	79.56	2326.21	79123.70
272.40	5916	14.43	21.02	0.00	13.65	0.00	4.90	0.00	0.00	0.00	0.00	0.00	27.38	419.04	15.52	164.47	0.00	2311.11	121425.48
272.65	5917	0.00	0.00	0.00	2.75	0.00	6.96	2.01	0.00	0.00	0.00	0.00	286.82	167.83	0.00	109.20	0.00	1665.41	60950.93
272.65	5918	0.00	0.00	0.00	7.46	0.00	9.15	0.00	0.00	14.83	0.00	0.00	78.28	197.57	0.00	109.31	0.00	1226.34	72979.35
272.65	5919	0.00	0.00	0.00	4.92	0.00	12.65	3.92	0.00	20.81	0.00	0.00	130.19	197.18	0.00	92.98	0.00	1365.61	74200.30
272.65	5920	0.00	0.00	0.00	6.59	0.00	4.73	0.00	0.00	36.31	0.00	0.00	113.86	184.59	0.00	90.57	0.00	1322.78	68354.27
272.65	5921	0.00	0.00	0.00	0.00	0.00	11.62	0.00	0.00	0.00	0.00	0.00	102.96	190.33	0.00	129.66	0.00	1479.56	68685.95
272.65	5922	0.00	1.57	0.00	0.00	0.00	7.32	0.00	0.00	28.14	0.00	0.00	53.67	216.64	3.70	124.68	0.00	1443.55	81608.73
272.70	5923	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.00	0.00	0.00	0.00	127.97	0.00	152.21	0.00	1796.82	47785.66
272.70	5924	0.00	0.00	0.00	9.35	0.00	11.79	1.31	0.00	27.95	0.00	0.00	12.94	113.19	0.00	147.93	89.77	1855.48	48184.48
272.70	5925	0.00	0.00	0.00	13.35	0.00	2.51	0.00	0.00	17.62	0.00	0.00	11.73	60.66	0.00	111.63	0.00	1337.81	26742.29
272.70	5926	8.74	0.00	0.00	0.00	0.00	4.89	1.59	0.00	0.00	0.00	0.00	16.39	113.74	0.00	111.33	0.00	1430.16	47384.12
272.85	5927	0.00	19.17	1.85	1.94	0.00	6.20	4.48	0.00	10.99	1.69	0.00	125.47	330.11	0.00	97.12	0.00	3359.02	80786.53
272.85	5928	3.15	77.15	3.00	0.00	0.00	8.18	0.00	0.00	2.73	0.00	0.00	122.89	815.92	0.00	71.71	0.00	2975.13	115545.35
272.20	5929	0.00	12.88	0.00	4.21	0.00	21.05	1.48	0.00	14.04	0.00	0.00	59.98	869.62	0.00	134.98	0.00	2511.34	95192.00
272.20	5930	0.00	0.00	0.00	9.45	0.00	3.21	1.81	0.00	0.00	0.00	0.00	59.37	1217.49	0.00	120.66	0.00	1946.42	87112.62
272.20	5931	0.00	41.98	0.00	13.37	0.00	16.96	0.00	0.00	0.00	0.00	0.00	119.97	364.73	0.00	163.75	0.00	2940.58	108518.40
272.20	5932	0.00	25.11	0.00	0.00	0.00	3.40	0.00	0.00	3.95	4.17	0.00	40.17	383.05	11.74	140.43	0.00	2153.27	102535.70
272.20	5933	11.41	14.79	0.00	0.00	0.00	-4.02	0.00	0.00	63.99	0.00	0.00	47.26	1899.76	0.00	156.92	0.00	2137.18	83120.89
272.50	5934	0.00	3.19	3.27	0.00	0.00	8.79	4.19	0.00	0.00	0.00	0.00	0.00	331.10	0.00	150.85	0.00	2013.91	78473.74
272.50	5935	14.16	22.19	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	46.19	352.72	5.51	163.65	0.00	1922.67	93185.70
272.80	5936	0.00	0.00	0.00	2.14	0.00	5.22	0.00	0.00	0.00	1.02	0.00	0.00	96.56	0.00	0.00	0.00	964.85	29662.60
273.10	5937	10.72	0.00	0.00	2.01	0.00	4.80	0.00	0.00	0.00	0.00	0.00	0.00	113.10	0.00	131.76	0.00	1269.90	47769.30
273.10	5938	0.00	0.00	1.89	7.95	0.00	8.76	0.00	0.00	0.00	0.00	0.00	158.14	49.41	0.00	0.00	0.00	892.41	22885.50
273.10	5939	0.00	0.00	0.00	3.82	0.00	-2.20	0.00	0.00	0.00	0.00	0.00	18.42	64.85	0.00	0.00	0.00	558.63	22859.20
273.10	5940	0.00	0.00	0.00	0.00	0.00	11.53	0.00	0.00	16.57	0.00	0.00	39.98	86.47	0.00	0.00	0.00	2806.75	44667.29
273.10	5941	0.00	0.00	0.00	10.56	0.00	5.15	0.00	0.00	13.34	0.00	0.00	33.76	52.89	0.00	122.92	0.00	1175.93	26371.37
273.10	5942	11.84	0.00	0.00	0.00	0.00	-0.20	2.13	8.44	0.00	0.00	0.00	15.93	160.18	4.01	196.80	0.00	1024.95	67873.60
273.45	5943	0.00	0.00	0.00	0.00	0.00	-0.88	0.00	0.00	35.37	0.00	0.00	69.56	83.87	0.00	0.00	0.00	1648.20	53571.16
273.45	5944	0.00	0.00	0.00	0.00	0.00	9.92	0.00	0.00	12.25	0.00	0.00	25.38	58.16	4.69	121.95	0.00	2075.14	38758.32
273.45	5945	0.00	0.00	0.00	0.00	0.00	3.70	0.00	0.00	9.03	0.00	0.00	77.08	90.36	0.00	128.86	0.00	1502.63	53598.45
273.45	5946	0.00	0.00	0.00	6.81	0.00	-0.35	2.16	0.00	0.00	0.00	0.00	252.25	120.43	0.00	0.00	122.82	1027.24	75231.42
273.45	5947	0.00	0.00	0.00	8.57	0.00	10.03	1.06	0.00	0.00	0.00	0.00	32.36	104.26	0.00	109.96	78.58	760.89	66185.10
273.45	5948	0.00	0.00	0.00	0.00	0.00	4.75	0.00	0.00	0.00	2.76	0.00	105.32	87.84	0.00	124.71	0.00	1526.09	57893.61
273.45	5949	0.00	0.00	0.00	0.00	0.00	12.22	1.00	0.00	0.00	0.00	0.00	22.05	98.28	0.00	122.22	0.00	1313.13	41999.38
273.55	5950	13.29	0.00	0.00	0.00	0.00	4.45	0.00	0.00	0.00	0.00	0.00	37.50	31.48	0.00	126.96	0.00	2276.66	28506.47
273.55	5951	0.00	0.00	0.00	0.00	0.00	0.77	8.73	0.00	0.00	0.00	0.00	71.00	37.40	0.00	102.70	0.00	1198.56	68563.09
273.55	5952	0.00	25.31	9.73	3.74	0.00	8.23	5.39	0.00	46.18	2.17	0.00	246.73	49.17	0.00	41.93	101.66	1761.00	101238.10
273.55	5953	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	12.98	61.27	0.00	116.20	0.00	1094.28	46758.88
273.55	5954	0.00	0.00	0.00	0.00	0.00	4.63	0.00	0.00	0.00	0.00	0.00	15.82	48.38	0.00	93.84	0.00	909.95	37266.01
273.55	5955	0.00	0.00	0.00	0.00	0.00	1.55	3.24	0.00	32.01	0.00	0.00	56.61	86.22	3.14	0.00	0.00	1287.98	58352.61

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
273.85	5956	14.88	0.00	0.00	0.00	0.00	6.73	1.17	0.00	0.00	2.22	0.00	64.55	72.02	0.00	98.36	19.67	1450.68	58174.66
273.85	5957	13.63	54.28	0.00	6.13	0.00	5.71	0.00	0.00	0.00	2.23	0.00	0.00	30.81	1.49	67.36	0.00	4272.49	42766.72
274.20	5958	6.12	25.27	0.00	0.00	0.00	8.67	0.00	0.00	0.00	0.00	0.00	6.26	106.16	0.00	95.59	11.29	2581.47	103818.48
274.50	5959	0.00	0.00	0.00	13.67	0.00	9.19	0.00	0.00	0.00	0.00	0.00	132.85	79.34	0.00	153.00	0.00	1335.17	69872.03
274.50	5960	0.00	3.51	0.00	0.00	0.00	12.03	0.00	0.00	5.77	0.00	0.00	32.51	129.85	0.00	117.32	0.00	1530.61	103603.43
274.50	5961	0.00	0.00	0.00	0.00	0.00	11.69	0.00	0.00	17.88	0.00	0.00	21.85	76.26	0.00	124.87	0.00	1527.40	66933.73
274.50	5962	56.65	0.00	6.82	1.03	0.00	-32.07	0.00	0.00	0.00	0.00	0.00	0.00	73.46	0.00	301.10	0.00	0.00	108623.25
274.50	5963	0.00	0.00	0.00	6.04	0.00	5.76	0.00	0.00	17.99	0.00	0.00	37.66	102.82	0.00	118.32	0.00	1747.10	86987.33
274.50	5964	0.00	0.00	0.00	6.82	0.00	7.60	3.67	0.00	0.00	0.00	0.00	32.52	53.05	0.00	110.53	102.94	3154.53	45988.07
274.50	5965	0.00	0.00	2.87	1.58	0.00	6.26	3.26	0.00	0.00	0.00	0.00	43.97	84.72	0.00	141.95	0.00	2064.46	64153.44
274.50	5966	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	32.39	74.82	0.00	96.90	98.37	1621.82	50541.37
274.50	5967	0.00	0.00	0.00	0.00	0.00	10.65	1.22	0.00	19.91	0.00	0.00	23.71	60.64	0.00	121.41	0.00	2029.75	60157.26
274.50	5968	0.00	0.00	0.00	0.00	0.00	3.56	1.47	0.00	22.26	0.00	0.00	0.00	74.06	0.00	119.95	0.00	1849.52	76108.41
274.50	5969	0.00	0.00	1.68	2.50	0.00	-1.93	0.00	0.00	0.00	0.00	0.00	0.00	61.75	0.00	96.55	0.00	2319.73	60810.65
274.50	5970	0.00	0.00	0.00	0.00	0.00	12.70	0.00	0.00	0.00	0.00	0.00	13.98	55.46	0.00	105.98	0.00	2643.71	54358.73
274.50	5971	0.00	0.00	0.00	0.00	0.00	7.69	0.00	0.00	0.00	0.00	0.00	56.77	87.82	0.00	0.00	0.00	1341.12	77961.45
274.65	5972	10.83	0.00	0.00	0.00	0.00	9.88	0.00	0.00	0.00	0.00	0.00	0.00	129.48	0.00	144.02	0.00	1502.61	89712.29
275.00	5973	0.00	0.00	0.00	3.19	0.00	3.84	0.00	0.00	16.48	0.00	0.00	18.46	114.15	0.00	179.85	0.00	3168.89	75616.77
275.00	5974	0.00	19.83	0.00	0.00	0.00	11.80	0.00	0.00	11.11	0.00	0.00	24.88	150.25	0.00	185.55	91.28	2364.39	83414.19
275.00	5975	0.00	23.63	0.00	25.24	0.00	14.70	1.85	0.00	78.68	3.32	0.00	0.00	153.25	10.02	206.38	0.00	2794.09	93947.45
275.00	5976	0.00	32.46	0.00	0.00	0.00	1.06	3.77	0.00	21.05	0.00	0.00	18.84	133.38	0.00	233.15	0.00	2786.63	92084.34
275.00	5977	9.61	36.42	3.53	0.00	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.00	142.16	0.00	192.77	8.92	2384.63	83585.45
275.30	5978	9.52	7.40	0.00	12.14	0.00	2.45	1.81	0.00	66.61	0.00	0.00	16.77	112.66	0.00	170.81	0.00	2720.72	81078.64
275.60	5979	0.00	16.99	0.00	0.00	0.00	1.60	0.00	0.00	28.20	0.00	0.00	0.00	97.41	0.00	187.57	101.18	1962.76	74644.59
275.60	5980	15.43	32.45	0.00	0.00	0.00	6.60	0.00	0.00	5.30	0.00	0.00	0.00	104.17	6.31	167.14	76.00	2960.45	81630.04
275.90	5981	0.00	0.00	0.00	17.03	0.00	7.78	0.00	0.00	11.84	0.00	0.00	0.00	124.50	0.00	147.27	0.00	1656.37	84095.91
275.90	5982	0.00	0.00	0.00	20.65	0.00	-1.42	0.00	0.00	14.26	0.00	0.00	27.23	104.75	0.00	97.99	0.00	1747.17	64497.29
275.90	5983	13.66	0.00	0.00	0.00	0.00	4.13	0.00	0.00	0.00	0.00	0.00	67.10	93.14	0.00	120.12	0.00	1730.47	72047.51
276.05	5984	0.00	31.56	1.61	5.73	0.00	8.37	2.79	0.00	77.92	3.52	0.00	884.71	30.18	3.56	66.61	0.00	3350.24	95889.27
276.05	5985	0.00	0.00	3.93	0.00	0.00	10.89	4.44	0.00	67.47	0.00	0.00	359.77	36.15	0.00	14.30	91.44	3621.44	76360.55
276.05	5986	13.73	90.25	8.60	0.00	0.00	19.30	6.85	0.00	40.36	5.10	0.00	973.56	51.18	0.00	42.01	372.35	4421.47	107195.48
276.40	5987	0.00	0.00	0.00	0.00	0.00	9.22	0.00	0.00	11.70	0.00	0.00	0.00	88.91	0.00	109.85	0.00	1300.45	67906.31
276.40	5988	0.00	7.88	0.00	0.00	0.00	7.00	0.00	0.00	15.75	0.00	0.00	11.96	90.07	0.00	92.48	0.00	1640.81	67556.31
276.40	5989	14.31	0.00	1.44	0.00	0.00	3.26	1.45	0.00	0.00	0.00	0.00	33.65	84.12	0.00	97.98	0.00	1670.42	67918.80
276.60	5990	0.00	0.00	0.00	0.00	0.00	11.31	0.00	0.00	52.78	0.00	0.00	26.27	98.29	0.00	0.00	0.00	950.08	68245.58
276.60	5991	0.00	0.00	0.00	4.72	0.00	2.78	0.00	0.00	24.44	3.65	0.00	11.96	125.38	0.00	127.21	0.00	1883.06	88100.22
276.60	5992	0.00	0.00	1.31	0.00	0.00	-0.04	1.97	0.00	40.33	0.00	0.00	50.87	105.92	0.00	155.66	0.00	1462.25	89537.88
276.60	5993	11.23	0.00	0.00	0.00	0.00	4.60	0.00	0.00	35.30	0.00	0.00	102.98	129.47	1.21	138.89	0.00	1202.78	77352.36
276.70	5994	0.00	0.00	1.45	7.84	0.00	6.00	1.53	0.00	0.00	0.00	0.00	0.00	24.23	0.00	0.00	0.00	495.85	12081.21
276.70	5995	0.00	0.00	0.00	17.48	0.00	4.96	1.49	0.00	0.00	2.45	0.00	622.90	10.18	0.00	89.68	227.84	1651.98	42233.07
276.70	5996	0.00	25.95	0.00	14.45	0.00	14.09	0.00	0.00	44.59	1.71	0.00	6.74	119.12	0.00	101.65	0.00	3547.78	100771.13

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
276.70	5997	0.00	0.00	0.00	0.00	0.00	8.90	0.00	0.00	0.00	2.07	0.00	19.29	0.00	0.00	0.00	0.00	2505.78	23565.66
276.70	5998	0.00	0.00	0.00	4.31	0.00	5.76	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	422.00	8602.94
276.70	5999	0.00	23.04	3.06	0.00	0.00	14.52	0.00	0.00	43.41	3.38	0.00	14.10	0.00	6.05	0.00	24.78	3580.74	48830.28
276.70	6000	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	30.08	1.54	0.00	0.00	12.99	0.00	93.68	0.00	769.59	45470.47
276.70	6001	0.00	0.00	0.00	16.53	0.00	3.79	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273.53	7531.37
276.90	6002	0.00	0.00	0.00	14.06	0.00	11.25	0.00	0.00	15.04	2.10	0.00	0.00	12.14	0.00	91.78	0.00	852.33	21091.05
276.90	6003	0.00	0.00	0.00	0.00	0.00	3.87	0.00	0.00	9.30	0.00	0.00	25.56	0.00	0.00	0.00	91.28	467.03	9919.89
276.90	6004	4.52	58.85	0.00	0.00	0.00	13.68	0.00	0.00	41.69	0.00	0.00	52.78	10.55	7.86	44.83	0.00	5308.00	34925.68
277.20	6005	0.00	28.60	0.00	0.00	0.00	10.77	0.00	0.00	0.00	0.00	0.00	8.75	162.16	0.00	377.50	0.00	2698.93	116354.01
277.20	6006	0.00	0.00	1.31	0.00	0.00	3.50	0.00	0.00	64.66	2.75	0.00	10.46	106.69	3.90	181.00	198.28	2276.00	70080.41
277.20	6007	0.00	35.82	0.00	9.76	0.00	13.81	0.00	0.00	0.00	0.00	0.00	13.18	133.31	0.00	317.87	0.00	3374.10	100066.64
277.20	6008	5.75	26.71	0.00	8.92	0.00	15.52	0.00	0.00	0.00	3.22	0.00	19.44	186.57	0.00	459.47	0.00	1943.90	133667.23
277.50	6009	8.24	36.02	0.00	0.00	0.00	11.44	0.00	0.00	0.00	0.00	0.00	13.90	167.27	1.55	298.14	0.00	2609.43	125559.42
277.80	6010	0.00	0.00	1.29	1.44	0.00	12.22	2.82	0.00	22.97	0.00	0.00	94.84	123.29	0.00	110.91	0.00	1938.77	96180.34
277.80	6011	12.06	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00	98.18	0.00	104.45	0.00	1483.96	77629.69
278.10	6012	0.00	15.62	0.00	0.00	0.00	9.74	0.00	0.00	16.00	0.00	0.00	95.58	116.93	0.00	124.12	0.00	2159.77	94171.35
278.10	6013	0.00	2.36	0.00	6.12	0.00	2.40	0.00	0.00	0.00	0.00	0.00	24.65	110.76	0.00	158.24	0.00	1555.31	76514.77
278.10	6014	11.81	0.00	0.00	6.05	0.00	3.04	0.00	0.00	0.00	0.00	0.00	38.48	97.56	0.00	158.70	27.58	1959.23	69273.29
278.40	6015	0.00	58.06	1.20	2.18	0.00	5.31	0.00	0.00	32.60	0.00	0.00	36.84	146.12	3.66	114.15	0.00	1914.38	116064.03
278.40	6016	16.92	50.96	2.39	0.00	0.00	-7.62	1.09	0.00	0.00	1.02	0.00	18.19	125.14	4.84	57.64	30.88	1529.80	113650.35
278.40	6017	0.00	61.49	0.00	0.00	0.00	3.98	1.93	0.00	0.00	0.00	0.00	0.00	107.68	0.00	8.43	0.00	1853.48	114880.45
278.70	6018	10.51	3.04	1.14	11.49	0.00	3.50	0.00	0.00	14.01	0.00	0.00	0.00	113.65	0.00	132.46	0.00	2394.07	77857.69
279.00	6019	0.00	0.00	1.60	0.00	0.00	7.16	0.00	0.00	0.00	0.00	0.00	0.00	80.26	0.00	95.76	0.00	1681.35	61388.94
279.00	6020	11.23	0.00	0.00	0.00	0.00	8.10	0.00	0.00	0.00	0.00	0.00	72.90	59.11	0.00	143.98	0.00	1925.05	52092.58
279.30	6021	10.29	22.06	0.00	1.61	0.00	16.97	1.66	0.00	0.00	0.00	0.00	11.82	83.79	0.00	140.74	0.00	2218.56	82262.21
279.60	6022	0.00	0.00	0.00	0.00	0.00	5.26	0.00	0.00	0.00	0.00	0.00	0.00	68.13	0.00	106.80	0.00	1699.67	66839.09
279.60	6023	0.00	0.00	0.00	9.56	0.00	13.16	5.44	0.00	0.00	0.00	0.00	124.36	82.98	0.00	91.77	0.00	1337.67	70088.10
279.60	6024	13.22	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	71.45	73.02	0.00	95.96	0.00	2022.86	64972.49
279.90	6025	11.27	38.73	0.00	22.68	0.00	7.60	0.00	0.00	0.00	0.00	0.00	72.18	104.33	0.00	76.00	0.00	1930.21	119064.88
280.20	6026	0.00	15.07	0.00	0.00	0.00	11.72	1.18	0.00	0.00	0.00	0.00	0.00	103.47	0.00	120.39	0.00	2363.02	94146.74
280.20	6027	0.00	8.46	0.00	0.00	0.00	9.69	0.00	0.00	37.75	0.00	0.00	77.08	79.45	0.00	126.72	0.00	1924.94	69367.80
280.20	6028	0.00	9.64	0.00	0.00	0.00	13.22	0.00	0.00	6.64	0.00	0.00	22.25	92.62	0.00	163.66	0.00	1778.71	79915.10
280.20	6029	12.50	0.00	0.00	5.22	0.00	-2.46	1.83	0.00	0.00	0.00	0.00	55.47	77.08	0.00	112.07	0.00	2184.51	65748.36
280.50	6030	0.00	0.00	0.00	6.29	0.00	-0.69	1.40	0.00	16.05	0.00	0.00	274.18	74.03	0.00	102.34	0.00	2033.06	73108.36
280.50	6031	9.61	39.55	0.00	0.00	0.00	7.98	0.00	0.00	4.06	2.04	0.00	411.06	66.43	0.00	128.33	29.58	1675.80	106843.34
280.80	6032	0.00	0.00	0.00	0.00	0.00	4.85	0.00	0.00	28.96	0.00	0.00	19.97	38.24	0.00	0.00	0.00	3901.70	28693.01
280.80	6033	0.00	77.46	2.37	0.00	0.00	0.13	0.00	0.00	2.76	0.00	0.00	400.36	72.87	0.00	57.34	0.00	3399.61	90609.31
280.80	6034	0.00	0.00	0.00	4.39	0.00	7.30	0.00	0.00	11.82	1.61	0.00	135.34	94.38	4.39	94.41	0.00	1723.03	76268.97
280.80	6035	0.00	0.00	3.96	0.00	0.00	1.84	2.17	0.00	19.25	0.00	0.00	25.47	84.34	0.00	122.34	0.00	1872.03	93984.66
280.80	6036	3.41	63.27	0.00	8.96	0.00	3.39	0.00	0.00	18.75	0.00	0.00	457.80	77.45	0.00	77.18	0.00	2596.63	107865.14
281.10	6037	0.00	0.00	2.36	0.00	0.00	8.72	0.00	0.00	0.00	2.31	0.00	31.89	60.27	0.00	116.05	0.00	1772.76	84907.29

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
281.10	6038	12.67	12.37	0.00	6.52	0.00	7.33	2.45	0.00	0.00	0.00	0.00	17.24	66.92	0.00	127.52	0.00	1696.29	94636.65
281.40	6039	13.72	6.39	0.00	6.11	0.00	11.14	1.11	0.00	0.00	3.60	0.00	19.99	73.02	0.00	166.37	0.00	1923.75	81289.39
281.17	6040	0.00	99.96	0.00	0.00	24.29	17.01	0.00	21.95	53.52	0.00	0.00	15.17	39.80	8.93	186.54	0.00	5956.52	96029.16
281.17	6041	0.00	50.41	0.00	0.00	0.00	9.17	3.56	0.00	0.00	0.00	0.00	8.74	56.70	0.00	85.69	0.00	4272.33	89898.52
281.70	6042	11.28	2.29	0.00	0.00	0.00	18.03	0.00	0.00	0.00	0.00	0.00	32.79	65.90	0.00	116.11	0.00	1223.47	65010.27
282.00	6043	10.49	0.00	0.00	0.00	0.00	5.23	0.00	0.00	3.11	0.00	0.00	0.00	68.43	0.00	0.00	0.00	1249.15	58682.58
282.25	6044	0.00	0.00	0.00	13.50	0.00	7.14	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	601.14	906.02
282.25	6045	0.00	0.00	0.00	7.30	0.00	5.05	0.00	0.00	16.45	1.92	0.00	0.00	486.80	0.00	0.00	0.00	945.34	75029.41
282.30	6046	0.00	0.00	0.00	0.00	0.00	12.96	2.43	0.00	14.23	0.00	0.00	109.62	446.97	0.00	108.05	0.00	1135.26	96220.10
282.30	6047	0.00	0.00	0.00	1.21	0.00	16.69	0.00	0.00	0.00	0.00	0.00	12.05	374.51	0.00	125.36	0.00	1143.61	86619.76
282.30	6048	0.00	0.00	0.00	0.00	0.00	7.20	0.00	0.00	42.71	0.00	0.00	71.35	373.16	0.00	140.56	0.00	1062.81	76314.95
282.30	6049	13.64	13.04	0.00	11.68	0.00	3.09	4.82	0.00	18.75	5.01	0.00	63.28	379.90	5.75	114.81	0.00	1331.86	97556.98
282.60	6052	0.00	2.07	0.00	0.00	0.00	13.06	0.00	0.00	22.51	0.00	0.00	194.24	84.33	0.00	116.56	7.19	1937.87	59744.96
282.60	6053	0.00	0.00	0.00	8.50	0.00	3.57	0.00	0.00	7.41	0.00	0.00	13.22	82.03	0.00	153.33	0.00	1544.60	54340.83
282.60	6054	0.00	0.00	0.00	4.44	0.00	2.04	0.00	0.00	0.00	2.33	0.00	29.97	71.12	0.00	91.59	173.94	1426.49	51539.20
282.60	6055	15.22	0.00	6.42	13.14	0.00	8.36	0.00	0.00	0.00	0.00	0.00	0.00	70.95	0.00	125.04	139.80	2069.91	53531.39
282.90	6056	13.04	47.19	17.54	0.00	0.00	5.93	0.00	0.00	0.00	0.00	0.00	33.90	16.21	6.10	112.51	0.00	5083.62	74043.13
283.20	6057	0.00	23.27	0.00	9.78	0.00	18.42	4.74	0.00	40.70	0.00	0.00	71.47	82.43	0.00	102.80	28.64	1335.02	98588.14
283.20	6058	0.00	0.00	0.00	0.00	0.00	15.25	0.00	0.00	1.43	7.79	0.00	29.20	51.13	0.00	0.00	51.79	1856.26	66994.08
283.20	6059	0.00	0.00	0.00	9.21	0.00	2.49	0.00	0.00	0.00	1.87	0.00	15.14	32.00	0.00	0.00	149.20	1259.60	47872.60
283.20	6060	0.00	5.32	1.65	0.00	0.00	11.56	3.50	0.00	27.79	0.00	0.00	299.28	83.67	0.00	108.47	80.26	1617.49	82011.00
283.20	6061	0.00	4.00	0.00	0.00	0.00	10.02	1.35	0.00	18.13	0.00	0.00	47.62	54.13	0.00	111.84	0.00	1902.42	71031.92
283.20	6062	0.00	0.00	0.00	0.00	0.00	3.93	2.20	0.00	0.00	0.00	0.00	44.00	45.58	0.00	0.00	0.00	1321.20	64284.30
283.20	6063	0.00	0.00	0.00	2.46	0.00	6.18	0.00	0.00	22.32	0.00	0.00	0.00	41.52	0.00	0.00	0.00	1537.13	50217.46
283.20	6064	0.00	0.00	0.00	0.00	0.00	13.63	0.00	0.00	94.17	5.49	0.00	0.00	72.93	0.00	0.00	0.00	1423.84	73758.20
283.20	6065	0.00	7.02	0.00	0.00	0.00	-4.77	0.00	0.00	41.74	0.00	0.00	16.60	82.87	0.00	125.76	28.02	1926.63	80173.92
283.20	6066	0.00	11.35	0.00	2.30	0.00	11.26	2.58	0.00	0.00	0.00	0.00	20.66	82.34	0.00	0.00	0.00	1939.59	79099.87
283.20	6067	0.00	9.19	0.00	25.80	0.00	-4.20	0.00	0.00	0.00	0.00	0.00	69.70	118.68	0.00	91.89	0.00	1422.71	107827.99
283.30	6068	0.00	0.00	0.00	0.00	0.00	13.75	0.00	0.00	12.55	0.00	0.00	0.00	60.88	0.00	114.69	0.00	1385.95	64091.62
283.30	6069	0.00	0.00	0.00	9.71	0.00	2.67	1.86	0.00	25.78	0.00	0.00	0.00	84.37	0.00	98.81	29.95	972.87	72629.12
283.30	6070	0.00	0.00	0.00	0.00	0.00	7.05	1.18	0.00	0.00	0.00	0.00	39.82	68.91	0.00	101.61	49.53	1566.23	67986.67
283.30	6071	0.00	0.00	0.00	0.00	0.00	4.31	0.00	0.00	0.47	0.00	0.00	0.00	59.08	0.00	93.09	7.58	1739.95	64658.21
283.30	6072	0.00	0.00	0.00	13.27	0.00	9.82	0.00	0.00	0.00	0.00	0.00	17.00	89.19	0.00	110.50	54.04	1538.14	68268.61
283.30	6073	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	15.83	96.65	0.00	91.16	155.60	1253.02	81380.19
283.30	6074	0.00	0.00	0.00	0.00	0.00	8.71	0.00	0.00	16.83	0.00	0.00	0.00	64.11	0.00	113.22	0.00	1349.93	70131.18
283.30	6075	0.00	0.00	0.00	5.15	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	69.42	0.00	139.59	0.00	1614.74	61831.77
283.30	6076	0.00	0.00	0.00	0.00	0.00	6.07	3.55	0.00	22.92	2.41	0.00	53.26	47.85	0.00	91.97	0.00	1693.23	67475.26
283.30	6077	12.15	0.00	0.00	0.00	0.00	1.77	0.00	0.00	0.89	7.29	0.00	48.67	52.81	0.00	86.79	232.11	1464.91	68317.73
283.60	6078	12.53	0.00	0.00	0.00	0.00	-4.35	1.50	0.00	0.00	3.69	0.00	23.24	34.80	0.00	0.00	0.00	916.14	60539.06
283.60	6079	0.00	0.00	5.51	0.00	0.00	4.16	0.00	0.00	0.00	0.00	0.00	86.49	74.13	0.00	96.67	33.61	1802.41	65143.00
283.90	6080	0.00	7.86	0.00	11.03	0.00	9.81	1.70	0.00	47.39	0.00	0.00	16.80	48.84	0.00	124.61	57.15	2405.08	49269.48

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
283.90	6081	0.00	0.00	2.40	0.00	0.00	8.08	0.00	0.00	4.04	0.00	0.00	31.07	81.08	0.00	117.17	0.00	1447.30	82900.17
283.90	6082	0.00	0.00	0.00	25.24	0.00	8.10	0.00	0.00	22.52	0.00	0.00	52.82	78.54	0.00	0.00	77.82	1921.50	77990.83
283.90	6083	12.79	29.19	0.00	0.00	0.00	12.49	0.00	0.00	0.00	0.00	0.00	111.98	91.93	6.05	132.43	108.36	1118.28	95583.76
284.20	6084	0.00	41.40	0.00	20.39	0.00	9.00	2.60	0.00	0.00	1.23	0.00	15.64	103.59	0.00	93.69	267.71	2435.84	153809.28
284.20	6085	1.93	70.06	0.00	0.00	0.00	19.52	0.00	0.00	50.45	0.00	0.00	7.23	107.94	4.66	4.98	274.07	2001.72	106795.40
284.20	6086	0.00	5.21	0.00	0.00	0.00	11.57	0.00	0.00	13.75	0.00	0.00	19.34	30.55	0.00	129.80	0.00	2397.76	55520.44
284.20	6087	11.21	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	19.39	12.47	0.00	0.00	0.00	1610.02	2643.32
284.20	6088	0.00	50.19	3.70	13.54	0.00	5.87	5.93	0.00	93.02	1.58	0.00	47.77	0.00	10.78	71.74	40.23	4516.54	35855.30
284.20	6089	0.00	0.00	0.00	0.00	0.00	10.57	0.00	0.00	0.00	0.00	0.00	0.00	9.40	0.00	0.00	0.00	793.91	12794.09
284.20	6090	5.00	67.87	2.57	11.33	0.00	8.11	0.00	0.00	3.18	0.00	0.00	11.32	93.49	0.00	55.30	0.00	2843.33	109897.52
284.50	6091	18.70	1.76	0.00	4.40	0.00	10.72	2.10	0.00	0.00	0.00	0.00	112.51	67.42	0.00	0.00	0.00	1371.13	73901.33
284.65	6092	0.00	0.00	0.00	0.00	0.00	-0.16	21.73	0.00	0.00	0.00	0.00	19768.34	316.07	0.00	0.00	143.34	0.00	83808.26
284.65	6093	0.00	0.00	0.00	0.00	0.00	11.52	22.87	0.00	2.11	0.00	0.00	14672.02	225.28	0.00	0.00	0.00	0.00	62003.00
284.65	6094	0.00	0.00	2.54	8.95	0.00	14.79	2.73	0.00	26.02	0.00	0.00	570.65	62.58	0.00	103.44	162.52	904.67	66705.67
284.65	6095	0.00	50.94	0.00	0.00	0.00	19.96	0.00	0.00	37.24	5.13	0.00	14.34	89.29	10.12	131.08	97.25	2458.26	112581.82
284.80	6096	0.00	0.00	0.00	2.91	0.00	8.43	0.00	0.00	0.00	0.00	0.00	19.39	84.41	0.00	119.70	138.70	1213.51	57513.07
284.80	6097	10.00	0.00	0.00	20.97	0.00	-1.60	0.00	0.00	0.00	0.00	0.00	15.71	84.61	0.00	110.82	87.70	1377.51	83689.15
285.10	6098	0.00	0.00	6.62	17.57	0.00	4.84	1.06	0.00	14.05	0.00	0.00	23.82	65.36	0.00	114.31	0.00	745.60	81173.31
285.10	6099	10.25	4.33	0.00	0.00	0.00	5.55	1.23	0.00	0.00	0.00	0.00	11.56	76.91	0.00	125.18	0.00	1184.73	96684.19
285.40	6100	0.00	0.00	0.00	0.00	0.00	-4.07	1.95	0.00	0.00	0.00	0.00	14.27	45.34	0.00	106.02	0.00	1661.47	50573.86
285.40	6101	0.00	54.11	2.64	0.00	0.00	9.40	0.00	0.00	68.58	0.00	0.00	26.51	43.65	0.00	0.00	0.00	1396.79	102632.61
285.40	6102	0.00	0.00	0.00	17.75	0.00	-2.65	0.00	0.00	22.10	0.00	0.00	18.96	72.97	0.00	105.51	8.83	1233.80	77681.91
285.40	6103	0.00	0.00	0.00	13.31	0.00	8.04	2.32	0.00	28.35	0.00	0.00	22.89	54.92	0.00	101.83	105.97	1550.91	78878.17
285.40	6104	0.00	0.00	3.27	0.00	0.00	1.89	0.00	0.00	0.00	1.10	0.00	31.48	43.42	0.00	0.00	0.00	1241.25	46786.09
285.40	6105	15.90	0.00	0.00	0.00	0.00	6.91	0.00	0.00	0.00	0.00	0.00	12.02	47.99	0.00	98.29	165.16	1854.73	46983.77
285.70	6106	0.00	0.00	0.00	9.67	0.00	-0.89	0.00	0.00	27.83	1.67	0.00	29.40	57.36	0.00	105.07	287.25	1555.01	64260.12
285.70	6107	0.00	0.00	0.00	6.90	0.00	4.10	0.00	0.00	20.21	0.00	0.00	47.44	18.59	0.00	104.45	165.86	1870.74	36921.57
285.70	6108	0.00	65.82	0.00	0.00	0.00	5.33	2.60	0.00	33.03	2.11	0.00	29.85	48.51	0.00	25.64	445.53	2089.65	100627.66
285.70	6109	0.00	62.31	0.00	0.00	0.00	3.74	0.00	0.00	62.04	0.00	0.00	0.00	106.19	0.00	105.59	63.89	1018.11	103453.30
285.70	6110	0.00	57.51	1.78	0.00	0.00	20.93	2.01	0.00	44.54	0.00	0.00	23.32	57.08	0.00	19.96	213.49	1048.11	105039.50
285.70	6111	15.10	26.02	0.00	0.00	0.00	1.04	0.00	0.00	7.85	0.00	0.00	0.00	85.31	0.00	112.38	250.84	997.80	76465.58
285.70	6112	0.00	57.27	0.00	0.00	0.00	11.48	5.61	0.00	37.67	3.82	0.00	43.55	14.69	0.00	112.29	0.00	2416.04	121248.28
285.70	6113	0.00	0.00	1.80	0.00	0.00	5.89	0.00	0.00	0.00	0.00	0.00	14.88	38.72	0.00	0.00	293.26	1983.55	52662.20
285.70	6114	11.57	39.31	0.00	19.99	0.00	1.25	0.00	0.00	0.00	0.00	0.00	43.95	46.56	1.31	124.10	132.38	1401.92	75344.28
285.70	6115	0.00	0.00	0.00	5.94	0.00	6.66	0.00	0.00	45.38	0.00	0.00	0.00	13.79	0.00	0.00	146.24	2058.11	32336.04
285.70	6116	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	25.00	0.00	0.00	17.98	24.28	0.00	145.26	84.34	2714.65	52769.03
286.00	6117	0.00	0.00	0.00	7.00	0.00	9.46	1.07	0.00	31.31	0.00	0.00	19.74	58.54	0.00	124.75	0.00	1947.68	69835.72
286.00	6118	0.00	0.00	0.00	0.00	0.00	-0.86	0.00	0.00	53.55	0.00	0.00	26.63	56.33	0.00	109.48	0.00	1614.23	73428.67
286.00	6119	0.00	0.00	0.00	0.00	0.00	1.02	1.63	0.00	22.27	0.00	0.00	51.96	54.32	0.00	112.59	0.00	1833.90	72831.26
286.00	6120	0.00	0.00	1.15	0.00	0.00	10.90	0.00	0.00	31.71	0.00	0.00	0.00	60.08	0.00	0.00	0.00	1040.89	69260.73
286.00	6121	0.00	3.48	0.00	0.00	0.00	-2.05	0.00	0.00	14.30	0.00	0.00	32.92	51.94	0.00	0.00	0.00	1022.81	69718.64

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
286.00	6122	14.41	38.20	0.00	6.84	0.00	10.99	0.00	0.00	0.00	0.00	0.00	77.00	85.06	0.00	123.00	0.00	1732.33	107588.00
286.30	6123	11.31	0.00	0.00	0.00	0.00	2.61	3.34	0.00	0.00	0.00	0.00	39.32	44.50	0.00	93.52	0.00	1391.48	60511.35
286.60	6124	0.00	0.00	0.00	0.00	0.00	0.70	2.17	0.00	37.19	3.94	0.00	67.84	50.69	0.00	0.00	91.74	1333.34	64036.65
286.60	6125	0.00	0.00	0.00	0.00	0.00	-0.76	3.32	0.00	0.00	1.46	0.00	74.04	44.97	0.00	0.00	0.00	1388.71	66340.56
286.60	6126	0.00	0.00	2.51	0.00	0.00	5.38	2.99	0.00	14.80	0.00	0.00	111.08	51.38	0.00	94.32	0.00	1338.93	64595.89
286.60	6127	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	27.15	0.00	0.00	64.18	43.97	0.00	0.00	101.78	1265.07	61923.48
286.60	6128	0.00	0.00	2.62	0.00	0.00	-1.03	3.90	0.00	39.36	1.42	0.00	58.70	38.11	2.85	0.00	76.91	1033.28	65852.11
286.60	6129	0.00	0.00	0.00	11.08	0.00	18.37	1.27	0.00	0.00	3.02	0.00	33.42	42.26	0.00	0.00	0.00	1258.46	48260.04
286.60	6130	0.00	0.00	0.00	0.00	0.00	13.81	0.00	0.00	17.72	4.65	0.00	69.67	23.22	0.00	0.00	314.21	988.56	35571.34
286.60	6131	0.00	0.00	0.00	12.72	0.00	7.56	2.16	0.00	8.56	0.00	0.00	87.24	63.73	0.00	0.00	110.41	1187.86	66323.67
286.60	6132	0.00	0.00	0.00	1.97	0.00	4.94	3.63	0.00	43.58	1.69	0.00	36.14	40.77	0.00	0.00	0.00	1270.34	61996.62
286.60	6133	0.00	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	31.05	39.32	0.00	103.72	0.00	1461.47	61573.98
286.60	6134	0.00	0.00	1.58	3.02	0.00	1.27	1.01	0.00	45.84	4.44	0.00	75.44	37.41	0.00	0.00	104.08	1372.11	65600.07
286.60	6135	0.00	0.00	0.00	19.62	0.00	-10.03	3.00	0.00	0.00	0.00	0.00	50.98	43.31	0.00	0.00	3.42	1318.40	62232.37
286.60	6136	0.00	0.00	0.00	14.88	0.00	-6.86	1.51	0.00	0.00	1.85	0.00	52.60	45.27	0.00	0.00	0.00	1297.21	63833.63
286.60	6137	0.00	18.33	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00	0.00	0.00	52.87	0.00	114.11	0.00	1719.15	84889.59
286.60	6138	10.92	12.37	0.00	8.66	0.00	2.10	0.00	0.00	45.21	0.00	0.00	19.18	57.23	0.00	88.48	64.58	1764.87	101854.13
287.00	6139	0.00	0.00	0.00	0.00	0.00	3.78	0.00	0.00	0.00	0.00	0.00	50.61	52.18	0.00	0.00	123.55	1960.36	67340.98
287.00	6140	0.00	14.70	0.00	0.00	0.00	13.04	0.00	0.00	15.31	0.00	0.00	93.97	60.51	0.00	138.90	0.00	1766.17	80350.58
287.00	6141	0.00	0.00	0.00	10.86	0.00	0.98	0.00	0.00	33.37	0.00	0.00	33.55	48.53	0.00	94.30	25.81	1516.90	95946.09
287.00	6142	0.00	0.00	0.00	0.00	0.00	10.94	0.00	0.00	18.43	3.56	0.00	39.73	59.86	0.00	0.00	258.23	1371.11	92919.33
287.00	6143	0.00	10.51	0.00	0.00	0.00	4.01	0.00	0.00	1.22	0.00	0.00	15.79	46.88	0.00	0.00	59.27	1262.82	81764.74
287.00	6144	0.00	15.18	0.00	6.14	0.00	9.71	0.00	0.00	0.00	0.00	0.00	66.93	46.34	0.00	128.43	22.31	1681.99	75982.41
287.00	6145	11.18	13.09	0.00	22.88	0.00	-2.95	0.00	0.00	0.00	0.00	0.00	40.40	72.91	0.00	122.46	84.35	1085.75	100536.63
287.30	6146	9.03	12.91	0.00	12.01	0.00	1.58	1.01	0.00	0.00	0.00	0.00	19.44	113.80	6.36	120.25	0.00	1048.61	82943.38
287.60	6147	21.00	0.00	0.00	2.01	0.00	1.79	0.00	0.00	0.00	0.00	0.00	10.84	52.78	0.00	89.89	149.71	2076.23	56051.19
287.70	6148	0.00	0.00	0.00	6.70	0.00	5.72	0.00	0.00	14.39	0.00	0.00	21.34	56.16	0.00	110.91	0.00	1552.98	48509.54
287.70	6149	0.00	0.00	0.00	14.39	0.00	7.72	2.04	0.00	13.16	0.00	0.00	0.00	62.58	0.00	105.04	0.00	1732.25	52020.03
287.70	6150	0.00	3.08	0.00	0.00	0.00	7.06	0.00	0.00	6.95	0.00	0.00	0.00	49.59	0.00	136.58	0.00	2626.31	49575.87
287.70	6151	18.25	0.00	1.32	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.00	20.97	71.17	0.00	141.33	0.00	1548.18	48870.22
287.75	6152	11.28	26.23	0.00	4.36	0.00	5.42	0.00	0.00	0.00	0.00	0.00	33.69	79.21	0.00	106.24	123.48	1110.11	84955.52
287.95	6155	0.00	37.80	0.00	0.00	0.00	11.48	0.00	0.00	42.82	0.00	0.00	19.54	138.29	0.00	146.59	0.00	1319.58	70066.62
287.95	6156	0.00	46.96	0.00	4.56	0.00	11.70	0.00	1.95	18.80	2.56	0.00	71.60	163.26	0.00	148.57	0.00	1230.13	81420.74
287.95	6157	0.00	19.58	0.00	20.04	0.00	16.89	0.00	0.00	0.00	0.00	0.00	49.78	107.12	0.00	88.19	0.00	1736.50	60973.80
287.95	6158	0.00	30.54	0.00	12.90	0.00	6.02	0.00	0.00	30.84	0.00	0.00	19.35	141.55	0.00	87.58	49.97	1455.27	63347.45
287.95	6159	0.00	0.00	0.00	0.00	0.00	4.69	3.42	0.00	0.00	0.00	0.00	34.23	97.39	0.00	98.28	123.71	1874.50	58408.94
287.95	6160	0.00	23.87	0.00	22.80	0.00	19.39	1.07	0.00	24.44	0.00	0.00	113.19	78.69	0.00	0.00	0.00	2007.63	64770.67
287.95	6161	14.21	9.15	0.00	0.00	0.00	-1.38	0.00	0.00	0.00	0.00	0.00	29.50	84.69	0.00	117.66	0.00	1677.35	69570.73
288.25	6162	0.00	0.00	0.00	5.89	0.00	7.11	0.00	0.00	43.14	0.00	81.85	16.49	27.88	0.00	0.00	0.00	1684.24	22304.76
288.25	6163	0.00	28.64	15.54	0.00	0.00	11.13	0.00	0.00	5.35	0.00	37.53	38.41	54.84	0.00	138.89	0.00	3290.86	166980.00
288.25	6164	0.00	0.00	0.00	4.47	0.00	11.91	3.36	0.00	22.12	0.00	0.00	112.20	59.10	0.00	115.18	0.00	2804.76	83287.98

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
288.25	6165	0.00	0.00	0.00	0.00	0.00	7.30	0.00	0.00	17.49	0.00	0.00	73.42	40.60	0.00	92.74	0.00	1172.24	43350.21
288.25	6166	10.41	0.00	0.00	0.00	0.00	6.90	0.00	0.00	0.00	0.00	227.51	34.37	276.51	0.00	0.00	0.00	1885.65	47695.92
288.40	6167	2.40	21.37	0.00	12.97	0.00	3.57	4.66	0.00	45.12	2.01	75.17	818.46	15.75	0.00	35.19	0.00	324.17	200183.30
288.40	6168	0.00	0.00	0.00	0.00	0.00	1.52	0.00	0.00	0.00	1.13	0.00	58.32	0.00	0.00	0.00	0.00	0.00	19581.39
288.40	6169	10.48	0.00	0.00	0.00	0.00	6.70	0.00	0.00	17.23	1.42	0.00	23.83	51.40	0.00	93.61	0.00	2300.70	51205.07
288.40	6170	16.72	281.15	0.00	72.99	15.00	14.59	2.99	0.00	20.07	5.12	155.44	193.82	2.73	12.22	90.20	0.00	619.16	307772.00
288.70	6171	0.00	0.00	0.00	0.00	0.00	11.58	1.32	0.00	0.99	0.00	0.00	49.42	69.84	0.00	145.05	0.00	1522.10	51722.76
288.70	6172	11.19	0.00	0.00	6.18	0.00	5.08	0.00	0.00	0.00	0.00	0.00	31.37	53.28	0.00	0.00	0.00	1369.23	43622.47
289.00	6173	5.50	36.65	0.00	9.86	0.00	15.67	0.00	0.00	18.99	9.91	981.12	67.03	109.27	0.00	58.66	117.79	4772.31	77227.20
289.00	6174	0.00	0.00	0.00	30.06	0.00	3.84	1.39	0.00	0.00	0.00	168.07	14.97	30.10	0.00	0.00	0.00	1694.55	18781.54
289.00	6175	0.00	34.28	0.00	0.00	0.00	4.53	0.00	0.00	0.00	0.00	579.38	48.12	115.42	0.00	16.04	0.00	4615.94	58511.64
289.00	6176	0.00	53.41	3.48	4.04	0.00	23.80	5.14	0.00	49.12	0.00	0.00	259.71	98.24	0.00	26.60	22.16	3746.18	128757.53
289.00	6177	0.00	0.00	0.00	8.42	0.00	1.40	1.45	0.00	33.04	1.26	937.66	15.84	78.92	0.00	0.00	75.97	3656.18	44868.68
289.30	6178	0.00	0.00	6.97	0.00	0.00	6.48	0.00	0.00	0.00	0.00	55.53	21.18	454.54	0.00	121.94	303.77	1262.08	41350.75
289.30	6179	0.00	0.00	0.00	4.14	0.00	7.84	0.00	0.00	12.34	0.00	33.27	18.59	196.14	0.00	0.00	0.00	1029.83	25619.89
289.30	6180	0.00	0.00	1.84	0.00	0.00	4.00	3.38	0.00	42.02	1.23	0.00	0.00	200.83	0.00	84.34	194.84	815.03	45404.64
289.30	6181	0.00	0.00	3.57	0.00	0.00	-0.58	0.00	0.00	45.19	0.00	27.03	16.68	108.89	0.00	87.15	131.76	1200.52	54914.92
289.30	6182	0.00	0.00	0.00	0.00	0.00	3.98	1.05	0.00	0.00	0.00	15.45	34.43	259.15	5.21	102.67	0.00	1734.62	47925.84
289.30	6183	11.96	0.00	0.00	3.14	0.00	5.52	0.00	0.00	0.00	0.00	0.00	0.00	126.22	0.00	0.00	0.00	801.86	18365.84
289.60	6184	0.00	0.00	0.00	6.40	0.00	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.30	1195.55
289.60	6185	0.00	0.00	0.00	0.00	0.00	6.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.59	919.42
289.60	6186	0.00	0.00	0.00	3.57	0.00	2.56	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301.55
289.60	6187	0.00	0.00	0.00	8.30	0.00	3.48	0.00	0.00	5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	509.56
289.60	6188	0.00	0.00	122.24	13.68	0.00	11.85	1.02	0.00	16.90	0.00	22.71	36.28	18.25	0.00	0.00	0.00	712.69	67511.91
289.60	6189	0.00	0.00	0.00	0.00	0.00	0.42	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	605.17
289.60	6190	0.00	0.00	4.48	0.00	0.00	6.54	0.00	0.00	11.50	1.12	0.00	0.00	12.65	0.00	0.00	76.40	892.15	25067.54
289.60	6191	0.00	0.00	0.00	16.80	0.00	5.13	0.00	0.00	24.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5493.72
289.60	6192	0.00	0.00	0.00	0.00	0.00	5.28	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.55	964.40
289.60	6193	0.00	0.00	0.00	9.58	0.00	17.08	1.02	0.00	5.86	0.00	0.00	0.00	137.45	0.00	126.91	126.53	1010.50	16044.28
289.60	6194	0.00	0.00	0.00	24.59	0.00	1.52	0.00	0.00	2.55	0.00	0.00	20.55	41.28	2.29	0.00	108.91	264.14	8120.90
289.60	6195	0.00	22.07	7.06	0.00	0.00	4.44	0.00	0.00	83.01	0.00	0.00	24.09	785.31	0.00	150.37	0.00	1823.07	68257.62
289.60	6196	0.00	0.00	0.00	0.00	0.00	4.12	0.00	0.00	26.47	0.00	0.00	0.00	171.46	0.00	0.00	117.32	841.32	41230.26
289.60	6197	0.00	0.00	2.30	4.61	0.00	5.11	0.00	0.00	13.69	0.00	0.00	35.43	179.85	0.00	124.51	0.00	1429.23	31123.08
289.60	6198	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	14.53	0.00	0.00	0.00	116.29	0.00	102.66	104.70	448.60	32632.44
289.60	6199	0.00	0.00	3.10	4.30	0.00	1.67	0.00	0.00	21.92	0.00	37.58	0.00	139.98	0.00	94.15	135.96	801.14	28010.83
289.80	6200	0.00	0.00	0.00	0.00	0.00	5.01	0.00	0.00	62.55	0.00	0.00	17.44	80.67	0.00	106.98	0.00	1283.45	49328.34
289.80	6201	0.00	0.00	0.00	6.17	0.00	3.66	0.00	0.00	28.29	0.00	265.81	47.50	499.95	0.00	0.00	0.00	4144.72	37563.86
289.80	6202	0.00	0.00	0.00	15.11	0.00	5.28	0.00	0.00	14.65	0.00	0.00	20.18	96.88	0.00	0.00	0.00	1459.24	36722.70
289.80	6203	1.39	50.34	2.16	4.89	0.00	14.31	3.10	0.00	0.00	2.58	0.00	53.71	102.69	0.00	16.46	0.00	5749.38	69917.76
290.10	6204	0.00	0.00	0.00	0.00	0.00	0.46	3.39	0.00	55.70	0.00	23.02	39.25	52.60	0.00	0.00	102.77	1166.29	36404.62
290.10	6205	0.00	4.02	0.00	0.00	0.00	-0.78	0.00	0.00	121.49	0.00	22.75	53.43	2374.47	14.09	0.00	46.78	688.43	54291.17

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
290.10	6206	12.07	2.66	0.00	0.00	0.00	7.13	0.00	0.00	22.61	0.00	234.92	41.04	211.36	0.00	0.00	2.01	896.61	65394.50
290.40	6207	0.00	0.00	6.82	0.00	0.00	12.02	0.00	0.00	0.00	0.00	0.00	33.87	103.10	0.00	0.00	119.83	1211.00	44117.16
290.40	6208	0.00	0.00	4.00	0.00	0.00	1.39	0.00	0.00	0.00	0.00	0.00	18.32	90.68	0.00	105.35	0.00	710.27	42910.01
290.40	6209	0.00	0.00	0.00	0.00	0.00	14.11	1.11	0.00	4.39	1.06	0.00	34.74	74.79	0.00	102.20	0.00	1089.37	38992.12
290.40	6210	21.12	0.00	0.00	0.00	0.00	-8.67	0.00	0.00	0.00	0.00	0.00	52.71	45.28	0.00	0.00	54.49	934.98	57799.30
290.70	6211	0.00	0.00	1.19	14.66	0.00	-0.30	5.94	0.00	0.00	0.00	0.00	18.59	42.67	0.00	0.00	0.00	1188.86	49624.66
290.70	6212	0.00	0.00	0.00	12.51	0.00	10.64	0.00	0.00	25.09	0.00	0.00	20.27	30.28	0.00	94.64	136.90	716.25	38036.92
290.70	6213	0.00	0.00	0.00	22.91	0.00	-0.52	6.29	0.00	30.84	0.00	0.00	30.74	26.91	0.00	0.00	0.00	1870.66	45919.81
290.70	6214	0.00	0.00	0.00	22.20	0.00	-1.17	1.00	0.00	31.86	0.00	34.93	11.39	123.30	0.00	95.50	0.00	1174.90	32491.63
290.70	6215	8.83	0.00	1.74	0.00	0.00	3.76	1.24	0.00	28.54	0.00	0.00	0.00	75.24	0.00	90.91	83.17	470.59	22318.52
291.00	6216	0.00	0.00	0.00	0.00	0.00	11.43	3.87	0.00	0.00	0.00	0.00	30.31	194.97	0.00	122.18	0.00	1420.20	65693.27
291.00	6217	0.00	0.00	4.89	19.24	0.00	18.61	0.00	0.00	30.35	0.00	0.00	18.18	190.89	0.00	0.00	0.00	660.31	87000.77
291.00	6218	0.00	0.00	1.58	0.00	0.00	10.21	0.00	0.00	23.51	0.00	0.00	0.00	114.04	0.00	112.80	0.00	801.21	81111.82
291.00	6219	12.34	0.00	6.04	0.00	0.00	2.46	0.00	0.00	0.00	0.00	0.00	0.00	66.14	0.00	116.96	0.00	531.05	38048.61
291.30	6220	0.00	15.49	0.00	0.00	0.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	112.02	0.00	146.68	82.06	2034.98	84088.48
291.30	6221	0.00	46.47	7.56	0.00	0.00	17.97	2.71	0.00	0.00	0.00	0.00	42.76	129.73	0.00	126.33	0.00	1064.55	110188.95
291.30	6222	7.80	0.00	2.71	0.00	0.00	5.71	0.00	0.00	0.00	0.00	0.00	22.85	62.45	0.00	122.96	0.00	2110.39	63785.85
291.30	6223	0.00	9.66	0.00	0.00	0.00	3.27	0.00	0.00	0.00	0.00	0.00	21.11	68.39	0.00	104.10	0.00	2047.72	65777.89
291.30	6224	10.35	18.57	3.01	0.00	0.00	5.28	0.00	0.00	0.00	0.00	0.00	31.71	133.65	0.00	136.96	0.00	1497.03	94477.09
291.60	6225	0.00	0.00	5.44	1.87	0.00	7.56	0.00	0.00	23.70	0.00	0.00	0.00	58.52	0.00	0.00	94.92	847.02	43753.20
291.60	6226	10.56	0.00	3.35	0.00	0.00	5.08	0.00	0.00	13.57	0.00	0.00	21.63	59.00	0.00	98.25	167.44	1097.49	44781.75
291.60	6227	0.00	52.15	5.12	0.00	0.00	8.74	0.00	0.00	46.58	1.39	0.00	41.19	68.42	1.09	144.59	3.84	3008.01	65309.83
291.90	6228	0.00	0.00	2.09	0.00	0.00	5.78	0.00	0.00	29.96	0.00	0.00	0.00	44.14	0.00	0.00	0.00	1630.15	41555.46
291.90	6229	0.00	0.00	26.93	0.00	0.00	7.16	0.00	0.00	0.00	0.00	0.00	74.04	59.17	0.00	0.00	0.00	1895.82	56903.16
291.90	6230	0.00	0.00	0.00	0.00	0.00	12.93	0.00	0.00	18.01	0.00	0.00	0.00	56.41	0.00	0.00	0.00	1606.38	64334.29
291.90	6231	0.00	0.00	1.70	4.60	0.00	-0.72	0.00	0.00	36.49	0.00	0.00	12.19	98.84	0.00	122.26	0.00	917.55	75828.57
291.90	6232	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	46.09	1.27	0.00	0.00	71.55	0.00	0.00	0.00	1195.21	60149.10
291.90	6233	15.83	0.00	12.00	4.79	0.00	2.00	0.00	0.00	0.00	0.00	0.00	35.03	116.61	0.00	107.31	157.52	832.30	69122.13
292.20	6234	0.00	0.00	0.00	0.00	0.00	4.20	2.42	0.00	8.43	0.00	0.00	20.17	45.13	0.00	0.00	0.00	1675.97	41567.65
292.20	6235	3.90	73.56	32.19	15.49	0.00	7.09	0.00	0.00	68.23	0.00	134.54	335.66	58.93	0.00	168.99	97.68	2620.74	147566.69
292.20	6236	7.03	50.08	0.00	0.00	0.00	14.97	0.00	0.00	0.00	0.00	0.00	19.54	14.10	0.00	94.50	0.00	1617.65	113632.71
292.50	6237	13.61	0.00	0.00	0.00	0.00	0.83	0.00	0.00	1.50	0.00	16.58	44.13	47.45	0.00	0.00	245.28	1960.15	32571.60
292.50	6238	11.50	0.00	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	0.00	27.41	11.46	0.00	92.24	0.00	1594.76	30921.17
292.50	6239	0.00	1.92	4.58	0.00	0.00	2.19	0.00	0.00	39.35	1.23	0.00	26.39	69.40	0.00	95.65	139.37	1321.32	49943.72
292.50	6240	22.59	142.75	77.89	0.00	0.00	-18.93	21.85	15.77	0.00	2.71	4776.64	1242.56	75222.24	240.26	25.24	0.00	2307.95	96590.86
292.80	6241	17.52	27.97	2.71	0.00	0.00	-4.38	0.00	0.00	0.00	0.00	0.00	85.67	73.78	2.45	126.73	0.00	2357.51	56258.37
293.10	6242	10.19	0.00	2.79	0.00	0.00	12.81	0.00	0.00	0.00	3.98	0.00	41.19	121.59	0.00	114.39	0.00	693.96	75118.76
293.40	6243	0.00	0.00	2.55	0.00	0.00	3.57	0.00	0.00	42.99	0.00	0.00	29.81	23.66	0.00	0.00	28.67	2149.01	55730.53
293.40	6244	0.00	0.00	0.00	5.02	0.00	5.80	4.71	0.00	35.85	0.00	0.00	0.00	35.65	0.00	0.00	107.00	1469.31	35800.98
293.40	6245	0.00	0.00	2.73	0.00	0.00	0.38	0.00	0.00	13.63	0.00	0.00	27.41	62.40	0.00	0.00	16.86	928.75	53363.11
293.40	6246	0.00	0.00	10.72	0.00	0.00	1.92	0.00	0.00	34.65	0.00	0.00	21.38	62.73	0.00	109.69	11.43	1635.16	45806.70

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
293.40	6247	0.00	0.00	12.60	0.00	0.00	-2.64	1.32	0.00	0.00	0.00	0.00	0.00	79.98	0.00	0.00	216.06	1679.54	40619.50
293.40	6248	8.49	0.00	2.76	0.00	0.00	10.49	0.00	0.00	0.00	0.00	0.00	20.89	53.03	0.00	0.00	0.00	1157.33	44474.19
293.70	6249	0.00	64.78	35.33	13.64	0.00	4.55	0.00	1.39	51.78	0.00	384.46	131.73	36.16	6.43	89.23	0.00	3473.81	127633.81
293.70	6250	0.00	25.08	11.43	0.00	0.00	12.98	0.00	0.00	36.32	0.00	0.00	86.73	54.68	0.00	113.72	118.82	1988.16	67795.95
293.70	6251	10.48	0.00	1.47	0.00	0.00	11.66	0.00	0.00	21.79	3.10	0.00	35.71	53.37	0.00	97.16	213.48	1202.60	54342.79
294.00	6252	0.00	0.00	27.13	7.36	0.00	5.71	0.00	0.00	0.00	0.00	0.00	14.65	40.00	0.00	104.03	0.00	1582.81	48465.87
294.00	6253	7.33	64.50	1.90	0.00	0.00	11.19	0.00	0.00	36.44	0.00	0.00	62.82	12.11	0.00	60.14	0.00	3200.88	84739.06
294.30	6254	11.05	29.42	3.06	7.65	0.00	-1.89	0.00	0.00	51.60	0.00	0.00	58.09	80.57	0.00	0.00	0.00	1918.81	82674.44
294.60	6255	20.36	0.00	16.20	10.92	0.00	-7.00	1.14	0.00	0.00	3.75	0.00	1041.27	81.17	0.00	0.00	75.11	3101.43	61895.40
294.90	6256	0.00	0.00	0.00	29.14	0.00	8.76	0.00	0.00	0.00	0.00	0.00	33.17	43.59	0.00	117.36	51.41	1463.88	70729.78
294.90	6257	10.18	0.00	2.28	0.00	0.00	11.49	0.00	0.00	0.00	0.00	0.00	26.45	47.02	2.96	0.00	151.33	1574.23	59424.46
295.20	6258	0.00	0.00	0.00	17.06	0.00	2.54	0.00	0.00	0.00	2.41	0.00	0.00	60.46	0.00	154.56	0.00	1211.94	61765.79
295.20	6259	0.00	0.00	1.58	23.49	0.00	11.65	1.51	0.00	0.00	0.00	0.00	14.26	35.59	0.00	107.18	0.00	1894.03	56054.63
295.20	6260	0.00	0.00	4.32	0.00	0.00	4.11	0.00	0.00	0.00	2.01	0.00	0.00	23.40	0.00	121.76	0.00	1605.95	44054.08
295.20	6261	18.15	0.00	8.68	9.36	0.00	11.50	0.00	0.00	0.00	0.00	0.00	39.28	57.00	0.00	0.00	0.00	1884.47	68860.06
295.50	6262	0.00	8.27	0.00	2.24	0.00	15.12	2.24	0.00	5.42	2.61	0.00	33.32	42.32	0.00	127.96	0.00	2043.54	92453.42
295.50	6263	12.46	0.00	2.12	0.00	0.00	-3.93	2.18	0.00	0.00	0.00	0.00	23.05	33.95	0.00	0.00	0.00	1466.22	78368.77
295.80	6264	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	28.92	0.00	0.00	109.55	30.99	0.00	88.28	167.42	947.00	52632.74
295.80	6265	0.00	0.00	0.00	0.00	0.00	12.12	0.00	0.00	5.37	0.00	0.00	15.01	45.30	0.00	110.55	0.00	1349.16	43838.71
295.80	6266	12.76	4.30	0.00	6.08	0.00	10.97	0.00	0.00	2.32	0.00	0.00	73.44	31.32	0.00	108.78	0.00	1222.15	39632.86
296.10	6267	0.00	0.00	3.65	22.88	0.00	14.90	0.00	0.00	5.82	3.45	0.00	29.89	123.65	0.00	90.81	0.00	1039.25	72282.28
296.10	6268	0.00	0.00	1.01	0.00	0.00	16.51	0.00	0.00	9.76	0.00	0.00	62.61	155.45	0.00	0.00	0.00	0.00	42266.82
296.10	6269	12.89	0.00	0.00	13.79	0.00	3.21	0.00	0.00	0.00	0.00	0.00	45.04	148.69	0.00	0.00	0.00	825.74	61446.80
296.40	6270	14.94	1.85	0.00	0.00	0.00	3.23	0.00	0.00	0.00	6.43	0.00	21.12	69.02	0.00	99.82	0.00	1938.16	75580.69
296.80	6271	1.55	0.00	2.49	0.00	0.00	2.80	4.02	0.00	0.00	4.26	0.00	0.00	32.86	0.00	0.00	120.63	0.00	44525.75
296.80	6272	0.00	0.00	1.18	0.00	0.00	23.80	0.00	0.00	20.11	145.39	0.00	0.00	62.91	0.00	0.00	172.42	1961.69	64394.75
296.80	6273	10.29	0.00	0.00	0.00	0.00	-1.72	0.00	0.00	0.00	42.37	0.00	0.00	29.54	0.00	0.00	138.78	567.27	20366.31
297.10	6274	10.54	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	14.20	36.99	0.00	154.22	0.00	1396.74	42041.77
297.40	6275	0.00	0.00	0.00	0.00	0.00	-2.16	0.00	0.00	38.80	1.03	0.00	0.00	56.85	0.00	121.76	0.00	1233.50	62427.48
297.40	6276	0.00	11.29	0.00	0.00	0.00	0.08	0.00	0.00	14.47	0.00	0.00	28.00	51.62	0.00	107.61	0.00	1463.79	73263.62
297.40	6277	0.00	0.00	0.00	0.00	0.00	4.11	0.00	0.00	0.00	1.48	0.00	20.49	44.20	0.00	0.00	57.21	1071.72	55091.53
297.40	6278	0.00	0.00	0.00	1.30	0.00	10.61	0.00	0.00	0.00	0.00	0.00	37.06	47.67	0.00	0.00	0.00	1314.17	72233.11
297.40	6279	0.00	0.00	0.00	0.00	0.00	5.11	0.00	0.00	14.94	0.00	0.00	27.41	37.82	0.00	104.24	8.14	895.90	64336.97
297.40	6280	0.00	0.00	0.00	19.10	0.00	14.45	0.00	0.00	92.44	1.59	0.00	20.09	32.29	0.00	132.53	0.00	1273.80	52176.12
297.40	6281	0.00	11.86	0.00	0.00	0.00	7.06	0.00	0.00	27.66	1.36	0.00	19.77	30.90	0.00	93.41	0.00	1999.79	65804.73
297.40	6282	0.00	38.86	0.00	35.47	0.00	4.83	4.16	0.00	1.60	3.82	0.00	121.18	66.21	0.00	144.80	0.00	1298.26	73504.80
297.40	6283	0.00	0.00	0.00	3.18	0.00	-3.68	0.00	3.62	0.00	2.02	0.00	0.00	38.23	0.00	91.32	0.00	1357.77	62330.45
297.40	6284	0.00	20.93	0.00	0.00	0.00	10.35	0.00	0.00	31.65	0.00	0.00	37.91	54.69	0.00	133.69	0.00	1872.77	78368.02
297.40	6285	10.69	23.54	0.00	0.00	0.00	2.48	1.29	0.00	0.00	0.00	0.00	19.97	50.89	0.00	99.76	0.00	795.39	71860.73
297.80	6286	0.00	156.93	3.64	0.00	25.90	25.86	0.00	17.88	48.82	2.10	0.00	78.69	2.18	22.38	113.33	117.57	1526.27	189473.14
297.80	6287	0.00	0.00	0.00	0.00	0.00	6.43	0.00	0.00	67.77	0.00	0.00	26.36	66.02	3.36	110.23	0.00	1593.50	49680.67

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
297.80	6288	11.09	0.00	0.00	0.00	0.00	1.21	0.00	0.00	44.35	0.00	0.00	12.94	88.69	0.00	102.03	0.00	1419.42	50215.17
298.10	6289	0.00	52.33	0.00	0.00	0.00	7.27	0.00	0.00	45.66	2.37	0.00	13.55	52.98	0.00	87.16	0.00	1144.46	95903.58
298.10	6290	0.00	32.21	0.00	0.00	0.00	12.34	0.00	0.00	8.13	0.00	0.00	37.04	60.62	1.16	83.15	242.55	1056.55	78910.56
298.10	6291	0.00	0.00	0.00	0.00	0.00	-0.80	0.00	0.00	26.84	0.00	0.00	26.05	19.72	0.00	0.00	0.00	1313.10	49994.58
298.10	6292	0.00	0.00	0.00	0.00	0.00	13.87	0.00	0.00	0.00	0.00	0.00	12.91	44.53	0.00	132.02	0.00	1284.47	75323.73
298.10	6293	0.00	0.00	1.89	0.00	0.00	10.13	1.61	0.00	44.04	0.00	0.00	0.00	42.62	0.00	0.00	0.00	1060.03	71117.63
298.10	6294	0.00	35.47	2.74	0.00	0.00	2.00	3.98	0.00	0.00	0.00	0.00	0.00	99.14	0.00	130.36	0.00	1136.29	79571.51
298.10	6295	0.00	32.87	0.00	4.80	0.00	9.76	1.04	0.00	9.64	0.00	0.00	0.00	90.22	0.00	87.85	0.00	739.08	73376.79
298.10	6296	0.00	15.07	0.00	8.21	0.00	-0.49	0.00	0.00	55.60	0.00	0.00	51.90	89.83	0.00	91.12	182.84	1060.59	70739.04
298.10	6297	8.64	7.92	0.00	10.08	0.00	0.76	0.00	0.00	53.26	0.00	0.00	24.65	47.68	0.00	86.40	194.48	1538.13	63268.34
298.40	6298	0.00	0.00	0.00	10.86	0.00	5.25	0.00	0.00	4.45	0.00	0.00	30.94	73.57	0.00	102.49	0.00	1490.54	71864.45
298.40	6299	10.46	4.98	0.00	9.56	0.00	3.95	0.00	0.00	0.00	0.00	0.00	13.38	78.46	6.13	148.23	0.00	1607.85	71495.79
298.70	6300	9.94	0.00	2.92	0.00	0.00	7.40	0.00	0.00	0.00	0.00	0.00	40.61	76.29	0.00	118.15	0.00	1128.91	56356.31
299.00	6301	5.57	22.01	0.00	11.09	0.00	5.76	0.00	0.00	0.00	0.00	0.00	53.12	70.38	0.00	37.84	323.62	709.79	73563.82
299.30	6302	10.16	0.00	0.00	0.00	0.00	0.05	2.41	0.00	0.00	0.00	0.00	799.70	31.05	0.00	119.73	193.06	1306.16	52842.33
299.60	6303	0.00	0.00	2.12	3.79	0.00	8.58	0.00	0.00	0.00	0.00	0.00	0.00	45.29	0.00	115.26	117.63	569.49	31909.44
299.60	6304	0.00	0.00	4.89	0.00	0.00	11.89	0.00	0.00	23.31	2.42	0.00	0.00	231.79	0.00	270.53	0.00	0.00	73302.30
299.60	6305	11.54	26.71	1.70	6.32	0.00	2.11	0.00	0.00	0.00	2.31	0.00	0.00	59.62	0.00	65.20	306.58	1991.57	99819.69
299.90	6306	0.00	0.00	16.75	0.00	0.00	7.45	0.00	0.00	0.00	0.00	17.48	11.69	32.20	0.00	0.00	0.00	1324.20	38387.52
299.90	6307	0.00	32.46	3.83	0.00	0.00	20.80	4.20	0.00	155.67	0.00	0.00	0.00	29.20	0.00	122.99	0.00	2954.07	61624.59
299.90	6308	12.65	0.00	8.13	0.00	0.00	-0.84	0.00	0.00	0.00	0.00	0.00	61.63	50.88	0.00	98.52	0.00	1522.50	47867.35
300.15	6309	0.00	32.00	7.29	0.00	0.00	8.51	1.65	0.00	64.57	0.00	307.04	159.18	728.60	0.00	90.85	0.00	2799.69	103984.48
300.15	6310	0.00	0.00	0.00	0.00	0.00	13.11	2.26	0.00	29.47	0.00	68.27	0.00	129.87	3.75	130.84	0.00	2118.08	39991.02
300.15	6311	4.87	36.61	5.27	0.00	0.00	20.05	5.25	0.00	23.81	3.44	0.00	24.63	114.34	0.00	74.95	0.00	1952.23	85630.84
300.35	6312	12.77	65.43	174.21	0.00	0.00	8.61	0.00	0.00	45.52	0.00	79.66	8.28	133.40	0.00	30.71	296.14	6289.25	90045.53
300.70	6313	0.00	0.00	0.00	0.00	0.00	7.73	0.00	0.00	21.69	1.88	35.61	81.56	94.56	0.00	0.00	0.00	1032.45	23427.51
300.70	6314	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	5.63	0.00	53.77	64.50	68.99	0.00	0.00	0.00	1888.02	34417.37
300.70	6315	0.00	0.00	3.99	0.00	0.00	7.66	0.00	0.00	6.62	0.00	144.17	33.45	169.85	0.00	0.00	172.51	846.33	36900.54
300.70	6316	0.00	0.00	1.38	0.00	0.00	-12.99	0.00	0.00	0.00	0.00	118.46	21.28	94.93	0.00	0.00	0.00	0.00	28699.38
300.70	6317	0.00	0.00	0.00	0.00	0.00	6.09	0.00	0.00	41.18	0.00	97.70	49.24	91.12	0.00	0.00	0.00	763.96	25292.95
300.70	6318	14.93	0.00	1.59	0.00	0.00	12.53	0.00	0.00	0.00	0.00	77.67	52.33	141.27	0.00	0.00	0.00	684.53	24865.24
301.00	6319	14.13	0.00	2.86	0.00	0.00	4.15	0.00	0.00	0.00	0.00	84.30	26.19	36.50	0.00	0.00	76.96	2411.58	33312.18
301.10	6320	0.00	0.00	86.13	0.00	0.00	-3.51	0.00	0.00	0.00	56.83	32.95	48.18	12.31	0.00	0.00	13.12	606.16	49837.59
301.10	6321	0.00	0.00	174.93	9.69	0.00	3.53	0.00	0.00	23.91	0.00	79.23	59.78	0.00	0.00	0.00	0.00	0.00	82309.34
301.10	6322	0.00	0.00	70.27	0.00	0.00	5.72	0.00	0.00	0.51	16.68	34.17	37.88	0.00	0.00	0.00	143.63	164.20	67635.18
301.10	6323	0.00	0.00	0.00	0.00	0.00	13.55	0.00	0.00	10.78	0.00	0.00	41.91	47.90	0.00	116.16	0.00	1646.98	16105.10
301.10	6324	0.00	103.27	2.37	15.48	2.90	23.25	0.00	55.26	16.36	0.00	0.00	33.02	116.69	0.00	173.41	80.04	3535.56	18357.01
301.10	6325	10.68	0.00	48.93	0.00	0.00	-9.00	0.00	0.00	0.00	3.29	18.94	21.53	27.40	0.00	0.00	21.34	340.10	78014.95
301.45	6326	0.00	0.00	0.00	0.00	0.00	7.68	0.00	0.00	0.00	0.00	33.26	52.40	56.63	0.00	0.00	105.18	1616.40	50969.04
301.45	6327	0.00	0.00	0.00	6.62	0.00	6.56	0.00	0.00	40.42	0.00	139.67	42.38	61.94	0.00	0.00	70.50	951.48	22114.82
301.45	6328	12.61	51.69	19.45	0.00	0.00	23.95	3.43	0.00	0.00	1.81	106.69	162.26	852.29	0.00	100.32	241.83	1555.83	148433.13

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
301.70	6329	0.00	5.32	7.78	0.00	0.00	2.93	0.00	0.00	83.42	0.00	35.23	33.45	285.75	0.00	0.00	215.34	2538.87	88748.58
301.70	6330	0.00	20.66	2.18	0.00	0.00	8.04	2.32	0.00	31.84	0.00	115.50	28.35	1095.35	0.00	0.00	142.43	1094.99	111308.42
301.70	6331	0.00	0.00	0.00	0.00	0.00	3.36	2.00	0.00	36.97	0.00	0.00	16.91	25.08	0.00	0.00	0.00	2168.91	31784.25
301.70	6332	0.00	0.00	6.33	14.52	0.00	10.57	4.75	0.00	20.52	0.00	0.00	18.49	228.51	0.00	0.00	0.00	880.05	49596.58
301.70	6333	0.00	0.00	2.27	14.23	0.00	-1.55	0.00	0.00	0.00	0.00	0.00	0.00	432.92	0.00	0.00	110.14	859.63	9822.69
301.70	6334	0.00	0.00	16.18	0.00	0.00	8.51	0.00	0.00	0.00	0.00	0.00	15.74	106.54	0.00	95.67	0.00	1590.74	33801.48
301.70	6335	16.12	22.69	12.97	11.28	0.00	3.78	0.00	0.00	46.84	0.00	26.33	0.00	213.26	0.00	145.54	270.52	1546.90	64626.29
302.00	6336	16.14	51.19	15.16	26.03	3.39	3.04	0.00	5.72	0.00	0.00	0.00	16.99	353.68	1.68	108.97	0.00	924.20	88889.09
302.30	6337	11.06	0.00	8.69	6.67	0.00	10.45	2.42	0.00	0.00	0.00	0.00	27.94	52.14	0.00	93.05	97.43	1415.22	36350.50
302.60	6338	10.37	0.00	3.52	2.58	0.00	-5.62	2.43	0.00	29.48	0.00	0.00	0.00	66.08	0.00	111.20	0.00	1071.88	34709.13
302.90	6339	10.46	0.00	0.00	0.00	0.00	4.31	0.00	0.00	0.00	0.00	0.00	0.00	62.89	0.00	139.25	0.00	939.60	62410.19
303.20	6340	0.00	0.00	8.07	0.00	0.00	11.27	0.00	0.00	2.44	2.06	0.00	76.01	0.00	0.00	0.00	0.00	701.17	14893.79
303.20	6341	0.00	0.00	31.95	0.00	0.00	-2.13	7.88	0.00	59.62	2.67	0.00	135.94	11.43	0.00	112.64	110.79	1188.52	60145.82
303.20	6342	11.53	0.00	13.11	0.00	0.00	4.10	2.58	0.00	0.00	0.00	0.00	32.52	15.00	7.44	96.67	64.59	1264.83	29435.10
303.50	6343	15.24	116.17	141.10	0.00	0.00	35.64	3.73	0.00	1.41	1.34	41.65	1432.41	23.35	0.00	147.12	0.00	3047.69	170751.84
303.80	6344	0.00	0.00	0.00	3.98	0.00	12.12	4.56	0.00	73.58	0.00	0.00	0.00	41.40	0.00	124.40	0.00	1093.05	41274.34
303.80	6345	0.00	0.00	6.37	0.00	0.00	10.55	0.00	0.00	0.00	0.00	0.00	19.95	59.60	0.00	106.64	0.00	617.91	42631.71
303.80	6346	13.06	0.00	24.94	0.00	0.00	2.90	0.00	0.00	0.00	1.29	0.00	193.64	11.65	0.00	0.00	0.00	2224.42	71639.87
304.10	6349	0.00	0.00	0.00	0.00	0.00	1.09	1.60	0.00	26.58	0.00	0.00	0.00	71.16	0.00	0.00	197.15	917.96	29347.09
304.10	6350	0.00	0.00	0.00	0.00	0.00	-4.82	2.08	0.00	37.41	0.00	0.00	0.00	160.85	0.00	0.00	141.50	894.73	40103.68
304.10	6351	0.00	0.00	4.04	0.00	0.00	-0.74	2.35	0.00	0.00	2.52	0.00	29.81	91.15	3.35	0.00	229.75	1476.16	39745.30
304.10	6352	0.00	0.00	3.46	2.04	0.00	4.82	0.00	0.00	0.00	0.00	0.00	16.01	91.41	0.00	0.00	101.14	663.33	28373.18
304.10	6353	13.38	0.00	0.00	0.00	0.00	1.51	0.00	0.00	3.15	0.00	28.41	15.45	86.30	0.00	0.00	0.00	0.00	25906.32
304.40	6354	0.00	0.00	0.00	5.05	0.00	2.99	0.00	0.00	12.58	0.00	0.00	20.27	140.98	0.00	139.44	340.86	903.66	41602.54
304.40	6355	0.00	0.00	1.78	10.04	0.00	5.14	3.31	0.00	16.75	0.00	0.00	32.10	85.70	0.00	98.51	170.94	1027.32	43018.08
304.40	6356	0.00	0.00	5.54	20.35	0.00	-6.52	1.37	0.00	33.91	0.00	0.00	34.46	145.54	0.00	130.17	164.08	1095.92	44997.92
304.40	6357	11.11	0.00	4.12	10.63	0.00	7.90	1.67	0.00	0.00	0.00	0.00	17.03	96.81	0.00	136.61	0.00	601.34	35497.69
304.70	6358	0.00	29.60	4.49	9.64	0.00	1.04	0.00	0.00	0.00	0.00	0.00	18.22	61.99	0.00	0.00	0.00	1244.16	63323.32
304.70	6359	11.94	0.00	0.00	0.00	0.00	8.74	1.52	0.00	41.36	1.41	0.00	14.38	53.16	0.00	125.77	0.00	354.52	64645.70
305.00	6360	0.00	5.86	3.60	0.00	0.00	2.56	0.00	0.00	0.00	0.00	0.00	69.02	46.87	0.00	101.60	216.50	926.33	54785.67
305.00	6361	0.00	1.38	0.00	0.00	0.00	5.25	0.00	0.00	23.84	0.00	0.00	63.14	44.94	2.40	131.13	223.66	1053.28	53267.08
305.00	6362	0.00	59.52	0.00	0.00	0.00	7.59	3.05	0.00	21.23	0.00	0.00	49.71	79.91	0.00	161.97	130.85	1376.02	68271.44
305.00	6363	0.00	24.23	0.00	14.45	0.00	8.68	2.34	0.00	11.34	0.00	0.00	15.35	71.51	0.00	98.76	173.25	523.36	61490.97
305.00	6364	0.00	18.47	1.39	0.00	0.00	14.38	4.26	0.00	13.34	0.00	0.00	38.59	45.40	0.00	95.99	107.27	1070.85	59130.50
305.00	6365	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	82.57	20.87	0.00	124.18	0.00	1659.42	22568.46
305.00	6366	9.38	2.79	0.00	0.00	0.00	-3.28	2.78	0.00	50.05	1.29	0.00	27.93	79.70	3.77	123.41	267.56	639.34	63135.92
305.30	6367	0.00	47.54	1.01	0.00	0.00	7.09	0.00	0.00	93.65	0.00	0.00	21.11	23.89	0.00	23.08	0.00	1478.54	79983.56
305.30	6368	0.00	6.87	0.00	0.00	0.00	10.88	2.83	0.00	0.00	0.00	0.00	21.65	25.98	0.00	123.74	0.00	1528.41	68964.45
305.30	6369	0.00	51.43	0.00	2.50	0.00	14.13	0.00	0.00	50.16	0.00	0.00	0.00	27.88	0.00	3.51	0.00	1126.31	80326.41
305.30	6370	0.00	41.02	1.82	0.00	0.00	9.44	1.84	0.00	10.32	0.00	0.00	23.90	47.18	0.00	118.11	18.00	1287.11	76102.66
305.30	6371	11.28	3.69	5.90	0.00	0.00	6.09	2.70	0.00	0.00	0.00	0.00	29.02	37.33	0.00	0.00	0.00	1225.10	81389.52

The Providence 2012 Gold Discovery on the Black Bear Project - Portable XRF Results for BB12-07

Mtrs	XRF#	Au-ppm	Ag	As	Bi	Sb	Hg	Se	Sn	W	Mo	Pb	Cu	Zn	Cd	Ni	Co	Mn	Fe
305.60	6372	0.00	4.49	4.87	6.62	0.00	4.32	0.00	0.00	12.99	0.00	0.00	31.53	20.81	0.00	0.00	0.00	1757.18	38458.54
305.60	6373	0.00	0.00	6.09	3.95	0.00	12.35	0.00	0.00	2.48	0.00	0.00	0.00	23.51	0.00	106.75	0.00	1489.28	40670.28
305.60	6374	17.80	0.00	2.16	6.51	0.00	-2.07	1.76	0.00	0.00	0.00	0.00	12.69	39.00	0.00	99.11	320.75	1164.03	51386.95
305.90	6375	0.00	12.85	47.10	7.00	0.00	-0.65	0.00	0.00	0.00	6.02	0.00	38.80	37.32	8.91	146.62	86.80	2251.92	63515.61
305.90	6376	0.00	0.00	0.00	9.13	0.00	23.11	0.00	0.00	32.85	0.00	0.00	21.00	26.45	0.00	0.00	0.00	1988.19	43768.03
305.90	6377	0.00	0.00	6.44	0.00	0.00	-6.64	0.00	0.00	0.00	0.00	0.00	26.00	24.80	0.00	107.54	186.93	1187.05	47802.62
305.90	6378	0.00	0.00	15.74	0.00	0.00	12.20	0.00	0.00	65.98	0.00	0.00	20.04	50.62	0.00	115.68	67.95	1986.26	57564.79
305.90	6379	9.59	1.42	1.08	10.51	0.00	5.20	0.00	0.00	0.00	2.59	0.00	24.25	55.10	0.00	142.55	3.09	2111.94	68375.23
306.20	6380	0.00	0.00	0.00	15.23	0.00	-5.58	0.00	0.00	25.50	0.00	0.00	17.82	21.06	0.00	0.00	0.00	1419.15	39695.72
306.20	6381	0.00	0.00	0.00	18.91	0.00	-4.68	0.00	0.00	39.59	0.00	0.00	24.73	16.81	0.00	0.00	0.00	0.00	30286.02
306.20	6382	8.88	0.00	1.11	6.90	0.00	5.98	0.00	0.00	0.00	0.00	0.00	27.77	45.38	0.00	0.00	0.00	1287.53	63778.01
306.50	6383	0.00	0.00	0.00	0.00	0.00	9.43	2.10	0.00	18.39	0.00	0.00	20.62	23.29	0.00	0.00	57.30	511.41	63441.50
306.50	6384	0.00	0.00	3.76	0.00	0.00	1.68	1.59	0.00	14.39	0.00	0.00	20.08	31.75	0.00	0.00	0.00	528.81	53171.22
306.50	6385	0.00	0.00	6.17	0.00	0.00	9.75	1.68	0.00	43.06	0.00	0.00	0.00	31.56	0.00	0.00	162.31	804.35	46117.54
306.50	6386	11.73	0.00	5.04	5.09	0.00	0.74	0.00	0.00	0.00	0.00	0.00	24.29	30.19	0.00	0.00	201.62	1222.89	50235.79
306.80	6387	20.30	52.92	0.00	0.00	0.00	-1.00	0.00	0.00	0.00	0.00	0.00	21.80	22.96	0.00	115.82	55.39	2660.58	46444.81
307.10	6388	9.62	0.00	0.00	0.00	0.00	2.19	0.00	0.00	0.00	0.00	0.00	19.61	22.19	0.00	0.00	85.97	1671.00	43822.11
307.40	6389	0.00	0.00	1.20	0.00	0.00	12.95	0.00	0.00	74.99	0.00	0.00	24.58	33.62	0.00	91.02	0.00	974.84	41381.95
307.40	6390	11.77	0.00	0.00	10.12	0.00	16.99	0.00	0.00	0.00	0.00	0.00	0.00	22.59	0.00	0.00	0.00	1098.62	24594.80
307.70	6391	0.00	7.64	0.00	8.79	0.00	21.20	0.00	0.00	102.49	0.00	0.00	0.00	29.14	2.47	101.80	0.00	1132.80	53903.27
307.70	6392	0.00	14.86	0.00	0.00	0.00	10.27	0.00	0.00	12.39	4.49	0.00	32.54	60.24	0.00	89.96	124.49	1047.11	80341.00
307.70	6393	12.44	7.50	0.00	0.00	0.00	-3.41	0.00	0.00	0.00	8.20	0.00	26.49	44.05	0.00	97.14	124.70	1549.33	67493.94
308.00	6394	0.00	0.00	0.00	0.00	0.00	7.46	0.00	0.00	0.00	0.00	0.00	0.00	25.71	0.00	0.00	0.00	1280.30	59675.50
308.00	6395	0.00	11.93	0.00	10.79	0.00	7.63	0.00	0.00	3.50	0.00	0.00	15.89	36.10	0.00	123.21	0.00	913.78	56281.91
308.00	6396	0.00	3.69	0.00	0.00	0.00	13.67	0.00	0.00	6.27	0.00	0.00	0.00	30.76	0.00	101.21	223.79	1029.89	61954.75
308.00	6397	10.00	0.00	0.00	0.00	0.00	8.38	2.31	0.00	0.00	3.44	0.00	18.09	38.04	0.00	128.46	0.00	857.34	61412.79
308.25	6398	0.00	0.00	0.00	45.37	0.00	0.00	2.49	0.00	97.10	70.54	7471.52	52.97	1.86	0.00	0.00	0.00	712.69	62011.49
308.25	6399	0.00	0.00	0.00	0.00	0.00	3.24	3.92	0.00	26.15	2.34	54.19	16.43	40.82	0.00	98.44	283.13	2038.17	40549.57
308.25	6400	0.00	0.00	0.00	9.99	0.00	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1165.77
308.25	6401	0.00	0.00	0.00	7.49	11.30	10.11	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00	0.00	82.35	402.41	45348.23
308.25	6402	0.00	0.00	0.00	20.04	0.00	0.95	1.94	0.00	0.00	0.00	0.00	0.00	17.12	0.00	0.00	0.00	0.00	2155.29
308.55	6403	28.63	0.00	0.00	13.50	0.00	-205.69	17.39	0.00	0.00	6.67	280.80	27.02	117212.15	374.88	14.38	0.00	0.00	17751.85
308.50	6404	0.00	50.51	1.62	6.05	0.00	14.55	0.00	0.00	19.53	1.36	0.00	0.00	57.85	0.00	128.56	0.00	376.67	5089.34
309.00	6405	0.00	0.00	0.00	5.39	0.00	8.16	0.00	0.00	0.00	0.00	0.00	0.00	54.88	0.00	0.00	0.00	0.00	3999.94
309.00	6406	0.00	0.00	0.00	15.46	0.00	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	136.82
309.00	6407	0.00	0.00	0.00	24.82	5.55	10.56	0.00	0.00	11.93	0.00	0.00	12.40	29.19	0.00	0.00	0.00	163.02	1432.71
309.00	6408	0.00	0.00	0.00	2.05	0.00	4.60	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.10
309.30	6409	0.00	0.00	0.00	9.34	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.64
309.30	6410	0.00	0.00	0.00	22.03	0.00	19.48	5.38	0.00	0.00	7.21	0.00	165.22	98.99	0.00	0.00	0.00	0.00	2840.45
309.30	6411	0.00	0.00	0.00	0.00	0.00	5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.36

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
12.7	0.00	0.00	12059.20	133.75	360.23	15.32	0.00	74.54	11.38	8.07
20.7	0.00	0.00	2074.63	66.40	320.12	2.13	13.08	13.79	1.55	4.13
20.9	0.00	0.00	2668.09	49.41	54.42	6.46	1.81	18.32	2.58	1.04
20.9	0.00	0.00	2789.73	39.90	42.67	0.00	0.00	12.34	1.10	1.13
20.9	1254.28	1463.71	0.00	42.60	45.62	4.23	4.19	12.60	1.97	1.42
21.9	112.66	0.00	2851.91	369.75	82.67	15.43	10.81	91.98	11.55	5.66
21.9	2062.75	1812.70	880.65	215.70	68.40	20.30	13.02	82.24	8.68	3.18
22.6	1070.59	1087.27	7544.44	532.34	89.95	19.26	6.75	84.48	24.85	2.89
22.6	0.00	0.00	14351.54	614.97	69.47	35.32	14.84	77.59	42.95	4.84
23.5	0.00	0.00	9325.36	0.00	154.84	0.00	0.00	0.00	317.77	0.00
24.7	2683.16	2702.90	2132.24	228.01	301.20	30.70	10.39	151.59	24.34	4.22
29.9	0.00	0.00	19836.07	299.27	143.56	29.32	7.25	143.20	38.14	8.79
32.9	1003.74	405.82	2667.30	229.89	159.98	20.39	2.53	72.41	15.95	4.23
33.5	0.00	0.00	8181.35	125.54	123.36	14.06	4.65	69.68	8.82	1.65
33.5	0.00	0.00	16578.41	144.80	117.13	0.00	4.03	64.65	7.25	2.09
33.5	0.00	0.00	16116.89	293.61	106.72	29.24	6.77	66.34	21.81	5.38
34.6	2373.40	2452.39	0.00	117.24	112.60	9.14	3.56	70.89	10.68	1.87
35.5	0.00	0.00	9902.69	226.97	171.05	20.36	5.66	131.34	20.89	4.08
35.5	0.00	0.00	10645.79	193.25	155.29	15.18	4.88	125.25	16.84	2.90
35.5	0.00	0.00	5941.01	159.71	187.93	15.67	6.94	124.95	14.97	2.77
36.1	0.00	0.00	18426.04	385.81	217.58	30.66	10.70	102.63	29.96	2.35
36.3	0.00	0.00	23026.52	266.25	383.91	36.32	19.75	132.13	26.31	6.95
37.2	0.00	0.00	13125.29	190.04	236.92	21.20	8.97	144.07	19.18	3.14
37.2	1882.34	2190.24	6359.68	178.70	194.75	19.21	3.84	141.68	21.29	2.93
37.6	430.69	573.01	23724.67	1294.51	299.76	82.61	26.75	74.63	114.96	3.56
37.8	0.00	154.88	9413.62	326.78	136.02	39.57	7.91	178.86	31.79	2.77
38.5	0.00	0.00	6702.48	100.59	378.29	19.22	18.98	88.94	8.56	1.97
38.9	0.00	0.00	14215.27	238.04	137.16	29.48	10.43	159.61	31.67	6.32
38.9	0.00	0.00	10245.20	437.76	169.72	41.60	13.11	136.08	28.36	6.87
38.3	1063.76	997.25	1052.28	198.93	91.11	16.86	3.76	131.53	13.05	2.80
39.3	1750.05	2233.30	0.00	141.18	103.34	27.02	4.02	130.77	14.18	1.79
39.3	344.24	277.30	1810.93	130.10	103.25	12.31	7.74	103.54	11.34	2.14
39.5	500.93	892.44	0.00	37.27	57.71	6.77	7.20	38.92	4.94	1.00
40.2	0.00	0.00	6228.63	164.31	166.82	18.49	5.17	149.59	18.31	3.19
41.3	1798.63	1805.80	0.00	2.65	195.05	4.23	7.73	1.18	0.00	1.20
41.3	1989.36	1629.92	0.00	13.76	746.33	22.58	0.00	0.00	7.12	2.47
41.4	0.00	0.00	1358.12	3.05	322.80	29.32	6.03	3.96	4.72	2.03
42.1	152.17	291.70	0.00	7.02	49.41	17.86	0.00	5.48	0.00	1.73
42.1	3751.67	3445.12	0.00	2.90	111.24	0.00	4.60	2.21	1.09	2.73
42.1	774.07	617.74	0.00	11.56	25.41	33.95	7.68	9.44	2.86	5.61
42.1	284.20	266.98	0.00	6.58	35.56	22.11	11.32	11.89	4.09	5.20

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
42.6	1646.24	1150.77	7835.06	128.14	944.25	18.65	7.67	57.49	9.69	2.07
42.6	447.92	250.90	4366.31	225.43	343.56	29.45	18.18	11.68	27.98	2.72
42.7	0.00	0.00	1966.07	71.54	327.75	16.33	12.22	5.45	3.06	1.00
43.0	0.00	0.00	1400.09	5.65	300.38	17.73	3.21	1.67	3.44	1.00
43.0	167.68	243.15	0.00	5.94	957.36	16.42	10.30	7.14	0.00	2.27
43.1	0.00	0.00	2414.82	5.96	739.06	5.81	21.31	4.57	3.50	2.83
43.8	0.00	0.00	15469.20	661.22	961.33	31.49	15.22	5.37	75.06	4.23
44.1	0.00	0.00	2203.05	132.25	78.85	8.91	0.00	3.39	9.09	1.08
44.2	1.85	57.26	1004.78	46.04	90.20	28.22	5.68	7.03	10.16	1.00
46.3	3796.55	3211.17	8114.57	92.90	291.08	5.26	6.69	32.61	9.35	1.36
46.3	5933.33	4969.13	3547.13	96.14	218.46	9.69	2.21	33.41	11.50	1.83
46.3	2994.56	2487.20	0.00	65.44	173.84	6.22	0.00	24.65	6.35	1.44
46.3	0.00	0.00	2117.75	85.79	189.59	1.08	5.10	22.53	4.32	1.34
47.4	0.00	0.00	15734.98	635.97	138.90	26.86	13.75	166.50	26.99	5.87
47.5	2698.09	2653.60	5834.69	242.11	158.65	29.00	0.00	143.46	20.84	9.45
49.4	0.00	0.00	3580.18	39.42	976.82	14.39	19.78	9.17	2.76	1.06
49.4	2424.15	2208.85	0.00	1.80	945.21	5.35	17.38	4.13	0.00	1.12
49.8	0.00	0.00	950.05	16.32	455.47	24.27	16.48	1.04	2.22	1.47
49.8	0.00	0.00	2716.85	12.68	335.52	18.82	17.79	8.61	6.94	1.53
52.7	0.00	0.00	26001.78	311.79	1451.95	35.14	23.52	133.36	29.21	7.35
53.0	0.00	0.00	6505.04	157.22	723.19	12.66	26.52	17.81	12.78	2.42
53.0	0.00	0.00	5930.46	184.49	607.57	21.04	18.32	17.55	16.43	3.18
53.8	1715.86	1957.61	28.57	167.52	574.00	10.82	18.19	15.79	12.31	3.30
54.3	0.00	0.00	10150.22	178.32	136.50	37.81	14.91	107.33	18.87	1.02
54.9	0.00	0.00	7092.32	155.72	235.30	12.08	14.30	100.39	14.00	2.53
55.5	190.03	0.00	8697.50	309.00	1391.67	37.70	32.93	71.33	7.96	6.73
55.5	0.00	0.00	15281.64	273.44	1618.93	27.46	27.02	58.79	12.13	6.05
56.0	0.00	0.00	4786.51	210.55	248.98	20.94	10.23	84.66	15.90	7.07
56.2	0.00	0.00	9635.81	140.82	186.03	23.42	10.07	137.87	18.50	2.82
56.4	0.00	0.00	17818.68	356.15	209.42	41.90	15.51	158.55	28.38	1.76
56.9	403.70	1241.99	6367.81	254.23	386.92	33.45	10.43	136.36	21.51	7.53
58.2	0.00	0.00	4561.64	57.73	128.51	0.00	7.81	91.80	3.16	1.00
58.2	0.00	0.00	5493.42	85.43	167.77	11.54	7.50	117.01	5.12	1.00
58.5	0.00	0.00	9302.40	198.38	194.98	20.76	10.95	139.39	22.03	5.56
58.5	2066.69	2001.35	3485.92	188.93	201.27	11.74	13.53	145.96	20.61	4.40
58.9	0.00	0.00	10838.73	235.58	192.46	29.71	16.96	156.15	27.81	6.48
59.0	0.00	0.00	4429.17	164.25	224.26	0.00	14.94	52.86	5.65	2.24
59.4	4257.88	3242.09	0.00	125.21	317.28	5.78	19.31	51.45	9.55	2.48
60.6	0.00	0.00	8237.64	231.15	285.00	12.62	13.28	63.25	8.29	9.47
61.2	1786.00	1548.02	10562.43	325.89	181.52	45.15	15.50	93.92	30.63	5.46
61.8	0.00	0.00	4811.26	108.44	128.37	0.00	5.95	44.38	6.52	1.88

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
62.0	328.27	700.23	1125.50	130.95	123.03	10.72	11.39	48.14	5.52	2.38
65.5	0.00	0.00	6144.94	95.28	132.07	7.37	3.19	60.89	9.08	1.00
67.4	0.00	0.00	8356.37	208.24	117.14	20.09	5.77	155.92	20.47	2.72
68.2	0.00	0.00	4127.70	295.16	361.31	7.08	11.65	38.18	7.38	7.04
68.7	0.00	0.00	4902.98	192.24	304.85	12.19	10.23	20.43	8.44	2.86
69.2	0.00	0.00	12928.42	366.03	251.88	11.25	9.01	66.61	8.72	3.40
73.2	30.88	537.62	8283.68	217.44	259.62	9.76	11.12	57.50	10.66	4.45
73.8	703.94	1079.16	9261.11	327.23	206.13	7.01	14.77	60.42	11.97	3.06
74.1	0.00	0.00	14465.05	366.12	267.62	14.21	20.52	87.06	15.67	5.11
76.0	0.00	0.00	1587.70	147.31	162.46	9.67	2.20	7.43	5.23	2.27
76.2	21756.11	19251.15	0.00	455.53	165.70	283.22	474.06	71.10	80.77	41.11
76.8	589.00	647.49	2843.15	122.98	354.21	0.00	11.26	55.50	9.19	1.27
77.4	0.00	0.00	11899.53	571.47	455.63	37.08	11.03	116.31	30.72	4.26
77.6	20.19	393.41	3632.56	162.56	619.70	27.09	23.53	84.96	12.49	2.94
120.2	0.00	0.00	5948.27	116.38	188.42	0.00	4.52	52.62	7.37	2.13
127.6	0.00	0.00	3770.09	7.77	1713.49	17.13	18.46	37.01	0.00	1.81
127.7	131.09	167.60	594.01	0.00	186.89	0.00	4.95	10.03	0.00	1.00
132.0	2168.68	525.15	1586.84	50.79	112.06	7.07	0.00	6.54	1.45	1.00
138.1	2338.10	1866.17	0.00	211.89	471.25	23.87	14.44	13.05	11.21	7.34
141.9	0.00	0.00	6685.45	16.56	208.56	0.00	16.34	0.00	0.00	3.77
142.0	0.00	0.00	8061.99	148.03	120.21	11.65	8.42	65.56	10.14	4.97
145.7	352.13	0.00	4339.65	49.31	3.09	0.00	0.00	2.81	2.05	1.00
146.2	0.00	0.00	6022.49	29.48	3.33	0.00	0.00	64.50	0.00	1.00
147.5	0.00	0.00	9849.58	37.56	69.93	1.10	2.89	59.53	0.00	1.49
148.4	0.00	0.00	10772.70	34.53	83.94	0.00	0.00	60.07	0.00	1.02
148.6	0.00	0.00	7945.32	39.44	122.21	1.42	1.31	84.88	0.00	1.98
148.6	4070.53	3315.26	0.00	28.62	160.99	4.62	4.32	79.44	1.64	2.20
150.6	0.00	0.00	9762.16	82.90	168.30	7.82	5.59	37.61	0.00	1.75
150.9	1077.59	1227.29	6901.51	93.24	117.61	0.00	6.34	84.93	2.70	2.64
151.5	0.00	0.00	13218.81	353.69	164.87	34.05	11.97	73.09	21.63	3.41
151.6	5751.91	2709.29	3692.98	220.30	162.82	25.15	19.99	131.16	24.86	4.77
151.9	0.00	0.00	9087.71	40.61	166.38	0.00	6.32	90.48	0.00	1.00
152.4	906.78	914.70	12862.59	79.01	45.27	4.02	2.28	69.76	0.00	1.00
152.7	734.83	56.94	2556.09	24.38	204.97	0.00	0.00	12.58	0.00	2.36
153.2	2286.34	2209.20	3162.41	84.09	63.06	7.68	1.35	55.04	0.00	1.00
153.5	825.13	649.11	9371.34	124.08	119.22	9.00	6.45	35.85	2.18	2.96
154.2	0.00	0.00	11516.15	81.30	61.69	0.00	0.00	20.26	1.60	1.00
154.4	0.00	0.00	7243.99	50.53	71.31	5.07	1.48	18.07	3.17	2.02
154.4	628.24	528.26	7292.16	48.65	70.83	0.00	1.80	35.33	2.54	1.00
155.1	108.71	0.00	3676.84	34.77	203.07	0.00	2.43	15.64	2.40	1.84
156.2	0.00	0.00	22737.35	37.29	183.92	0.00	4.45	6.74	0.00	1.00

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
157.0	0.00	0.00	23569.47	95.01	79.23	0.00	3.15	34.59	0.00	2.50
158.2	0.00	0.00	6667.03	48.59	72.57	0.00	1.49	1.00	0.00	1.38
158.2	0.00	0.00	14996.50	61.38	79.72	0.00	2.79	8.03	0.00	1.83
158.2	1573.01	0.00	13808.92	74.80	62.88	0.00	6.74	29.50	0.00	2.20
158.8	1615.48	1783.07	10492.49	88.89	66.63	0.00	2.62	34.39	0.00	2.61
158.8	1767.49	2014.26	8999.85	83.84	66.47	5.85	0.00	33.03	0.00	3.54
159.1	553.59	384.97	12798.44	50.41	63.78	4.69	0.00	19.33	0.00	1.69
159.7	2850.15	1071.82	4731.50	28.09	43.67	0.00	6.38	21.08	0.00	1.00
159.7	0.00	0.00	1302.53	14.67	106.38	0.00	0.00	5.75	0.00	1.00
159.7	1001.86	785.23	1141.12	17.60	125.71	3.25	5.81	7.90	0.00	1.13
160.6	1299.58	1580.82	4859.04	63.00	129.51	4.33	6.37	29.07	2.19	2.91
161.5	0.00	0.00	11085.21	134.15	28.82	0.00	2.75	39.27	0.00	1.63
162.2	0.00	0.00	7882.42	37.69	7.03	2.77	1.71	73.80	1.57	1.00
162.9	0.00	0.00	5018.60	9.35	69.89	0.00	0.00	14.46	4.49	1.00
163.8	38.57	0.00	5589.19	14.59	18.41	0.00	0.00	27.29	0.00	1.00
163.8	561.69	0.00	4341.15	12.40	44.44	0.00	0.00	36.31	1.71	1.00
164.3	0.00	0.00	4801.28	0.00	513.91	11.30	0.00	2.78	0.00	1.30
164.7	3112.03	1702.23	0.00	11.01	101.65	0.00	4.98	61.88	1.26	1.00
165.2	1768.29	1025.04	0.00	15.20	117.74	5.27	2.08	41.88	0.00	1.00
165.4	0.00	0.00	2607.74	9.72	128.92	0.00	4.55	21.37	1.76	1.00
165.7	0.00	0.00	4032.92	15.63	55.79	0.00	4.33	23.89	2.50	1.00
165.8	2884.57	1728.04	0.00	6.69	88.03	0.00	0.00	14.10	0.00	1.00
166.6	4793.23	1925.02	0.00	19.85	54.87	0.00	4.45	44.64	0.00	1.00
167.2	1178.11	250.96	1062.62	9.74	258.02	3.34	5.80	84.36	0.00	1.80
167.3	2523.76	1575.21	0.00	44.87	34.17	0.00	3.71	232.61	3.11	1.00
167.3	0.00	0.00	7656.29	76.64	58.27	5.89	2.44	249.90	3.76	1.00
167.5	0.00	0.00	7548.06	9.44	236.04	0.00	5.30	55.45	0.00	1.34
167.6	1778.25	1495.64	0.00	2.94	250.70	13.31	8.82	20.51	1.91	1.00
167.7	1115.42	1629.44	1286.11	1.25	159.79	0.84	3.25	197.83	1.94	1.00
167.8	1120.90	541.68	2102.05	0.00	409.00	0.00	4.70	146.31	0.00	1.00
167.8	832.18	0.00	4818.33	17.81	260.94	3.00	1.08	176.45	2.43	1.00
167.9	131.15	0.00	4799.29	16.77	121.00	2.92	0.00	232.39	0.00	1.00
168.1	1338.75	0.00	5110.47	15.12	64.21	0.90	1.42	236.50	0.00	1.00
168.2	0.00	0.00	2909.07	10.13	163.17	2.39	0.00	119.25	0.00	1.00
168.7	472.46	0.00	2141.00	20.34	46.04	1.01	1.42	167.14	2.30	1.00
169.0	0.00	0.00	4990.12	19.86	42.89	0.00	0.00	42.30	0.00	1.04
170.1	36.17	0.00	4955.54	28.84	72.87	0.00	2.79	26.18	0.00	1.00
170.7	0.00	0.00	10611.89	70.45	54.11	0.00	8.69	27.71	1.39	2.79
171.0	0.00	0.00	9257.66	71.48	124.05	3.67	3.07	11.37	1.61	3.12
171.4	1273.86	1388.59	5326.58	85.75	70.99	0.00	4.59	2.77	4.21	3.18
171.6	2766.36	2924.70	2128.49	60.19	81.50	0.00	8.26	3.98	0.00	3.08

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
171.9	0.00	0.00	11176.25	62.07	89.58	6.95	0.00	2.57	2.99	2.83
172.2	0.00	0.00	5573.41	11.18	113.43	1.82	4.49	0.00	0.00	2.01
172.4	330.18	537.98	4394.24	46.77	162.84	0.00	2.35	2.23	1.83	2.23
172.7	415.05	638.32	7395.63	103.03	173.51	5.01	5.53	9.69	2.12	3.46
172.9	0.00	0.00	14075.98	79.09	118.90	0.00	3.64	4.26	0.00	3.73
173.0	0.00	0.00	9396.65	66.58	2407.20	31.30	24.43	10.56	0.00	6.56
173.3	0.00	0.00	12920.93	79.21	194.42	0.00	5.40	5.38	2.47	3.17
173.4	0.00	0.00	9334.19	14.23	173.76	5.14	4.19	1.00	1.33	1.12
173.6	0.00	0.00	0.00	2.28	160.04	4.07	3.33	0.00	0.00	1.00
173.7	0.00	0.00	4358.53	11.34	62.82	0.00	5.22	1.59	1.03	1.00
173.9	0.00	0.00	2038.56	19.71	60.20	0.00	0.00	1.00	1.12	1.00
174.2	0.00	0.00	2032.95	15.69	27.21	0.00	6.57	2.43	0.00	1.00
175.0	924.05	11.47	1428.63	13.49	57.18	0.00	0.00	11.33	2.72	1.00
175.3	330.57	0.00	4252.59	15.75	49.70	2.38	1.08	3.89	0.00	1.00
176.2	1543.06	737.75	0.00	13.51	46.76	1.59	3.28	11.60	0.00	1.00
176.4	93.55	0.00	1306.79	17.76	47.79	0.00	1.18	21.17	0.00	1.00
176.4	0.00	0.00	5800.67	13.53	55.28	7.52	0.00	21.40	0.00	1.00
176.8	2080.30	738.35	1109.89	16.88	25.35	0.00	0.00	3.19	0.00	1.00
176.9	612.70	0.00	802.42	11.31	45.47	4.99	2.99	2.06	0.00	1.00
177.1	0.00	0.00	3527.60	32.38	114.71	0.00	3.24	5.76	0.00	1.33
177.4	2799.23	2649.62	0.00	19.38	41.72	0.00	2.54	15.81	0.00	1.10
178.1	385.28	789.09	5851.12	77.26	127.92	9.49	1.04	4.39	1.13	4.73
178.3	0.00	0.00	9160.86	71.33	35.36	0.00	5.17	1.87	0.00	3.68
178.6	0.00	0.00	10253.81	84.52	103.16	0.00	6.21	2.02	2.96	4.28
178.9	0.00	0.00	6653.05	72.27	70.89	8.25	0.00	11.40	1.12	3.48
179.1	0.00	0.00	9216.33	79.39	75.94	9.56	2.21	17.17	1.42	3.16
179.3	0.00	0.00	11373.67	87.93	148.18	7.62	6.20	32.91	0.00	4.39
179.7	785.85	1091.07	1067.33	40.02	81.46	1.03	3.62	28.67	0.00	1.69
180.0	2625.96	1901.00	0.00	27.75	72.00	4.78	3.83	5.21	0.00	1.74
180.6	1965.22	2127.69	901.24	48.04	59.80	6.59	0.00	13.54	0.00	1.89
180.9	2004.35	2049.18	0.00	41.62	72.83	0.00	3.04	25.83	1.37	1.73
181.1	0.00	32.50	4158.85	47.11	32.75	8.55	1.97	48.58	3.35	1.46
181.1	383.35	0.00	3776.03	27.47	76.86	0.00	3.01	1.00	0.00	1.58
181.2	0.00	0.00	2342.72	23.20	29.27	0.00	1.58	10.29	0.00	1.39
181.4	0.00	0.00	2964.26	2.46	84.56	0.00	2.97	1.00	0.00	1.00
181.6	0.00	0.00	6411.18	50.55	68.97	0.00	0.00	26.31	1.24	2.05
182.3	839.06	1300.28	5084.36	79.89	52.55	0.00	0.00	12.30	1.05	3.57
182.4	0.00	0.00	3532.00	22.79	36.66	1.38	0.00	7.62	1.78	1.11
182.6	0.00	0.00	6625.45	61.85	48.46	11.90	0.00	3.41	3.86	3.17
183.2	0.00	0.00	12900.31	95.87	78.36	5.41	6.58	1.02	2.53	3.32
183.5	0.00	0.00	5511.08	56.08	140.22	0.00	3.22	7.09	0.00	3.40

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
184.0	0.00	0.00	3887.60	34.64	146.28	5.16	4.61	7.37	1.00	1.94
184.5	0.00	0.00	7829.00	28.10	127.47	2.87	1.06	28.81	0.00	2.30
184.7	0.00	0.00	6733.04	44.87	111.77	0.00	6.36	2.72	0.00	2.58
185.0	0.00	0.00	7240.04	46.08	47.18	5.87	0.00	5.41	0.00	2.06
185.3	0.00	0.00	6538.42	18.89	110.62	2.89	0.00	11.12	0.00	1.71
185.9	0.00	0.00	3967.59	72.27	115.97	0.00	0.00	13.81	3.49	5.02
186.1	0.00	0.00	7601.18	100.86	60.98	4.70	0.00	57.09	1.65	2.70
186.2	0.00	0.00	9871.40	70.66	76.00	0.00	0.00	11.85	2.14	2.59
186.3	0.00	0.00	7190.29	59.25	1153.06	12.95	20.40	3.60	0.00	3.34
186.5	1088.03	1170.02	6088.18	95.12	221.62	0.00	0.00	15.64	1.77	2.41
186.5	0.00	0.00	9950.47	66.88	49.56	4.06	2.81	7.50	0.00	2.55
186.6	0.00	0.00	6274.06	59.96	45.15	6.83	1.25	18.42	0.00	1.41
186.6	0.00	0.00	5434.81	61.87	78.34	0.00	0.00	20.84	1.11	2.20
187.0	0.00	0.00	8952.58	84.93	35.98	0.00	4.55	41.14	0.00	5.61
187.3	0.00	0.00	16720.46	126.35	40.40	6.52	5.56	50.44	5.57	4.78
187.7	0.00	0.00	13760.32	180.80	47.95	1.26	5.43	54.08	9.41	6.07
188.5	0.00	0.00	18125.22	119.13	30.41	0.00	1.44	39.15	3.11	6.17
189.0	0.00	0.00	7483.53	57.96	205.73	0.00	0.00	8.80	0.00	8.07
189.5	2839.42	2880.92	2292.06	124.29	42.26	2.49	2.09	8.54	4.05	7.32
189.9	0.00	0.00	7287.39	102.05	30.67	0.00	0.00	9.56	2.24	2.75
190.5	1384.86	825.94	1913.91	26.75	62.92	0.00	0.00	1.00	1.98	1.73
190.8	0.00	0.00	5357.12	54.66	52.62	0.00	0.00	2.96	3.24	1.08
190.8	869.05	236.18	2564.43	48.19	127.47	2.95	4.73	4.22	1.40	4.01
190.8	729.46	0.00	4432.63	63.42	62.36	0.00	2.10	4.14	2.74	1.29
190.9	550.52	933.77	5149.76	70.59	85.21	3.16	0.00	1.00	0.00	3.77
191.4	921.56	1319.46	9453.68	86.82	128.98	8.02	0.00	0.00	1.04	4.24
191.6	0.00	0.00	5650.97	51.84	144.94	0.00	5.25	1.00	1.26	1.28
191.7	0.00	0.00	1936.27	0.00	40.12	0.85	0.00	1.00	2.43	1.00
192.0	0.00	0.00	16894.59	154.17	12.16	0.00	0.00	69.34	4.23	3.15
192.3	0.00	0.00	15688.15	95.64	133.61	2.73	7.07	20.44	2.67	2.82
192.3	0.00	0.00	10639.63	90.01	151.28	7.98	2.18	27.21	1.39	3.41
192.3	0.00	0.00	13190.35	90.63	148.10	0.00	1.43	25.75	0.00	3.32
192.6	0.00	0.00	8338.95	75.95	134.18	5.92	1.54	14.70	0.00	2.92
192.8	0.00	0.00	12174.78	66.14	156.49	0.00	0.00	1.00	2.72	3.57
192.9	641.48	828.49	4843.50	86.26	126.11	0.00	0.00	1.00	0.00	3.57
193.2	0.00	0.00	7461.58	66.17	113.08	0.00	3.92	1.00	0.00	3.24
193.5	0.00	0.00	13572.85	54.21	117.65	0.00	3.04	14.96	0.00	1.91
193.6	0.00	0.00	11160.55	84.06	120.83	0.00	2.38	1.00	1.82	2.95
193.7	0.00	0.00	8581.75	77.29	133.41	8.21	6.06	1.00	0.00	3.18
193.9	204.71	630.62	5841.33	68.14	137.91	0.00	7.72	1.00	0.00	2.88
194.0	0.00	0.00	11686.78	75.71	301.51	14.63	2.28	0.00	1.02	6.29

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
194.3	0.00	0.00	12197.00	73.72	100.87	2.75	2.42	0.00	4.24	3.14
194.6	915.82	709.95	3534.92	76.80	146.57	0.00	4.95	1.00	3.29	2.68
194.9	3938.12	3820.99	1520.39	140.10	139.71	7.65	4.65	1.00	0.00	5.74
194.9	0.00	64.93	8575.56	124.93	136.23	0.00	2.38	1.00	4.54	5.04
195.0	0.00	0.00	14610.11	114.42	160.09	8.93	0.00	1.00	3.01	4.01
195.0	1020.06	741.29	7846.63	118.46	168.77	0.00	0.00	1.00	4.59	3.98
195.1	0.00	0.00	6194.15	62.32	124.54	4.30	0.00	1.65	1.88	3.15
195.2	786.17	957.10	9520.73	114.83	77.83	4.84	0.00	24.20	4.79	4.20
195.2	0.00	0.00	11211.60	120.80	78.60	5.61	0.00	23.42	1.99	4.85
195.3	0.00	0.00	9935.93	52.89	277.13	7.70	2.50	1.00	1.87	2.84
195.6	2103.65	2855.70	0.00	23.81	87.82	15.35	9.60	7.54	1.11	1.13
195.6	0.00	58.48	8432.68	71.64	271.83	0.00	5.39	1.00	0.00	3.13
195.6	0.00	0.00	11542.59	57.55	219.14	0.00	2.44	1.00	2.30	2.45
195.7	0.00	0.00	9090.79	58.44	157.89	7.64	0.00	1.00	0.00	2.51
195.8	0.00	0.00	6375.95	74.37	179.39	0.00	4.20	1.00	0.00	3.62
195.8	0.00	0.00	8535.08	70.20	91.31	4.53	13.01	8.28	0.00	4.74
196.0	0.00	0.00	17264.12	99.41	149.96	1.02	1.62	34.47	3.04	4.45
196.3	0.00	0.00	12356.83	99.25	58.35	0.00	3.30	30.25	0.00	4.08
196.5	0.00	0.00	8236.52	43.25	103.80	2.95	4.17	9.41	0.00	2.64
196.6	313.93	524.22	5067.86	53.68	113.51	5.21	1.96	17.90	2.93	2.68
196.7	0.00	0.00	5689.04	53.96	91.44	2.84	0.00	13.52	0.00	2.79
196.9	0.00	329.92	10115.84	132.45	114.72	5.32	8.18	29.47	3.05	6.07
197.1	459.64	861.62	6306.96	139.66	144.87	0.00	6.49	7.89	2.52	5.56
197.3	1881.16	1541.91	5911.73	172.88	63.66	1.78	0.00	60.71	1.40	8.51
197.4	2093.73	2277.12	4955.38	140.17	103.78	0.00	6.10	16.62	2.71	5.08
197.4	543.55	1365.30	14312.21	234.16	140.74	14.76	5.32	18.63	5.64	10.83
197.5	0.00	0.00	10018.72	55.03	134.00	3.78	0.00	1.00	0.00	2.98
197.6	0.00	94.70	12850.37	104.39	78.30	7.08	0.00	4.60	2.28	4.62
197.8	0.00	0.00	9575.26	131.02	55.10	0.00	2.00	16.21	4.45	5.75
197.8	0.00	0.00	10021.34	138.66	52.05	0.00	0.00	18.36	3.66	5.76
197.8	0.00	0.00	9315.77	129.62	50.89	0.00	4.70	12.84	0.00	5.56
197.8	0.00	0.00	12331.45	188.07	63.55	1.04	0.00	51.53	5.15	6.98
197.9	0.00	0.00	9924.20	168.62	81.90	0.00	7.35	6.60	4.42	6.24
198.1	0.00	0.00	11101.16	186.35	65.29	0.00	0.00	23.57	6.64	7.13
198.1	0.00	0.00	14420.68	141.28	78.08	0.00	0.00	31.96	3.77	4.40
198.4	0.00	0.00	10170.83	119.36	60.49	0.00	0.00	20.68	2.84	6.79
198.7	831.22	1373.32	2027.89	78.05	46.58	0.00	0.00	5.32	1.11	4.85
199.0	0.00	0.00	5558.21	60.38	24.40	10.36	0.00	10.55	2.09	4.15
199.1	1405.92	1566.75	5572.62	116.68	23.85	0.00	1.20	18.21	0.00	4.03
199.3	0.00	0.00	8491.25	90.00	33.28	10.91	0.00	39.00	4.69	2.92
199.4	0.00	0.00	13812.95	127.73	36.40	1.15	4.33	45.25	2.89	3.88

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
199.5	0.00	0.00	12610.17	123.82	23.53	8.61	4.78	75.37	3.93	3.68
199.7	0.00	470.26	7981.59	107.16	171.76	9.63	6.80	6.37	2.64	3.91
199.8	0.00	0.00	7331.45	65.22	96.67	2.54	0.00	10.08	3.06	2.82
199.9	0.00	0.00	11265.79	136.55	90.93	2.35	1.00	1.06	2.31	5.11
200.3	175.79	852.85	5935.18	72.73	73.91	2.16	3.86	15.40	0.00	4.00
200.6	0.00	0.00	13839.23	99.45	35.22	5.52	5.22	41.57	1.72	3.15
200.6	0.00	0.00	11174.28	104.02	108.28	0.00	0.00	25.84	2.93	9.47
200.7	0.00	13.54	8237.63	95.49	52.65	5.26	0.00	13.13	1.68	2.45
200.7	0.00	0.00	6533.60	81.72	41.43	8.30	8.84	6.12	2.66	3.95
200.9	0.00	0.00	7343.36	47.71	113.90	5.02	0.00	3.69	0.00	2.02
201.1	0.00	0.00	10143.38	110.76	106.94	0.00	8.31	113.29	13.79	2.36
201.4	0.00	0.00	9768.04	93.10	59.59	3.34	0.00	15.28	1.52	3.66
201.5	0.00	0.00	12045.83	123.14	55.00	2.80	0.00	32.95	2.49	5.21
201.8	0.00	814.77	7216.69	82.73	103.21	0.00	2.53	1.00	2.76	2.23
202.1	0.00	0.00	6259.39	41.90	12.35	1.39	0.00	3.13	0.00	1.00
202.1	0.00	0.00	8744.40	32.53	16.95	0.00	0.00	3.82	0.00	1.37
202.2	3115.46	2024.16	4361.76	73.34	79.39	9.57	5.98	23.23	0.00	2.23
202.4	0.00	0.00	22811.08	152.90	32.35	0.00	1.73	1.63	3.63	4.17
202.7	0.00	0.00	9630.26	50.99	99.21	2.44	0.00	4.30	0.00	1.59
202.7	0.00	0.00	4967.59	69.76	106.26	0.00	6.72	1.54	2.78	3.44
202.8	0.00	0.00	13167.12	59.83	25.81	0.00	0.00	14.12	1.02	3.16
202.8	0.00	0.00	17676.27	74.27	31.91	0.00	0.00	18.31	3.27	3.22
203.0	1231.85	2957.66	13029.60	121.28	41.85	2.29	6.88	60.54	1.19	3.91
203.3	0.00	0.00	17685.40	88.95	32.69	8.92	0.00	6.14	1.06	3.68
203.4	0.00	0.00	22501.17	122.98	24.57	2.53	2.79	56.21	2.15	8.37
203.4	0.00	0.00	19400.38	137.57	30.95	9.48	0.00	59.55	3.93	4.23
203.5	0.00	0.00	15556.02	117.08	27.95	0.00	0.00	8.69	0.00	9.08
203.5	2424.09	2766.56	10785.88	101.45	24.46	2.38	5.62	7.99	0.00	11.69
203.5	0.00	791.49	11854.65	91.79	28.60	6.87	0.00	8.20	0.00	10.14
203.6	812.07	998.78	6401.87	91.15	86.12	5.26	1.99	13.19	1.94	3.58
203.8	0.00	0.00	10626.12	60.50	52.14	0.00	4.35	56.81	0.00	2.61
203.8	716.98	807.14	6292.58	76.12	23.27	9.51	2.14	46.83	1.21	2.46
203.8	0.00	204.09	3677.57	43.28	77.73	0.00	1.56	51.04	0.00	2.05
203.8	0.00	0.00	14375.88	114.11	17.63	0.00	3.88	123.84	6.10	3.87
204.1	1925.61	1347.67	1194.00	18.46	39.00	0.00	0.00	10.76	0.00	1.52
204.4	1551.70	2153.83	4710.12	108.14	8.90	0.00	0.00	39.26	4.83	1.64
204.4	0.00	0.00	10527.00	92.48	9.57	0.00	5.96	38.19	0.00	1.54
204.5	0.00	0.00	18599.13	92.30	50.80	0.00	0.00	43.89	0.00	3.21
204.8	0.00	0.00	11555.15	44.28	130.12	4.37	3.80	25.56	0.00	2.02
204.8	82.84	730.03	8705.49	76.09	22.65	6.99	0.00	33.22	0.00	2.66
204.9	1305.18	1931.83	4020.53	71.70	52.06	1.20	0.00	57.09	2.30	2.74

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
204.9	0.00	0.00	8451.88	64.61	49.60	4.34	2.98	53.58	0.00	3.54
204.9	0.00	0.00	7693.39	70.72	18.94	7.14	7.49	41.83	1.83	1.83
205.1	0.00	0.00	10013.78	84.83	34.56	5.79	0.00	51.02	3.80	1.97
205.3	2303.12	2547.75	696.12	44.17	119.68	1.14	6.47	20.57	0.00	1.81
205.4	0.00	0.00	10587.44	92.75	12.14	2.03	0.00	95.97	1.84	2.02
205.5	133.09	978.30	12246.70	134.22	33.83	2.61	3.79	141.63	3.29	3.33
205.6	0.00	0.00	10585.74	1.13	322.14	0.00	13.40	104.19	0.00	1.00
205.7	0.00	0.00	27044.52	187.99	15.77	3.31	8.24	129.00	4.01	1.00
205.7	0.00	0.00	11761.07	99.87	14.74	0.00	6.89	106.70	2.50	1.00
205.8	635.92	794.02	8709.50	128.01	17.42	6.88	5.02	114.31	2.12	3.90
206.0	0.00	0.00	12155.79	109.72	30.45	2.00	6.69	161.82	6.86	1.00
206.2	0.00	0.00	6703.65	16.74	223.04	0.00	3.38	67.88	3.09	2.73
206.3	2245.97	2767.37	10183.98	80.89	205.18	3.64	8.91	120.34	0.00	2.87
206.3	0.00	0.00	12949.81	77.90	148.61	0.00	1.80	95.99	1.94	1.00
206.3	0.00	0.00	18293.39	128.84	61.11	0.00	5.93	140.70	2.66	1.80
206.5	0.00	0.00	15007.95	122.53	31.54	0.00	3.72	110.52	2.67	4.44
206.7	0.00	0.00	10210.39	80.52	47.80	0.00	5.37	129.87	2.95	2.17
207.0	28.87	179.93	10171.72	129.64	37.83	11.48	3.98	90.73	0.00	2.79
207.1	1271.46	1389.15	7099.61	74.89	56.63	1.20	1.02	78.05	1.12	1.00
207.2	1060.38	868.30	4622.06	44.08	31.85	0.00	1.44	114.85	0.00	1.00
207.3	0.00	68.14	7047.83	50.88	73.80	0.00	0.00	103.92	3.41	2.44
207.6	458.50	901.03	0.00	1.45	481.63	6.20	8.32	10.29	0.00	2.25
207.9	0.00	0.00	22116.45	104.93	100.59	4.21	10.54	146.72	3.32	2.24
208.0	354.25	1953.85	30734.82	119.86	102.47	0.00	2.88	124.50	2.91	2.44
208.0	0.00	0.00	26130.86	168.22	84.25	4.53	3.86	135.10	3.19	3.03
208.9	0.00	887.43	6509.29	24.00	317.36	0.00	6.59	77.60	0.00	1.00
209.1	1659.99	1561.73	5382.95	150.00	96.32	0.00	5.65	151.90	3.99	3.17
209.4	0.00	0.00	21000.31	142.67	213.13	6.31	3.44	60.90	3.39	8.03
209.6	0.00	0.00	4018.44	11.40	198.72	4.02	7.23	29.64	0.00	1.78
209.8	2003.16	2183.31	0.00	28.98	288.04	0.00	5.84	129.55	0.00	1.38
210.0	0.00	0.00	13442.11	57.05	544.16	0.00	1.95	66.75	0.00	3.05
210.3	1632.40	1601.59	6921.59	131.85	60.83	3.11	0.00	95.59	4.53	6.82
211.1	0.00	0.00	14638.86	134.98	104.31	0.00	8.16	11.30	1.73	5.08
211.1	0.00	0.00	6025.83	141.17	98.93	3.25	6.36	47.58	0.00	5.92
211.3	917.82	741.62	5275.66	147.92	118.91	0.00	2.84	29.63	0.00	5.38
211.5	0.00	0.00	11695.97	65.68	85.79	10.74	4.63	48.01	3.98	2.80
212.4	0.00	0.00	10648.50	123.30	158.51	8.98	7.88	84.01	2.96	7.61
212.7	874.36	1179.09	6118.65	65.78	124.36	3.97	3.88	58.08	2.70	2.27
212.7	0.00	0.00	8542.60	72.16	112.27	4.92	0.00	56.07	2.64	2.77
212.9	960.86	1148.35	5962.33	99.35	194.35	2.32	2.68	17.09	2.37	2.86
213.3	3069.58	2579.69	0.00	53.55	120.43	0.00	8.20	52.19	0.00	2.11

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
213.4	0.00	0.00	37173.50	138.77	98.84	0.00	7.05	73.99	1.40	4.12
213.7	579.15	1171.58	7941.09	121.79	57.91	5.54	0.00	19.92	5.30	4.85
214.0	0.00	0.00	14323.33	56.25	81.36	0.06	2.45	38.61	0.00	3.31
214.0	0.00	0.00	10830.29	64.74	71.26	6.82	0.00	57.77	1.45	3.56
214.3	0.00	0.00	9398.96	67.24	58.08	0.00	0.00	47.02	0.00	2.14
214.3	928.60	1477.51	2386.53	99.16	44.19	0.00	0.00	52.28	1.05	3.02
214.8	111.24	396.90	8144.47	92.93	107.38	1.73	2.58	74.76	0.00	4.47
214.9	14.55	0.00	3750.15	67.09	100.44	9.38	5.82	54.34	3.51	1.80
215.2	0.00	0.00	17419.99	144.42	120.27	0.00	2.35	36.53	0.00	9.29
215.2	634.32	1209.95	11868.58	118.03	81.49	0.00	12.57	150.98	0.00	2.39
215.3	0.00	0.00	29216.70	0.00	934.01	34.97	0.00	49.36	7.68	3.79
215.3	0.00	0.00	2455.05	0.00	597.37	24.37	13.72	36.54	0.00	2.01
215.5	1653.94	2255.71	4752.43	57.82	234.15	0.00	0.00	147.08	1.27	3.43
215.5	0.00	0.00	10163.89	71.60	104.01	3.04	4.97	101.11	2.35	1.18
215.5	0.00	0.00	10367.46	71.36	94.68	0.00	9.84	118.25	0.00	1.79
215.6	0.00	0.00	7173.59	62.76	169.09	1.97	0.00	97.66	1.31	2.60
215.8	0.00	0.00	10481.67	87.64	139.91	0.57	3.76	51.60	2.49	2.47
216.1	0.00	0.00	22495.56	224.62	88.69	0.00	8.37	105.69	0.00	12.60
216.2	0.00	29.08	9404.12	81.28	298.02	0.00	6.80	104.71	0.00	9.70
216.2	0.00	0.00	7986.04	68.09	366.69	0.00	2.41	78.40	1.13	3.24
216.4	583.47	2030.19	14759.16	144.36	91.94	4.47	3.74	209.76	4.83	3.34
216.7	193.58	1166.56	8526.00	96.65	64.88	0.00	3.76	68.15	4.82	3.60
217.0	1019.15	1082.14	9458.51	121.32	84.25	0.00	0.00	42.59	1.18	2.16
218.1	1081.33	1187.81	4301.06	73.07	62.17	0.00	4.21	35.15	3.02	3.19
218.2	78.48	587.50	6074.89	70.83	100.83	3.49	4.38	32.01	0.00	3.15
219.2	256.94	794.11	5948.91	65.53	76.62	3.32	4.26	57.05	1.51	2.66
219.4	0.00	471.69	19994.01	188.57	51.09	3.09	0.00	119.21	8.22	9.51
219.7	0.00	0.00	23064.76	53.39	187.55	2.91	2.90	113.65	2.59	2.68
219.8	2311.23	2922.56	2417.93	58.63	288.24	6.71	7.20	89.76	0.00	2.66
220.0	0.00	0.00	7971.25	19.62	567.88	1.31	6.20	59.91	1.27	4.93
220.1	0.00	0.00	6826.24	45.23	289.78	4.06	10.30	56.88	0.00	2.69
220.8	0.00	0.00	5911.11	12.93	818.89	3.83	11.81	74.08	0.00	3.14
221.6	0.00	0.00	12116.45	70.75	76.01	1.03	9.81	113.83	1.63	4.88
221.6	2178.95	2537.80	3126.59	64.99	120.19	3.87	10.97	106.06	0.00	4.06
221.6	353.64	474.07	8912.02	138.39	101.32	0.00	0.00	23.80	3.40	3.58
221.7	1375.99	2821.20	11164.70	160.67	113.51	8.27	6.50	67.38	3.44	5.54
221.7	668.45	2325.59	10641.61	140.52	109.34	14.04	12.09	75.12	0.00	4.56
221.8	1086.04	1370.60	4316.04	101.80	82.23	14.71	4.86	25.81	7.15	3.70
222.2	0.00	0.00	8386.65	45.55	367.11	0.44	9.98	39.57	1.01	2.50
222.7	1650.63	1345.67	9031.97	82.72	310.30	3.01	5.19	22.73	6.69	2.86
222.8	0.00	0.00	21806.33	129.74	212.54	5.99	4.10	61.31	13.47	1.16

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
223.2	0.00	0.00	17518.06	124.44	212.38	13.70	0.00	99.40	7.24	2.14
224.0	0.00	0.00	24707.31	9.31	73.68	0.00	0.00	159.75	77.94	1.00
224.0	0.00	0.00	37528.67	33.65	94.45	1.70	5.44	151.08	201.83	1.00
224.1	2488.76	2609.20	1103.72	44.77	47.05	5.73	2.59	187.95	5.45	1.00
224.5	453.15	753.98	12081.33	61.46	50.11	0.00	13.19	190.95	5.49	1.00
224.5	0.00	0.00	10351.36	5.79	82.89	0.00	9.38	194.67	0.00	1.00
224.5	0.00	0.00	4931.56	26.37	65.89	0.00	0.00	202.78	4.12	1.00
224.6	0.00	0.00	17011.24	126.17	198.09	2.28	10.39	94.23	6.90	1.00
224.9	0.00	0.00	10419.08	129.37	246.67	1.33	7.48	111.18	5.59	3.00
225.1	2252.29	2190.89	787.05	43.80	176.84	0.00	12.68	105.84	4.06	1.00
225.6	517.02	820.76	5039.95	76.65	636.67	0.00	17.69	100.09	3.04	2.77
225.9	0.00	0.00	35640.49	288.47	413.22	17.66	10.70	143.76	18.79	1.53
226.3	0.00	0.00	12247.66	79.54	476.21	9.42	10.92	53.54	0.00	2.66
226.8	0.00	0.00	5617.85	56.23	201.07	0.00	0.00	63.89	3.85	1.72
227.2	0.00	0.00	10741.96	67.48	142.18	0.00	0.00	65.05	0.00	2.45
227.7	0.00	0.00	10513.47	73.20	94.60	0.00	1.98	28.54	1.28	2.43
228.1	0.00	352.98	5636.75	67.85	60.02	0.00	2.33	4.07	1.87	3.39
228.3	0.00	0.00	10274.50	68.08	56.42	4.05	0.00	8.84	1.75	3.96
228.3	0.00	0.00	12550.23	58.29	99.52	0.00	5.69	5.72	2.56	2.32
228.4	0.00	0.00	11134.95	68.25	81.41	8.54	1.68	8.63	1.24	4.10
228.5	2270.23	2701.76	887.12	44.09	81.18	4.20	2.48	1.53	1.62	1.72
228.8	0.00	0.00	21503.33	69.53	32.47	0.00	0.00	5.95	0.00	2.85
229.2	0.00	0.00	18533.08	100.80	31.34	1.93	2.39	18.65	3.31	2.57
229.5	0.00	465.44	8650.50	94.33	71.75	0.00	0.00	64.03	0.00	2.64
229.5	0.00	0.00	15350.35	40.60	57.06	7.22	6.68	95.77	5.15	1.00
229.8	3707.31	4612.67	13806.42	83.81	23.51	1.80	0.00	50.97	2.56	4.85
229.8	0.00	965.22	19471.65	85.38	23.27	0.00	4.83	52.66	0.00	4.56
230.1	0.00	13.97	10109.06	55.14	25.34	0.00	0.00	47.45	0.00	1.70
230.4	0.00	0.00	22416.70	105.92	32.83	0.00	0.00	88.88	2.42	6.75
230.7	0.00	0.00	23208.08	142.26	63.30	0.00	0.00	136.82	0.00	2.21
231.0	0.00	0.00	27988.42	173.72	14.66	0.00	2.77	26.53	1.68	6.47
231.4	0.00	0.00	10266.28	71.11	62.27	0.00	2.23	2.82	2.61	2.88
231.7	0.00	0.00	8645.67	73.86	133.37	4.60	3.62	16.06	0.00	3.20
232.0	0.00	364.92	10039.17	92.97	59.78	6.45	1.45	31.77	1.79	5.80
232.0	494.08	1218.37	7734.33	82.76	59.39	8.98	0.00	30.61	3.09	3.67
232.3	0.00	297.86	21061.54	115.54	29.39	2.05	0.00	9.29	6.31	9.56
232.6	0.00	0.00	9044.67	81.86	60.91	8.90	8.42	0.00	0.00	3.14
232.8	0.00	0.00	21666.87	94.32	35.10	0.00	1.63	2.72	0.00	10.55
232.8	0.00	0.00	21661.26	88.29	31.05	7.04	8.50	3.22	0.00	9.17
233.0	1844.04	2355.82	19151.49	179.96	42.75	0.00	0.00	4.08	0.00	14.67
233.2	0.00	0.00	16370.09	116.60	41.55	1.27	7.33	7.78	0.00	10.80

The

Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
233.5	140.66	1110.04	11819.60	70.43	41.40	0.00	5.71	0.00	0.00	2.45
233.5	0.00	0.00	8739.43	52.69	47.71	0.00	0.00	1.93	2.00	1.00
233.8	0.00	0.00	22646.16	102.00	40.23	0.00	0.00	19.59	0.00	10.01
234.1	0.00	0.00	11980.22	105.91	31.87	0.00	0.00	47.57	2.09	2.56
235.3	0.00	0.00	17398.41	102.40	36.72	0.00	2.25	1.00	3.19	3.49
235.8	4409.05	3933.27	0.00	71.04	54.45	0.00	6.00	21.44	4.25	3.82
236.1	0.00	0.00	23741.57	175.34	60.24	7.67	1.98	52.78	2.79	10.55
236.6	815.05	1771.84	10690.04	117.32	44.13	0.00	0.00	8.56	0.00	3.93
236.6	0.00	0.00	31142.58	267.17	57.83	0.00	2.39	82.68	3.91	11.43
236.6	0.00	0.00	15908.93	118.55	25.97	0.00	0.00	27.22	0.00	11.11
236.8	0.00	797.35	20323.39	173.62	48.45	0.00	0.00	48.06	3.47	5.29
237.1	1075.15	1745.61	8254.13	117.51	19.59	0.00	3.07	3.62	0.00	3.82
237.1	0.00	0.00	20705.78	91.40	25.14	0.00	8.85	3.88	0.00	4.38
237.4	0.00	0.00	18867.56	116.29	25.32	0.00	8.57	56.91	0.00	1.65
237.4	0.00	0.00	20040.42	119.26	26.65	0.00	0.00	58.90	3.31	2.95
237.7	0.00	994.36	33198.06	418.76	102.78	18.27	0.00	81.56	11.47	15.27
237.7	1154.53	2832.26	15028.53	259.34	86.52	3.04	0.00	90.83	9.49	7.63
238.0	933.54	2057.44	13737.55	191.68	150.29	0.00	8.92	105.41	5.16	4.78
238.0	0.00	0.00	32328.88	241.25	127.30	10.75	4.99	121.71	4.97	6.38
238.4	0.00	0.00	45549.69	165.67	39.82	0.00	1.46	51.24	2.97	4.84
238.4	0.00	0.00	10939.98	91.83	55.98	9.13	0.00	46.54	0.00	3.40
238.6	0.00	0.00	9738.81	72.11	184.85	4.03	2.42	51.38	0.00	1.63
238.8	0.00	0.00	34862.82	187.38	147.17	3.78	0.00	73.52	5.14	8.95
239.0	0.00	0.00	26692.90	198.93	45.84	0.00	0.00	98.54	1.02	15.44
239.0	0.00	0.00	36640.60	299.77	31.96	0.00	6.29	95.56	0.00	35.35
239.0	0.00	304.98	8466.19	78.16	24.17	0.00	3.40	9.56	0.00	2.10
239.6	0.00	1040.57	12826.89	126.34	26.23	0.00	3.50	15.11	2.07	9.74
239.9	199.20	545.37	4808.98	26.17	62.20	1.00	4.62	18.43	0.00	1.00
240.2	2071.07	2179.95	5469.99	129.49	64.08	0.00	4.71	0.00	0.00	8.12
240.6	130.32	395.96	9882.67	43.73	45.15	0.00	0.00	3.21	1.25	2.24
240.6	0.00	197.09	12718.91	44.93	51.89	0.00	0.00	4.30	0.00	2.24
240.8	0.00	0.00	16758.88	87.07	33.56	0.00	0.00	6.35	0.00	10.81
240.8	0.00	0.00	15352.55	77.80	31.92	0.00	0.00	7.31	0.00	6.82
241.2	0.00	0.00	16022.53	72.98	33.82	0.00	0.00	3.79	4.30	2.38
241.4	0.00	0.00	36114.85	128.85	26.83	0.00	0.00	39.99	1.71	2.54
241.7	1250.13	2574.46	2203.32	47.92	20.66	0.00	0.00	28.56	1.91	5.84
241.7	0.00	0.00	8032.50	42.68	19.93	0.00	2.95	43.20	0.00	4.52
242.0	0.00	0.00	31236.56	168.57	70.58	0.00	4.62	52.68	0.00	11.10
242.1	160.12	786.13	9310.67	92.00	39.09	0.00	0.00	9.77	2.89	2.60
242.3	0.00	0.00	15141.72	51.64	55.90	0.00	1.53	55.71	0.00	1.74
242.5	0.00	0.00	8605.82	49.26	102.66	0.00	0.00	41.30	1.40	1.98

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
242.9	0.00	0.00	8593.30	82.17	109.52	0.00	0.00	19.55	0.00	2.85
243.2	0.00	0.00	28123.28	149.46	50.99	0.00	0.00	74.15	0.00	7.14
243.2	585.08	1550.93	12141.93	110.32	43.19	0.00	0.00	64.19	1.81	4.95
243.3	2167.29	2827.86	14084.62	59.12	123.84	0.72	2.19	25.63	1.26	1.97
243.8	0.00	487.53	24634.13	253.42	52.33	0.00	0.00	64.25	3.11	2.43
244.1	0.00	0.00	30784.05	134.85	81.20	0.00	0.00	38.47	0.00	5.94
244.1	1467.14	2566.10	22351.63	118.61	82.41	0.00	0.00	33.36	0.00	4.23
244.4	0.00	0.00	14019.08	68.55	65.22	0.00	1.49	5.41	4.00	2.29
244.8	0.00	0.00	8577.14	94.36	94.61	0.00	9.22	4.73	0.00	3.33
245.1	0.00	0.00	23929.77	126.64	76.75	0.00	3.60	79.00	0.00	5.90
245.2	0.00	0.00	20527.46	96.18	52.33	0.00	0.00	45.55	0.00	6.19
245.4	0.00	213.74	6646.12	51.56	72.16	4.55	0.00	7.11	0.00	3.63
245.6	151.90	1098.36	19678.20	169.25	37.60	4.25	9.51	101.82	1.71	6.07
245.6	0.00	0.00	22623.43	144.18	56.64	2.05	0.00	58.84	3.96	2.86
245.9	0.00	0.00	13610.49	55.21	57.31	0.00	0.00	7.32	0.00	2.78
246.0	0.00	0.00	33577.91	221.28	61.02	0.00	0.00	39.54	2.67	8.17
246.0	0.00	0.00	43132.11	288.25	68.42	0.00	2.12	41.71	4.04	8.35
246.3	0.00	311.19	13161.56	97.20	62.72	16.55	3.47	35.64	0.00	4.42
246.4	0.00	0.00	25807.46	121.17	82.69	0.00	3.14	58.85	1.51	2.23
246.9	0.00	0.00	11368.99	79.53	36.51	0.00	0.00	5.83	0.00	3.51
246.9	0.00	0.00	3020.48	18.96	96.06	0.00	2.71	6.17	0.00	1.76
247.3	174.86	826.42	6632.40	65.61	77.45	0.00	0.00	7.51	2.88	2.70
247.2	0.00	0.00	26802.13	96.49	45.78	4.04	1.93	34.76	2.48	3.97
247.5	0.00	379.62	21109.65	108.10	44.62	1.37	4.00	72.34	1.77	2.35
247.5	0.00	0.00	19092.46	110.08	56.61	3.23	0.00	25.97	0.00	4.27
249.30	1469.12	1952.53	5275.34	68.84	58.38	2.41	3.91	6.60	0.00	3.47
249.30	1591.19	2043.66	3766.15	63.96	58.96	6.44	0.00	4.13	0.00	2.69
249.30	0.00	0.00	11486.92	85.48	43.42	0.00	6.52	15.50	0.00	3.06
249.30	0.00	0.00	13957.12	84.46	50.13	0.00	3.51	6.45	2.52	3.42
249.30	0.00	0.00	7185.87	61.82	143.11	0.00	5.90	10.06	0.00	2.76
249.30	0.00	0.00	12912.94	54.04	92.75	8.54	5.01	11.48	1.09	1.34
249.30	0.00	0.00	10639.28	26.80	120.95	0.00	1.77	8.17	1.02	1.09
249.30	770.52	1191.10	5402.92	55.39	98.92	4.34	2.02	7.55	0.00	2.52
249.60	0.00	0.00	7151.15	68.67	97.02	2.14	0.00	38.88	2.07	2.88
249.60	0.00	277.37	6698.02	71.41	108.64	2.64	2.26	9.99	2.28	2.27
249.60	0.00	0.00	6796.63	81.15	110.76	3.48	2.22	4.08	1.51	2.97
250.00	0.00	0.00	9057.33	86.22	101.65	0.00	7.86	77.73	1.32	2.08
250.00	0.00	0.00	9312.36	57.53	134.24	0.00	1.65	46.97	0.00	2.32
250.00	0.00	0.00	8212.47	58.49	139.03	4.32	5.49	71.82	0.00	3.42
250.35	65.95	534.98	5345.54	48.78	148.51	0.00	0.00	80.69	0.00	2.65
250.35	1850.99	2245.63	1666.28	23.78	215.37	9.91	4.14	67.70	0.00	2.03

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
250.35	0.00	0.00	9468.63	64.74	120.53	0.00	3.93	74.96	0.00	2.06
250.35	1304.22	1517.92	5793.95	67.80	145.46	3.03	3.18	104.09	1.14	4.30
250.35	0.00	0.00	6003.18	66.55	112.48	5.87	8.22	77.97	0.00	1.63
250.35	0.00	0.00	7486.27	62.03	106.23	5.87	0.00	79.44	0.00	2.97
250.55	0.00	0.00	12770.00	69.52	234.23	0.00	0.00	82.92	3.80	2.91
250.55	1994.23	2518.67	0.00	0.00	147.76	0.00	0.00	0.00	0.00	1.49
250.85	0.00	0.00	5302.58	66.54	200.20	6.86	4.66	49.55	0.00	2.77
250.85	0.00	0.00	11241.95	74.39	189.98	0.00	6.49	51.85	0.00	1.84
250.85	0.00	0.00	12512.52	67.53	149.57	0.00	0.00	107.38	2.06	2.50
250.85	0.00	0.00	7157.71	73.31	186.89	0.00	7.12	46.29	1.38	1.85
251.05	0.00	0.00	8848.39	67.22	143.05	16.44	13.18	43.74	4.04	1.80
251.05	0.00	0.00	8512.38	60.29	296.33	17.96	5.30	66.81	0.00	5.04
251.40	3685.67	3978.57	0.00	49.53	436.06	0.00	7.37	29.05	0.00	1.30
251.40	0.00	0.00	8753.04	85.28	233.95	0.09	0.00	26.56	2.98	1.00
251.40	508.86	531.72	3465.89	73.81	266.77	0.00	8.03	60.42	0.00	1.22
251.40	0.00	0.00	13588.95	0.00	153.85	0.00	4.06	9.62	0.00	1.00
251.40	0.00	0.00	9282.89	70.27	262.06	3.10	1.98	88.59	0.00	1.46
251.75	0.00	0.00	8241.58	56.94	456.17	4.59	8.64	45.12	0.00	2.70
251.75	0.00	0.00	7466.23	45.57	466.54	16.48	10.88	51.24	3.36	1.71
252.05	1059.18	1091.46	5098.21	59.67	284.96	0.00	8.37	36.08	2.82	1.88
252.35	1041.24	1476.73	2491.01	27.60	324.90	0.90	6.26	66.21	0.00	1.23
252.65	0.00	0.00	10342.97	92.60	167.03	0.00	3.79	99.69	3.00	3.07
252.65	4491.90	4031.30	0.00	84.58	237.28	7.89	5.00	92.67	2.81	2.85
252.95	994.44	1037.32	1826.26	24.17	344.24	9.64	0.00	90.62	0.00	2.79
253.20	246.17	813.24	1343.60	3.87	1123.96	13.30	15.87	31.70	0.00	3.22
253.20	0.00	0.00	10330.31	60.75	337.72	1.63	8.42	78.83	2.59	1.00
253.20	0.00	0.00	7131.87	59.81	374.92	0.00	7.77	101.35	5.36	1.00
253.20	0.00	0.00	9776.93	64.59	324.13	3.26	5.37	28.14	5.49	1.47
253.20	4626.33	4312.49	0.00	31.56	126.67	0.00	0.00	1.93	2.11	1.00
253.20	0.00	0.00	5087.72	58.10	430.97	0.00	4.15	31.51	3.86	1.12
253.20	0.00	0.00	5523.42	60.09	419.78	0.00	11.13	57.42	3.69	1.21
253.20	0.00	0.00	11357.63	93.11	360.07	4.87	2.96	28.27	11.83	1.80
253.50	0.00	0.00	4191.88	81.99	191.93	1.88	12.49	7.66	2.32	1.55
253.50	0.00	0.00	4510.71	85.82	176.19	19.71	8.33	16.44	1.14	1.34
253.50	0.00	0.00	3328.17	24.43	162.16	0.00	3.94	1.07	1.71	1.00
253.50	2813.59	2641.98	0.00	38.19	282.28	19.91	12.61	26.84	0.00	2.52
253.50	1210.29	891.55	0.00	7.82	155.59	19.18	20.96	6.18	2.92	1.00
253.80	0.00	0.00	16389.78	62.57	283.24	0.00	4.83	22.32	2.62	2.96
253.80	0.00	0.00	15260.29	62.24	302.60	0.99	5.55	31.86	0.00	3.05
254.10	855.61	1111.42	7015.42	88.81	108.70	0.00	0.00	77.46	1.14	2.89
254.10	1420.02	1961.54	6068.15	83.84	111.17	3.96	0.00	80.22	3.09	2.98

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
254.40	0.00	0.00	16061.29	97.78	78.60	11.75	4.61	121.27	0.00	3.15
254.40	0.00	0.00	15907.67	101.85	105.39	0.00	0.00	129.64	5.81	3.68
254.40	0.00	0.00	7199.31	71.07	140.50	2.60	6.20	70.08	1.63	1.39
254.40	0.00	326.96	8197.86	87.16	138.04	13.16	0.00	100.51	3.59	4.13
254.40	0.00	0.00	11993.60	90.45	140.99	0.00	4.11	106.44	2.13	2.20
254.70	0.00	0.00	10744.28	63.82	290.94	10.31	6.41	73.56	1.82	2.13
255.00	0.00	0.00	9353.68	62.53	209.48	0.00	9.14	46.71	0.00	1.58
255.30	65.19	44.14	7906.72	79.83	188.93	8.10	10.42	90.86	1.63	1.96
255.60	0.00	0.00	7638.40	36.76	188.12	2.12	6.76	39.72	0.00	1.49
255.60	2445.57	2840.80	2579.22	66.91	220.75	5.05	8.76	75.14	2.20	1.92
255.60	0.00	0.00	9022.41	59.64	219.92	5.93	1.83	98.16	2.15	1.93
255.60	0.00	0.00	8219.67	67.93	188.66	4.47	7.08	58.27	0.00	2.53
255.60	0.00	0.00	10490.56	62.21	241.08	0.00	2.87	85.06	1.18	2.62
255.65	0.00	0.00	11481.10	58.08	287.02	3.78	3.62	62.90	1.92	1.44
255.95	0.00	213.20	1573.94	15.68	323.18	0.00	11.80	59.60	0.00	1.26
255.95	0.00	44.71	1886.24	18.97	244.32	0.00	5.75	77.98	0.00	1.00
255.95	860.18	1292.15	1800.27	26.06	171.30	0.00	1.93	90.01	1.40	1.00
255.95	577.20	280.57	454.95	19.18	266.46	1.61	6.74	70.41	0.00	1.01
256.25	0.00	0.00	7704.22	14.45	197.24	2.45	1.41	75.55	0.00	1.00
256.25	521.60	742.31	641.63	33.97	192.39	0.00	0.00	51.07	0.00	1.00
256.25	0.00	0.00	14071.60	36.50	202.78	0.00	0.00	81.49	0.00	1.38
256.25	0.00	0.00	10564.76	31.18	231.49	0.00	0.00	54.04	0.00	1.22
256.60	0.00	0.00	2998.54	24.24	82.47	0.00	1.21	37.93	0.00	1.00
256.60	1520.32	1794.91	0.00	20.94	101.75	0.00	8.08	49.17	2.76	1.14
256.60	2504.20	3098.27	0.00	21.47	84.84	0.00	0.00	42.77	0.00	1.00
256.90	1140.81	1415.91	1686.14	41.62	73.01	0.00	2.98	5.67	0.00	1.00
256.90	602.30	219.02	65.45	8.60	157.34	0.00	4.89	6.10	0.00	1.33
256.90	0.00	652.88	3593.72	26.55	70.35	5.51	0.00	10.82	0.00	1.00
256.90	0.00	0.00	4041.93	20.02	48.15	0.00	0.00	6.19	0.00	1.00
256.90	0.00	0.00	4779.94	21.52	67.14	0.00	2.26	5.71	0.00	1.00
256.90	0.00	250.69	2847.02	17.07	109.15	0.00	1.52	5.70	0.00	1.00
256.90	0.00	0.00	8904.00	20.57	103.90	0.00	5.20	3.77	0.00	1.30
256.90	921.27	1179.33	1643.90	25.35	71.30	0.00	0.00	4.61	2.42	1.00
256.90	0.00	0.00	6060.80	21.94	75.58	0.00	0.00	2.52	1.63	1.00
256.90	149.34	128.63	2251.57	22.46	64.10	2.06	1.88	3.68	0.00	1.00
256.90	0.00	0.00	2194.52	14.31	182.79	5.80	8.50	6.68	0.00	1.92
257.20	0.00	0.00	11246.11	54.59	99.71	0.00	5.64	17.99	0.00	2.91
257.50	4773.80	4339.91	0.00	10.21	268.97	6.45	4.26	5.87	0.00	3.00
257.50	0.00	0.00	4530.21	24.01	126.25	0.00	9.59	6.86	2.32	1.92
257.80	1602.87	1378.62	269.26	23.60	129.03	0.00	2.32	6.54	0.00	1.00
257.80	0.00	0.00	4277.02	25.42	91.53	4.50	5.12	3.95	0.00	1.03

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
257.80	2058.60	1853.85	0.00	29.56	82.08	0.00	3.67	4.33	0.00	1.52
257.80	0.00	0.00	6082.40	18.70	100.21	0.00	0.00	5.02	0.00	1.00
257.80	0.00	0.00	5371.77	26.39	87.73	0.00	3.52	3.77	0.00	1.00
257.80	0.00	0.00	6071.74	13.59	317.45	2.94	2.86	2.72	0.00	2.86
257.80	0.00	0.00	4712.37	27.52	94.57	0.00	1.21	3.01	0.00	1.00
257.80	0.00	105.13	2933.46	26.00	85.86	4.83	4.82	3.89	2.39	1.26
257.80	231.65	529.59	2480.62	24.10	118.13	0.00	0.00	3.83	1.44	1.01
257.80	170.84	299.31	2202.38	24.08	102.09	0.00	3.57	3.45	1.79	1.17
258.00	0.00	0.00	6872.54	27.66	112.49	6.46	3.12	4.20	2.01	1.13
258.00	0.00	0.00	7404.90	27.15	89.47	6.40	0.00	3.74	3.13	1.36
258.00	8.67	736.30	2706.92	25.61	89.94	0.00	6.78	3.00	0.00	1.00
258.00	5203.17	4650.76	0.00	24.82	174.98	0.00	4.74	0.00	1.45	1.46
258.00	1465.85	1739.21	251.29	30.28	122.82	0.00	1.92	3.04	1.13	1.56
258.30	0.00	0.00	8179.97	26.88	102.84	0.00	10.79	1.90	0.00	1.03
258.60	0.00	195.85	7017.25	55.40	79.46	8.19	0.00	3.23	1.09	2.58
258.80	0.00	0.00	8701.94	7.79	559.54	5.71	10.76	0.00	0.00	2.24
258.80	0.00	0.00	7061.57	58.11	312.73	3.67	0.00	21.86	0.00	2.87
259.10	0.00	0.00	9672.28	97.86	185.06	0.00	0.00	20.65	7.61	3.90
259.10	0.00	0.00	12486.36	70.39	182.55	11.25	5.56	44.12	1.69	2.19
259.40	0.00	0.00	15421.54	87.72	81.38	4.41	2.51	10.14	1.03	2.87
259.40	0.00	0.00	11329.36	84.27	73.42	5.74	0.00	8.93	3.14	2.42
259.80	0.00	0.00	15140.90	95.06	84.05	0.00	1.41	6.76	3.26	4.10
259.80	0.00	0.00	11524.92	80.81	87.65	1.88	1.10	3.16	0.00	3.54
259.80	0.00	0.00	12985.13	89.76	73.61	4.32	0.00	6.01	0.00	4.00
259.80	760.06	1180.27	6924.67	78.22	96.07	0.00	9.19	3.95	1.29	2.41
259.80	176.64	127.06	8231.44	75.71	102.97	1.94	0.00	11.49	3.16	2.58
259.80	1592.07	1051.88	4458.72	79.96	84.57	5.05	0.00	5.15	2.92	2.46
260.20	3033.42	3335.60	4453.21	79.75	88.97	6.85	6.64	10.43	1.60	2.91
260.20	0.00	0.00	16671.22	81.21	79.82	0.00	7.11	10.75	1.95	3.93
260.20	991.15	763.94	5953.49	72.98	83.98	0.00	2.81	5.12	1.28	2.62
260.50	0.00	0.00	11150.90	75.67	63.33	5.22	0.00	6.63	3.10	1.98
260.50	0.00	0.00	10324.49	70.50	63.86	3.24	0.00	7.28	2.89	2.37
260.50	0.00	0.00	7097.33	72.80	67.43	0.00	4.73	4.20	0.00	1.63
260.50	0.00	0.00	8232.89	74.71	60.12	0.00	0.00	6.52	2.90	3.10
260.80	0.00	0.00	9848.46	78.17	79.45	2.57	0.00	5.16	3.92	3.06
260.80	0.00	342.39	5877.04	64.22	78.24	0.00	4.80	5.11	2.31	2.06
261.10	0.00	0.00	9214.68	60.86	84.82	0.00	0.00	16.19	3.64	1.26
261.40	97.89	14.13	5247.32	59.22	70.13	0.00	0.00	1.41	2.33	1.76
261.80	0.00	0.00	12775.68	67.01	68.67	3.91	0.00	9.98	0.00	2.63
261.80	0.00	668.00	6084.70	65.80	58.65	4.27	1.64	10.07	3.72	3.00
261.80	0.00	0.00	11429.01	74.03	62.78	0.00	5.69	7.80	1.28	3.31

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
261.80	2177.37	2232.27	1627.70	63.20	59.53	5.57	0.00	15.22	4.17	2.32
262.10	753.84	505.07	7084.86	64.29	68.65	0.00	0.00	8.57	3.94	1.74
262.10	0.00	411.57	11281.21	77.39	70.73	0.00	4.38	9.67	3.19	2.30
262.40	2626.02	2525.20	2167.92	84.16	61.95	0.00	10.09	26.46	0.00	2.90
262.70	404.38	910.85	4850.57	76.58	89.75	0.00	0.00	6.01	0.00	1.80
262.70	5520.35	5152.92	0.00	76.32	83.30	0.94	0.00	13.15	2.23	2.67
263.00	0.00	0.00	9991.75	84.72	79.38	5.94	0.00	2.97	4.26	2.99
263.30	0.00	0.00	16016.32	76.91	70.87	6.68	5.74	7.44	4.09	2.25
263.30	682.48	870.39	4716.31	74.29	87.80	2.54	1.73	19.60	0.00	3.32
263.30	0.00	0.00	8222.04	57.64	117.92	3.01	0.00	7.64	2.72	2.09
263.30	0.00	0.00	9362.63	89.42	81.77	0.00	0.00	17.68	4.17	2.39
263.60	0.00	0.00	10089.20	78.77	68.88	0.00	1.52	8.47	0.00	2.89
263.80	2468.11	2144.71	1047.57	35.36	72.49	0.00	0.00	20.97	1.49	1.00
263.80	1989.72	1724.56	807.53	33.79	92.97	0.00	1.67	23.50	0.00	1.00
263.80	822.63	182.49	2829.63	35.49	108.90	3.42	5.18	19.11	0.00	3.55
263.80	1855.31	1597.44	296.20	43.70	74.03	0.00	4.79	16.98	3.22	1.00
263.80	0.00	0.00	5736.46	35.75	89.80	0.00	0.00	21.20	0.00	1.26
263.80	426.98	324.84	3674.34	33.72	72.52	7.09	0.00	36.88	0.00	1.15
263.80	721.01	523.72	4356.66	37.06	62.13	0.00	9.00	23.79	4.07	1.58
263.80	2623.56	2300.36	1195.36	53.23	84.22	0.00	0.00	19.86	3.11	1.51
264.10	1153.79	556.51	2122.98	43.02	105.06	0.00	3.03	47.93	0.00	1.47
264.10	1796.92	1555.57	0.00	30.42	182.35	2.51	0.00	19.38	0.00	2.27
264.10	279.46	506.00	3319.90	35.29	86.39	4.62	4.44	40.12	1.04	1.44
264.10	0.00	0.00	8700.44	34.72	114.75	0.00	14.32	22.95	0.00	2.00
264.10	0.00	0.00	8602.36	37.57	85.81	8.68	1.32	34.97	0.00	1.00
264.10	0.00	0.00	9993.07	35.59	103.99	14.29	3.58	28.00	0.00	2.07
264.30	0.00	0.00	7047.65	72.67	134.18	6.49	6.10	16.28	0.00	1.97
264.30	418.53	1182.21	3556.54	19.47	170.26	0.00	3.67	60.54	0.00	1.06
264.30	0.00	0.00	1874.96	2.45	211.92	0.00	0.00	9.79	0.00	1.00
264.30	271.64	613.19	1609.05	78.74	110.46	0.00	3.67	17.05	1.05	1.16
264.30	2535.42	2122.08	0.00	3.42	226.01	10.06	4.97	31.65	1.44	1.17
264.60	0.00	0.00	10076.30	80.19	97.60	0.00	2.47	29.45	2.95	7.78
264.60	2289.47	2566.58	5346.76	89.48	91.96	0.00	0.00	32.79	2.09	2.38
264.60	0.00	0.00	12157.35	96.41	92.57	0.92	1.90	23.34	4.68	4.03
264.60	1254.50	1466.37	6480.12	94.90	96.34	0.00	0.00	29.62	3.24	2.60
264.90	0.00	0.00	9015.54	87.48	109.06	0.00	0.00	26.53	1.65	3.09
265.20	0.00	0.00	5654.04	5.25	104.46	0.00	0.00	0.00	1.12	3.59
265.20	0.00	0.00	8057.68	51.02	154.66	12.49	3.51	12.62	1.52	1.59
265.50	0.00	0.00	10839.09	90.77	76.29	0.00	5.67	11.07	0.00	1.76
265.75	1446.60	2038.47	6798.44	76.51	97.04	0.00	0.00	75.20	2.87	2.34
265.75	0.00	0.00	8267.85	1.15	6.61	0.00	2.56	1.00	0.00	1.00

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
265.75	158.47	701.31	6989.78	79.88	383.38	2.61	5.65	92.08	1.75	1.29
265.75	2633.46	2723.86	3315.35	71.09	130.98	0.00	0.00	94.48	4.38	1.00
265.75	577.03	967.29	0.00	20.86	163.79	0.00	10.22	17.01	0.00	1.31
265.75	0.00	0.00	3932.03	2.35	168.67	0.00	10.95	42.95	0.00	1.00
265.75	0.00	0.00	2708.73	7.51	103.32	0.00	3.62	48.19	0.00	1.00
265.75	0.00	0.00	20243.03	125.52	310.44	12.98	13.98	95.31	0.00	1.00
266.10	284.91	666.94	3467.95	41.62	177.73	4.39	2.59	43.29	0.00	3.18
266.10	0.00	0.00	12401.29	51.67	147.01	1.96	1.51	32.93	0.00	1.34
266.10	0.00	0.00	4594.79	43.45	178.96	8.44	0.00	39.13	0.00	3.24
266.40	0.00	0.00	9632.68	51.59	85.31	0.00	1.71	29.19	1.77	1.90
266.80	1083.13	907.96	3273.64	55.19	123.26	4.37	0.00	29.18	2.02	1.51
266.80	1846.39	2380.85	2401.87	60.32	114.95	6.72	0.00	32.86	3.52	2.01
267.10	0.00	0.00	7080.98	72.56	105.98	3.88	3.02	8.09	5.81	2.65
267.10	0.00	0.00	13286.16	90.36	90.23	0.00	5.47	7.15	2.24	3.05
267.10	2600.58	2782.12	3326.98	83.37	85.59	0.00	0.00	10.68	3.81	4.05
267.50	1085.37	1613.06	5269.66	63.38	66.55	6.41	0.00	35.40	4.11	3.61
267.50	0.00	0.00	11178.77	69.99	99.04	0.00	5.25	22.96	0.00	1.00
267.50	2341.10	2375.64	4315.45	84.73	70.72	0.00	0.00	50.20	0.00	2.67
267.85	0.00	0.00	8591.47	45.28	79.73	5.06	0.00	75.94	1.74	1.37
267.85	0.00	0.00	7039.16	62.36	84.01	0.00	0.00	76.43	0.00	1.00
268.20	183.57	30.07	3909.41	42.89	202.57	1.83	5.33	56.28	0.00	1.00
268.20	2794.15	2557.78	1374.54	33.69	94.80	2.23	0.00	56.88	1.37	1.00
268.20	1741.09	2180.03	2204.76	36.40	219.40	0.00	8.33	57.30	1.65	1.01
268.20	0.00	0.00	9826.10	50.99	106.08	0.00	0.00	67.16	3.32	1.00
268.20	0.00	0.00	7433.56	35.76	91.17	0.00	0.00	54.96	0.00	1.00
268.20	3055.09	3462.76	794.95	54.23	146.37	0.00	6.18	68.91	3.03	1.00
268.50	0.00	0.00	3402.18	55.53	115.05	3.65	0.00	29.27	0.00	1.06
268.50	0.00	0.00	7678.63	42.94	62.58	9.58	5.34	22.31	0.00	1.00
268.80	54.12	247.28	6556.02	72.03	109.84	0.00	0.00	44.02	0.00	1.04
268.80	0.00	0.00	4982.63	44.51	164.02	0.00	2.71	52.47	0.00	2.26
269.10	2425.81	1676.29	0.00	36.07	109.04	0.00	2.57	25.85	0.00	1.00
269.10	2202.97	2395.83	316.56	31.06	101.03	0.00	7.50	25.16	0.00	3.29
269.40	2225.65	2026.21	0.00	28.55	138.07	9.54	1.99	35.38	0.00	1.13
269.40	0.00	0.00	4717.65	31.29	143.53	4.21	0.00	46.75	0.00	1.72
269.40	0.00	0.00	12375.19	40.82	112.22	0.00	4.31	39.64	1.92	1.07
269.40	0.00	0.00	4204.26	28.54	154.42	4.59	1.41	48.51	1.62	3.02
269.40	0.00	0.00	12769.91	29.78	134.74	0.00	0.00	34.64	0.00	1.35
269.70	0.00	0.00	6208.81	47.20	108.65	0.00	4.12	39.68	3.13	3.93
269.80	0.00	0.00	4233.35	56.85	67.82	6.59	3.19	27.65	0.00	1.00
270.10	0.00	0.00	6064.02	38.66	88.83	5.83	4.52	16.75	0.00	1.34
270.10	4387.29	3902.96	0.00	30.35	94.96	5.26	0.00	13.88	2.30	1.53

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
270.10	1226.88	1740.66	1020.81	36.83	92.62	0.00	0.00	14.67	1.82	1.91
270.40	0.00	0.00	11596.78	39.62	138.74	5.31	3.50	5.43	0.00	4.27
270.40	0.00	0.00	7297.96	53.17	136.97	12.18	2.96	13.18	0.00	8.34
270.40	0.00	0.00	8233.11	41.58	147.53	0.00	0.00	7.88	0.00	4.76
270.70	0.00	130.21	8639.46	54.43	73.31	0.00	1.05	7.95	1.93	2.31
270.70	0.00	0.00	8564.24	77.20	44.88	6.72	2.68	3.86	0.00	2.59
270.70	0.00	0.00	8282.44	55.97	133.20	3.81	1.90	0.00	0.00	4.05
270.70	0.00	0.00	9982.28	53.89	93.19	1.80	0.00	6.76	2.14	3.28
270.70	0.00	0.00	9721.17	57.68	105.61	4.21	2.21	6.58	0.00	2.78
270.70	1403.23	1740.27	3762.01	52.70	81.21	0.00	1.81	9.54	0.00	1.98
270.70	2566.20	2684.82	2196.68	81.04	49.82	4.81	1.53	3.22	2.67	3.01
271.00	5071.26	4759.31	0.00	75.51	51.78	5.82	5.64	1.12	0.00	2.35
271.00	0.00	0.00	12844.89	89.33	60.62	15.30	4.62	1.46	0.00	3.40
271.00	0.00	0.00	10561.73	69.00	82.41	0.00	3.02	1.71	1.74	4.71
271.00	0.00	0.00	5218.58	54.83	99.15	10.67	2.32	1.08	2.87	2.74
271.00	639.61	1187.01	6895.68	68.37	58.10	0.00	5.25	0.00	0.00	2.42
271.00	0.00	0.00	11757.31	78.73	83.23	4.53	2.51	0.00	0.00	3.99
271.30	0.00	0.00	14765.12	75.86	81.67	4.63	6.68	3.41	3.82	4.21
271.30	0.00	0.00	11299.09	73.39	73.64	0.00	0.00	3.34	2.37	5.82
271.30	808.97	1031.62	6054.83	68.84	66.61	4.61	1.15	4.90	0.00	1.79
271.30	0.00	437.71	6602.66	62.93	69.06	6.52	1.49	2.06	1.29	3.66
271.30	40.05	111.93	5634.07	87.01	52.22	0.00	6.55	5.46	0.00	2.45
271.30	0.00	0.00	11169.01	66.25	80.47	0.00	1.33	3.30	0.00	2.10
271.30	0.00	0.00	14535.86	95.43	54.37	0.00	0.00	5.09	2.47	2.04
271.30	0.00	0.00	8820.29	70.24	114.98	6.92	0.00	2.49	4.31	4.06
271.30	0.00	0.00	14151.40	82.42	103.45	8.05	0.00	1.26	3.06	5.16
271.30	0.00	0.00	14885.80	95.25	39.28	3.73	0.00	5.22	0.00	2.18
271.30	0.00	0.00	9541.27	76.29	100.49	0.00	4.90	2.83	0.00	2.72
271.30	6192.59	6438.70	0.00	84.86	48.77	0.00	0.00	2.54	2.89	6.64
271.30	0.00	0.00	9204.74	72.89	113.67	0.00	0.00	0.00	3.27	3.09
271.40	0.00	91.97	7338.93	71.15	90.21	0.00	3.70	2.23	1.56	2.49
271.40	0.00	0.00	12580.81	64.80	110.95	0.00	0.00	0.00	3.45	2.95
271.70	369.42	947.27	5909.56	62.19	94.94	3.46	3.17	1.00	0.00	1.96
271.70	0.00	0.00	11384.57	65.14	57.66	1.98	0.00	1.39	0.00	2.61
272.00	0.00	0.00	11780.81	86.42	73.29	8.53	0.00	0.00	0.00	2.59
272.30	0.00	0.00	10234.91	74.24	80.06	0.00	3.12	2.93	1.51	3.57
272.30	0.00	356.98	9570.22	70.42	84.34	0.00	9.28	4.92	0.00	3.91
272.30	1825.41	2063.30	5025.63	65.17	86.08	0.00	3.82	2.86	1.26	3.32
272.30	0.00	0.00	10450.38	54.46	103.27	3.64	1.45	0.00	0.00	1.95
272.30	0.00	0.00	9872.77	64.95	87.11	5.91	0.00	2.70	1.04	3.84
272.30	1330.35	1620.95	5477.00	67.53	69.25	0.00	5.49	3.51	2.66	1.98

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
272.30	980.66	1158.56	5147.58	55.22	111.17	6.36	3.50	3.11	0.00	1.53
272.40	0.00	58.08	9374.98	63.70	71.99	0.00	4.97	3.45	3.56	2.64
272.65	0.00	0.00	8146.19	73.40	93.87	0.00	1.73	1.00	1.65	4.32
272.65	0.00	0.00	12218.09	74.04	68.33	0.00	0.00	5.07	0.00	5.62
272.65	0.00	0.00	7267.93	75.08	71.17	0.00	5.33	0.00	0.00	4.14
272.65	0.00	0.00	13395.30	85.52	66.48	0.00	1.51	1.01	2.14	2.06
272.65	0.00	0.00	9469.88	74.63	70.33	3.69	0.00	0.00	0.00	2.17
272.65	0.00	0.00	11294.68	77.52	73.88	0.00	2.30	0.00	2.53	2.67
272.70	2139.72	1873.16	0.00	4.09	66.73	1.24	2.38	12.01	0.00	1.00
272.70	125.30	0.00	1844.81	9.95	78.92	0.00	0.00	7.00	0.00	1.00
272.70	436.50	0.00	1879.08	7.94	96.01	0.00	3.78	13.58	0.00	1.00
272.70	0.00	0.00	1617.94	10.22	63.99	0.00	0.00	6.74	0.00	1.00
272.85	863.58	1247.06	4087.42	66.25	135.77	8.04	4.26	1.00	0.00	4.78
272.85	0.00	0.00	10270.92	67.46	118.07	4.11	3.02	1.77	0.00	5.43
272.20	3278.77	3200.75	1612.55	61.38	83.72	0.00	8.37	1.32	1.57	1.52
272.20	0.00	0.00	10461.23	74.98	73.82	0.00	9.11	1.73	0.00	2.06
272.20	0.00	103.49	7116.39	62.39	97.09	0.00	9.02	3.87	0.00	2.01
272.20	0.00	261.06	9288.57	70.86	71.48	5.75	1.01	3.14	0.00	1.80
272.20	0.00	472.81	9705.21	64.01	86.74	1.40	0.00	2.26	0.00	1.87
272.50	0.00	0.00	12848.06	63.26	84.00	7.10	6.13	2.77	0.00	2.99
272.50	0.00	0.00	13480.20	60.32	76.80	1.41	2.12	1.46	1.26	2.40
272.80	0.00	154.92	3435.95	9.35	67.62	0.00	1.19	0.00	2.12	1.00
273.10	0.00	0.00	3032.68	8.45	64.31	0.00	3.09	6.74	0.00	1.00
273.10	0.00	0.00	2512.30	8.53	99.84	0.00	4.50	14.42	0.00	1.10
273.10	0.00	0.00	5596.38	9.51	52.39	0.00	2.58	19.50	0.00	1.00
273.10	1780.60	1351.12	0.00	3.42	204.39	5.50	0.00	4.47	0.00	3.14
273.10	3936.16	2674.70	0.00	6.26	100.66	0.00	1.21	14.39	1.46	1.33
273.10	28.09	0.00	3418.80	9.36	39.47	4.72	0.00	8.41	0.00	1.00
273.45	1114.51	1800.53	288.91	14.69	80.23	6.23	4.85	6.34	0.00	1.19
273.45	547.96	976.12	369.55	13.01	149.65	1.04	6.40	1.00	0.00	1.60
273.45	2036.86	1665.25	0.00	17.26	79.63	0.00	1.87	6.53	0.00	1.00
273.45	0.00	0.00	9461.92	24.33	34.95	0.00	0.00	2.44	1.18	1.00
273.45	0.00	0.00	7911.62	18.08	28.08	0.00	0.00	1.63	0.00	1.00
273.45	1409.91	1539.23	0.00	9.68	99.98	5.85	0.00	2.40	0.00	1.00
273.45	381.83	966.26	1719.29	15.67	101.24	0.15	2.14	1.35	0.00	1.32
273.55	1391.00	906.95	2428.10	42.76	192.69	4.28	0.00	0.00	1.14	2.65
273.55	104.01	590.67	5651.08	65.40	99.26	5.71	2.21	1.00	1.40	2.51
273.55	0.00	0.00	7775.59	54.79	110.31	0.00	0.00	0.00	6.03	2.21
273.55	0.00	0.00	8143.20	74.77	92.53	0.00	0.00	1.43	0.00	3.24
273.55	0.00	0.00	10869.72	57.85	105.64	3.39	0.00	2.60	3.59	2.88
273.55	210.83	305.89	9003.23	79.36	79.36	4.32	0.00	2.75	0.00	2.52

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
273.85	0.00	0.00	8757.68	42.98	111.72	4.77	0.00	1.18	2.06	3.46
273.85	0.00	0.00	8695.12	19.91	411.84	0.00	2.56	1.67	0.00	2.29
274.20	0.00	0.00	10942.93	65.28	134.30	14.83	0.00	2.39	1.86	1.65
274.50	2248.91	2492.07	262.11	33.43	66.65	0.00	1.97	1.46	0.00	1.42
274.50	0.00	1.74	5733.57	54.16	49.26	7.39	0.00	1.10	3.55	1.73
274.50	0.00	0.00	7188.16	27.88	86.53	6.90	0.00	2.97	0.00	1.30
274.50	10838.66	10098.49	0.00	49.89	45.40	0.00	0.00	0.00	0.00	3.34
274.50	3564.91	3526.62	0.00	40.32	77.47	0.00	0.00	1.89	1.62	1.22
274.50	2350.00	2514.81	0.00	33.22	186.83	0.00	2.23	1.00	1.11	2.52
274.50	0.00	0.00	4651.12	37.45	98.37	0.00	1.99	3.73	4.81	1.97
274.50	0.00	0.00	6395.05	38.74	141.86	6.27	0.00	2.65	3.13	1.75
274.50	0.00	0.00	11771.92	74.34	100.33	0.00	0.00	3.50	1.53	2.72
274.50	4883.36	5189.37	0.00	92.64	77.43	7.50	6.78	0.00	0.00	3.22
274.50	0.00	0.00	7060.32	71.67	101.56	0.00	2.83	5.04	1.47	2.86
274.50	1848.24	2040.59	3276.17	71.62	112.64	5.50	2.00	10.80	0.00	2.95
274.50	2283.13	2928.74	4537.28	90.47	59.28	5.91	0.00	1.51	0.00	3.37
274.65	1379.35	1549.63	2016.12	42.30	56.84	1.41	0.00	2.67	0.00	2.10
275.00	683.71	150.42	4717.63	52.73	121.03	0.00	2.02	16.66	0.00	1.39
275.00	0.00	0.00	9815.36	46.45	104.05	5.74	7.19	29.29	0.00	1.36
275.00	0.00	0.00	7167.33	50.87	90.69	0.00	0.00	34.59	0.00	1.88
275.00	2310.40	1611.28	2752.36	42.65	102.68	0.00	7.03	30.35	0.00	1.46
275.00	0.00	0.00	8222.69	47.28	104.04	5.96	3.68	26.01	0.00	1.85
275.30	683.74	415.05	5521.00	47.30	128.72	0.00	6.11	44.50	0.00	2.61
275.60	690.46	621.02	5318.00	46.09	94.82	8.04	0.00	43.15	0.00	1.00
275.60	0.00	0.00	7709.71	44.20	154.69	5.98	3.14	51.93	0.00	1.11
275.90	0.00	541.09	6258.79	57.41	73.67	0.00	0.00	16.17	1.12	1.85
275.90	0.00	0.00	5468.70	39.93	104.84	0.00	1.02	8.75	0.00	1.64
275.90	0.00	0.00	10974.57	63.03	108.97	1.02	0.00	9.23	0.00	2.34
276.05	0.00	0.00	5914.83	18.93	279.75	1.48	0.00	9.90	2.02	2.13
276.05	4575.20	4143.98	0.00	10.36	327.93	7.23	5.67	6.86	3.88	2.73
276.05	0.00	0.00	3367.31	9.17	330.52	12.36	5.51	2.48	5.14	2.63
276.40	1507.45	1942.69	5374.72	89.81	76.41	0.00	2.49	2.29	0.00	3.02
276.40	0.00	0.00	13953.89	73.25	112.09	5.68	4.31	1.53	2.26	2.73
276.40	373.85	923.31	7876.08	90.06	90.42	7.01	0.00	3.68	3.56	3.00
276.60	0.00	0.00	11884.05	76.63	58.51	0.00	0.00	6.25	0.00	2.36
276.60	3595.54	3918.90	532.90	70.30	71.39	0.00	2.77	9.39	1.48	2.01
276.60	0.00	0.00	9286.60	67.90	75.07	6.99	0.00	8.22	3.30	2.61
276.60	0.00	620.82	9354.38	73.24	73.94	6.30	0.00	8.37	5.65	2.04
276.70	1468.89	848.87	6250.86	77.60	61.16	0.00	3.83	1.00	0.00	2.18
276.70	0.00	0.00	4789.19	48.81	140.09	0.00	6.22	0.00	3.18	1.48
276.70	1745.52	1766.60	0.00	12.83	171.12	0.00	0.00	0.00	0.00	1.36

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
276.70	1298.36	1108.43	278.10	22.13	326.14	3.25	4.12	49.90	0.00	1.56
276.70	0.00	0.00	5160.83	0.00	68.48	0.00	5.11	45.06	0.00	1.00
276.70	1302.68	955.28	0.00	14.72	456.68	22.76	4.71	26.83	3.28	3.22
276.70	0.00	0.00	9227.07	68.41	158.23	0.00	5.69	13.93	0.00	1.71
276.70	0.00	0.00	1721.38	0.00	30.32	0.00	0.00	39.68	0.00	1.00
276.90	0.00	264.50	1991.88	1.37	78.07	0.00	0.00	53.60	1.66	1.00
276.90	0.00	54.30	0.00	2.29	85.57	0.91	0.00	39.48	0.00	1.00
276.90	137.57	0.00	187.87	8.39	264.81	9.85	9.02	44.51	0.00	1.53
277.20	0.00	0.00	10569.42	55.67	21.82	10.91	6.24	49.22	1.08	2.49
277.20	0.00	0.00	16088.44	25.40	94.10	8.15	4.60	16.52	0.00	1.46
277.20	0.00	0.00	7734.25	45.17	128.14	0.00	0.00	28.99	0.00	2.16
277.20	5202.03	3373.00	1052.21	66.41	26.31	1.47	0.00	57.86	0.00	1.76
277.50	0.00	0.00	12769.12	74.87	35.75	10.51	0.00	46.14	3.17	2.28
277.80	0.00	0.00	12085.16	103.30	59.27	0.00	5.15	40.14	0.00	3.96
277.80	0.00	0.00	9839.69	96.69	72.09	8.38	2.60	30.58	1.11	4.13
278.10	1755.52	1953.91	5579.54	82.27	76.98	3.64	5.12	75.86	0.00	3.03
278.10	0.00	0.00	7155.82	59.67	42.10	8.91	3.43	114.86	2.14	1.51
278.10	2702.47	3275.45	2888.48	68.36	96.40	0.00	5.35	77.71	1.31	3.01
278.40	0.00	0.00	12669.98	92.33	71.47	1.40	13.13	53.41	4.07	4.16
278.40	3242.92	4440.36	2690.16	82.26	141.85	6.97	0.00	57.26	1.48	4.05
278.40	1889.36	1859.80	5855.16	87.86	134.19	9.67	5.35	55.29	1.35	3.65
278.70	0.00	0.00	9029.91	56.19	89.34	0.00	5.73	76.47	2.70	2.08
279.00	4286.18	4234.82	0.00	35.21	60.42	3.45	5.82	35.31	0.00	1.40
279.00	26.46	33.55	3614.65	40.97	94.23	2.99	0.00	39.69	0.00	1.51
279.30	0.00	0.00	14131.00	68.08	79.58	0.00	2.38	72.67	0.00	2.90
279.60	0.00	0.00	10964.41	79.60	67.81	2.79	2.72	54.74	0.00	3.90
279.60	3594.30	3535.98	0.00	84.20	46.47	0.00	6.53	61.33	2.10	3.41
279.60	0.00	0.00	8421.07	82.00	86.09	0.00	1.92	56.90	1.70	3.25
279.90	0.00	537.58	9849.28	94.39	24.22	0.00	3.97	44.16	3.69	2.13
280.20	1830.02	2028.22	3949.05	72.85	72.19	1.29	0.00	29.63	0.00	3.04
280.20	239.65	615.75	4831.25	59.30	75.52	0.00	0.00	23.83	1.83	2.15
280.20	748.68	1592.17	4004.95	60.16	46.06	0.00	0.00	13.71	3.62	3.03
280.20	2573.00	2349.94	527.07	61.47	87.60	0.00	7.61	17.95	1.38	3.17
280.50	1551.41	2020.00	3628.34	66.40	115.83	0.00	0.00	5.96	2.30	3.47
280.50	0.00	0.00	17125.40	93.77	80.73	11.30	2.47	3.49	5.42	3.29
280.80	0.00	0.00	9973.75	15.78	195.55	2.38	7.46	0.00	1.31	2.35
280.80	4121.74	4146.27	0.00	42.41	180.29	3.22	5.92	34.51	3.04	3.40
280.80	2400.52	2581.02	1400.76	52.15	55.62	0.00	3.84	16.58	0.00	1.60
280.80	0.00	0.00	10884.82	50.39	63.76	6.48	2.08	5.05	0.00	2.36
280.80	2801.20	3594.88	2568.28	61.41	121.46	0.00	3.92	26.96	4.16	3.09
281.10	0.00	0.00	17694.37	101.48	62.66	5.03	2.17	12.09	0.00	3.89

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
281.10	0.00	0.00	10688.42	107.55	44.70	0.00	7.08	10.00	2.75	3.62
281.40	0.00	0.00	9102.55	64.29	91.06	0.00	3.64	8.81	0.00	2.67
281.17	0.00	0.00	6730.44	54.37	145.38	3.48	6.54	5.93	0.00	2.94
281.17	2305.03	2402.26	1517.64	65.33	136.41	0.00	0.00	7.88	2.08	2.86
281.70	0.00	0.00	8045.70	75.75	79.07	0.00	7.19	22.80	3.50	2.89
282.00	1588.34	1534.94	2237.20	43.85	77.47	0.00	6.87	1.99	1.84	1.46
282.25	285.26	649.34	0.00	0.00	27.52	0.00	0.00	1.00	0.00	1.00
282.25	722.12	1210.86	0.00	0.00	13.86	0.00	0.00	4.73	0.00	1.00
282.30	1402.45	2407.16	6726.72	91.61	69.96	2.08	0.00	22.89	0.00	3.50
282.30	0.00	0.00	13256.37	92.66	74.72	0.00	1.89	20.64	0.00	3.66
282.30	0.00	0.00	12832.28	95.39	82.58	0.00	1.20	16.00	2.78	4.23
282.30	390.48	874.35	7679.31	107.94	83.03	0.00	0.00	12.27	2.11	3.61
282.60	0.00	42.74	4707.28	32.66	82.64	0.00	1.34	18.31	2.93	1.46
282.60	0.00	0.00	13251.97	27.89	106.44	0.00	0.00	18.10	0.00	2.23
282.60	49.04	0.00	2527.80	29.47	76.01	0.00	0.00	15.08	0.00	1.65
282.60	0.00	0.00	5003.29	28.78	107.31	0.00	0.00	28.14	0.00	1.61
282.90	1156.93	1075.85	1787.60	48.55	236.53	7.00	1.52	50.22	2.34	4.19
283.20	0.00	0.00	11094.18	97.94	58.12	0.00	0.00	38.89	2.83	3.52
283.20	0.00	0.00	16875.10	99.02	94.59	4.70	5.75	6.04	3.66	4.09
283.20	0.00	0.00	10230.26	85.87	81.74	0.00	0.00	4.93	0.00	3.31
283.20	0.00	0.00	10746.39	94.10	75.75	5.91	1.16	16.80	4.07	3.53
283.20	0.00	0.00	9428.99	89.53	100.33	3.43	7.23	18.79	2.76	4.15
283.20	2937.81	2739.95	4273.19	106.95	77.72	10.82	0.00	14.50	3.92	4.74
283.20	0.00	0.00	14127.15	85.75	89.30	0.00	4.01	1.61	0.00	3.66
283.20	138.67	935.70	5425.23	64.57	59.33	0.00	0.00	4.49	7.15	2.17
283.20	0.00	0.00	13849.71	86.73	73.89	1.76	1.88	16.88	1.63	2.88
283.20	0.00	2.46	7555.05	74.69	77.77	0.00	0.00	12.64	3.33	2.81
283.20	2650.75	2610.14	2631.21	81.90	45.51	0.00	5.53	8.81	0.00	3.62
283.30	0.00	0.00	4451.74	29.04	70.11	4.90	0.00	2.95	0.00	1.36
283.30	2251.33	2037.27	0.00	29.20	49.56	0.00	5.65	1.35	0.00	1.36
283.30	0.00	0.00	4461.22	23.79	58.90	0.00	1.19	0.00	0.00	1.07
283.30	0.00	0.00	4215.27	20.50	66.21	3.36	1.56	2.84	0.00	1.12
283.30	0.00	0.00	7800.31	33.05	66.73	0.00	0.00	3.10	0.00	1.61
283.30	2238.10	2668.03	230.31	30.24	44.19	5.41	0.00	2.79	0.00	1.50
283.30	0.00	0.00	4132.34	26.30	50.11	3.96	0.00	16.18	0.00	1.62
283.30	0.00	0.00	6388.55	32.02	72.03	0.00	0.00	9.78	2.82	1.64
283.30	0.00	0.00	10057.74	77.23	97.47	6.37	6.60	7.88	0.00	4.61
283.30	494.88	566.77	7389.93	79.31	96.33	8.42	0.00	9.25	0.00	3.64
283.60	4523.70	4421.62	0.00	132.65	60.06	1.94	0.00	1.36	3.74	5.04
283.60	0.00	0.00	10194.07	66.61	160.81	11.57	4.51	0.00	0.00	4.58
283.90	0.00	0.00	9446.99	54.83	205.36	0.00	6.43	0.00	4.24	3.87

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
283.90	3411.18	3151.32	374.94	56.75	120.37	9.44	0.00	2.03	3.98	2.68
283.90	1353.33	1484.35	4790.60	64.66	203.94	0.00	2.68	0.00	4.80	3.33
283.90	209.54	179.91	5849.42	64.15	55.22	6.97	0.00	2.11	0.00	4.61
284.20	0.00	0.00	3639.29	3.44	92.64	0.00	4.85	0.00	0.00	1.00
284.20	2663.52	2712.07	0.00	37.91	165.29	5.62	0.00	3.05	0.00	1.41
284.20	0.00	0.00	7544.64	0.00	196.22	4.67	4.45	8.86	0.00	1.31
284.20	1534.11	2014.08	0.00	1.95	115.04	0.03	7.04	1.00	0.00	1.00
284.20	0.00	0.00	5260.49	2.90	315.81	0.00	2.66	17.21	2.26	4.90
284.20	4784.93	4979.17	0.00	0.00	90.55	2.26	0.00	21.40	0.00	1.08
284.20	0.00	0.00	27071.26	12.22	224.50	1.22	11.98	1.80	2.79	1.47
284.50	0.00	0.00	11712.58	70.21	107.44	0.00	11.68	0.00	2.16	2.79
284.65	3584.55	3732.51	0.00	30.85	35.66	8.38	0.00	0.00	0.00	1.14
284.65	1415.73	1500.46	0.00	22.01	25.20	4.54	3.29	1.00	0.00	1.00
284.65	0.00	0.00	12183.60	136.94	81.18	0.00	0.00	1.00	3.86	3.99
284.65	0.00	0.00	4167.16	12.97	153.07	4.91	0.00	1.82	0.00	1.44
284.80	0.00	0.00	4162.69	33.57	67.85	0.00	4.88	3.26	0.00	1.86
284.80	0.00	0.00	12336.53	38.01	46.00	0.00	9.83	4.97	0.00	1.39
285.10	0.00	0.00	7977.67	49.56	65.61	0.00	0.00	4.06	0.00	2.26
285.10	2704.48	3006.60	0.00	45.91	64.72	11.79	2.01	10.23	0.00	3.61
285.40	538.85	732.89	6704.26	63.53	142.04	6.27	4.77	5.16	0.00	2.60
285.40	699.59	430.58	4866.85	56.15	146.39	2.23	10.71	3.48	2.24	3.13
285.40	0.00	0.00	11254.59	75.31	102.77	0.00	10.80	13.54	1.15	2.73
285.40	1130.02	1771.67	5041.06	70.22	97.42	0.00	5.80	14.87	2.06	2.93
285.40	3403.09	3461.13	989.75	63.32	129.58	6.02	0.00	6.83	4.42	1.99
285.40	3593.51	3917.04	837.85	62.42	153.10	0.00	2.90	4.94	2.59	2.75
285.70	0.00	0.00	8331.83	47.49	113.97	0.00	1.46	103.61	0.00	1.88
285.70	0.00	0.00	8095.44	38.68	180.57	0.00	6.31	29.46	3.93	1.13
285.70	0.00	0.00	10061.42	47.54	113.86	6.27	5.59	100.09	2.49	1.07
285.70	1321.25	1502.74	7000.93	76.75	80.82	5.80	1.01	162.31	1.78	1.46
285.70	1803.62	1847.59	2668.52	40.75	113.64	7.49	5.12	80.10	2.76	1.44
285.70	500.48	0.00	5682.21	66.46	92.63	3.63	2.50	123.98	4.13	1.96
285.70	325.35	391.80	670.30	31.16	532.29	1.21	15.23	0.00	3.86	3.53
285.70	0.00	0.00	7598.81	57.01	194.96	7.77	9.84	67.87	1.85	1.00
285.70	0.00	0.00	15272.29	70.07	104.68	0.00	8.92	87.85	1.55	2.13
285.70	3737.79	4292.88	443.35	75.03	172.55	0.00	3.72	25.46	2.40	3.61
285.70	211.49	324.39	5900.79	79.81	183.78	2.40	0.00	31.02	2.56	2.55
286.00	0.00	0.00	8572.71	56.69	109.49	0.00	4.73	1.00	0.00	2.60
286.00	0.00	0.00	4573.99	55.76	96.62	9.41	0.00	0.00	1.96	2.56
286.00	0.00	53.73	6844.42	58.79	99.83	3.48	6.05	0.00	2.19	2.95
286.00	3301.68	3094.25	1290.95	78.98	71.65	7.08	1.82	1.00	1.95	2.27
286.00	0.00	0.00	7753.60	80.21	72.02	1.90	8.85	0.00	2.22	2.79

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
286.00	0.00	0.00	7447.90	78.77	87.40	0.00	3.55	0.00	0.00	2.61
286.30	634.23	1253.30	4574.26	59.63	70.20	5.94	0.00	24.21	1.36	1.60
286.60	0.00	0.00	11390.96	100.53	89.39	3.25	0.00	8.99	3.02	4.14
286.60	715.57	895.18	9221.56	95.68	80.04	0.00	5.11	5.69	2.76	4.09
286.60	0.00	0.00	13364.77	90.52	89.67	3.78	3.02	5.50	1.86	3.10
286.60	1335.90	1846.26	5756.99	99.70	89.95	7.87	4.75	6.34	3.49	4.03
286.60	0.00	0.00	15357.78	102.56	76.65	3.35	6.01	5.33	1.84	3.23
286.60	0.00	0.00	11924.94	89.79	95.82	0.00	2.92	6.38	0.00	2.47
286.60	0.00	0.00	7709.03	81.26	106.05	0.03	6.21	4.36	1.75	2.93
286.60	0.00	0.00	9887.81	99.46	84.84	0.00	4.58	4.14	0.00	4.41
286.60	1775.41	1392.78	3571.64	99.30	78.03	0.00	0.00	2.86	1.35	3.50
286.60	4068.71	4091.92	579.91	87.29	89.08	3.18	0.00	5.06	0.00	4.26
286.60	458.54	1130.79	5866.32	101.46	79.79	0.00	0.00	8.70	4.70	4.01
286.60	0.00	206.82	9116.11	101.00	84.26	0.00	1.90	5.35	2.30	4.66
286.60	0.00	0.00	14397.58	103.94	79.63	0.00	2.37	3.52	2.81	3.61
286.60	0.00	0.00	8651.99	80.93	90.30	0.00	0.00	8.27	4.66	2.81
286.60	0.00	416.33	9039.98	83.03	78.55	0.00	3.11	4.43	1.14	3.31
287.00	0.00	0.00	10364.65	61.11	98.78	9.93	1.24	17.64	2.63	2.56
287.00	0.00	0.00	17694.51	81.11	84.44	5.25	1.53	13.57	0.00	2.46
287.00	0.00	0.00	12540.90	85.14	73.24	0.00	5.06	17.29	1.73	4.29
287.00	0.00	0.00	10445.95	70.00	75.59	10.71	5.59	23.01	0.00	3.83
287.00	0.00	0.00	11887.34	84.84	76.85	9.67	0.00	23.45	4.17	3.09
287.00	0.00	0.00	10861.44	78.52	82.84	0.00	0.00	20.93	0.00	3.09
287.00	625.85	701.36	6538.68	89.66	56.75	0.00	0.00	16.39	6.43	2.74
287.30	0.00	0.00	8377.47	79.08	83.92	0.00	8.69	32.89	3.78	2.99
287.60	0.00	0.00	5893.12	31.45	183.34	0.00	13.15	49.12	0.00	1.10
287.70	329.39	277.18	2668.94	34.37	178.70	0.00	4.00	82.61	2.41	1.23
287.70	305.11	974.22	3801.18	37.23	177.74	0.00	7.16	84.61	0.00	2.05
287.70	0.00	0.00	4854.57	22.10	227.80	4.10	2.22	69.74	0.00	1.00
287.70	0.00	0.00	7742.05	30.95	165.95	0.00	0.00	80.78	0.00	1.35
287.75	0.00	0.00	12422.32	96.18	119.01	0.00	0.00	138.74	1.27	3.44
287.95	0.00	0.00	7244.09	67.42	221.13	7.04	1.90	135.30	0.00	2.20
287.95	0.00	0.00	10678.79	72.77	174.17	3.88	15.54	148.63	0.00	2.83
287.95	0.00	0.00	13254.64	71.84	229.16	0.00	2.72	101.91	0.00	2.43
287.95	0.00	0.00	10956.66	67.15	212.74	0.00	4.18	136.49	0.00	2.32
287.95	906.07	964.81	5874.35	59.54	255.44	4.77	6.71	104.72	0.00	2.41
287.95	0.00	0.00	13085.86	64.80	260.85	0.00	5.67	92.56	1.17	2.76
287.95	0.00	0.00	7005.85	54.91	225.89	4.22	13.09	89.31	0.00	3.26
288.25	446.73	668.37	1375.24	28.96	437.84	0.00	12.66	42.72	0.00	1.00
288.25	0.00	52.74	3977.62	20.90	351.14	14.29	13.06	69.27	0.00	1.40
288.25	0.00	0.00	4214.95	34.88	511.84	0.00	21.55	66.13	0.00	2.55

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
288.25	0.00	0.00	7893.30	53.42	369.82	10.34	10.88	99.91	0.00	1.00
288.25	0.00	0.00	5384.52	49.89	440.97	7.00	0.00	49.52	0.00	1.77
288.40	33.83	72.20	1204.89	0.00	249.32	6.61	4.62	3.67	0.00	1.00
288.40	868.24	1325.70	0.00	1.09	30.96	6.62	0.00	1.00	0.00	1.00
288.40	0.00	0.00	9562.02	76.03	400.33	6.00	4.52	51.02	1.29	2.58
288.40	0.00	0.00	3944.36	0.00	97.73	2.03	10.09	5.21	8.23	1.00
288.70	1145.00	1441.15	2806.78	57.90	367.42	0.00	7.35	63.57	0.00	2.90
288.70	2821.14	2654.01	1465.58	76.74	383.13	0.00	4.88	46.48	3.71	3.47
289.00	0.00	0.00	2492.10	14.96	796.51	0.00	10.12	48.61	0.00	1.00
289.00	0.00	0.00	1831.19	5.53	336.95	0.00	15.39	16.33	0.00	1.00
289.00	0.00	0.00	1244.54	16.55	812.49	16.50	11.59	48.43	0.00	1.35
289.00	0.00	0.00	4891.22	38.23	600.36	0.00	3.57	43.65	3.21	3.60
289.00	0.00	0.00	4421.83	19.51	671.51	0.00	10.73	41.20	2.48	1.00
289.30	0.00	0.00	8721.30	53.70	426.64	7.89	10.84	67.39	3.54	1.11
289.30	0.00	77.91	7042.35	60.89	463.96	0.00	5.41	41.24	0.00	2.01
289.30	0.00	0.00	8575.64	91.80	334.98	2.34	15.55	73.89	1.59	1.81
289.30	0.00	0.00	5481.50	61.98	365.75	2.11	3.82	60.21	0.00	1.96
289.30	1181.83	1079.17	1017.79	37.70	512.98	0.00	13.33	38.88	0.00	2.54
289.30	846.55	936.46	3259.76	44.79	415.65	0.00	9.56	40.39	0.00	1.55
289.60	0.00	0.00	3810.35	0.00	252.84	0.00	7.41	1.00	0.00	1.00
289.60	0.00	0.00	0.00	0.00	235.07	1.36	3.35	0.00	0.00	1.00
289.60	1191.71	1693.01	0.00	0.00	234.69	0.00	6.95	1.00	0.00	1.00
289.60	448.39	824.82	0.00	1.98	128.88	0.00	0.00	1.00	4.07	1.00
289.60	711.90	706.18	5658.62	0.00	197.40	0.00	7.79	0.00	20.39	1.00
289.60	1095.27	1272.05	0.00	4.33	168.32	3.42	2.12	0.00	4.08	1.00
289.60	0.00	0.00	10431.44	50.06	374.62	2.24	4.67	36.04	11.79	1.00
289.60	5245.40	4742.54	0.00	1.13	315.86	0.00	7.10	6.41	0.00	1.00
289.60	0.00	0.00	6641.82	0.00	262.57	0.00	6.34	1.00	0.00	1.00
289.60	2857.88	2427.83	0.00	48.27	315.16	0.00	6.24	67.30	2.17	1.30
289.60	0.00	0.00	5871.92	44.89	235.16	0.00	9.52	37.82	0.00	1.00
289.60	1869.74	1370.00	2603.16	39.97	375.21	4.00	4.78	82.27	1.80	1.10
289.60	0.00	0.00	6496.58	43.55	288.71	4.63	5.20	67.53	1.12	1.00
289.60	770.21	788.11	3747.43	47.63	353.61	0.00	10.82	52.17	0.00	2.19
289.60	0.00	0.00	6275.35	45.24	253.82	5.97	9.51	82.71	2.89	1.00
289.60	4173.75	4022.08	0.00	31.36	272.75	0.00	1.88	102.20	2.17	1.00
289.80	0.00	0.00	13797.29	78.64	347.79	0.00	6.06	27.14	8.40	2.23
289.80	0.00	0.00	11091.11	43.93	656.92	0.00	8.69	45.74	4.74	4.24
289.80	0.00	0.00	11431.99	37.41	394.62	0.00	8.52	41.79	1.36	1.11
289.80	0.00	0.00	5789.92	21.20	684.18	0.00	10.38	48.93	3.20	4.37
290.10	426.14	691.19	7925.12	44.36	409.94	10.73	10.75	49.82	0.00	1.18
290.10	0.00	0.00	17033.15	196.91	204.52	11.08	13.73	26.55	4.26	3.41

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
290.10	0.00	14.17	8109.56	82.31	270.08	8.53	3.68	98.57	2.96	1.62
290.40	768.77	459.77	5160.98	65.12	266.13	10.59	10.35	56.78	0.00	2.84
290.40	1041.20	1510.59	4536.40	65.39	233.03	0.80	3.20	67.12	2.20	1.88
290.40	0.00	0.00	7411.25	69.96	289.68	3.77	1.22	49.49	0.00	3.82
290.40	2107.65	2218.64	1358.24	59.38	268.28	3.24	2.37	46.51	0.00	2.08
290.70	487.35	814.93	4011.94	118.86	447.66	0.00	14.86	23.06	0.00	1.52
290.70	0.00	0.00	9140.54	97.07	369.54	0.00	13.56	29.08	1.24	1.29
290.70	0.00	0.00	9863.10	112.00	485.72	0.00	220.76	15.90	0.00	5.30
290.70	0.00	0.00	12586.64	76.49	413.14	0.00	247.11	67.75	0.00	4.03
290.70	0.00	0.00	14143.42	115.98	256.94	12.14	4.05	89.20	0.00	1.00
291.00	1906.11	2280.32	5318.31	66.09	348.08	2.07	8.21	63.43	0.00	1.16
291.00	0.00	0.00	15127.82	94.21	225.77	0.00	8.03	105.37	3.46	1.10
291.00	2066.84	2237.23	10441.71	124.70	264.70	2.65	5.16	68.28	2.41	1.14
291.00	0.00	0.00	8084.75	66.86	462.28	2.63	4.76	37.66	0.00	1.00
291.30	0.00	0.00	9072.69	54.95	368.53	8.86	7.36	82.82	0.00	1.89
291.30	3241.33	2852.39	4460.09	84.41	246.27	4.18	0.00	114.63	1.64	1.49
291.30	0.00	0.00	13082.34	55.27	371.00	10.09	0.00	62.74	1.95	2.45
291.30	0.00	0.00	4840.85	53.05	387.20	0.00	13.39	57.16	0.00	2.59
291.30	0.00	158.95	8182.20	61.68	226.24	3.07	2.20	115.48	3.03	2.06
291.60	0.00	0.00	11616.59	92.84	190.81	0.00	4.40	40.50	1.39	1.86
291.60	0.00	0.00	6470.97	47.16	161.72	0.00	0.00	53.50	1.04	2.24
291.60	1620.54	1708.70	838.31	24.10	243.48	2.23	6.11	30.45	1.21	1.45
291.90	0.00	0.00	11020.94	65.97	168.77	5.42	0.00	16.51	1.37	1.58
291.90	579.10	484.91	5541.21	66.73	158.36	4.87	0.00	25.25	0.00	3.68
291.90	288.32	356.16	6446.23	72.96	149.70	4.57	2.17	19.47	1.00	2.20
291.90	1386.92	1519.15	4959.50	80.30	102.67	0.00	2.61	27.79	0.00	3.27
291.90	3632.38	3896.41	736.03	77.41	140.13	3.28	2.64	23.98	0.00	1.57
291.90	0.00	0.00	13626.94	100.42	92.22	0.00	0.00	35.33	2.31	3.76
292.20	0.00	0.00	9052.87	63.93	194.02	3.07	3.08	24.47	1.61	2.67
292.20	0.00	0.00	7899.11	26.07	198.34	0.00	7.51	44.99	0.00	1.00
292.20	0.00	0.00	3164.99	3.65	1248.92	12.59	20.92	4.26	0.00	1.38
292.50	1920.33	2014.86	0.00	0.00	355.54	2.53	1.91	58.48	1.21	1.00
292.50	1350.74	1455.66	1130.06	47.72	156.80	4.47	0.00	1.75	1.69	1.00
292.50	0.00	0.00	9056.70	113.69	266.27	0.52	2.22	81.50	3.10	4.42
292.50	0.00	0.00	1196.48	15.72	329.20	4.01	6.63	27.50	5.52	4.88
292.80	435.02	460.90	6457.63	67.60	215.37	1.25	0.00	22.75	0.00	4.18
293.10	1442.11	2270.22	4168.73	44.93	134.63	0.00	0.00	24.16	5.61	1.00
293.40	730.52	887.74	2027.06	33.82	182.36	0.95	9.58	50.57	3.22	2.44
293.40	1914.38	1926.13	1068.97	32.80	139.84	0.00	5.29	20.44	0.00	1.57
293.40	0.00	0.00	8715.61	51.19	118.17	4.14	0.00	74.91	0.00	1.43
293.40	0.00	0.00	12394.48	31.45	132.44	1.00	0.00	35.22	0.00	2.35

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Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
293.40	0.00	0.00	7113.73	44.30	149.91	5.34	9.25	31.25	0.00	2.23
293.40	233.86	724.14	6251.05	53.37	117.56	1.58	0.00	49.44	0.00	1.85
293.70	0.00	0.00	8651.67	80.97	186.22	0.00	8.81	42.53	6.41	4.96
293.70	0.00	0.00	14310.86	67.88	165.91	3.33	1.72	77.68	3.15	2.39
293.70	1011.88	1101.85	8172.79	106.95	147.07	7.18	1.31	64.60	3.98	2.98
294.00	197.35	815.09	7237.48	82.31	295.87	0.00	0.00	74.97	6.50	2.92
294.00	3895.02	3774.23	0.00	52.11	364.82	11.11	11.71	91.74	0.00	3.60
294.30	1706.98	1977.60	8820.39	111.61	177.66	0.00	7.77	81.99	5.79	3.03
294.60	2506.92	2227.94	1817.85	80.87	214.35	0.00	1.07	36.26	2.80	3.95
294.90	1276.95	1498.33	4197.74	76.32	113.50	0.00	0.00	20.88	1.90	1.73
294.90	0.00	0.00	13543.61	74.49	126.65	1.64	5.14	23.75	2.78	2.39
295.20	2849.38	2492.59	484.93	67.52	154.76	0.00	3.50	72.55	2.39	1.39
295.20	0.00	0.00	6648.13	72.63	186.23	0.00	0.00	55.96	3.97	2.13
295.20	0.00	0.00	6670.25	47.65	196.39	5.26	1.07	44.03	0.00	2.10
295.20	1846.41	1954.52	3217.18	74.71	146.03	0.00	4.83	68.88	0.00	1.91
295.50	0.00	0.00	6213.91	63.49	146.98	6.90	6.77	72.58	0.00	2.19
295.50	0.00	0.00	7845.01	67.99	122.20	7.64	0.00	90.11	0.00	2.79
295.80	0.00	0.00	10644.11	79.01	174.18	7.17	4.67	86.12	2.17	1.78
295.80	4347.05	4380.36	322.02	76.44	203.48	1.65	5.66	76.66	0.00	1.77
295.80	0.00	216.40	5678.61	73.42	237.45	0.00	8.87	66.70	0.00	2.19
296.10	502.83	863.23	5408.50	79.72	143.23	0.00	0.00	117.51	3.56	2.70
296.10	6768.80	6405.64	0.00	103.42	113.77	1.52	0.00	191.46	4.28	2.44
296.10	1812.55	2031.33	2478.33	71.99	145.38	0.00	2.81	110.95	1.15	1.67
296.40	0.00	0.00	12401.84	92.05	193.48	0.00	0.00	144.49	3.53	1.00
296.80	2675.65	2129.60	5126.89	94.71	189.62	11.21	0.00	134.53	2.14	1.00
296.80	0.00	0.00	8867.90	79.34	325.60	12.68	4.60	118.79	3.15	1.21
296.80	1858.55	2343.31	3805.88	61.53	165.80	5.13	0.00	89.43	0.00	1.00
297.10	0.00	0.00	5754.90	4.99	222.75	0.00	5.41	98.53	1.18	1.00
297.40	2282.60	2509.31	2468.85	80.65	191.04	1.25	0.00	76.61	5.33	1.72
297.40	0.00	0.00	9238.09	96.85	183.71	1.37	3.56	88.71	2.12	2.66
297.40	0.00	307.22	6179.43	90.70	180.91	2.05	0.00	56.70	4.78	2.51
297.40	121.30	466.94	6394.51	83.55	178.92	0.00	3.95	76.06	0.00	1.14
297.40	0.00	496.71	8552.24	91.30	157.90	3.40	0.00	79.12	0.00	1.62
297.40	0.00	0.00	10346.97	78.25	244.51	0.00	12.85	42.95	1.61	2.16
297.40	2337.36	2878.76	4064.44	90.19	230.84	5.09	2.70	48.22	5.89	2.39
297.40	1798.60	1756.02	4070.96	76.09	172.23	0.00	1.07	76.97	0.00	1.54
297.40	0.00	0.00	10784.50	87.97	222.39	0.00	0.00	63.49	0.00	1.67
297.40	0.00	0.00	11031.59	83.77	210.88	4.76	0.00	61.20	1.41	2.50
297.40	0.00	0.00	11198.91	88.72	128.95	2.78	0.00	94.42	3.99	1.53
297.80	0.00	0.00	8735.12	29.23	258.09	10.92	10.57	18.60	2.48	3.17
297.80	163.04	597.52	7076.75	87.12	267.04	7.21	1.41	77.33	1.25	3.59

The

Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
297.80	0.00	0.00	19958.05	92.94	216.34	6.48	0.00	76.15	6.78	3.24
298.10	2413.91	2532.60	3312.05	78.31	112.37	0.00	4.12	110.23	2.84	1.93
298.10	0.00	0.00	14234.37	97.84	119.15	3.39	14.98	90.60	2.93	3.10
298.10	0.00	293.93	6856.81	88.43	149.12	3.71	4.64	40.81	1.26	3.29
298.10	0.00	0.00	7615.35	82.98	131.64	8.26	2.35	78.41	3.28	1.29
298.10	3690.20	3185.35	1535.28	81.48	114.54	0.00	6.46	87.24	0.00	3.01
298.10	0.00	0.00	9375.35	71.02	124.90	4.02	0.00	108.55	0.00	2.37
298.10	1816.74	1546.48	5660.35	72.79	116.24	0.00	0.00	114.99	3.35	2.31
298.10	0.00	0.00	16279.19	77.10	131.07	9.94	4.34	118.19	1.08	1.72
298.10	132.48	418.15	7782.73	92.20	156.45	0.00	5.39	82.73	2.23	3.58
298.40	0.00	0.00	9703.82	55.94	95.45	0.00	5.02	23.87	1.40	2.19
298.40	0.00	0.00	6128.92	57.56	97.28	0.00	3.39	28.96	1.09	2.26
298.70	0.00	13.06	5918.59	37.64	82.94	6.79	2.94	44.90	1.14	1.61
299.00	2062.71	1928.54	0.00	43.35	351.14	0.00	9.07	90.69	0.00	2.12
299.30	0.00	0.00	13271.21	42.02	202.85	0.00	0.00	59.17	1.15	2.18
299.60	0.00	0.00	3758.99	5.83	112.20	7.44	0.00	78.19	1.68	1.00
299.60	5556.03	4406.59	0.00	20.79	64.10	5.02	1.93	156.85	0.00	1.00
299.60	0.00	0.00	6262.94	7.29	133.53	3.55	0.00	115.38	2.06	1.00
299.90	0.00	0.00	8672.40	79.94	350.67	2.07	8.62	41.66	0.00	3.23
299.90	0.00	0.00	10710.32	49.14	594.19	1.64	12.83	36.26	1.87	1.79
299.90	0.00	0.00	11822.50	84.02	413.69	0.00	20.03	45.97	0.00	4.66
300.15	0.00	0.00	4914.11	22.22	553.62	12.25	11.60	50.26	6.02	1.00
300.15	2008.82	1901.69	0.00	20.74	740.06	5.79	5.24	65.15	6.06	1.00
300.15	6248.14	5406.82	0.00	27.89	791.04	6.24	7.49	93.41	7.01	1.13
300.35	0.00	0.00	6895.09	78.07	1072.54	2.82	27.55	37.88	2.40	1.00
300.70	1925.01	1978.12	347.59	50.70	534.61	6.80	4.75	13.54	4.37	3.25
300.70	598.92	823.30	6555.59	83.17	651.37	1.32	13.72	28.87	0.00	2.19
300.70	0.00	0.00	14297.73	106.86	485.63	5.18	7.53	35.56	4.68	1.07
300.70	3424.13	2829.05	131.92	60.85	437.50	4.17	16.69	47.33	0.00	1.00
300.70	635.82	1176.37	4320.82	65.77	464.63	7.70	11.08	38.27	2.39	1.00
300.70	339.14	241.96	4828.90	66.43	464.26	14.22	10.77	33.33	0.00	1.30
301.00	0.00	0.00	8264.99	29.85	597.70	0.00	9.89	20.76	1.79	3.65
301.10	2504.00	2470.78	0.00	22.42	365.03	5.77	7.01	4.48	0.00	6.56
301.10	3876.38	3652.20	0.00	57.83	343.53	0.00	11.00	18.10	7.80	1.00
301.10	0.00	0.00	5538.14	12.93	278.13	14.90	18.83	23.09	0.00	1.06
301.10	0.00	0.00	4452.80	2.40	350.68	0.33	8.98	86.80	1.30	1.00
301.10	0.00	0.00	7078.32	8.12	1269.54	9.68	31.13	108.99	0.00	2.70
301.10	0.00	0.00	3891.64	31.82	399.67	3.91	8.07	12.33	2.76	1.00
301.45	0.00	0.00	9678.43	51.16	607.35	0.00	3.16	46.99	6.02	1.00
301.45	0.00	0.00	4993.90	62.02	561.24	0.00	13.69	33.16	4.87	1.00
301.45	1876.51	1614.60	410.33	9.51	475.93	6.26	0.00	20.90	2.98	1.00

The

Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
301.70	0.00	0.00	11873.38	36.40	594.98	8.92	7.16	70.63	0.00	1.90
301.70	1154.36	873.88	4984.55	59.22	527.32	9.96	6.80	53.35	3.47	1.67
301.70	0.00	0.00	2316.97	23.96	785.81	6.20	24.25	24.42	0.00	1.09
301.70	228.91	180.21	4091.07	53.32	426.02	0.00	2.54	39.84	0.00	1.16
301.70	0.00	0.00	4795.11	37.38	497.24	0.00	16.16	63.15	0.00	1.00
301.70	1868.50	2191.60	5797.51	57.77	595.89	0.53	12.18	83.74	0.00	2.07
301.70	0.00	0.00	9399.25	45.90	557.03	0.00	14.64	76.56	0.00	1.11
302.00	0.00	0.00	10965.76	62.64	449.15	0.00	11.01	58.12	3.88	1.00
302.30	0.00	0.00	12061.49	52.10	434.23	0.00	19.22	25.17	0.00	5.55
302.60	3127.55	2745.93	0.00	57.49	434.95	0.00	2.24	60.46	2.14	1.28
302.90	0.00	0.00	7856.89	43.58	219.39	4.11	0.00	130.99	0.00	1.00
303.20	0.00	0.00	8698.67	48.94	143.08	2.43	0.00	23.23	0.00	3.07
303.20	0.00	0.00	7163.25	60.20	201.12	5.65	2.49	21.24	1.31	1.95
303.20	0.00	0.00	13114.44	76.57	212.30	3.02	7.11	18.37	2.40	2.04
303.50	1582.98	2032.95	799.75	43.18	361.95	19.89	8.23	34.19	1.49	7.31
303.80	3080.84	3158.58	0.00	50.22	265.67	0.00	0.00	83.18	3.06	1.00
303.80	1327.83	1422.42	2741.23	47.00	249.53	0.00	0.00	95.41	0.00	1.00
303.80	1792.56	1725.72	1594.50	42.37	305.72	2.76	0.00	15.41	4.57	4.68
304.10	0.00	0.00	10424.61	97.38	256.38	2.32	6.31	28.82	1.84	2.61
304.10	101.29	887.09	4004.71	44.99	218.83	0.00	2.20	74.19	1.24	1.21
304.10	2349.54	2026.21	4715.42	105.64	318.09	6.18	3.25	29.55	4.64	3.22
304.10	0.00	0.00	13601.19	123.63	206.61	0.00	4.11	44.60	2.95	2.56
304.10	4999.53	4392.62	0.00	15.28	277.31	4.99	8.62	2.86	0.00	1.00
304.40	1821.66	856.85	0.00	12.55	208.54	0.00	0.00	116.45	0.00	1.00
304.40	1451.34	1156.46	0.00	9.54	238.79	0.00	4.54	102.41	0.00	1.00
304.40	0.00	0.00	2774.35	13.70	207.61	0.00	4.81	113.08	0.00	1.00
304.40	0.00	0.00	3613.72	16.13	174.83	0.00	4.45	114.34	1.39	1.00
304.70	0.00	0.00	12481.15	121.30	246.96	0.00	12.59	98.26	1.89	4.17
304.70	0.00	0.00	14064.62	123.81	77.91	5.34	4.03	99.17	4.49	5.57
305.00	0.00	0.00	6646.10	60.04	76.72	0.91	1.25	115.72	1.48	1.33
305.00	1063.14	618.49	3501.73	66.23	77.17	4.31	0.00	108.87	0.00	2.27
305.00	0.00	0.00	7406.90	68.65	70.03	17.30	0.00	140.90	2.10	1.13
305.00	0.00	0.00	9457.66	66.16	54.16	0.00	0.00	134.66	5.32	1.65
305.00	0.00	0.00	7068.39	61.21	74.56	6.36	0.00	122.84	1.40	1.44
305.00	0.00	0.00	11494.09	36.44	345.20	3.04	5.11	27.00	0.00	3.30
305.00	0.00	0.00	14947.29	67.15	60.50	6.65	0.00	132.69	0.00	1.42
305.30	0.00	0.00	5442.26	24.02	807.59	3.42	3.63	16.43	0.00	2.13
305.30	0.00	0.00	10720.34	90.97	185.79	5.83	0.00	65.98	6.11	3.65
305.30	646.71	0.00	552.27	22.50	855.90	0.00	12.65	11.35	0.00	1.94
305.30	1025.17	749.28	8198.06	88.45	96.41	2.51	2.95	81.85	1.70	2.99
305.30	4346.36	4191.10	661.61	75.55	142.75	1.25	3.01	68.00	2.64	3.19

The

Mtrs	Cr	V	Ti	Zr	Sr	Th	U	Rb	Nb	Y
305.60	3273.73	2977.61	0.00	37.61	164.33	0.00	0.00	34.77	2.93	2.17
305.60	1421.75	1167.45	0.00	31.88	143.67	0.00	1.49	36.83	0.00	3.08
305.60	0.00	0.00	5201.71	35.13	125.36	0.00	5.43	57.31	0.00	1.26
305.90	0.00	0.00	7136.76	14.95	214.63	0.00	0.00	72.76	2.82	1.73
305.90	241.19	708.09	2454.21	33.24	234.29	0.00	4.44	37.25	2.11	3.77
305.90	0.00	0.00	8909.26	54.20	182.31	9.99	1.02	49.33	3.62	1.38
305.90	641.76	0.00	1610.80	12.39	189.69	6.41	0.00	78.81	2.54	1.71
305.90	0.00	0.00	4690.35	20.49	173.68	0.00	0.00	103.02	0.00	1.00
306.20	0.00	0.00	10070.78	20.75	115.42	0.00	0.00	42.04	0.00	1.04
306.20	3460.25	3176.12	0.00	41.79	87.25	0.00	0.00	45.60	0.00	1.01
306.20	0.00	0.00	10576.29	56.67	98.39	0.00	1.88	80.33	2.60	1.23
306.50	0.00	0.00	16316.34	92.49	115.91	7.76	0.00	57.61	5.00	2.94
306.50	0.00	703.73	14470.44	113.41	93.10	2.95	1.81	56.53	2.74	3.80
306.50	423.55	32.63	4355.54	58.36	92.23	8.34	0.00	88.56	1.97	3.37
306.50	187.18	305.74	3705.10	41.26	116.94	0.00	5.16	65.39	0.00	1.69
306.80	0.00	0.00	7278.59	22.91	391.79	7.72	3.78	72.27	1.06	3.66
307.10	0.00	39.25	2641.08	25.56	152.28	3.27	0.00	53.07	2.58	1.83
307.40	0.00	0.00	8905.24	29.03	114.46	0.37	3.44	48.49	0.00	1.00
307.40	0.00	0.00	2837.07	14.71	106.92	0.00	4.52	39.07	1.04	1.03
307.70	0.00	0.00	9369.27	51.36	126.00	0.00	2.11	76.35	4.33	1.00
307.70	0.00	0.00	9239.52	54.62	103.47	3.14	0.00	104.33	0.00	1.27
307.70	1400.57	775.58	2093.89	47.81	182.90	0.00	2.16	81.42	0.00	1.44
308.00	4213.58	4632.37	596.68	60.47	106.96	4.45	0.00	44.47	0.00	2.06
308.00	1717.66	1449.32	2459.19	57.64	105.27	0.00	1.50	70.55	0.00	2.20
308.00	0.00	0.00	9038.97	72.58	101.92	6.97	1.48	105.06	3.16	2.40
308.00	0.00	0.00	7972.48	56.91	110.28	9.44	1.23	59.93	0.00	2.17
308.25	1383.41	1147.65	3156.67	78.79	133.96	3.71	0.00	68.48	27.45	1.00
308.25	0.00	392.16	8492.36	94.28	342.68	5.34	3.67	38.29	16.79	1.68
308.25	3148.99	3198.39	0.00	0.00	5.82	0.00	0.00	1.00	0.00	1.00
308.25	0.00	0.00	4191.77	0.00	7.59	0.00	0.00	1.36	0.00	1.00
308.25	3962.36	3623.06	0.00	0.00	10.18	0.00	0.00	21.57	0.00	1.00
308.55	4938.00	4232.07	0.00	0.00	8.57	0.00	0.00	6.73	1.78	1.00
308.50	0.00	0.00	6514.30	0.00	69.68	0.00	8.24	150.10	2.74	1.00
309.00	3532.11	3166.95	0.00	0.00	49.15	0.00	0.00	114.11	0.00	1.00
309.00	1092.05	973.73	0.00	0.00	1.00	0.00	3.88	1.00	0.00	1.00
309.00	0.00	0.00	6527.18	2.22	17.59	0.00	0.00	44.92	0.00	1.00
309.00	2356.80	2774.25	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
309.30	782.54	550.67	0.00	1.49	1.00	0.00	0.00	1.00	0.00	1.00
309.30	4192.34	4389.66	0.00	0.00	0.00	0.00	0.00	1.83	4.61	1.00
309.30	1895.27	1942.27	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00

APPENDIX 7

DC11-03 Pulp XRF Study Results

XRF Pulp Readings for FC11-03 (By Depth)

	Depth	Depth	Sample Length									
FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08626	3.70	4.35	0.65	5045	5.28	38.55	14.64	4.74	7.67	20.47	1610.53	25.73
08626	3.70	4.35	0.65	5046	3.92	35.48	15.96	8.75	3.95	12.65	1546.45	7.4
08626	3.70	4.35	0.65	5047	0	25.88	11.68	12.69	4.28	0	1433.93	11.91
08626	3.70	4.35	0.65	5048	1.75	33.57	14.23	10.84	6.55	10.85	1696.3	18.96
08626	3.70	4.35	0.65	5049	4.75	27.79	17.67	14.41	6.84	28.78	1553.68	8.01
08626	3.70	4.35	0.65	5050	3.49	32.01	16.29	2.53	9.84	16.04	1561.58	18.76
08626	3.70	4.35	0.65	5051	0	23.47	10.07	4.58	8.94	20.44	1341.8	11.92
08626	3.70	4.35	0.65	5052	5.88	33.5	14.79	4.81	3.69	9.46	1470.96	14.18
08626	3.70	4.35	0.65	5053	4.46	30.44	16.66	7.28	8.78	19.27	1628.97	9.88
08626	3.70	4.35	0.65	5054	0	29.07	13.32	12.16	8.38	0	1682.73	14.49
08501	4.35	5.35	1.00	4933	0	68.39	22.66	0	24.09	12.02	103.79	0
08501	4.35	5.35	1.00	4934	0	73.63	17.23	0	26.75	11.95	117.45	0
08501	4.35	5.35	1.00	4935	0	71.74	21.22	0	27.19	12.19	114.79	0
08501	4.35	5.35	1.00	4936	2.53	69.25	22.51	0	26.78	11.78	96.29	0
08501	4.35	5.35	1.00	4937	0	68.86	19.86	0	26.34	15.32	94.22	2.27
08501	4.35	5.35	1.00	4938	0	69.7	20.36	2.21	25.57	0	104.79	0
08501	4.35	5.35	1.00	4939	0	67.01	17.97	0	24.03	9.46	125.61	0
08501	4.35	5.35	1.00	4940	0	62.76	16.65	2.22	23.59	10.58	89.32	0
08501	4.35	5.35	1.00	4941	2.2	76.02	18.93	1.03	27.07	16.35	112.86	2.45
08501	4.35	5.35	1.00	4942	0	68.98	19.02	3.53	24.51	18.37	110.22	0
08502	5.35	6.30	0.95	4943	0	58.16	10.33	0	16.38	17.73	18.69	0
08502	5.35	6.30	0.95	4944	0	49.93	10.68	0	14.5	10.87	0	0
08502	5.35	6.30	0.95	4945	0	62.06	14.5	1.04	18.33	4.18	19.03	0
08502	5.35	6.30	0.95	4946	0	64.26	15.42	1.2	16.86	8.54	17.2	2.06
08502	5.35	6.30	0.95	4947	1.69	67.22	11.4	0	15.16	12.66	21.26	2.8
08502	5.35	6.30	0.95	4948	0	75.84	14.42	0	18.34	10.74	20.92	0
08502	5.35	6.30	0.95	4949	0	79.79	12.92	5.45	17.69	11.39	19.51	0
08502	5.35	6.30	0.95	4950	0	75.74	11.99	1.7	18.51	18.43	23.83	0
08502	5.35	6.30	0.95	4951	2.14	79.15	13.49	3.02	19.07	15.43	21.93	0
08502	5.35	6.30	0.95	4952	0	78.25	16.07	5.12	16.8	16.98	15.49	0
04544	6.30	7.50	1.20	5235	2.43	71.82	26.62	2.93	39.12	19.46	165.69	0
04544	6.30	7.50	1.20	5236	0	83.21	30.48	0	42.44	20.61	146.68	0
04544	6.30	7.50	1.20	5237	0	79.37	28.45	2.5	46.21	27.49	171.32	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04544	6.30	7.50	1.20	5238	0	88.86	29.88	0	45.95	12.1	160.54	0
04544	6.30	7.50	1.20	5239	0	86.84	30.1	5.28	44.98	16.27	188.71	2.72
04544	6.30	7.50	1.20	5240	0	90.72	29.03	1.82	41.4	15.69	158.95	0
04544	6.30	7.50	1.20	5241	1.02	82.26	34.42	0	44.72	20.76	168.08	0
04544	6.30	7.50	1.20	5242	1.79	86.55	31.22	0	47.27	18.2	186.96	1.83
04544	6.30	7.50	1.20	5243	1.48	81.76	27.41	0	45.03	16.75	181.56	0
04544	6.30	7.50	1.20	5244	0	81.2	30.36	7.04	44.31	0	168.89	3.14
04545	6.30	7.50	1.20	5245	0	69.57	22.21	0	29.39	23.43	277.32	0
04545	6.30	7.50	1.20	5246	0	76.29	21.29	4.19	33.42	10.17	309.61	0
04545	6.30	7.50	1.20	5247	3.95	76.93	22.12	0	33.79	29.85	306.43	0
04545	6.30	7.50	1.20	5248	0	67.02	26.04	10.16	30.2	23.77	303.96	0
04545	6.30	7.50	1.20	5249	0	74.15	23.32	0	33.36	28.89	302.21	0
04545	6.30	7.50	1.20	5250	0	70.98	23.52	3.28	34.07	24.2	299.8	3.48
04545	6.30	7.50	1.20	5251	0	75.41	25.25	1.7	35.87	26.27	324.5	0
04545	6.30	7.50	1.20	5252	1.91	74.82	24.26	2.07	35.1	22.11	325.51	1.06
04545	6.30	7.50	1.20	5253	0	67.61	21.86	0	28.61	14.65	281.77	0
04545	6.30	7.50	1.20	5254	0	77.57	25.87	3.66	34.61	18.62	301.19	0
04547	7.50	8.35	0.85	5255	3.55	30.38	10.71	0	5.99	13.88	146.57	0
04547	7.50	8.35	0.85	5256	0	37.93	12.17	0	8.9	10.07	178.48	3.86
04547	7.50	8.35	0.85	5257	0	41.12	12.95	0	7.77	0	183.61	0
04547	7.50	8.35	0.85	5258	2.56	43.89	10.76	1.76	7.79	14.96	186.57	0
04547	7.50	8.35	0.85	5259	4.24	38.92	12.33	0	7.81	11.57	195.9	0
04547	7.50	8.35	0.85	5260	0	38.72	9.08	0	14.52	8.07	220.55	0
04547	7.50	8.35	0.85	5261	0	40.77	13.14	0	9.93	14.96	208.01	0
04547	7.50	8.35	0.85	5262	0	38.59	11.55	6.81	8.16	10.45	199.03	2.09
04547	7.50	8.35	0.85	5263	2.53	46.17	12.71	4.32	7.5	0	157.9	0
04547	7.50	8.35	0.85	5264	1.11	39.02	9.85	5.11	7.63	0	195.92	0
08503	8.35	8.62	0.27	4953	3.71	38.7	23.54	0	14.56	14.64	373.14	3.18
08503	8.35	8.62	0.27	4954	2.76	36.24	27.5	5.24	10.22	0	365.4	0
08503	8.35	8.62	0.27	4955	4.25	37.14	25.57	0	10.36	20.53	362.2	1.79
08503	8.35	8.62	0.27	4956	0	41.44	25.52	0	10.86	0	356.62	0
08503	8.35	8.62	0.27	4957	3.72	32.15	22.19	0	12.28	16.38	368.45	0
08503	8.35	8.62	0.27	4958	2.01	38.06	20.85	0	9.47	14.34	351.8	0
08503	8.35	8.62	0.27	4959	0	35.59	21.97	2.11	13.03	12.7	365.93	0
08503	8.35	8.62	0.27	4960	1.05	34.1	27.39	0	11.7	16.47	352.51	0
08503	8.35	8.62	0.27	4961	2.67	38.86	23.14	0	10.17	16.35	355.23	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08503	8.35	8.62	0.27	4962	0	32.39	24.85	4.24	9.98	0	348.12	0
04548	8.62	9.40	0.78	5265	3.72	31.54	20.9	1.5	10.14	9.96	162.76	0
04548	8.62	9.40	0.78	5266	1.97	30.58	16.72	0	8.83	5.69	153.31	0
04548	8.62	9.40	0.78	5267	0	35.53	19.44	1.54	9.28	13.75	168.39	0
04548	8.62	9.40	0.78	5268	0	30.67	17.02	0	8.61	11.82	170.09	0
04548	8.62	9.40	0.78	5269	0	37.06	21.78	5.16	9.56	17.42	188.41	1.74
04548	8.62	9.40	0.78	5270	0	42.51	17.08	2.43	10.78	9.96	167.18	2.41
04548	8.62	9.40	0.78	5271	0	39.08	19.02	0	10.62	14.41	159.57	1.8
04548	8.62	9.40	0.78	5272	2.02	38.15	19.21	4.05	10.64	14.7	198.52	5.08
04548	8.62	9.40	0.78	5273	4.56	33	21.27	1.18	11.11	10.42	186.96	0
04548	8.62	9.40	0.78	5274	1.57	31.85	17.76	4.08	7.85	13.21	175.3	0
04549	9.40	11.00	1.60	5275	7.49	52.8	25.59	10.19	13.06	0	136.51	3.37
04549	9.40	11.00	1.60	5276	7.13	48.14	24.34	3.65	13.74	0	126.64	0
04549	9.40	11.00	1.60	5277	7.92	48.03	24.72	5	12.72	14.05	122.69	0
04549	9.40	11.00	1.60	5278	8.11	52.02	27.46	9.24	14.96	0	124.45	0
04549	9.40	11.00	1.60	5279	5.07	46.39	24.15	9.37	12.71	11.54	122.94	0
04549	9.40	11.00	1.60	5280	7.91	53.97	28.96	7.27	13.43	0	130.03	0
04549	9.40	11.00	1.60	5281	7.38	48.91	28.13	15.05	13.98	0	139.93	1.84
04549	9.40	11.00	1.60	5282	7.45	48.39	28.39	9.61	14.96	12.96	118.5	0
04549	9.40	11.00	1.60	5283	7.43	51.9	26.94	11.11	13	0	128.14	5.72
04549	9.40	11.00	1.60	5284	6.85	45.07	26.14	9.01	11.94	0	117.01	0
04550	11.00	12.30	1.30	5285	2.12	30.33	22.54	4.29	11.78	5.34	172.39	0
04550	11.00	12.30	1.30	5286	1.2	31.84	26.11	6.34	14.64	14.67	212.17	0
04550	11.00	12.30	1.30	5287	3.23	39.01	25.82	0	13.99	10.18	197.11	0
04550	11.00	12.30	1.30	5288	2.53	42.09	26.09	2.34	12.3	11.45	213.01	1.63
04550	11.00	12.30	1.30	5289	2.48	38.32	24.35	0	13.94	12.82	208.9	0
04550	11.00	12.30	1.30	5290	0	40.33	26.98	0	13.86	12.48	245.65	2.9
04550	11.00	12.30	1.30	5291	2.67	39.17	26.87	6.15	14.76	16.72	219.64	0
04550	11.00	12.30	1.30	5292	1.63	42.6	29.64	3.59	15.08	18.69	207.33	2.48
04550	11.00	12.30	1.30	5293	3.94	40.91	22.94	0	14.89	13.7	232.27	1.05
04550	11.00	12.30	1.30	5294	0	45.06	26.34	0	16.64	0	225.75	1.22
04551	12.30	13.00	0.70	5297	4.03	41.28	13.2	3.92	8.7	12.61	257.61	1.65
04551	12.30	13.00	0.70	5298	2.61	43.29	16.19	6.78	10.61	0	277.65	2.72
04551	12.30	13.00	0.70	5299	4.56	49.75	14.83	7.52	8.75	16.11	272.97	2.72
04551	12.30	13.00	0.70	5300	4.88	41.62	16.49	6.09	10.63	18.77	258.9	0
04551	12.30	13.00	0.70	5301	4.7	47.31	16.98	4.22	11.84	13.07	279.29	4.09

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04551	12.30	13.00	0.70	5302	2.59	47.49	16.68	7.8	8.61	0	263.96	5.3
04551	12.30	13.00	0.70	5303	4.69	35.82	16.32	7.61	8.44	14.66	263.58	0
04551	12.30	13.00	0.70	5304	3.68	45.17	12.65	5.42	7.46	0	263.38	5.92
04551	12.30	13.00	0.70	5305	7.7	41.98	15.82	1.53	8.92	16.6	257.5	0
04551	12.30	13.00	0.70	5306	2.13	39.62	15.22	10.13	9.64	10.3	264.81	1.64
04552	13.00	14.21	1.21	5307	0	58.16	13.57	0	11.2	20.36	450.34	3.8
04552	13.00	14.21	1.21	5308	0	60.95	14.04	0	11.89	19.64	456.19	7.87
04552	13.00	14.21	1.21	5309	0	55.1	15.91	0	11.37	10.55	454.91	3.24
04552	13.00	14.21	1.21	5310	0	66.41	17.19	6.65	13.51	0	445.46	0
04552	13.00	14.21	1.21	5311	0	57.9	14	0	11.79	0	476.28	0
04552	13.00	14.21	1.21	5312	0	58.66	16.63	1.02	9.84	0	475.6	1.42
04552	13.00	14.21	1.21	5313	0	43.8	12.85	0	10.64	16.69	401.23	1.61
04552	13.00	14.21	1.21	5314	2.92	62.59	13.75	0	11.24	0	423.62	0
04552	13.00	14.21	1.21	5315	0	60.21	14.6	0	13.27	16.2	451.53	0
04552	13.00	14.21	1.21	5316	0	55.19	14.47	0	10.36	0	424.44	0
08504	14.21	14.90	0.69	4963	0	57.25	9.93	0	9.24	0	328.54	0
08504	14.21	14.90	0.69	4964	0	59.95	9.57	0	7.3	0	331.63	0
08504	14.21	14.90	0.69	4965	0	57.02	7.23	6.06	9.72	0	342.59	0
08504	14.21	14.90	0.69	4966	0	55.56	8.31	2.7	7.79	14.47	334.2	0
08504	14.21	14.90	0.69	4967	0	58.22	8.55	0	8.88	15.42	347.6	0
08504	14.21	14.90	0.69	4968	0	52.78	10.25	5.96	7.33	13.63	323.91	0
08504	14.21	14.90	0.69	4969	0	57.6	10.28	0	7.04	17.33	346.69	0
08504	14.21	14.90	0.69	4970	0	55.3	9.25	0	6.85	7.82	335.35	0
08504	14.21	14.90	0.69	4971	0	54.44	9.18	3.69	9.13	14.34	335.52	0
08504	14.21	14.90	0.69	4972	0	53.78	10.86	2.16	7.55	0	314.44	0
08504	14.21	14.90	0.69	4795	18.2	1.65	2.99	1.54	3.19	1.21	5.92	14.15
08504	14.21	14.90	0.69	4796	14.82	2.34	4.05	1.94	4.31	1.7	8.24	20.11
08504	14.21	14.90	0.69	4797	18.53	1.74	3.24	1.61	3.43	1.34	6.37	16.08
08504	14.21	14.90	0.69	4798	18.46	1.64	2.95	1.49	3.41	1.25	6.16	14.41
08504	14.21	14.90	0.69	4799	18.43	2.03	3.61	1.81	4.83	1.47	5.67	18.2
08504	14.21	14.90	0.69	4800	15.4	2.41	4.16	2.04	5.38	1.69	8.2	20.13
04553	14.90	16.25	1.35	5317	0	44.86	9.67	0	11.44	16.39	198.73	0
04553	14.90	16.25	1.35	5318	2.32	39.94	6.41	0	9.37	14.3	175.58	0
04553	14.90	16.25	1.35	5319	0	53.29	9.63	1.42	9.99	0	202.73	0
04553	14.90	16.25	1.35	5320	4.25	51.95	11.46	0	11.74	13.39	220.54	0
04553	14.90	16.25	1.35	5321	1.49	70.55	11.78	0	14.21	7.74	268.84	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04553	14.90	16.25	1.35	5322	3.39	63.02	11.97	0	13.18	0	243.84	0
04553	14.90	16.25	1.35	5323	7.46	65.54	11.46	0	14.36	14.4	256.91	0
04553	14.90	16.25	1.35	5324	2.38	59.58	10.89	1.48	13.24	9.69	264.93	0
04553	14.90	16.25	1.35	5325	2.1	56.78	12.33	0	11.97	11.9	254.36	0
04553	14.90	16.25	1.35	5326	0	63.81	12.25	1.38	12.23	15.67	260.72	0
04554	16.25	17.30	1.05	5327	1.66	74.59	17.68	2.26	17.27	24.75	381.13	0
04554	16.25	17.30	1.05	5328	0	67.61	14.28	2.36	14.95	0	359.44	0
04554	16.25	17.30	1.05	5329	3.33	64.71	15	0	17.33	20.7	380.2	0
04554	16.25	17.30	1.05	5330	0	76.43	16.93	6.57	14.38	26.93	365.95	3.38
04554	16.25	17.30	1.05	5331	0	72.56	15.17	3.43	17.39	1.8	353.46	2.05
04554	16.25	17.30	1.05	5332	0	68.22	15.62	2.61	14.07	0	343.24	0
04554	16.25	17.30	1.05	5333	0	61.81	13.02	6.34	16.78	11.93	389.77	0
04554	16.25	17.30	1.05	5334	0	65.87	13.49	7.67	17.25	0	343.35	0
04554	16.25	17.30	1.05	5335	0	55.13	14.47	2.21	15.23	18.15	340.99	0
04554	16.25	17.30	1.05	5336	0	55.25	14.23	8.89	16.24	0	352.02	7.26
08505	17.30	18.00	0.70	4973	0	157	34.74	0	41.84	23.46	0	0
08505	17.30	18.00	0.70	4974	0	178.43	34.5	0	39.45	16.55	17.63	0
08505	17.30	18.00	0.70	4975	2.17	172.42	33.89	0	40.73	12.25	32.01	0
08505	17.30	18.00	0.70	4976	3.05	159.46	30.35	0	39.77	15.81	0	0
08505	17.30	18.00	0.70	4977	0	145.08	32.12	4.56	43.15	21.7	0	0
08505	17.30	18.00	0.70	4978	0	165.13	30.45	0	35.9	26.54	0	0
08505	17.30	18.00	0.70	4979	0	162.42	31.55	3.53	40.2	11.46	0	0
08505	17.30	18.00	0.70	4980	1.24	147.11	29.22	4.74	36.53	27.71	16.64	0
08505	17.30	18.00	0.70	4981	0	155.14	31.43	3.13	37.17	19.97	0	1.65
08505	17.30	18.00	0.70	4982	0	149.07	34.31	0	39.72	15.7	19.94	1.46
08505	17.30	18.00	0.70	4858	18.53	1.72	4.01	1.93	3.4	1.78	6.38	5.94
08505	17.30	18.00	0.70	4859	15.61	2.45	5.93	2.78	4.51	2.48	7.96	8.41
08505	17.30	18.00	0.70	4860	18.53	2.27	5.79	2.61	5.18	2.45	8.28	7.7
08505	17.30	18.00	0.70	4861	18.43	2.09	5	2.45	4.74	2.28	4.59	7.32
08505	17.30	18.00	0.70	4862	18.96	1.69	4.08	1.96	3.06	1.79	6.06	5.91
08505	17.30	18.00	0.70	4863	18.52	1.86	4.63	2.13	3.54	1.98	6.72	6.27
08505	17.30	18.00	0.70	4864	15.31	2.7	6.52	2.93	6.23	2.79	5.49	9.14
08506	18.00	18.95	0.95	4983	0	100.69	26.42	5.58	41.79	18.58	17.12	0
08506	18.00	18.95	0.95	4984	0	83.52	27.49	1.99	38.3	10.06	0	1.89
08506	18.00	18.95	0.95	4985	5.22	95.27	30.13	1.74	42.34	14.2	0	1.88
08506	18.00	18.95	0.95	4986	0	128.71	31.27	0	43.16	11.07	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08506	18.00	18.95	0.95	4987	0	93.66	24.81	0	39.81	0	0	0
08506	18.00	18.95	0.95	4988	0	83.08	22.9	0	32.46	0	0	0
08506	18.00	18.95	0.95	4989	1.96	104.24	27.54	1.15	43.43	23.24	0	0
08506	18.00	18.95	0.95	4990	0	110.06	30.7	1.72	42.82	20.44	0	0
08506	18.00	18.95	0.95	4991	0	128.14	29.26	5.96	40.39	19.75	0	0
08506	18.00	18.95	0.95	4992	2.39	86.35	25.42	0	42.49	21.51	0	0
08506	18.00	18.95	0.95	4847	18.53	2.05	4.43	2.45	4.17	2.42	4.52	7.25
08506	18.00	18.95	0.95	4848	18.53	1.84	3.99	2.19	4.32	2.21	6.67	6.74
08506	18.00	18.95	0.95	4849	18.53	2.17	4.76	2.52	5.29	2.51	4.73	7.41
08506	18.00	18.95	0.95	4850	18.43	1.87	4.07	2.27	5.09	2.25	6.87	6.71
08506	18.00	18.95	0.95	4851	15.43	2.44	5.1	2.87	5.8	2.73	5.43	8.22
08506	18.00	18.95	0.95	4852	18.44	2.02	4.57	2.46	5.49	2.43	4.56	7.19
08506	18.00	18.95	0.95	4853	18.49	1.78	3.85	2.09	3.65	2.09	6.53	6.26
08506	18.00	18.95	0.95	4854	18.5	2.09	4.5	2.45	5.36	2.47	4.64	6.65
04555	18.95	19.95	1.00	5337	0	174.01	39.08	5.36	41.12	16.22	45.42	0
04555	18.95	19.95	1.00	5338	1.85	157.44	37.69	0	41.29	18.04	36.35	0
04555	18.95	19.95	1.00	5339	2.69	149.81	43.15	3.43	42.55	17.45	37.29	0
04555	18.95	19.95	1.00	5340	1.28	145.98	37.25	3.5	44.66	24.95	46.52	0
04555	18.95	19.95	1.00	5341	1.54	178.81	40.4	3.15	40.37	0	39.66	0
04555	18.95	19.95	1.00	5342	1.59	136.98	33.31	0	40.01	12.09	25.38	0
04555	18.95	19.95	1.00	5343	0	153.29	39.79	3.01	40.97	17.35	33.42	0
04555	18.95	19.95	1.00	5344	0	150.05	40.13	2.82	43.74	13.96	47.53	0
04555	18.95	19.95	1.00	5345	0	151.1	37.16	5	41.34	17.69	37.08	0
04555	18.95	19.95	1.00	5346	0	128.72	36.36	0	42.03	14.23	26.05	0
08627	19.95	21.00	1.05	5055	3.68	184.36	35.46	4.8	42.87	14.4	0	0
08627	19.95	21.00	1.05	5056	2.22	148.22	35.1	0	44.87	12.51	0	0
08627	19.95	21.00	1.05	5057	0	176.22	37.11	6.88	44.18	11.4	0	1.12
08627	19.95	21.00	1.05	5058	5.26	136.52	39.8	3.42	45.09	14.59	0	0
08627	19.95	21.00	1.05	5059	1.22	170.83	39.46	0	47.54	10.44	0	0
08627	19.95	21.00	1.05	5060	0	110.78	28.25	4.26	37.51	15.14	0	0
08627	19.95	21.00	1.05	5061	0	169.76	38.35	1.71	45.98	17.07	0	0
08627	19.95	21.00	1.05	5062	1.14	163.27	34.09	0	44.07	17.9	0	0
08627	19.95	21.00	1.05	5063	3.44	150.43	38.12	0	44.01	12.84	0	0
08627	19.95	21.00	1.05	5064	3.19	147.66	34.95	4.68	42.91	0	0	0
08628	21.00	22.00	1.00	5065	2.73	225.28	48.92	5.33	56.85	27.39	0	0
08628	21.00	22.00	1.00	5066	2.74	238.94	49.95	8.57	65.02	14.73	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08628	21.00	22.00	1.00	5067	1.3	211.21	50.62	0	58.52	20.07	0	0
08628	21.00	22.00	1.00	5068	0	196.37	49.4	3.11	57.69	20.69	0	0
08628	21.00	22.00	1.00	5069	0	213.23	48.53	2.21	62.54	21.11	0	0
08628	21.00	22.00	1.00	5070	0	208.93	45.89	10.11	58.13	26.6	0	0
08628	21.00	22.00	1.00	5071	3.24	233.67	52.17	0	61.42	21.46	0	0
08628	21.00	22.00	1.00	5072	0	208.69	48.96	2.3	57.31	21.89	0	0
08628	21.00	22.00	1.00	5073	3.35	213.07	53.1	0	65.37	21.13	0	0
08628	21.00	22.00	1.00	5074	0	207.28	48.59	1.44	64.42	11.98	0	0
08629	22.00	23.40	0.40	5075	3.36	196.47	42.07	0	56.63	19.99	0	0
08629	22.00	23.40	0.40	5076	0	195.46	44.49	0	59.19	14.8	0	1.13
08629	22.00	23.40	0.40	5077	1.28	228.44	45.34	5.1	55.22	14.75	0	0
08629	22.00	23.40	0.40	5078	0	222.06	47.05	6.49	57.73	16.27	0	0
08629	22.00	23.40	0.40	5079	0	207.52	45.29	1.88	56.62	25.79	0	0
08629	22.00	23.40	0.40	5080	0	197.39	49.84	0	58.57	22.09	0	0
08629	22.00	23.40	0.40	5081	0	202.79	49.35	0	57.11	25.7	0	0
08629	22.00	23.40	0.40	5082	0	200.25	43.41	7.92	53.65	17.66	0	0
08629	22.00	23.40	0.40	5083	0	201.87	43.02	1.49	47.97	21.88	0	0
08629	22.00	23.40	0.40	5084	1.89	188.48	45.73	3.92	51.84	18.25	0	0
04556	22.40	23.47	1.07	5347	0	177.36	56.54	6.7	57.27	31.08	22.35	2.93
04556	22.40	23.47	1.07	5348	0	160.84	50.94	4.8	52.96	16.48	17.43	0
04556	22.40	23.47	1.07	5349	0	170.48	47.3	3.29	56.29	30.46	28.04	0
04556	22.40	23.47	1.07	5350	0	197.47	58.48	0	55.29	9.3	4.6	0
04556	22.40	23.47	1.07	5351	0	174.86	57.48	3.05	59.32	20.05	21.39	4.59
04556	22.40	23.47	1.07	5352	2.89	165.99	54.62	0	54.35	20.48	0	0
04556	22.40	23.47	1.07	5353	0	192.74	52.51	5.45	55.8	31.45	0	0
04556	22.40	23.47	1.07	5354	4.24	167.49	57.96	1.59	54.42	29.14	30.91	0
04556	22.40	23.47	1.07	5355	0	164.56	55.5	0	52.7	19.52	0	0
04556	22.40	23.47	1.07	5356	2.7	164.03	58.47	8.91	55.7	6.28	0	0
08630	23.47	23.90	0.43	5085	0	158.66	37.59	1.53	44.91	19.91	22.5	0
08630	23.47	23.90	0.43	5086	2.65	192.85	47.19	0	50.85	12.06	29.65	0
08630	23.47	23.90	0.43	5087	0	189.59	41.21	1.75	46.04	21.12	0	0
08630	23.47	23.90	0.43	5088	3.52	221.22	40.94	0	49.49	17.24	23.8	0
08630	23.47	23.90	0.43	5089	0	186.85	48.18	0	48.34	16.07	21.87	0
08630	23.47	23.90	0.43	5090	0	206.75	47.85	0	49.31	16.45	18.53	0
08630	23.47	23.90	0.43	5091	0	199.25	48.63	0	48.95	15.01	19.2	0
08630	23.47	23.90	0.43	5092	0	196.56	40.77	9.01	48.38	21.3	21.14	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08630	23.47	23.90	0.43	5093	0	193.19	49.44	0	49.34	15.79	28.93	0
08630	23.47	23.90	0.43	5094	0	201.66	45.11	0	49.26	17.89	28	0
04557	23.90	24.05	0.15	5357	1.15	125.56	35.3	3.89	32.47	7.22	423.81	1.55
04557	23.90	24.05	0.15	5358	1.56	137.33	38.3	5.5	33.83	7.93	466.85	2.7
04557	23.90	24.05	0.15	5359	5.96	142.5	33.67	3.93	31.62	8.53	415.29	1.78
04557	23.90	24.05	0.15	5360	2.26	133.24	31.4	0	36.28	4.84	440.46	4.34
04557	23.90	24.05	0.15	5361	0	110.6	27.84	0	31.11	14.15	384.87	1.99
04557	23.90	24.05	0.15	5362	2.23	124.43	34.48	0	30.34	27.02	387.4	0
04557	23.90	24.05	0.15	5363	0	105.37	36.96	2.04	33.56	10.24	437.05	0
04557	23.90	24.05	0.15	5364	2.29	126.71	29.83	5.38	32.66	0	417.58	2.19
04557	23.90	24.05	0.15	5365	0	164.83	33.04	7.19	33.39	2.59	402.53	3.58
04557	23.90	24.05	0.15	5366	0	133.1	35.8	0	32.57	22.12	398.12	5.25
08631	24.05	24.46	0.41	5095	3.76	183.7	43.93	0	46.06	19.96	30.41	4.6
08631	24.05	24.46	0.41	5096	0	183.88	44.15	0	51.86	24.03	28.84	0
08631	24.05	24.46	0.41	5097	0	164.31	40.37	1.43	45.63	30.11	36.27	0
08631	24.05	24.46	0.41	5098	0	153.97	44.63	0	46.87	30.87	30.46	0
08631	24.05	24.46	0.41	5099	4.96	170.13	50.1	3.54	44.86	24.69	40.28	0
08631	24.05	24.46	0.41	5100	0	184.72	44.03	1.39	47.44	31.97	50	0
08631	24.05	24.46	0.41	5101	4.04	181.47	43.86	5.12	43.52	31.25	41.72	0
08631	24.05	24.46	0.41	5102	0	153.8	46.02	0	46.71	21.39	45.26	4.21
08631	24.05	24.46	0.41	5103	0	171.75	43.93	0	50.89	25.87	34.86	0
08631	24.05	24.46	0.41	5104	0	172.36	48.93	0	48.25	22.82	32.95	0
04558	24.46	25.14	0.68	5367	2.75	145.31	51.69	0	55.71	6.88	28.55	0
04558	24.46	25.14	0.68	5368	5.35	75.99	37.74	0	39.16	6.91	0	0
04558	24.46	25.14	0.68	5369	0	156.3	54.2	6.32	55.34	19.53	42.32	0
04558	24.46	25.14	0.68	5370	1.13	137.9	54.62	3.75	51.14	22.19	29.42	0
04558	24.46	25.14	0.68	5371	4.54	164.92	52.18	0	54.72	14.83	27.47	0
04558	24.46	25.14	0.68	5372	2.29	150.82	52.78	3.15	51.23	16.23	17.26	0
04558	24.46	25.14	0.68	5373	1.79	163.33	55.36	0	53.55	15.54	0	0
04558	24.46	25.14	0.68	5374	0	177.55	54.64	6.31	54.54	19.23	15.26	0
04558	24.46	25.14	0.68	5375	3.93	157.84	58.12	0	55.28	17	24.32	0
04558	24.46	25.14	0.68	5376	3.01	130.05	49.92	0	47.58	2.69	0	0
04558	24.46	25.14	0.68	4817	18.52	2.31	5.5	3.16	4.61	2.72	7.7	8.16
04558	24.46	25.14	0.68	4818	18.51	2.31	5.69	3.15	5.58	2.83	5	8.08
04558	24.46	25.14	0.68	4819	18.51	2.07	4.94	3.03	4.31	2.59	7.09	7.58
04558	24.46	25.14	0.68	4820	14.58	2.68	6.03	3.5	6.21	3.14	5.57	9.31

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04558	24.46	25.14	0.68	4821	15.6	2.82	6.21	3.9	6.87	3.44	6.19	10.26
04558	24.46	25.14	0.68	4822	15.42	2.78	6.53	3.79	6.52	3.25	5.97	9.81
04558	24.46	25.14	0.68	4823	15.44	2.81	6.39	3.84	6.79	3.42	5.85	9.97
04558	24.46	25.14	0.68	4824	14.86	2.8	6.46	3.7	6.76	3.37	9.9	9.26
04558	24.46	25.14	0.68	4825	14.57	1.89	3.95	2.35	3.55	2.02	6.57	6.42
04558	24.46	25.14	0.68	4826	14.91	2.89	6.82	3.91	6.61	3.41	6.03	9.54
08632	25.14	26.00	0.86	5105	0	155.19	79.01	0	84.84	25.2	25.99	0
08632	25.14	26.00	0.86	5106	0	141.55	81.6	2.89	80.42	24.94	29.47	1.18
08632	25.14	26.00	0.86	5107	0	135.56	71	3.16	76.88	16.39	19.76	0
08632	25.14	26.00	0.86	5108	4.57	148	79.32	3.15	87.48	19.56	28.53	0
08632	25.14	26.00	0.86	5109	0	137.5	78.07	0	77.33	22.96	32.16	0
08632	25.14	26.00	0.86	5110	3.11	132.71	70.18	0	78.25	15.01	0	0
08632	25.14	26.00	0.86	5111	0	144.22	81.25	0	85.43	15.17	20.69	0
08632	25.14	26.00	0.86	5112	0	115.27	61.44	0	73.93	16.36	18.13	0
08632	25.14	26.00	0.86	5113	0	161.5	71.37	0	76.03	25.82	19.49	0
08632	25.14	26.00	0.86	5114	0	149.11	78.83	0	81.54	24.83	23.47	0
08633	26.00	26.30	0.30	5115	0	180.25	98.51	0	89.06	20.77	49.57	0
08633	26.00	26.30	0.30	5116	0	168.41	104.37	2	87.05	25.06	51.76	2.6
08633	26.00	26.30	0.30	5117	6.11	169.07	99.69	0	89.14	24.22	46.1	0
08633	26.00	26.30	0.30	5118	2.54	163.79	105.3	0	89.12	23.98	60.78	0
08633	26.00	26.30	0.30	5119	0	181.1	96.15	0	89.16	22.74	53.07	2.46
08633	26.00	26.30	0.30	5120	0	195.21	106.93	6.13	90.64	21.76	48.3	3.65
08633	26.00	26.30	0.30	5121	0	165.04	100.57	6.39	88.02	24.23	55.02	0
08633	26.00	26.30	0.30	5122	0	175.68	103.21	4.74	89.62	24.99	64.47	1.07
08633	26.00	26.30	0.30	5123	0	158.03	105.54	8.26	87.05	25.04	69.98	0
08633	26.00	26.30	0.30	5124	0	179.46	104.95	7.57	86.66	21.53	69.54	0
08634	26.30	26.50	0.20	5125	1.46	33.79	28.84	0	24.43	5.59	0	0
08634	26.30	26.50	0.20	5126	1.58	32.95	26.91	0	25.43	6.53	0	0
08634	26.30	26.50	0.20	5127	2.59	35.09	30.3	0	22.89	0	12.57	0
08634	26.30	26.50	0.20	5128	0	35.49	30.45	0	26.64	3.39	0	0
08634	26.30	26.50	0.20	5129	0	36.19	30.15	0	25.86	5.06	0	0
08634	26.30	26.50	0.20	5130	2.85	50.93	26.38	0	23.62	10.08	0	0
08634	26.30	26.50	0.20	5131	3.41	26.92	25.82	1.1	21.56	6.57	0	0
08634	26.30	26.50	0.20	5132	2.45	32.74	25.8	0	23.37	4.1	0	0
08634	26.30	26.50	0.20	5133	4.95	32.31	24.44	0	21.4	3.6	0	0
08634	26.30	26.50	0.20	5134	1.98	27.7	24.62	0	25.5	4.44	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08634	26.30	26.50	0.20	4784	18.19	1.67	2.86	2.1	3.4	1.73	6.27	6.14
08634	26.30	26.50	0.20	4785	18.51	1.61	2.7	2.11	3.23	1.66	5.94	6.02
08634	26.30	26.50	0.20	4786	18.45	1.56	2.58	1.97	3.17	1.59	5.89	5.45
08634	26.30	26.50	0.20	4787	18.43	1.68	2.82	2.16	4.35	1.75	6.54	6.67
08634	26.30	26.50	0.20	4788	14.9	1.99	3.11	2.49	4.12	1.95	7.31	6.96
04559	26.50	26.65	0.15	4789	19.96	2.9	4.14	2.26	6.69	1.92	10.55	15.66
04559	26.50	26.65	0.15	4790	19.01	2.95	3.82	2.24	6.32	1.74	9.36	15.31
04559	26.50	26.65	0.15	4791	19.46	3.64	3.85	2.31	6.36	1.9	9.49	15.6
04559	26.50	26.65	0.15	4792	18.96	3.03	4.04	2.25	6.89	1.93	10.81	16.14
04559	26.50	26.65	0.15	4793	19.02	2.65	3.71	1.97	6.28	1.73	9.24	14.71
04559	26.50	26.65	0.15	4794	18.44	2.86	3.85	2.08	6.71	1.91	9.51	15.52
04559	26.50	26.65	0.15	5377	0	19.52	6.36	3.82	3.37	14.15	71.73	10.27
04559	26.50	26.65	0.15	5378	2.58	23.81	8.23	4.36	5.35	7.89	37.44	15.43
04559	26.50	26.65	0.15	5379	5.46	26.15	9.01	3.44	3.92	0	51.43	9
04559	26.50	26.65	0.15	5380	0	18.61	5.64	3.43	5.33	7.2	74.12	10.76
04559	26.50	26.65	0.15	5381	0	19.16	8.09	8.77	3.68	0	69.2	4.82
04559	26.50	26.65	0.15	5382	0	25.02	8.87	7.55	1.94	5.59	83.4	8.9
04559	26.50	26.65	0.15	5383	1.05	25.44	7.92	8.28	6.4	9.65	79.78	8.65
04559	26.50	26.65	0.15	5384	4.57	20.09	9.8	0	5.56	11.37	57.84	16.55
04559	26.50	26.65	0.15	5385	3.7	20.68	4.93	0	4.62	0	55.95	11.28
04559	26.50	26.65	0.15	5386	1.77	23.66	8.1	14.1	2.58	3.79	76.84	9.26
04559	26.50	26.65	0.15	4765	19.53	3.77	3.92	2.31	6.93	2.03	11.2	16.24
04559	26.50	26.65	0.15	4766	18.95	3.73	4.41	2.28	6.41	1.81	10.8	16.51
04559	26.50	26.65	0.15	4767	19.54	3.81	4.03	2.46	6.26	1.93	11.27	16.6
04559	26.50	26.65	0.15	4768	18.97	3.52	4.03	2.3	6.75	1.82	9.72	15.84
04559	26.50	26.65	0.15	4769	19.54	3.53	4.16	2.4	6.73	1.98	10.92	17.12
04559	26.50	26.65	0.15	4770	19.54	3.77	4.13	2.42	6.8	1.9	11.19	16.74
04559	26.50	26.65	0.15	4771	19.72	3.82	4.2	2.27	6.86	1.97	11.01	16.59
04559	26.50	26.65	0.15	4808	18.54	3.63	4.14	2.35	7.12	2.02	11.06	16.6
04559	26.50	26.65	0.15	4809	16.43	4.23	4.43	2.54	7.86	2.2	12.21	18.04
04559	26.50	26.65	0.15	4810	19.02	3.79	4.01	2.38	6.4	1.97	11.08	16.7
04559	26.50	26.65	0.15	4811	16.43	3.52	4.82	2.85	7.64	2.24	13.33	19.57
04559	26.50	26.65	0.15	4812	15.91	4.36	5.04	2.6	7.71	2.2	12.32	18.62
04559	26.50	26.65	0.15	4813	15.6	4.18	4.43	2.67	6.1	2.13	12.3	18.81
04559	26.50	26.65	0.15	4814	15.34	3.65	4.52	2.77	8.39	2.18	12.62	19.1
04559	26.50	26.65	0.15	4815	15.91	4.33	4.69	2.76	7.74	2.17	11.48	19.99

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04559	26.50	26.65	0.15	4816	16.08	3.37	4.55	2.62	8.02	2.28	11.09	18.93
04560	26.65	26.80	0.15	5387	1.96	173.3	71.13	7.71	54.63	13.82	40.39	0
04560	26.65	26.80	0.15	5388	0	193.65	74.9	7.83	50.28	14.79	36.15	0
04560	26.65	26.80	0.15	5389	1.85	189.53	80.03	0	59.44	13.17	39.1	0
04560	26.65	26.80	0.15	5390	0	171.45	76.81	12.32	51.73	15.55	28.73	3.36
04560	26.65	26.80	0.15	5391	0	171.67	83.63	2.04	55.61	18.8	28.43	0
04560	26.65	26.80	0.15	5392	0	189.15	79.73	0	50.58	16.4	30.25	0
04560	26.65	26.80	0.15	5393	0	199.87	79.24	4.82	51.27	17.47	41.85	0
04560	26.65	26.80	0.15	5394	1.49	183.54	76.45	4.98	51.47	17.84	45.66	0
04560	26.65	26.80	0.15	5395	0	160.51	72.98	5.85	53.28	13.78	37.61	0
04560	26.65	26.80	0.15	5396	0	172.07	78.01	0	55.11	9.09	44.32	0
04560	26.65	26.80	0.15	4778	18.21	1.98	5.25	3.24	5.04	2.42	6.79	7.57
04560	26.65	26.80	0.15	4779	18.53	2.03	5.15	3.28	4.19	2.46	4.4	7.74
04560	26.65	26.80	0.15	4780	18.98	2.11	5.4	3.46	5.4	2.59	4.24	7.53
04560	26.65	26.80	0.15	4781	19.02	2.38	6.36	3.74	5.88	2.81	4.78	8.31
04560	26.65	26.80	0.15	4782	18.56	2.33	6.23	3.73	5.71	2.84	4.84	8.58
04560	26.65	26.80	0.15	4783	18.44	2.26	5.9	3.57	5.34	2.74	4.66	8.18
08635	26.80	27.08	0.28	5135	0	146	124.66	0	80.42	4.66	19.89	0
08635	26.80	27.08	0.28	5136	1.75	127.8	110.3	2.77	73.99	18.8	0	3.91
08635	26.80	27.08	0.28	5137	0	142.48	120.75	1.13	81.07	13.29	27.29	3.82
08635	26.80	27.08	0.28	5138	0	131.29	121.84	5.35	73.93	19.32	32.05	0
08635	26.80	27.08	0.28	5139	0	157.74	122.43	5.65	76.94	11.76	15.3	0
08635	26.80	27.08	0.28	5140	0	124.07	122.77	5.45	76.91	17.9	46.64	0
08635	26.80	27.08	0.28	5141	0	145.95	122.02	4.76	75.55	15.38	30.07	0
08635	26.80	27.08	0.28	5142	3.59	138.67	118.57	0	79.8	14.81	21.46	2.4
08635	26.80	27.08	0.28	5143	0	124.08	121.19	4	78.98	17.25	100.2	1.44
08635	26.80	27.08	0.28	5144	1.09	139.18	118.8	0	76.1	13.59	16.75	0
08635	26.80	27.08	0.28	4772	18.53	1.98	4.9	4.15	5.26	2.9	7.22	6.8
08635	26.80	27.08	0.28	4773	18.43	2.27	5.55	4.78	5.91	3.38	5.08	7.62
08635	26.80	27.08	0.28	4774	18.51	2.32	5.7	4.76	5.96	3.44	5.21	7.45
08635	26.80	27.08	0.28	4775	18.52	2.22	5.5	4.74	6.13	3.33	4.84	7.52
08635	26.80	27.08	0.28	4776	18.52	1.97	4.74	4.24	5.39	3.01	4.5	7.06
08635	26.80	27.08	0.28	4777	18.52	2.12	5.23	4.5	5.54	3.1	7.61	7.32
04562	27.08	27.25	0.17	5397	2.95	109.8	73.18	2.87	55.41	18.47	89.19	7.02
04562	27.08	27.25	0.17	5398	1.92	107.57	84.44	1.69	51.63	18.39	107.53	2.02
04562	27.08	27.25	0.17	5399	1.66	96.73	77.04	0	55.64	22.41	62.05	2.32

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04562	27.08	27.25	0.17	5400	1.78	118.69	83.88	2.92	56.49	19.69	88.24	0
04562	27.08	27.25	0.17	5401	0	128.8	84.56	5.19	55.95	6.75	86.82	5.95
04562	27.08	27.25	0.17	5402	0	143.28	88.38	0	62.99	14.17	123.72	3.49
04562	27.08	27.25	0.17	5403	0	120.96	87.96	3.38	61.05	17.82	120.3	0
04562	27.08	27.25	0.17	5404	5.44	122.21	96.36	2.9	60.22	0	102.87	0
04562	27.08	27.25	0.17	5405	0	127.8	82.43	0	61.11	14.17	109.08	1.06
04562	27.08	27.25	0.17	5406	0	119.87	86.06	0	59.7	7.85	104.24	0
04562	27.08	27.25	0.17	4827	22.11	2.09	5.22	3.8	5.42	2.8	5.31	10.87
04562	27.08	27.25	0.17	4828	18.52	2.59	5.98	4.73	6.53	3.49	6.36	13.5
04562	27.08	27.25	0.17	4829	15.42	2.98	7.03	5.21	7.18	3.87	7.28	14.87
04562	27.08	27.25	0.17	4830	15.43	2.91	6.65	4.94	7.6	3.75	6.48	14.59
04562	27.08	27.25	0.17	4831	18.7	2.51	5.93	4.33	6.13	3.27	6.29	12.88
04562	27.08	27.25	0.17	4832	15.4	3.13	6.96	5.32	7.52	4.01	6.92	15.51
04562	27.08	27.25	0.17	4833	19	2.62	6.06	4.68	6.54	3.45	6.05	13.04
04562	27.08	27.25	0.17	4834	18.53	2.62	5.97	4.58	6.38	3.37	5.86	13.43
04562	27.08	27.25	0.17	4835	15.4	3.86	7.02	5.31	7.67	3.85	11.42	16.93
04562	27.08	27.25	0.17	4836	18.53	2.55	5.83	4.47	6.52	3.31	5.98	12.85
04562	27.08	27.25	0.17	4837	18.46	2.54	5.92	4.34	6.74	3.25	5.91	12.47
04562	27.08	27.25	0.17	4838	19.02	2.9	6.29	4.6	6.46	3.44	5.98	13.83
04562	27.08	27.25	0.17	4855	19	3.41	6.46	4.67	6.53	3.43	6.48	13.45
04562	27.08	27.25	0.17	4856	18.53	2.67	6.33	4.78	6.73	3.53	6.45	13.39
04562	27.08	27.25	0.17	4857	15.44	3.87	7.08	5.34	7.81	3.98	7.13	14.88
08636	27.25	27.75	0.50	5145	0	174.12	114.09	7.67	58.86	17.32	122.85	0
08636	27.25	27.75	0.50	5146	1.12	149	115.4	0	60.07	15.5	123.18	0
08636	27.25	27.75	0.50	5147	1.74	130.22	108.44	0	61.19	13.85	110.83	0
08636	27.25	27.75	0.50	5148	0	147.46	113.6	0	61.23	0	96.03	0
08636	27.25	27.75	0.50	5149	0	158.47	113.07	0	60.53	12.16	152.82	0
08636	27.25	27.75	0.50	5150	0	146.33	110.52	0	62.72	16.58	96.84	0
08636	27.25	27.75	0.50	5151	0	182.41	118.35	2.15	64.9	20.5	123.69	2.19
08636	27.25	27.75	0.50	5152	0	158.09	119.02	4.72	63.8	15.14	114.52	0
08636	27.25	27.75	0.50	5153	1.05	153.28	113.52	0	56.05	9.37	115.7	0
08636	27.25	27.75	0.50	5154	4.56	147.84	113.25	2.08	62.84	11.18	124.42	0
08636	27.25	27.75	0.50	4839	18.7	1.46	3.46	2.9	3.16	1.92	5.7	7.82
08636	27.25	27.75	0.50	4840	18.95	1.85	4.74	3.82	5.08	2.5	6.78	9.64
08636	27.25	27.75	0.50	4841	18.52	1.87	4.73	3.72	4.19	2.53	4.23	8.93
08636	27.25	27.75	0.50	4842	18.51	2.19	5.82	4.52	5.7	2.99	5.02	11.09

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08636	27.25	27.75	0.50	4843	18.43	2.23	5.68	4.51	5.48	2.92	5.12	12.42
08636	27.25	27.75	0.50	4844	18.43	1.96	4.86	3.98	5.29	2.62	7.21	10.28
08636	27.25	27.75	0.50	4845	18.21	2.17	5.55	4.33	5.62	2.93	5.12	11.37
08636	27.25	27.75	0.50	4846	18.51	1.66	4.09	3.15	3.56	2.19	6.16	8.27
04563	27.75	27.95	0.20	5407	1.16	119.21	80.85	2.79	42.73	6.48	32.12	0
04563	27.75	27.95	0.20	5408	2.83	177.11	86.79	0	48.02	19.89	24.61	0
04563	27.75	27.95	0.20	5409	2.46	162.99	82.75	2.14	43.83	2.13	41.63	2.85
04563	27.75	27.95	0.20	5410	0	141.43	86.63	5.41	50.69	4.56	52.79	5.52
04563	27.75	27.95	0.20	5411	0	167.9	81.85	0	49.29	17.57	41.29	3.91
04563	27.75	27.95	0.20	5412	1.4	124.33	83.59	1.02	47.92	23.43	51.44	0
04563	27.75	27.95	0.20	5413	1.64	140.58	84.96	1.35	46.78	10.43	34.15	8.88
04563	27.75	27.95	0.20	5414	0	128.46	74.84	0	42.79	17.65	16.35	4.2
04563	27.75	27.95	0.20	5415	0	154.69	85.85	6.59	48.43	10.04	40.71	6.36
04563	27.75	27.95	0.20	5416	0	137.2	81.64	2.55	49.14	3.67	50.52	6.26
04563	27.75	27.95	0.20	4801	19.03	1.92	4.4	3.15	4.79	2.25	6.89	9.41
04563	27.75	27.95	0.20	4802	15.91	3.77	7.13	4.86	5.9	3.36	6.38	11.75
04563	27.75	27.95	0.20	4803	18.44	3.54	6.85	4.82	6.45	3.22	10.47	12.96
04563	27.75	27.95	0.20	4804	19.01	3.17	6.67	4.69	6.87	3.22	10.32	12.23
04563	27.75	27.95	0.20	4805	18.45	2.72	6.43	4.63	6.96	3.11	10.02	11.93
04563	27.75	27.95	0.20	4806	15.6	4.07	7.47	5.55	8.07	3.72	11.87	14.14
04563	27.75	27.95	0.20	4807	19.04	3.51	6.74	4.63	6.36	3.15	9.75	12.14
08637	27.95	28.73	0.78	5155	0	187.04	110.98	5.24	65.36	15.06	57.23	0
08637	27.95	28.73	0.78	5156	0	223.27	110.32	6.22	67.28	20.47	56.91	0
08637	27.95	28.73	0.78	5157	0	232.95	115.92	8.38	66.54	18.35	68.02	0
08637	27.95	28.73	0.78	5158	0	207.61	119.75	12.22	66.04	17.35	77.8	1.06
08637	27.95	28.73	0.78	5159	1.69	204.85	124.45	2.37	69.8	20.18	67.86	0
08637	27.95	28.73	0.78	5160	0	192.15	115.79	7.45	66.72	17.67	82.16	0
08637	27.95	28.73	0.78	5161	0	197.35	105.72	7.61	63.93	14.47	67.23	0
08637	27.95	28.73	0.78	5162	0	191.31	116.64	5.58	66.83	18.95	64.3	0
08637	27.95	28.73	0.78	5163	0	198.19	123.38	3.85	67.19	16.1	69.72	0
08637	27.95	28.73	0.78	5164	5.96	221.55	117.93	6.87	65.42	17.19	53.11	0
04564	28.73	29.10	0.37	5419	1.6	174.53	95.03	0	80.67	15.76	0	0
04564	28.73	29.10	0.37	5420	0	161.24	87.58	2.37	74.86	17.91	0	0
04564	28.73	29.10	0.37	5421	2.04	165.79	82.32	5.36	72.91	21.96	0	0
04564	28.73	29.10	0.37	5422	1.59	205.82	94.57	6.11	78.43	18.35	0	0
04564	28.73	29.10	0.37	5423	0	186.28	100.33	2.51	81.36	22.14	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04564	28.73	29.10	0.37	5424	0	205.38	104.31	2.92	84.42	21.1	0	0
04564	28.73	29.10	0.37	5425	1.66	215.34	101.29	5.44	80.96	19.89	0	0
04564	28.73	29.10	0.37	5426	0	186.09	94.03	7.3	73.97	14.61	0	0
04564	28.73	29.10	0.37	5427	0	181.08	99.21	2.3	83.16	14.22	0	0
04564	28.73	29.10	0.37	5428	0	207.72	101.87	0	80.27	13.69	0	0
08638	29.10	29.77	0.67	5165	0	174.12	111.45	2.33	78.92	19.38	55.64	0
08638	29.10	29.77	0.67	5166	1.21	169.91	111.1	6.33	76.91	19.07	39.36	0
08638	29.10	29.77	0.67	5167	0	183.26	117.84	1.3	81.27	13.16	45.3	0
08638	29.10	29.77	0.67	5168	0	160.18	110.37	4.92	77.02	11.81	61.68	0
08638	29.10	29.77	0.67	5169	0	155.99	111.71	1.44	77.39	13.63	40.31	0
08638	29.10	29.77	0.67	5170	2.41	152.11	112.34	2.59	75.85	15.98	41	0
08638	29.10	29.77	0.67	5171	0	155.91	115.06	3.52	70.56	0	43.61	0
08638	29.10	29.77	0.67	5172	0	182.5	114.58	1.84	77.23	15.25	48.06	1.47
08638	29.10	29.77	0.67	5173	0	139.67	98.73	0	69.08	14.23	33.98	0
08638	29.10	29.77	0.67	5174	1.02	153.82	112.62	2.82	80.03	10.28	67.78	0
04565	29.77	30.00	0.23	5429	1.5	162.83	117.23	3.36	94.12	19.32	0	0
04565	29.77	30.00	0.23	5430	0	137.53	99.91	0	84.86	16.37	0	1.23
04565	29.77	30.00	0.23	5431	0	182.12	117.3	1.32	92.56	14.76	0	1.16
04565	29.77	30.00	0.23	5432	0	142.15	110.11	2.54	89.78	12.91	0	0
04565	29.77	30.00	0.23	5433	1.42	159.18	118.21	9.69	93.98	19.69	0	0
04565	29.77	30.00	0.23	5434	1.3	167.29	119.26	4.36	93.36	15	0	0
04565	29.77	30.00	0.23	5435	0	164.72	116.85	1.69	92.72	18.56	0	0
04565	29.77	30.00	0.23	5436	2.88	172.08	118.97	0	90.7	19.04	0	0
04565	29.77	30.00	0.23	5437	0	161.78	112.34	3.56	90.47	16.7	0	0
04565	29.77	30.00	0.23	5438	3.24	150.95	112.33	0	90.99	12.91	0	0
08639	30.00	31.00	1.00	5175	0	215.29	109.37	0	62.31	17.44	51.16	0
08639	30.00	31.00	1.00	5176	0	202.57	103.83	0	60.82	14.69	41.9	0
08639	30.00	31.00	1.00	5177	0	195.59	106.77	5.12	65.43	14.13	62	0
08639	30.00	31.00	1.00	5178	1.14	190.84	108.3	0	69.09	20.66	70.91	0
08639	30.00	31.00	1.00	5179	0	188.22	105.6	0	62.93	15.12	47.46	0
08639	30.00	31.00	1.00	5180	0	222.3	112.71	0	65.04	21.32	56.51	0
08639	30.00	31.00	1.00	5181	0	235.58	117.5	6.47	72.48	18.65	59.08	0
08639	30.00	31.00	1.00	5182	0	199.42	99.94	8.23	63.24	17.26	60.1	0
08639	30.00	31.00	1.00	5183	0	216.05	109.87	2.46	67.72	18.11	57.26	0
08639	30.00	31.00	1.00	5184	2.72	226.49	116.23	0	67.3	11.83	43.58	0
08640	31.00	32.00	1.00	5185	0	163.37	153.29	0	45.73	12.15	296.44	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08640	31.00	32.00	1.00	5186	0	168.45	156.42	4.13	46.09	14.45	322.31	0
08640	31.00	32.00	1.00	5187	0	162.58	156.47	10.23	47.77	18.8	301.01	0
08640	31.00	32.00	1.00	5188	0	152.02	150.24	3.68	51.95	11.1	332.43	0
08640	31.00	32.00	1.00	5189	0	162.31	150.4	4.45	42.39	13	342.43	0
08640	31.00	32.00	1.00	5190	0	179.51	155.04	0	49.07	14.81	295.82	0
08640	31.00	32.00	1.00	5191	0	164.35	153.92	10.02	46.35	11.42	316.62	0
08640	31.00	32.00	1.00	5192	0	187.72	152.49	0	44.37	14.38	291.68	0
08640	31.00	32.00	1.00	5193	0	162.85	152.22	6.52	49.05	13.59	311.68	0
08640	31.00	32.00	1.00	5194	0	141.73	150.18	0	46.2	15.69	323.73	0
08641	32.00	33.00	1.00	5195	0	179.3	113.78	1.97	59.1	16.27	45.75	0
08641	32.00	33.00	1.00	5196	0	166.41	120.18	4.37	64.29	14.52	39.52	0
08641	32.00	33.00	1.00	5197	1.06	154	110.82	4.98	56.59	18.57	35.96	0
08641	32.00	33.00	1.00	5198	0	181.48	119.64	2.48	66.13	19.68	42.27	0
08641	32.00	33.00	1.00	5199	0	194.91	117.24	4.1	62.65	16.63	51.92	0
08641	32.00	33.00	1.00	5200	0	167.99	121.74	0	60.9	9.84	56.62	0
08641	32.00	33.00	1.00	5201	0	186.32	118.17	2.08	60.53	19.72	47.51	0
08641	32.00	33.00	1.00	5202	3.5	208.47	121.12	3.09	61.74	17.33	57.85	0
08641	32.00	33.00	1.00	5203	0	234.01	119.11	5.82	61.26	17.57	40.28	2.47
08641	32.00	33.00	1.00	5204	3.16	164.11	125.44	0	59.64	21.01	32.76	0
08642	33.00	33.25	0.25	5205	0	156.03	89.55	3.47	57.37	16.87	59.62	0
08642	33.00	33.25	0.25	5206	1.71	178.86	94.85	7.42	58.93	18.85	38.21	0
08642	33.00	33.25	0.25	5207	0	181.8	94.19	6.53	59.72	16.12	43.78	0
08642	33.00	33.25	0.25	5208	0	173.51	94.62	0	59.79	15.98	76.9	0
08642	33.00	33.25	0.25	5209	0	182.56	100.32	0	59.57	15.65	49.4	0
08642	33.00	33.25	0.25	5210	0	174.44	101.14	3.85	61.83	10.98	47.79	0
08642	33.00	33.25	0.25	5211	0	162.75	94.21	3.16	59.62	16.54	48.14	0
08642	33.00	33.25	0.25	5212	0	167.36	91.28	0	59.53	13.69	55.06	0
08642	33.00	33.25	0.25	5213	0	162.43	96.22	5.53	57.79	21.88	52.45	0
08642	33.00	33.25	0.25	5214	1.79	186.07	98.29	7.85	59.3	13.87	55.76	0
04566	33.25	33.40	0.15	5439	0	190.07	107	21.25	86.2	16.67	0	1.02
04566	33.25	33.40	0.15	5440	0	178.16	108.22	9.92	85.71	29.44	0	1.5
04566	33.25	33.40	0.15	5441	0	176.5	103.02	21.57	87.25	11.68	0	0
04566	33.25	33.40	0.15	5442	2.82	162.2	102.98	16.62	88.84	25.86	0	0
04566	33.25	33.40	0.15	5443	1.08	135.7	92.95	8.36	80.24	21.83	0	0
04566	33.25	33.40	0.15	5444	0	151.44	80.98	11.29	73.36	14.85	0	2.42
04566	33.25	33.40	0.15	5445	0	115.63	71.16	7.57	63.18	0	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04566	33.25	33.40	0.15	5446	0	165.24	100.21	15.62	83.8	20.31	0	0
04566	33.25	33.40	0.15	5447	1.67	148.45	88.88	4.08	76.63	20.39	0	0
04566	33.25	33.40	0.15	5448	2.01	104.24	69.27	11.16	62.78	7	0	0
08643	33.40	34.40	1.00	5215	0	187.19	101.56	3.38	63.07	16.05	38.37	0
08643	33.40	34.40	1.00	5216	0	179.03	98.6	0	60.4	11.48	45.27	0
08643	33.40	34.40	1.00	5217	0	191.11	100.16	6.93	62.85	15.63	50.45	1.57
08643	33.40	34.40	1.00	5218	0	179.3	98.53	2	63.45	14.34	56.46	0
08643	33.40	34.40	1.00	5219	1.01	189.61	94.5	8.32	61.79	18.69	48.29	0
08643	33.40	34.40	1.00	5220	0	169.85	90.39	10.29	60.69	15.39	50.49	0
08643	33.40	34.40	1.00	5221	0	139.95	80.79	1.81	51.62	13.86	32.42	0
08643	33.40	34.40	1.00	5222	2.1	127.97	76.35	0	49.87	15.44	18.89	0
08643	33.40	34.40	1.00	5223	1.02	159.13	84.44	1.46	57.95	10.54	49.3	0
08643	33.40	34.40	1.00	5224	0	178.05	94.05	11.48	59.5	11.39	38.26	0
08644	34.40	35.14	0.74	5225	0	192.26	103.34	22.37	65.54	16.95	44.26	0
08644	34.40	35.14	0.74	5226	0	199.79	100.37	9.84	68.91	13.01	43.78	0
08644	34.40	35.14	0.74	5227	0	177.61	102.93	9.95	69.76	14.95	49.41	2.62
08644	34.40	35.14	0.74	5228	0	189.16	103.63	5.25	66.25	18.79	61.99	0
08644	34.40	35.14	0.74	5229	0	194.81	100.31	13.11	68.18	14.45	61.6	0
08644	34.40	35.14	0.74	5230	0	206.81	103.79	8.12	66.2	21.56	43.33	0
08644	34.40	35.14	0.74	5231	0	196.87	98.94	9.89	67.44	18.75	40.7	0
08644	34.40	35.14	0.74	5232	0	180.86	102.25	4.64	64.2	20.54	46.42	0
08644	34.40	35.14	0.74	5233	0	187.01	99.91	10.1	71	14.13	49.83	0
08644	34.40	35.14	0.74	5234	0	151.53	84.82	5.03	64.48	11.42	45.92	0
04567	35.14	35.45	0.31	5449	0	202.88	67.23	1.78	88.28	18.72	14.88	0
04567	35.14	35.45	0.31	5450	1.8	201.58	67.24	5.97	87.47	11.56	19.9	0
04567	35.14	35.45	0.31	5451	2.63	204.3	70.59	0	87.97	19.73	16.02	0
04567	35.14	35.45	0.31	5452	3.11	184.42	70.8	8.42	83.97	17.08	15.3	0
04567	35.14	35.45	0.31	5453	0	184.08	68.38	6.14	88.5	22.32	22.71	0
04567	35.14	35.45	0.31	5454	0	199.61	66.9	0	87.06	16.31	14.79	0
04567	35.14	35.45	0.31	5455	1.53	187.49	59.04	6.98	85.23	12.99	18.18	0
04567	35.14	35.45	0.31	5456	0	184.66	63.82	0	86.37	17.6	0	0
04567	35.14	35.45	0.31	5457	1.12	123.8	56.16	0	69.78	15.61	0	0
04567	35.14	35.45	0.31	5458	4.98	200.15	67.29	0	92.68	21.48	23.71	0
08507	35.45	36.00	0.55	4993	0	166.63	61.42	1.78	86.09	14.9	0	0
08507	35.45	36.00	0.55	4994	0	148.81	55.7	1.07	82.81	14.37	0	0
08507	35.45	36.00	0.55	4995	0	143.87	62.16	0	88.85	13.59	0	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
08507	35.45	36.00	0.55	4996	0	171.78	60.6	2.75	78.47	17.75	0	1.63
08507	35.45	36.00	0.55	4997	0	181.72	63.68	3.19	85.73	16.43	0	0
08507	35.45	36.00	0.55	4998	0	131.09	46.31	2.61	70.25	12.77	0	0
08507	35.45	36.00	0.55	4999	0	128.19	57.68	0	77.56	18.5	0	2.5
08507	35.45	36.00	0.55	5000	0	166.96	64.25	0	86.07	13.9	14.75	0
08507	35.45	36.00	0.55	5001	0	159.26	62.59	3.96	82.11	15.13	0	0
08507	35.45	36.00	0.55	5002	0	159.47	61.48	4	84.21	19.02	0	0
08508	36.00	37.00	1.00	5003	0	188.04	73.92	2.44	76.65	11.53	0	0
08508	36.00	37.00	1.00	5004	0	194.89	74.67	7.65	70.61	17.06	0	0
08508	36.00	37.00	1.00	5005	0	201.28	75.8	6.59	73.4	19.21	0	0
08508	36.00	37.00	1.00	5006	2.92	205.15	78.39	5.72	79.76	19.32	0	0
08508	36.00	37.00	1.00	5007	0	185.8	74.73	7.88	77.65	15.79	17.65	0
08508	36.00	37.00	1.00	5008	0	175.29	69.56	4.19	72.79	14.82	0	1.01
08508	36.00	37.00	1.00	5009	0	189.34	72.96	0	83.59	12.3	17.15	0
08508	36.00	37.00	1.00	5010	0	182.54	76.55	0	72.54	14.12	0	0
08508	36.00	37.00	1.00	5011	0	207.75	76.72	1.7	75.28	19.72	0	0
08508	36.00	37.00	1.00	5012	0	183.06	75.7	3.67	77.06	21.45	0	0
08509	37.00	37.85	0.85	5013	0	175.12	59.11	1.73	56.68	14.87	18.99	0
08509	37.00	37.85	0.85	5014	0	226.44	60.4	0	58.1	16.3	19.77	0
08509	37.00	37.85	0.85	5015	2.04	215.26	58.33	0	59.8	11.83	23.28	0
08509	37.00	37.85	0.85	5016	0	182.22	55.03	1.62	51.46	8.24	19.59	0
08509	37.00	37.85	0.85	5017	1.14	178.98	60.69	0	52.92	18.3	17.23	0
08509	37.00	37.85	0.85	5018	0	206.73	61.23	7.84	57.56	10.74	20.86	0
08509	37.00	37.85	0.85	5019	0	171.68	57.96	1.73	54.66	8.89	34.23	0
08509	37.00	37.85	0.85	5020	0	209.39	59.88	5.95	56.55	9.46	18.14	0
08509	37.00	37.85	0.85	5021	0	169.06	57.47	1.51	54.07	10.18	15.68	0
08509	37.00	37.85	0.85	5022	2.67	135.33	54.34	0	51.47	8.81	17.35	0
04568	37.85	38.25	0.40	5459	0	170.99	48.88	0	62.8	10.75	141.18	1.21
04568	37.85	38.25	0.40	5460	1.25	166.29	47.46	0	66.87	7.96	138.68	0
04568	37.85	38.25	0.40	5461	2.61	173.29	53.47	3.66	65.24	14.34	149.68	0
04568	37.85	38.25	0.40	5462	0	194.44	47.59	1.83	70.28	21.38	149.14	0
04568	37.85	38.25	0.40	5463	0	205.88	53.61	1.23	66.96	14.68	147.44	0
04568	37.85	38.25	0.40	5464	0	165.01	51.14	0	62.74	12.1	131.02	0
04568	37.85	38.25	0.40	5465	2.5	166.01	50.49	1.14	64.36	0	133.22	0
04568	37.85	38.25	0.40	5466	0	176.42	52.64	3.32	66.01	16.85	149.73	0
04568	37.85	38.25	0.40	5467	0	202.59	54.37	5.8	69.04	15.03	142.74	0

FC11-03 Pulp Sample #	From (m)	To (m)	(m)	Reading No	Mo	Zr	Sr	U	Rb	Th	Pb	Se
04568	37.85	38.25	0.40	5468	1.12	183.73	46.07	1.84	64.74	21.89	122.51	0
04569	38.25	39.00	0.75	5469	3.92	163.26	39.24	0	54.61	8.23	16.03	0
04569	38.25	39.00	0.75	5470	2.04	148.49	31.88	3.16	50.18	14.79	22.47	0
04569	38.25	39.00	0.75	5471	0	222.9	46.44	3.36	69.42	17.42	19.57	0
04569	38.25	39.00	0.75	5472	0	196.14	42.26	8.37	64.75	20.4	20.79	0
04569	38.25	39.00	0.75	5473	1.39	239.17	45.25	6.35	71.69	17.57	26.94	0
04569	38.25	39.00	0.75	5474	0	247.05	51.95	0	68.8	16.06	22.42	0
04569	38.25	39.00	0.75	5475	0	224.66	48.8	4.35	65.43	0	21.64	0
04569	38.25	39.00	0.75	5476	0	260.91	50.01	1.42	68.78	16.76	30.85	0
04569	38.25	39.00	0.75	5477	0	230.36	52.31	9.65	71.96	19.42	20.13	0
04569	38.25	39.00	0.75	5478	0	249.2	52.47	0	69.45	11.62	24.09	0
08510	39.00	40.00	1.00	5023	2.34	159.1	56.39	3.19	69.41	10.65	17.18	0
08510	39.00	40.00	1.00	5024	0	172.37	54.56	2.3	66.05	10.96	0	0
08510	39.00	40.00	1.00	5025	0	165.19	54.19	0	68.18	12.98	18.77	0
08510	39.00	40.00	1.00	5026	0	182.07	56.18	3.36	67.84	11.12	20.45	0
08510	39.00	40.00	1.00	5027	0	163.52	62.45	4.42	67.17	17.74	27.06	0
08510	39.00	40.00	1.00	5028	0	190.28	56.61	0	72.74	12.93	20.71	0
08510	39.00	40.00	1.00	5029	0	169.17	53.89	0	65.6	15.03	20.44	0
08510	39.00	40.00	1.00	5030	0	162.51	50.7	0	64.81	18.89	26.67	0
08510	39.00	40.00	1.00	5031	0	241.78	55.01	6.48	70.76	13.62	20.49	0
08510	39.00	40.00	1.00	5032	0	208.77	53.05	5.45	66.3	14.36	22.46	0
08511	40.00	40.23	0.23	5033	0	228.22	82.54	0	34.65	13.42	0	0
08511	40.00	40.23	0.23	5034	0	198.01	87.5	2.22	32.71	14.83	0	0
08511	40.00	40.23	0.23	5035	0	208.53	88.76	0	33.44	12.53	0	0
08511	40.00	40.23	0.23	5036	0	229.98	90.13	4.37	34.22	11.39	0	0
08511	40.00	40.23	0.23	5037	2.86	230.9	88.29	0	33.36	11.98	0	0
08511	40.00	40.23	0.23	5038	0	200.68	85.74	3.8	34.98	15.24	0	0
08511	40.00	40.23	0.23	5039	0	226.36	86.31	4.75	34.63	0	0	0
08511	40.00	40.23	0.23	5040	1.76	204.35	84.14	0	32.6	13.19	0	0
08511	40.00	40.23	0.23	5041	0	200.66	82.35	3.81	33.33	9.87	0	0
08511	40.00	40.23	0.23	5042	0	214.43	84.95	0	31.72	13.78	0	0

XRF Pulp Readings for FC1

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08626	271.31	-16.06	0	11680.94	52.1	8064.47	4.1	196.98	209960.1	3135.42	0	204.71	26.58
08626	304.93	0.85	0	11598.93	0	8073.27	0	413.27	206620.8	3460.42	0	198.85	26.71
08626	195.6	28.12	0	10989.59	0	7471.45	0	267.91	196766.8	3371.13	0	80.6	9.53
08626	245.7	26.76	13.76	11678.33	98.07	8241.91	115.16	133.63	212005.4	3608.31	0	236.44	35.65
08626	287.76	11.18	1.17	11811.07	0	8147.63	87.53	201.91	208065.1	4161.6	0	270.18	30.24
08626	282.73	11.24	5.05	11816.45	0	8230.87	59.32	0	208886.1	3105.11	0	244.97	19.18
08626	210.15	20.08	0	9933.44	0	7105.27	0	0	190780.2	2936.73	0	44.08	2.57
08626	310.68	5.05	0	11814.75	0	8123.88	88.75	0	208912	3007.61	0	194.48	71.69
08626	266.96	41.2	11.56	11880.61	0	8341.79	10.91	93.04	214296.3	2685.01	0	182.5	55.84
08626	259.25	18.54	0	11837.15	0	8234.32	17.85	179.88	214070.4	3738.88	0	241.47	48.52
08501	15.77	-0.6	0	1066.57	17.35	342.48	0	0	54243.48	1154.35	0	0	0
08501	12.09	4.25	0	1062.34	15.33	369.48	0	0	52894.05	1297.26	0	0	0
08501	15.4	-13.67	0	1060.62	34.96	350.4	0	5.15	54995.7	1339.69	0	0	0
08501	18.78	1.82	0	1072.02	6.71	335.14	0	0	53858.49	1281.58	0	0	0
08501	17.05	-2.85	0	997.3	19.83	338.13	0	0	52416.07	1224.36	0	0	0
08501	4.15	-0.67	0	1087.35	9.57	298.57	0	0	52302.27	1099.29	0	0	0
08501	1.94	2.92	0	1005.02	0	315.56	0	26.18	50634.96	1234.87	0	0	0
08501	19.15	4.1	0	968.33	2.52	328.12	0	94.28	49958.98	1208.59	0	0	0
08501	21.34	-0.29	0	1074.24	46.89	324.58	0	0	55200.5	1371.91	0	0	0
08501	11.08	-6.4	0	1065	43.16	309.92	0	80.68	50387.19	1131.18	0	0	0
08502	16.96	-8.03	0	331.73	0	212.73	0	0	58529.32	1184.32	0	0	0
08502	18.21	5.56	0	301.24	0	187.02	0	0	52929.63	1043.02	0	0	0
08502	12.03	-0.17	0	345.53	9.87	223.79	0	0	63457.93	1289.57	0	0	0
08502	20.38	10.33	0	368.82	55.57	234.34	0	0	64588.14	1369.53	0	0	0
08502	14.56	1.87	0	348.41	16.13	217.47	0	36.36	63572.97	1311.53	0	0	0
08502	18.93	6.87	0	387.41	24.9	251.81	0	122.49	67349.63	1491.41	0	0	0
08502	15.85	3.52	0	401.59	1.12	239.63	0	0	68170.17	1274.31	0	0	0
08502	30.46	3.2	0	366.11	6.74	241.45	0	0	66072.18	1541.43	0	0	0
08502	15.07	0.65	0	349.13	5.33	242.29	0	132.92	66055.69	1418.89	0	0	0
08502	19.55	-5.47	0	365.01	45.05	263.62	0	0	65372.33	1513.59	0	0	0
04544	27.69	1.9	0	1027.84	2.87	804.98	0	0	68204.84	1300.79	0	0	0
04544	29.33	3.78	0	1029.07	0	871.46	0	0	69548.41	1335.96	0	0	0
04544	11.81	8.4	0	1158.25	71.14	853.82	0	32.23	68363.46	1303.82	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04544	13.05	-4.97	0	1060.06	0	901.82	0	0	70235.97	1230.63	0	0	0
04544	17.7	0.95	0	1027.53	42.8	854.49	0	0	68938.08	1312.12	0	0	0
04544	21.46	-2.83	0	1116.19	0	939.39	0	0	70610.26	1540.74	0	0	0
04544	15.55	15.51	0	1149.58	137.16	859.56	0	0	66993.03	1235.45	0	2.25	0
04544	9.54	7.6	0	1129.07	8.09	931.45	90.99	0	70274.7	1384.6	0	58.07	0
04544	23.75	10.13	0	1157.12	14.35	889.05	0	0	70949.46	1310.96	0	0	0
04544	27.43	12.9	0	1131.58	72.26	910.95	0	78.52	71973.02	1357.93	0	0	0
04545	15.36	8.93	0	1618.25	0	1410.12	0	0	88755.32	1942.67	0	0	0
04545	13.06	-0.78	0	1711.82	32.46	1432.54	0	34.35	91479.46	2128.89	0	0	0
04545	13.93	6.88	0	1832.53	17.47	1515.51	0	0	98317.52	2263.66	0	15.07	0
04545	10.24	7.39	0	1701.63	79.82	1375.27	0	0	91529.92	2059.25	0	0	0
04545	18.63	7.09	0	1729.65	7.14	1416.76	0	0	91684.45	2037.45	0	0	0
04545	26.73	-0.55	0	1800.95	0	1489.35	0	118.63	95217.74	1950.68	0	0	0
04545	11.1	-6.37	0	1810.9	73.08	1351.99	0	111.74	93132.35	1957.57	0	0	0
04545	14.93	10.97	0	1738	2.76	1497.11	0	0	96830.84	2215.4	0	0	0
04545	9.47	7.85	0	1645.49	6.99	1413.51	0	0	87517.08	1908.23	0	0	0
04545	6.83	7.49	0	1804.95	30.28	1492.12	0	115.46	94975.41	2139.76	0	0	0
04547	101.15	1.52	0	618.96	0	1595.59	0	51.8	88278.59	866.32	0	0	0
04547	83.48	-3.43	0	550.34	27.68	1665.54	0	0	90813.47	1144.42	0	0	0
04547	88.29	-2.5	0	611.29	0	1749.9	0	0	93155.31	1005.23	0	0	0
04547	79.31	9.71	0	609.74	0	1667.76	0	0	93703.16	1048.02	0	0	0
04547	80.28	16.29	0	604.46	18.54	1759.47	0	0	95116.69	1121.89	0	0	0
04547	121.68	-24.73	0	568.9	0	1557.53	0	390.72	99287.27	1281.38	0	0	0
04547	74.38	2.96	0	608.21	0	1738	0	0	95695.18	1063.07	0	0	0
04547	78.59	11.42	0	575	16	1783.3	0	0	93485.85	1037.22	0	0	0
04547	129.28	-3.98	0	582.35	30.59	1779.24	0	18.3	93555.9	1115.12	0	0	0
04547	93.15	2.78	10.79	587.56	0	1748.69	0	0	93048.71	1001.46	0	0	0
08503	34.37	6.47	0	258.34	17.18	733.38	0	0	66281.56	1182.38	0	0	0
08503	48.03	2.42	0	287.22	20.15	690.6	0	0	64937.74	1431.67	0	0	0
08503	42.19	1.86	0	238.49	28.56	715.93	0	0	65823.99	1262.63	0	0	0
08503	24.32	4	0	255.61	2.93	686.14	0	163.02	64619.88	1282.35	0	0	0
08503	27.96	3.51	0	236.9	37.73	720.95	0	5.54	65814.14	1015.08	0	0	0
08503	28.21	-1.97	0	268.64	0	744.31	0	84.46	63897.19	1143.49	0	0	0
08503	33.56	0.87	0	260.23	6.68	646.22	0	0	64837.96	1188.85	0	0	0
08503	26.64	7.83	0	250.44	3.88	666.71	0	6.19	64426.48	1194.85	0	0	0
08503	39.72	-6.33	0	260.64	44.59	727.84	0	0	67548.26	1232.94	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08503	36.36	-0.97	0	236.96	11.69	681.9	0	0	64056.77	1153.01	0	0	0
04548	57.29	11.8	0	291.6	13.79	1188.52	0	0	79152.88	1320.47	0	0	0
04548	54.99	5.11	0	312.83	6.02	1200.91	0	0	80341.63	1378.09	0	0	0
04548	51.88	-3.03	0	336.08	16.99	1041.4	0	18.93	78956.53	1472.21	0	0	0
04548	48.3	7.84	0	325.49	11.64	1117.98	0	0	79487.9	1158.81	0	0	0
04548	56.95	3.27	0	338.18	19.61	1128.46	0	0	81275.28	1462.86	0	0	0
04548	61.2	1.19	8.42	338.27	0	1210.69	0	0	81819.25	1478.23	0	0	0
04548	54.91	8.86	0	341.45	5.47	1120.82	0	0	82941.3	1550.48	0	0	0
04548	57.72	-2.92	0	393.65	0	1182.25	0	52.53	83793.56	1543.23	0	0	0
04548	56.92	11.01	0	362.21	14.64	1207.47	0	0	82849.51	1419.37	0	0	0
04548	56.88	1.21	0	378.17	25.85	1146.79	0	0	84328.8	1295.61	0	0	0
04549	183	12.53	0	506.51	0.3	1077.21	0	0	87203.37	782.93	0	0	0
04549	176.9	-3.82	0	498.77	16.09	966.61	0	0	84555.42	993.94	0	0	0
04549	194.6	2.78	0	484.46	20.02	1078.78	0	49.48	86386.58	1079.24	0	0	0
04549	210.24	-1.57	0	517.31	44.07	1041.24	0	0	88511.99	966.25	0	0	0
04549	168.75	-0.38	0	517.68	14.21	1015.15	0	0	86733.34	940.34	0	0	0
04549	187.1	8.11	0	476.94	1.45	1056.9	0	225.02	86098.23	1060.72	0	0	0
04549	213.68	0.58	0	487.17	108.35	1008.01	0	0	87895.15	942.17	0	0	0
04549	194.63	-0.48	0	560.04	6.19	1017.13	0	0	88463.82	907.96	0	0	0
04549	163.8	4.63	0	518.9	16.05	959.97	88.56	0	86018.71	1007.58	0	0	0
04549	163	2.21	0	472.38	5.93	923.6	0	0	83582.28	928.15	0	0	0
04550	46.91	1.51	0	593.92	79.14	708.29	0	0	65810.62	962.95	0	0	0
04550	60.91	1.49	0	678.94	14.42	770.95	0	0	73446.67	1031.68	0	0	0
04550	52.83	4.05	0	648.15	66.25	771.6	0	0	69887.07	981.8	0	0	0
04550	64.17	-3.2	0	695.11	0	725.67	0	0	71184.2	1092.88	0	0	0
04550	63.44	-0.24	0	663.93	0	763.8	0	0	71991.22	1006.9	0	0	0
04550	44.04	-1.73	0	675.24	21.89	735.73	0	0	73071.92	1051.97	0	0	0
04550	60.12	9.02	0	705.97	4.78	810.63	0	0	73575.09	1211.4	0	0	0
04550	66.58	-3.77	0	693.63	25.03	794.09	0	0	73840.3	1088.23	0	0	0
04550	53.28	8.7	0	682.91	0	791.48	0	0	73228.9	955.56	0	0	0
04550	53.35	3.59	0	660.02	22.13	823.04	0	0	71834.67	1119.76	0	0	0
04551	81	4.14	0	1465.45	0	643.64	0	18.04	73365.3	914.78	0	0	0
04551	74.94	5.05	0	1526.58	0	700.69	0	134.02	77515.02	1134.37	0	0	0
04551	86.73	-1.1	0	1571.9	7.3	689.04	0	0	76786.78	1192.36	0	0	0
04551	106.54	5.08	0	1551.23	17.52	681.24	0	49.82	78215.34	1140.19	0	0	0
04551	86.38	2.58	0	1490.89	34.78	669.27	0	0	77968.18	1066.25	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04551	82.24	3.94	0	1562.48	0	719.83	0	38.4	78334.95	1159.39	0	0	0
04551	95.6	-3.15	0	1568.07	0	641.36	0	48.25	75725.38	1133.75	0	0	0
04551	92.9	4.72	0	1586.11	0	709.57	0	70.08	75746.98	1021.8	0	0	0
04551	83.18	9.07	0	1491.41	0	684.02	0	203.87	74434.07	885.42	0	0	0
04551	95.9	9.98	0	1439.29	77.3	590.11	0	31.8	73284.65	896.71	0	0	0
04552	10.7	-2.75	0	1199.27	35.34	1881.34	0	0	96296.85	1868.19	0	0	0
04552	9.22	4.85	0	1240.44	0	1906.75	0	0	98486.7	1558.99	0	0	0
04552	1.08	1.34	0	1089.56	28.22	1873.43	0	0	94779.42	1771.31	0	0	0
04552	23.21	6.58	0	1172.62	30.28	1923.93	0	91.58	100914.6	1970.8	0	0	0
04552	27.29	4.91	0	1206.75	0.6	1991.71	0	2.42	99395.31	1794.09	0	0	0
04552	17.82	-4.8	0	1175.11	56.16	1945.91	0	0	101640.2	1840.77	0	0	0
04552	22.57	-5.77	0	1082.55	1.97	1813.13	0	0	94206.71	1774.41	0	0	0
04552	2.86	1.39	0	1154.59	146.34	1867.29	0	1.91	97209.42	1792.64	0	0	0
04552	9.23	-4.83	0	1156.49	0	1822.28	0	81.99	93932.27	1768.1	0	0	0
04552	2.79	5.88	0	1126.21	22.31	1747.09	0	54.64	90682.82	1538.46	0	0	0
08504	7.7	0.73	0	987.37	11.88	843.1	0	0	58193.5	1166.96	0	0	0
08504	2.8	7.63	0	1104.15	0	923.08	0	0	60280.66	1291.15	0	0	0
08504	0	-3.33	0	1044.39	42.49	872.98	0	0	60260.11	1266.55	0	0	0
08504	0	0.06	0	947.24	0	855.38	0	0	59954.82	1281.93	0	0	0
08504	0	-0.43	0	977.76	21.26	858.64	0	0	60722.48	1113.86	0	0	0
08504	0	8.65	0	949.37	30.24	866.44	0	0	58080.82	1277.19	0	0	0
08504	12.22	-1.77	0	1199.63	0	883.69	0	0	65394.44	1322.18	0	0	0
08504	13.52	-2.7	0	1010.62	0	838.23	0	0	58566.38	1027.19	0	0	0
08504	0	7.53	0	1032.32	0	850.81	0	0	59612.3	1167.13	0	0	0
08504	0	4.69	0	918.66	33.44	763.3	0	0	55841.2	1163.55	0	0	0
08504	2.94	8.94	6.97	9.36	29.17	58.67	32.28	38.07	139.51	388.39	93.65	13.48	18.22
08504	2.97	12.61	9.29	11.82	39.19	31.96	44	50.88	182.26	525.65	128.06	17.44	23.84
08504	3.08	9.96	7.41	9.66	30.9	25.58	34.07	40.62	147.89	411.12	96.32	14.16	19.19
08504	2.14	9.78	6.63	9.17	28.1	57.08	32.56	37.23	139.4	385.64	93.62	13.37	17.99
08504	2.63	11.26	8.47	10.49	35.42	30.33	39.5	45.47	160.73	479.34	115.74	15.43	21.12
08504	3.92	12.68	9.15	12.76	40.27	77.87	44.15	51.1	182	534.12	127.23	17.37	24.51
04553	29.2	3.25	0	752.29	1.63	988.17	0	0	86774.04	1635.84	0	0	0
04553	50.01	-6.36	0	710.78	12.57	1006.61	0	0	84135.55	1511.17	0	0	0
04553	39.49	-2.5	0	736.61	0	1095.74	0	0	88613.9	1582.71	0	0	0
04553	30.22	-0.49	0	830.71	0	1175.71	0	0	94337.16	1755	0	0	0
04553	15.99	-4.58	0	794.97	0	1125.87	0	0	95850.14	1960.34	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04553	36.87	-7.54	0	806.56	48.07	1139.68	0	34.21	96198.01	1811.22	0	0	0
04553	28.85	3.44	0	782.42	19.8	1089.77	0	70.11	94901.94	1765.24	0	0	0
04553	28.96	4.5	0	812.94	0	1168.03	0	40.9	97046.7	2070.32	0	0	0
04553	25.68	-1.81	0	808.62	16.02	1067.97	0	24	93226.84	1748.88	0	0	0
04553	33.04	14.37	0	816.19	6.68	1087.77	0	0	96410.98	1915.7	0	0	0
04554	107.54	13.14	0	1063.05	0	1668.43	0	0	125606.8	2532.05	0	0	0
04554	122.47	-1.3	0	987.72	24.06	1809.3	0	135.23	122776.2	2453.15	0	0	0
04554	80.19	17.5	0	1091.44	0	1691.85	0	0	125015.7	2491.08	0	0	0
04554	96.81	4.61	0	1000.96	27.05	1774.62	0	0	122727.7	2302.04	0	0	0
04554	112.46	4.76	0	1072.45	5.49	1972.48	0	230.64	110857.8	2580.2	0	0	0
04554	105.59	-3.15	0	966	0	1647.65	0	141.48	113057.8	2072.47	0	0	0
04554	130.25	0.69	0	1027.96	0	1823.44	0	182.19	110694.9	1902.79	0	0	0
04554	108.21	-0.6	0	981.95	33.14	1695.95	0	13.51	120122.2	2161.07	0	0	0
04554	86	-3.67	0	887.15	117.96	1637.79	0	0	115234.9	2074.27	0	0	0
04554	94.16	3.11	0	921.85	6.7	1646.22	0	0	118032.2	2248.4	0	0	0
08505	11.66	4.87	0	184.58	38.41	93.39	89.96	0	96930.72	1451.14	0	0	0
08505	7.22	-0.97	0	202.1	61.05	117.42	0	0	99031.44	1705.3	0	0	0
08505	0	0.94	0	209.21	4.76	119.77	89.33	0	102282.4	1607.53	0	0	0
08505	1.97	-3.06	0	172.46	19.86	120.28	0	0	98516.68	1370.8	0	0	0
08505	0	2.11	0	190.73	14.8	83.53	0	0	97048.46	1401.19	0	0	0
08505	6.87	15.19	0	209.94	20.95	70.81	0	0	95187.79	1526.57	0	0	0
08505	9.99	14.63	0	194.38	0	108.17	0	0	95245.44	1451.22	0	0	0
08505	1.25	4.21	0	183.6	0	102.58	0	36.94	97173.34	1554.21	0	0	0
08505	0	-3.31	0	200.46	4.78	91.81	0	0	94531.68	1362.98	0	0	0
08505	1.68	17.99	0	213.49	57.95	87.13	0	0	100998.5	1697.54	0	0	0
08505	1.77	4.04	6.14	8.53	12.57	43.24	15.7	36.12	146.21	447.96	94.58	12.86	17.31
08505	2.72	5.17	8.23	11.45	18.31	58.65	21.04	51.27	191.43	614.43	130.4	17.08	23.41
08505	3.23	4.43	7.66	10.6	16.77	52.95	20.45	46.69	179.93	602.59	126.58	16.01	21.91
08505	2.33	4.79	7.69	10.23	16.15	25.02	19.33	44.64	171.8	557.49	114.19	15.24	20.99
08505	1.76	3.22	6.16	8.23	12.62	43.57	15.12	37.31	146.07	446.54	93.75	12.92	17.48
08505	1.99	4.22	6.78	9.85	13.6	48.72	17.07	40.41	156.78	483.38	102.71	13.79	18.92
08505	2.84	5.89	9.14	12.2	20.27	65.98	24.14	34.85	207.17	696.32	146.46	18.42	25.27
08506	7	1.32	0	200.14	1.11	38.91	0	75.78	70248.77	899.34	0	0	0
08506	7.5	4.28	0	154.38	5.07	42.88	0	0	63850.35	904.64	0	0	0
08506	5.57	8.12	0	167.56	29.36	45.89	0	9.19	70135.43	1099.93	0	0	0
08506	8.97	3.56	0	197.78	0	52.91	0	0	70661.4	1035.79	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08506	2.5	-0.1	0	171.24	16.94	31.02	0	0	66900.97	911.24	0	0	0
08506	4.37	5.26	0	135.93	0	0	0	0	59960.34	841.73	0	0	0
08506	3.13	3.21	0	162.2	21.08	15.86	0	0	72106.74	986.86	0	0	0
08506	5.59	1.09	0	197.12	0	31.18	0	0	70956.4	957.65	0	0	0
08506	2.44	10.02	0	158.09	4.6	44.9	0	0	71840.35	1138.88	0	0	0
08506	10.38	6.81	0	176.28	60.59	21.11	0	0	71209.35	1054.43	0	0	0
08506	2.87	4.89	7.54	10.69	15.46	52.64	16.62	28.27	165.57	490.84	105.98	15.32	21.86
08506	2.1	4.5	7.01	9.19	13.36	47.11	14.95	42.4	152.55	439.89	94.85	14.23	19.2
08506	2.29	4.91	7.9	10.11	16.16	26.44	16.46	46.96	170.04	509.73	110.89	15.45	21.38
08506	2.66	4.43	6.87	9.54	14.69	50.64	15.89	43.01	154.83	456.16	96.65	14.35	19.43
08506	2.76	5.61	8.72	11.79	18.37	28.54	19.12	51.67	187.44	561.79	118.86	17.54	24.89
08506	3.23	4.67	7.63	10.12	15.3	52.26	17.33	45.97	165.35	492.86	108.84	15.17	21.67
08506	1.94	4.22	6.6	8.96	13.75	47.19	14.66	39.9	150.05	428.33	92.93	13.86	18.83
08506	2.81	4.79	7.77	11.02	15.59	55.31	17.15	45.63	166.5	500.42	108.72	15.58	21.17
04555	5.13	2.98	0	194.85	0	178.97	0	0	91483.35	1811.55	0	0	0
04555	2.96	9.76	0	193.53	0	168.22	0	0	87336.5	1625.81	0	0	0
04555	8.74	2.45	0	204.49	0.02	195.54	0	0	92195.12	1918.22	0	0	0
04555	3.24	0.29	0	199.08	9.48	180.68	0	61.38	87089.48	1619.29	0	0	0
04555	3.44	0.9	0	203.76	37.39	218.74	0	0	91446.55	1617.26	0	0	0
04555	10.8	-0.69	0	181.62	3.45	167.92	0	25.47	86367.06	1517.6	0	0	0
04555	4.55	-6.09	0	179.88	19.77	212.77	0	0	90811.63	1574.72	0	0	0
04555	0	9.77	0	190.83	0	188.14	0	0	88318.16	1657.69	0	0	0
04555	0	1.78	0	161.42	11.41	172.57	0	0	87985.45	1506.85	0	0	0
04555	12.34	-2.36	0	180.38	0	149.21	0	0	86635.42	1528.5	0	0	0
08627	20.5	5.05	0	221.54	0	96.6	0	52.58	90590.13	1592.04	0	0	0
08627	22.96	-7.96	0	265.6	0	63.4	0	127.79	89410.55	1422.7	0	0	0
08627	18.77	8.41	0	234	10.06	107.88	0	0	89995.62	1591	0	0	0
08627	18.27	13.53	0	177.36	52.03	65.74	0	0	87706.15	1261.64	0	0	0
08627	28	1.53	0	232.41	0	117.93	0	0	92399	762.99	0	0	0
08627	32.84	2.36	0	223.25	0	87.72	0	0	83098.11	1510.48	0	0	0
08627	18.11	1.61	0	193.25	19.58	90.04	0	116.94	85861.05	1536.98	0	0	0
08627	33.79	0.12	0	216.8	33.72	120.74	0	0	88633.96	1482.31	0	0	0
08627	24.17	5.72	0	215.57	47.03	76.31	0	57	90077.85	1527.97	0	0	0
08627	20.33	0.8	0	210.13	22.25	115.1	0	0	87810.48	1629.7	0	0	0
08628	22.24	12.39	0	188.4	81.98	76.81	0	0	79518.41	1186.97	0	0	0
08628	13.26	7.74	0	255.36	19.3	48.13	0	0	79491.87	1482.3	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08628	20.23	4.52	0	174.41	0	92.02	0	0	79120.03	1304.18	0	0	0
08628	20.48	6.85	0	205.08	51.61	71.04	0	0	78135.16	1201.99	0	0	0
08628	18.96	0.36	0	188.39	0	51.67	0	86.89	79564.34	1179.29	0	0	0
08628	20.75	9.47	0	183.73	5.38	71.7	0	0	78737.39	1177.62	0	0	0
08628	24.54	1.92	0	157.84	1.41	47.78	0	119.96	78980.23	1164.19	0	0	0
08628	8.77	3.07	0	170.26	62.72	67.71	0	0	78971.65	1164.66	0	0	0
08628	26.63	-2.56	7.62	200.47	0	64.78	0	0	78963.59	1300.6	0	0	0
08628	12.64	6.18	0	138.94	23.36	75.37	0	0	79681.92	1280.65	0	0	0
08629	12.22	2.98	0	87.96	0.32	15.43	0	0	98877.34	2062.22	0	0	0
08629	16.69	4.14	0	102.28	0	24.07	0	0	103228.9	2087.79	0	0	0
08629	18.37	1.47	0	97.64	29.68	51.79	0	0	104616.5	2023.24	0	0	0
08629	11.83	-2.81	0	97.24	39.2	31.33	0	0	103481.3	2043.61	0	0	0
08629	13.54	-5.55	0	94	0	30.48	0	0	101379.6	2152.2	0	0	0
08629	14.48	13.44	0	118.2	18.62	68.66	0	8.36	102866.7	1785.39	0	0	0
08629	17.42	-3.82	0	122.03	23.51	50.05	0	41.82	105079.8	2023.53	0	0	0
08629	9.78	4.45	0	119.2	18.22	31.51	0	0	103297.5	2117.69	0	0	0
08629	13.71	-2.57	0	115.01	18.03	25	0	0	99690.4	1926.77	0	0	0
08629	9.63	0.52	10.52	106.33	0	15.99	0	0	101369.5	2093.56	0	0	0
04556	9.78	6.56	0	199.51	0	533.92	0	0	120891.1	2438.36	0	0	0
04556	11.92	11.32	0	205.16	57.51	550.13	0	0	121311.3	2342.07	0	0	0
04556	5.92	-2.89	0	182.09	32.53	564.44	0	37.29	120751.6	2379.51	0	0	0
04556	11.37	7.89	0	180.44	42.11	590.47	0	0	109883.3	2594.36	0	0	0
04556	13.58	7.24	0	227.52	41.57	598.69	0	0	126690.9	2264.89	0	0	0
04556	11.8	1.41	0	215.11	8.87	587.59	0	0	124528.2	2324.56	0	0	0
04556	11.52	7.12	0	212.49	7.35	543.63	0	0	124495.9	2478.38	0	0	0
04556	3.26	4.93	0	205.99	38.93	579.75	0	0	124383	2249.15	0	0	0
04556	10.2	-2.92	0	194.16	18.09	495.57	0	0	118624	2284.92	0	0	0
04556	10.38	-0.06	0	208.74	49.25	551.75	0	0	111741.5	2149.44	0	0	0
08630	0	-1.58	0	101.6	0	103.4	0	0	45307.75	616.87	0	0	0
08630	0	2.48	0	97.83	0	77.95	0	0	47507.93	708.94	0	0	0
08630	2.93	2.83	0	87.1	24.09	89.28	0	95.23	45350.65	535.36	0	0	0
08630	0	-6.43	0	103.83	0	66.22	0	0	46737.88	607.07	0	0	0
08630	0	-2.85	0	93.63	0	91.88	0	0	46851.47	713.37	0	0	0
08630	1.7	2.12	0	115.83	0	57.96	0	0	47323.77	636.51	0	0	0
08630	3.19	3.88	0	80.9	15.09	72.86	0	0	47437.83	703.02	0	0	0
08630	7.42	-1.21	0	95.31	15.56	96.75	0	0	45658.1	661.13	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08630	0	-6.84	0	101.68	0	88.45	0	0	47118.48	747.89	0	0	0
08630	0	-0.91	0	90.86	0	88.35	0	0	47998.98	845.42	0	0	0
04557	0	-1.18	0	839.43	0	15525.56	0	40.64	101297.5	1172.84	0	0	0
04557	0	22.02	0	827.14	80.07	16098.54	0	45.51	104660.6	836.87	0	13.73	0
04557	0	-2.94	0	815.88	35.1	15923.38	0	0	103357.6	1640.89	0	0	0
04557	0	-4.69	0	793.82	18.07	15368.66	0	0	100962.7	1221.63	0	0	0
04557	0	0.4	0	776.68	26.56	15431.38	0	0	100607	1229.98	0	0	0
04557	10.33	-4.65	0	782.96	32.24	15335.27	0	0	118127.3	1538.95	0	0	0
04557	0	-0.14	0	762.4	28.81	15193.87	0	69.73	100241	831.25	0	0	0
04557	0	1.31	0	775.55	0	15599.92	0	0	102163.7	1305.42	0	0	0
04557	0	-6.61	0	814.73	0	15617.02	0	0	102064.2	1584.56	0	0	0
04557	0	-3.37	0	811.96	52.32	15152.31	0	0	120549.4	1810.59	0	0	0
08631	9.14	2.4	0	232.19	0	525.62	0	0	105084.4	2182.38	0	0	0
08631	6.44	5.86	0	232.82	12.38	497.35	0	5.95	104825.3	2075.26	0	0	0
08631	6.88	8.2	0	198.34	2.43	569.33	0	0	104959	1954.47	0	0	0
08631	5.32	-4.17	0	226.08	31.01	461.75	0	0	106322.4	2053.9	0	0	0
08631	11.48	0.27	0	235.89	18.12	492.03	0	0	102999.9	2045.56	0	0	0
08631	0	-1.53	0	266.12	20.71	524.87	0	0	105200.2	2169.83	0	0	0
08631	0	14.06	0	243.65	83.48	452.64	0	0	103473.6	1854.37	0	0	0
08631	9.02	3.47	0	249.19	35.58	430.73	0	0	104571.7	2202.25	0	0	0
08631	3.32	-3.59	0	224.1	38.61	471.18	0	0	105084.6	2110.32	0	0	0
08631	0	4.38	0	248.31	10.17	507.62	0	0	105233.1	1976.09	0	0	0
04558	10.04	-1.87	0	288.21	0	424.37	0	0	103206.6	2008.32	0	0	0
04558	9.57	-2.96	0	228.04	0	371.91	0	0	88602.78	1630.96	0	0	0
04558	0	-3.85	0	275.82	44.02	426.78	0	0	99468.36	1927.85	0	0	0
04558	4.03	6.61	0	250.4	4.48	434.13	0	0	100107.2	2093.69	0	0	0
04558	6.53	-1.44	0	292.25	6.6	427.82	0	0	105668.6	2122.44	0	0	0
04558	14.71	0.4	0	255.18	22.51	388.47	0	0	100018.6	2095.43	0	0	0
04558	16.43	17.93	0	286.24	60.83	382.72	0	0	102094.5	2057.16	0	0	0
04558	5.77	0.96	0	276.13	12.94	403.93	0	0	100108.6	1873.21	0	0	0
04558	9.9	-1.04	0	269.33	37.58	378.04	0	70.16	101370.4	2071.14	0	0	0
04558	25.36	-0.69	0	210.32	22.34	381.89	0	0	87787.86	1531.74	0	0	0
04558	2.49	5.5	7.97	10.51	19.47	55.46	28.76	46.97	180.48	600.92	139.51	15.91	22.71
04558	2.37	5.44	8.49	10.6	19.64	27	29.05	48.18	183.16	611.08	137.27	16.26	22.12
04558	3.23	5.18	7.69	10.34	18.65	54.69	27.45	45.98	173.24	568.8	128.23	15.46	21.02
04558	4	6.25	9.28	12.5	21.33	30.07	32.92	53.28	203.73	683.75	153.06	18.22	24.86

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04558	3.28	7.14	9.72	9.36	24.18	70.14	36.22	36.34	215.85	744.55	166.78	18.91	26.86
04558	3.16	6.66	9.55	13.19	23.87	66.28	33.82	55.01	209.97	716.51	167.97	18.68	25.65
04558	4.25	6.97	9.95	13.04	24.39	34.99	35.58	36.6	213.34	740.51	167.48	19.82	27.21
04558	4.11	6.37	10.04	13.45	23.27	68.41	34.35	36.05	213.92	720.42	163.82	18.98	27.15
04558	2.06	4.36	6.36	8.46	15.27	45.23	22.5	37.92	155.83	462.4	104.49	13.96	18.45
04558	3.15	6.77	10.08	12.91	25.84	32.34	36.28	36.01	216.34	734.1	168.11	19.94	26.99
08632	22.71	1.38	0	183.39	0	57.91	0	0	60384.39	1528.52	0	0	0
08632	21.06	5.66	0	268.17	2.55	40.99	0	0	60114.08	1550.12	0	0	0
08632	28.22	-8.91	0	169.59	0	22.8	0	0	57403.74	1401.29	0	0	0
08632	21.83	3.75	0	196.04	31.94	49.85	0	0	61504.91	1450.86	0	0	0
08632	20.42	8.27	0	238.81	0	47.98	0	44.52	59691.47	1584.99	0	0	0
08632	24.23	0.48	0	191.08	17.31	61.08	0	0	61323.98	1540.98	0	0	0
08632	25.11	-1.83	0	182.65	14.21	42.95	0	0	61788.78	1501.32	0	0	0
08632	21.82	4.34	0	152.6	32.5	22.92	0	0	56553.61	1387.61	0	0	0
08632	24.27	5.2	0	187.76	8.51	57.12	0	0	57095.52	1497.86	0	0	0
08632	20.7	-4.31	0	187.12	0	37.3	0	0	59888.96	1466.75	0	0	0
08633	83.72	-2.37	0	1732.85	0	283.33	0	52.73	56389.71	1263.18	0	0	0
08633	83.76	6.32	0	1700.78	49.22	339.73	0	0	56815.58	1533.59	0	0	0
08633	88.47	-5.3	0	1819.42	0	278.77	0	0	54060.52	1389.33	0	0	0
08633	70.08	10.56	0	1770.83	0	298.44	0	0	57594.59	1336.23	0	0	0
08633	80.99	9.9	0	1959.73	6.27	290.03	0	0	57354.74	1331.94	0	0	0
08633	80.12	7.12	0	2073.3	31.54	321.07	0	63.98	56902.02	1373.77	0	0	0
08633	69.41	4.47	0	1756	40.74	304.95	0	58.17	57018.42	1471.14	0	0	0
08633	87.12	-0.88	0	1683.39	0	313.24	0	0	55684.94	1578.44	0	0	0
08633	88.23	7.54	0	1847.02	0	272.77	87.31	0	57857.88	1526.98	0	0	0
08633	57.71	4.52	0	1855.93	24.59	350.08	0	102.36	57781.14	1344.01	0	0	0
08634	37.11	9.74	0	18.99	4.99	22.18	0	0	14448.91	0	0	0	0
08634	37.89	6.73	0	0	6.76	45.2	0	0	14804.18	0	0	0	0
08634	35.7	3.86	0	12.71	5.41	27.03	0	0	15165.33	203.96	0	0	0
08634	44.92	-7.95	0	0	19.88	28.25	0	0	15136.58	0	0	0	0
08634	41.72	-5.26	0	18.67	31.17	14.96	0	207.1	14519.19	257.38	0	0	0
08634	40.89	-1.14	0	0	12.38	18.07	0	0	15402.88	0	0	0	0
08634	34.24	1.65	0	15.16	0.36	30.43	0	0	14663.97	0	0	0	0
08634	48.16	0.35	0	21.06	0	35.38	0	147.21	14680.58	0	0	0	0
08634	36.2	6.76	0	13.61	8.63	13.1	0	0	14349.85	0	0	0	0
08634	44.5	2.8	0	24.13	1.67	11.9	0	0	15433.1	115.58	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08634	1.95	5.38	6.33	9.23	7.72	43.92	13.21	36.84	103.33	195.71	1447.51	12.56	16.7
08634	2.76	5.48	6.15	8.87	6.98	43.37	12.81	36.99	104.18	192.01	58.95	12.3	16.49
08634	1.78	5.15	5.72	8.57	6.76	42.29	12.67	35.81	100.91	185.27	55.75	12.11	16.07
08634	2.86	5.69	6.27	8.94	7.49	45.54	13.92	39.03	109.48	204.8	62.18	12.88	17.44
08634	3.25	6.21	7.37	10.6	8.61	23.36	15.74	43.56	121.49	229.73	66.97	14.81	19.72
04559	6.15	30.11	200000	20.14	24.2	88.71	42.74	76.87	266.94	2575.82	1708.51	22.63	31.9
04559	6.05	28.68	200000	18.32	23.21	89.36	41.22	75.71	267.21	2372.26	1675.85	23.33	31.9
04559	6.08	29.43	200000	21.3	24	91.79	41.89	74.87	267.42	2485.94	1674.64	22.99	32
04559	8.47	30.42	200000	20.98	25.17	92.77	42.43	77.07	273.2	2567.36	1708.28	23.34	32.64
04559	5.19	25.82	200000	18.62	21.79	83.14	37.93	70.01	251.24	2076.98	1566.55	22.42	30.2
04559	9	28.01	200000	22.5	24.77	95.11	41.18	74.38	264.12	2301.62	1669.2	23.73	31.96
04559	920.96	8.69	24.88	187.29	62.51	382.86	196.16	607.11	169351.1	9.34	0	0	0
04559	884.93	12.99	0	156.74	137.39	330.8	194.9	223.84	167000.6	77.66	0	0	0
04559	875.42	7.87	0	155.68	116.97	374.48	182.82	498.51	170600.5	0	0	0	4.4
04559	863.35	3.23	9.83	168.77	0	336.7	220.25	427.92	168364.5	512.08	0	0	0
04559	933.67	8.43	16.64	147.51	96.62	340.81	216.33	534.91	170588.9	281.57	0	26.36	0
04559	858.43	-8.39	0	164.78	41.49	371.13	170.47	480.55	168504.8	328.28	0	0	0
04559	882.33	1.05	7.52	173.49	125.64	350.88	272.77	807.22	170809.5	216.61	0	0	0
04559	865.6	-9.22	0	178.43	180.78	357.99	146.35	714.25	168736.8	402.38	0	0	0
04559	829.85	2.71	0	166.89	60.16	340.37	111.75	720.98	163034.7	403.01	0	0	0
04559	877.36	-1.98	19.23	169.71	21.25	334.35	187.46	908.38	166726.1	556.58	0	14	11.71
04559	8.24	30.86	200000	19.23	24.03	92.65	44.76	77.31	271.68	2553.86	1617.57	21.58	31.49
04559	8.82	30.48	200000	20.26	24.09	90.28	43.22	78.89	271.34	2572.06	1712.41	22.5	31.43
04559	8.29	31.26	200000	21.62	25.46	95.68	43.7	76.41	272.95	2628.51	1690.88	22.35	31.77
04559	5.73	29.79	200000	21.52	24.9	90.43	41.89	77.2	268.15	2501	1721.46	23.32	32.51
04559	5.91	30.8	200000	21.85	24.85	93.18	45.42	77.47	273.81	2589.03	1653.33	22.66	32.07
04559	8.15	31.51	200000	19.28	25.28	91.65	43.92	78.03	273.42	2620.29	1675.09	21.69	31.58
04559	8	30.72	200000	22.44	25.19	95.3	43.54	79.05	272.01	2579.1	1699.6	22.45	31.87
04559	9.05	30.43	200000	22.27	25.67	100.07	43.98	79.73	277.45	2595.25	1751.94	24.02	33.09
04559	7.12	33.96	200000	24.21	28.34	105.22	49	85.92	304.43	2879.77	1918.85	25.74	36.19
04559	7.72	31.62	200000	20.83	24.5	94.48	43.96	79.9	273.85	2611.43	1690.71	22.78	31.83
04559	7.32	35.15	200000	23.97	28.88	109.7	49.57	88.42	310.25	2983.13	1962.6	25.64	36.28
04559	7.48	35.09	200000	23.67	29.09	105.58	49.47	86.55	310.97	2912.4	1902.11	25.89	36.46
04559	7.41	34.05	200000	25.18	28.45	105.97	48.84	87.46	308.72	2885.19	1937.09	26.63	37.01
04559	7.66	35.1	200000	24.05	28.98	110.03	49.69	89.99	314.72	2933.04	1937.75	26.62	36.51
04559	7.45	36.1	200000	24.53	29.11	108.09	49.92	89.75	313.84	2995.48	1920.57	26.02	36.57

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04559	6.96	33.69	200000	23.25	27.14	103.72	47.15	87.94	304.8	2897.79	1977.54	24.25	35.53
04560	102.02	-2.21	0	22.85	12.05	12.43	0	395.86	36290.9	392.3	0	0	0
04560	101.03	-5.26	0	35.34	22.25	28.18	0	0	35195.07	357.05	0	0	0
04560	97.91	10.71	0	39.31	46.07	34.93	0	0	36912.55	382.35	0	0	0
04560	96.24	1.92	0	28.22	0	0	0	273.64	35658.27	457.13	0	0	0
04560	115.84	7.4	0	30.19	2.43	17.67	0	0	37115.23	0	0	0	0
04560	112.7	0.72	0	39.88	0	31.28	0	218.35	36032.41	349.26	0	0	0
04560	98.74	7.66	0	31.45	0.29	15.14	0	171.56	35942.26	381.82	0	0	0
04560	92.91	0.56	0	25.56	10.71	14.12	0	251.09	35398.86	417.71	0	0	0
04560	107.65	1.61	0	32.33	2.11	0	0	0	34279.57	314.14	0	0	0
04560	90.38	-1.31	0	22.86	26.1	17.45	0	177.17	36671.59	326.09	0	0	0
04560	3.02	7.56	6.58	9.7	8.36	22.8	15.96	40.74	116.64	308.02	1594.07	13.78	18.56
04560	3.11	7.79	6.8	9.74	8.87	22.27	14.87	41.91	135.85	318.97	74.79	14.06	18.91
04560	2.35	8	7.12	10.34	9.49	49.69	14.91	43.62	139.3	328.56	74.36	14.26	19.4
04560	2.97	8.82	7.44	11.21	9.79	54.04	17.06	45.86	136.99	363.76	84.23	15.14	20.77
04560	3.44	8.93	7.98	10.86	9.78	25.7	16.37	46.68	136.9	363.94	85.29	15.19	20.77
04560	2.49	8.33	7.51	7.53	9.08	53.69	16.01	45.62	129.84	345.87	77.07	14.82	20.17
08635	30.49	3.89	0	42.9	11.86	0	0	153.3	34069.95	624.69	0	0	0
08635	24.71	0.32	0	35.07	21.26	0	0	0	30617.21	518.02	0	0	0
08635	17.66	5.52	0	28.23	5.38	28.91	0	170.71	32111.33	645.5	0	0	0
08635	11.2	-5.14	0	43.44	34.66	0	0	214.26	32750.63	633.15	0	0	0
08635	24.83	6.19	0	37.96	37.46	15.79	0	0	33594.22	0	0	0	0
08635	22.77	3.03	0	45.47	18.01	22.74	0	0	31934.35	679.47	0	0	0
08635	19.44	6.53	0	31.13	24.38	16.59	0	0	32912.32	690.33	0	0	0
08635	28.12	-0.86	0	40.36	7.09	0	0	0	34113.77	624.65	0	0	0
08635	0	1.15	0	41.63	2.77	0	0	0	32740.45	617.95	0	0	0
08635	19.9	2.71	0	45.96	0	0	0	0	31373.23	683.42	0	0	0
08635	2.77	5.39	6.58	9.21	9.25	46.59	14.72	42.46	114.67	303.3	78.99	13.92	18.78
08635	3.41	6.24	7.78	10.7	10.21	25.1	16.75	47.72	131.42	348.93	91.63	15.27	20.92
08635	3.14	6.13	7.71	11.13	10.74	54.15	16.09	47.84	131	347.96	91.88	15.22	21.08
08635	2.59	6.28	7.65	10.52	10.24	24.96	16.82	47.97	149.19	350.25	93.55	15.19	20.65
08635	2.3	5.55	6.84	10.24	9.4	49.98	15.18	43.25	137.29	314.58	81.9	14.22	19.04
08635	2.32	5.91	7.25	10.26	10.04	50.74	16.78	44.63	141.29	326.37	1752.78	14.59	20.02
04562	215.27	3.09	0	27.99	85.43	49.41	0	82.95	69101.34	392.32	0	0	0
04562	227.74	3.6	0	27.24	48.4	39.42	0	108.85	69516.25	547.51	0	0	0
04562	230.01	9.9	0	19.61	48.01	44.95	0	60.19	72537.93	0	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04562	253.83	5.61	0	36.58	34.47	44.34	0	440.71	72918.93	585.87	0	0	0
04562	233.21	10.13	0	26.26	65.98	11.07	0	313.19	74708.05	616.61	0	0	0
04562	229.7	-2.89	0	38.82	54.68	36.72	0	280.19	76868.14	213.64	0	0	0
04562	241.43	-1.8	0	39.78	8.44	33.09	0	227.08	77100.34	436.42	0	0	0
04562	240.85	6.81	0	18.76	55.29	40.25	0	167.56	76057.66	0	0	0	0
04562	230.55	-4.8	0	47.14	39.99	21.69	0	289.1	75532.92	1522.71	0	0	0
04562	224.17	-2.96	8.47	54.34	0	36.23	0	108.37	69038.25	587.94	0	0	0
04562	3.5	12.15	7.83	11.32	9.88	25.46	17.36	46.54	166.43	486.37	94.62	15.77	20.67
04562	4.12	14.7	9.72	13.46	12.06	31.69	21.69	34.16	197.91	598.31	115.03	18.41	25.3
04562	3.79	16.62	11.16	10.9	13.38	34.89	23.52	39.84	221.6	674.27	127.77	21.02	28.67
04562	4.45	16.11	10.1	15.25	13.34	32.95	23.17	59.57	215.14	640.64	124.45	20.37	27.77
04562	3.96	13.9	9.47	9.39	11.14	62.82	20.64	33.56	186.61	565.03	112.65	18.06	24.34
04562	4.81	17.17	11.06	10.88	15.13	38.67	24.81	39.96	225.97	697.9	135.79	20.84	27.87
04562	3.28	14.85	9.75	13.97	12.44	31.59	20.52	34.33	196.78	594.08	112.96	17.44	24.12
04562	4.16	14.64	9.86	9.56	12.16	30.68	21.04	35.15	196.19	592.13	116.71	18.49	25.33
04562	4.76	16.41	200000	16.62	14.74	76.48	27.64	64.38	222.97	1199.9	2234.82	20.92	28.77
04562	4.02	14.48	9.81	13.63	11.77	32.17	20.93	34.41	194.96	584.34	114.3	18.42	25.12
04562	3.18	14.13	9.2	9.26	11.68	29.74	21.08	33.79	191.62	573.19	111.81	18.47	24.84
04562	4.23	14.92	9.67	9.29	12.95	31.04	20.79	35.34	196.52	585.88	115.72	17.34	25.05
04562	4.28	15.02	10.1	9.61	12.71	31.84	21.81	35.72	198.33	599.88	115.29	17.66	25.49
04562	4.54	14.92	10.01	13.79	12.24	32.24	21.37	35.59	198.41	609.8	119	18.48	24.65
04562	4.66	16.86	10.86	11.11	13.76	34.55	24.09	39.8	223.49	685.74	128.74	19.87	27.81
08636	0	-1.79	0	55.06	37.14	25.8	0	0	31602.72	928.37	0	0	0
08636	6.49	-1.48	0	46.39	20.23	0	0	0	32572.34	1146.27	0	0	0
08636	10.01	-3.57	0	62.98	16.25	0	0	0	32417.87	851.79	0	0	0
08636	15.18	-0.74	0	92.32	0	0	0	0	32233.57	1004.17	0	0	0
08636	0	-6.26	0	72.91	0	11.07	0	0	32403.06	1010.26	0	0	0
08636	8.02	5.17	0	56.94	22.01	0	0	0	30945.03	915.06	0	0	0
08636	5.81	5.08	0	140.94	0	17.22	0	0	32437.34	929.86	0	0	0
08636	9.88	-0.44	0	65.39	0	12.13	0	99.38	32800.73	1040.15	0	0	0
08636	0	12.46	0	55.04	46.36	22.01	0	0	32248.34	812.81	0	0	0
08636	3.03	10.28	0	56.93	136.04	17.32	0	0	32330.24	890.01	0	0	0
08636	1.68	5.03	5.2	7.07	7.85	37.14	12.69	32.12	104.43	226.66	65.98	11.15	14.87
08636	2.04	6.73	6.41	9.07	9.57	45.41	14.34	39.22	125.98	285.25	83.35	13.31	18.04
08636	2.13	6.6	6.2	8.82	9.36	44.73	13.86	38.98	127.46	290.42	83.38	13.4	17.97
08636	2.44	7.72	7.66	10.18	11.45	24.64	15.53	46.29	142.49	336.23	95.04	14.77	19.96

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08636	2.48	8.62	7.41	10.18	11.16	52.82	16.32	46.1	142.31	335.46	95.73	14.79	20.02
08636	2.23	6.42	6.75	9.34	9.82	22.25	16.03	41.27	131.8	304.5	86.94	13.89	18.73
08636	2.32	8.03	7.25	10.07	10.71	51.82	15.68	44.7	142.02	329.06	94.45	14.68	19.98
08636	1.66	5.92	5.72	8.39	8.58	41.68	13.38	34.66	112.53	247.53	72.94	12.01	15.97
04563	225.45	8	0	43.4	32.56	13.06	0	265.42	90278.29	1366.44	0	0	0
04563	241.93	6.55	0	56.63	0	31.5	0	348.34	92066.61	683.8	0	0	0
04563	251.15	7.22	1.38	58.97	19.68	47.26	0	225.56	91363.85	1351.68	0	0	0
04563	240.33	-6.86	0	61.41	48.96	15.52	0	192.19	92528.51	691.56	0	0	0
04563	256.39	4.83	0	46.39	96.46	12.7	0	213.62	92053.88	0	0	0	0
04563	249.93	13.55	0	31.62	26	3.61	0	612.88	88255.08	1181.29	0	0	0
04563	253.05	6.98	0	32.45	99.58	4.16	0	241.66	91389.77	771.42	0	0	0
04563	239.18	5.07	0	37.81	47.06	10.3	0	96.89	87830.53	662.31	0	0	0
04563	247.11	2.34	0	38.55	38.17	29.24	0	200.04	92459.6	1352.66	0	0	0
04563	247.59	4.18	0	26.87	26.44	19.63	0	49.66	89873.51	1132.98	0	0	0
04563	3.88	10.81	7.51	10.72	9.63	24.22	16.49	42.3	163.87	486.45	90.99	14.61	19.62
04563	4.87	15.28	10.68	10.57	14.02	72.05	23.42	38.67	225.25	729.56	134.56	21.02	28.21
04563	4.49	15.06	200000	16.08	14.52	72.45	24.55	59.8	216.32	1304.21	1910.31	19.83	26.98
04563	4.99	14.43	200000	14.36	14.37	69.91	23.03	58.52	209.74	1290.63	1906.77	18.85	26.08
04563	4.39	13.68	200000	15.02	14.36	69.35	23.49	58.47	208.68	1228.34	1877	19.37	26.14
04563	3.96	16.83	200000	17.75	15.83	78.93	26.6	71.07	242.5	1508.12	2218.69	21.49	30.35
04563	4.29	14.61	200000	14.96	13.77	68.7	23.55	57.87	207.86	1253.73	1862	18.98	25.88
08637	25.34	-0.54	0	61.69	28.49	38.23	0	0	30278.79	698.49	0	0	0
08637	27.48	7.01	0	65.78	26.15	26.7	0	0	29491.96	775.25	0	0	0
08637	19.36	2.47	0	57.29	9.26	38.92	0	0	30255.51	734.79	0	0	0
08637	17.88	-0.01	0	65.5	5.19	30.46	0	158.05	30083.31	726.03	0	0	0
08637	26.78	-4.25	0	99.95	18.7	60.13	0	0	29914.88	691.96	0	0	0
08637	30.25	-0.25	0	69.56	64.64	47.07	0	0	30191.36	671.85	0	0	0
08637	30.71	8.22	0	47.76	8.11	28.34	0	0	29150.08	712.5	0	0	0
08637	36.51	10.03	0	75.58	1.55	26.34	0	0	29664.62	780.72	0	0	0
08637	14.27	-0.64	0	79.97	0	28.59	0	0	30452.63	716.57	0	0	0
08637	26.69	7.33	0	60.24	7.24	20.76	0	0	31398.36	696.3	0	0	0
04564	25.59	7.93	0	48.57	70.8	66.05	0	0	30189.96	0	0	0	0
04564	25.01	3.09	0	38.1	15.77	43.45	0	0	30236.02	455.59	0	0	0
04564	36.56	1.58	0	54.04	1.41	66.83	0	0	29907.92	0	0	0	0
04564	25.76	-1.85	0	46.43	24.73	68.99	0	0	30178.35	0	0	0	0
04564	25.91	2.64	0	60.97	6.02	57.98	0	0	30488.78	0	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04564	29.97	4.66	0	38.72	32.61	75.96	0	205.54	30754	519.51	0	0	0
04564	22.45	12.14	0	65.29	18.94	65.25	0	187.16	29433.94	0	0	0	0
04564	30.92	7.06	0	45.79	17.44	79.53	0	0	30046.28	0	0	0	0
04564	24.18	-3.69	0	46.85	14.61	54.31	0	0	30841.05	503.28	0	0	0
04564	23.15	0.9	0	45	0	50.35	0	93.06	31064.71	469.48	0	0	0
08638	12.01	10.21	0	64.05	0	45.22	0	0	25476.03	739.18	0	0	0
08638	8.26	4.22	0	88.67	19.27	36.99	0	0	25526.31	697.74	0	0	0
08638	8.79	6.63	0	79.6	13.83	22.18	0	0	25446.24	773.88	0	0	0
08638	2.13	-4.69	0	67.45	0	31.89	0	96.25	25112.06	711.46	0	0	0
08638	17.47	7.43	0	79.87	3.2	45.26	0	0	26254.12	654.81	0	0	0
08638	13.45	1.67	9.81	84.56	0	41.63	0	0	25405.2	690.04	0	0	0
08638	12.07	-0.18	0	95.33	0	22.93	0	0	25549.7	633.15	0	0	0
08638	4.22	4.49	0	93.89	0	41.91	0	110.78	26590.05	767.61	0	0	0
08638	15.77	5.08	0	86.94	9.55	17.99	0	0	24954.58	709.93	0	0	0
08638	9.56	1.47	0	127.42	2.25	17.25	0	0	25919.08	744.87	0	0	0
04565	26.81	-2.03	0	52.36	14.69	54.36	0	0	32111.13	0	0	0	0
04565	21.3	4.92	0	53.87	36.44	45.19	0	135.45	31334.74	521.79	0	0	0
04565	33.75	-2.64	0	62.6	0	49.09	0	0	33586.94	0	0	0	0
04565	23.7	-4.48	0	43.33	29	46.98	0	0	32845.82	587.85	0	0	0
04565	30.63	8.18	0	40.49	0.58	56.27	0	129.55	33036.76	420.68	0	0	0
04565	27.71	3.69	0	43.6	25.57	44.44	0	0	32717.71	0	0	0	0
04565	34.47	1.93	0	46.47	10.54	52.92	0	150.26	32571.13	769.92	0	0	0
04565	24.24	-4.47	0	49.18	6.21	56.1	0	213.41	31710.63	550.5	0	0	0
04565	31.41	-3.13	0	39.05	4.93	55.43	0	365.75	31159.82	492.29	0	0	0
04565	32.13	-10.48	0	61.75	15.49	30.8	0	239.33	32360.25	574.52	0	0	0
08639	12.82	10.45	0	67.41	3.13	72.87	0	0	21769.81	643.58	0	0	0
08639	13.71	3.06	0	62.5	8.15	74.59	0	0	21079.95	624.7	0	0	0
08639	5.76	-2.1	0	60.53	32.93	90.22	0	0	22442.54	699.39	0	0	0
08639	22.87	9	0	52.33	5.42	114.73	0	0	22840.13	0	0	0	0
08639	16.83	1.98	0	58.69	2.95	75.67	0	0	21781.46	563.07	0	0	0
08639	9.65	8.28	0	63.97	6.99	84.83	0	0	22841.54	667.14	0	0	0
08639	9.25	0.42	0	63.29	0	99.28	0	0	23429.63	670.59	0	0	0
08639	13.1	12.89	0	72.42	51.09	86.7	0	0	21982.77	663.74	0	0	0
08639	9.5	-0.16	0	42.66	26.13	96.4	0	0	22303.35	683.9	0	0	0
08639	26.57	6.28	0	76.71	81.18	85.92	0	0	22376.58	681.18	0	0	0
08640	9.18	-1.89	0	285.37	0	18.82	0	0	34477.18	1208.79	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08640	5.81	-2.28	0	209.95	0	41.98	0	0	33605.11	1161.07	0	0	0
08640	21.76	6.19	0	241.88	3.76	43.78	0	47.16	35166.89	1169.01	0	0	0
08640	6.15	6.9	0	276.95	37.85	36.9	0	90.66	34251.52	1303.4	0	0	0
08640	18.94	1.9	0	220.36	10.7	30.81	0	0	33023.84	1275.48	0	0	0
08640	0	3.45	0	271.95	0	34.57	0	86.15	34540.84	1196.24	0	0	0
08640	0	-2.1	0	203.39	0	41.19	0	0	34262.07	1228.32	0	0	0
08640	5.45	7.44	0	257.77	21.27	28.5	0	0	34870.88	1190.37	0	0	0
08640	0	-4.7	0	331.36	7.99	31.44	0	105.51	34382.62	1271.6	0	0	0
08640	9.68	7.61	0	261.74	3.3	18.73	0	0	34197.14	1113.37	0	0	0
08641	12.76	-6.14	0	122.3	0	30.75	0	0	31037.14	970.88	0	0	0
08641	14.16	5.49	0	113.31	56.53	53.5	0	127.9	29786.6	853.36	0	0	0
08641	8.77	6.05	0	95.27	0.17	57.84	0	131.8	29412.1	663.75	0	0	0
08641	11.96	5.89	0	95.46	54.23	48.7	0	0	32458.38	963.31	0	0	0
08641	3.65	1.15	0	137.31	12.82	47.64	0	142.55	31079.4	883.65	0	0	0
08641	29.44	-21.14	0	181.49	112.57	47.17	0	0	32408.21	0	0	0	0
08641	10.76	4.11	0	130.65	56.14	48.25	0	0	31432.76	841.27	0	0	0
08641	1.44	13.98	0	161.08	3.65	62.27	0	0	31539.29	945.52	0	0	0
08641	3.09	-0.62	0	118.8	0	37.46	0	0	30953.47	844.97	0	0	0
08641	11.58	4.21	0	120.32	33.5	54.72	0	0	30639.13	883.01	0	0	0
08642	12.11	0.78	0	58.9	10.04	21.63	0	0	29860.41	829.27	0	0	0
08642	26.91	2.99	0	73.82	10.03	0	0	0	30523.03	934.03	0	0	0
08642	23.1	0.62	0	72.38	3.95	0	0	0	30780.75	909.25	0	0	0
08642	20.46	-7.64	0	103.65	0	17.89	0	0	31495.37	870.8	0	0	0
08642	11.82	2.53	0	80.67	0	13.64	0	0	32396.56	954.54	0	0	0
08642	20.87	-3.09	0	73.65	23.88	17.71	0	0	31413.1	941.01	0	0	0
08642	27.3	4.87	0	67.26	6.35	17	0	0	31642.23	999.8	0	0	0
08642	12.51	9.22	0	63.18	35.69	0	0	0	31953.08	934.99	0	0	0
08642	12.2	-0.96	0	89.5	0	19.49	0	197	30774.36	909.04	0	0	0
08642	19.32	6.45	0	88.94	0	20.83	0	0	32929.06	932.69	0	0	0
04566	66.41	4.48	0	134.13	4.28	104.39	0	195.84	56853.13	637.43	0	0	0
04566	61.14	8.03	0	127.06	15.74	78.77	0	106.13	56103.94	645.5	0	0	0
04566	65.54	7.95	0	158.09	78.97	95.58	0	154.52	56397.87	558.59	0	0	0
04566	62.57	4.01	0	127.12	13.99	71.06	0	196.99	56604.82	629.84	0	0	0
04566	56.03	9.7	0	158.5	20.98	74.01	0	110.06	52712.24	404.12	0	0	0
04566	67.06	2.61	0	136.34	40.75	73.35	0	180.56	50159.27	0	0	0	0
04566	56.36	2.05	0	115.13	8.92	51.39	0	105.74	48968.52	345.02	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04566	62.22	0.42	0	126.31	9.61	87.47	0	0	53558.77	0	0	0	0
04566	67.31	1.65	0	99.83	0	79.18	0	0	53047.67	0	0	0	0
04566	54.1	1.16	0	123.53	28.09	40.33	0	72.66	51465.93	0	0	0	0
08643	23.58	1.5	0	85.01	0	15.16	0	0	31455.69	969.55	0	0	0
08643	20.6	1.72	0	75.75	0	32.39	0	0	31913.23	1055.44	0	0	0
08643	25.67	11.36	0	122.38	61.88	18.78	0	106.36	31465.99	924.36	0	0	0
08643	13.86	-0.54	0	79.72	0	28.08	0	0	30112.51	875.72	0	0	0
08643	19.25	0.5	0	83.46	64.9	0	0	0	31228.13	882.05	0	0	0
08643	13.9	10.72	0	77.68	50.88	0	0	0	30905.97	920.36	0	0	0
08643	18.32	2.49	0	70.1	15.93	0	0	0	31079.97	868.33	0	0	0
08643	25.45	-0.66	0	83.66	2.11	15.39	0	0	29267.41	749.36	0	0	0
08643	12.15	0.45	0	74.9	3.11	0	0	0	30604.87	884.1	0	0	0
08643	18.45	6.73	0	87.34	0.47	0	0	0	30532.82	950.45	0	0	0
08644	25.06	-3.43	0	226.02	9.7	20.17	0	0	38182	1345.55	0	0	0
08644	16.05	1.94	0	219.39	22.77	29.18	0	0	37034.98	1444.7	0	0	0
08644	22.26	8.6	0	282.88	42.97	21.8	0	0	37063.18	1471.32	0	0	0
08644	18.98	-8.26	0	246.98	0	42.19	0	0	38608.09	1445.3	0	0	0
08644	17.21	3.04	0	223.44	1.21	38.18	0	0	37265.16	1292.88	0	0	0
08644	26.02	2.02	0	242.32	102.57	43.69	0	0	37434.18	1240.35	0	0	0
08644	12.03	0.79	0	341.39	0	41.44	0	0	37270.2	1412.17	0	0	0
08644	20.86	2.67	0	213.63	5.57	34.98	0	0	37245.33	1303.42	0	0	0
08644	20.17	4.14	0	258.65	0	44.78	0	0	37277.52	1407.31	0	0	0
08644	9.05	1.21	0	213.98	53.35	25.24	0	176.98	36247.23	1324.25	0	0	0
04567	31.71	7.74	0	203.32	55.46	63.28	0	8.49	54494.01	967.29	0	0	0
04567	26.42	-10.29	0	195.41	43.86	57.41	0	86.73	53833.07	1042.06	0	0	0
04567	29.51	-1.33	0	182.35	0	55.63	0	0	55149.83	992.64	0	0	0
04567	34.65	2.93	0	167.36	2.83	47.42	0	93.9	53892.63	1054.45	0	0	0
04567	15.36	0.35	0	164.59	30.93	40.44	0	0	54821.83	874.62	0	0	0
04567	29.37	6.14	0	210.36	11.03	64.65	0	207.16	54059.71	868.97	0	0	0
04567	28.27	1.58	0	175.66	7.18	62.68	0	0	54539.95	895.85	0	0	0
04567	38.22	5.69	0	181.84	13.86	64.66	0	0	55544.67	924.19	0	0	0
04567	28.2	-1.38	0	184.54	0	47.63	0	0	54026.77	849.83	0	0	0
04567	25.15	-2.19	0	179.1	32.66	51.38	0	0	55917.76	940.4	0	0	0
08507	24.15	3.66	0	183.49	0	28.41	0	0	56865.11	975	0	0	0
08507	29.9	3.57	0	164.52	0.15	46.71	0	0	56364.24	1125.26	0	0	0
08507	31.49	9.29	0	166.52	28.48	34.12	0	0	54856.6	902.75	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
08507	17.28	-1.81	0	194.37	0	45.66	0	0	56827.9	1135.21	0	0	0
08507	25.64	7.46	0	192.01	52.23	56.06	0	0	56275.91	1045.32	0	0	0
08507	16.69	8.05	0	141.86	42.3	21.75	0	0	46397.29	656.71	0	0	0
08507	24.29	6.19	0	141.88	0	44.63	0	0	56503.21	1137.13	0	0	0
08507	18.41	7.63	0	166.73	49	38	0	0	57380.05	1106.86	0	0	0
08507	28.93	4.24	0	169.17	7.36	82.16	0	0	56048.83	1048.71	0	0	0
08507	22.47	4.03	0	156.56	0	21.25	0	0	57357.67	1291.47	0	0	0
08508	17.08	0.8	0	110.65	17.48	0	0	0	36709.86	1012.79	0	0	0
08508	11.95	4.76	0	139.93	12.58	31.26	0	0	35771.46	933.45	0	0	0
08508	18.74	-5.14	0	90.18	40.12	51.23	0	0	36604.27	1001.4	0	0	0
08508	10.79	6.47	0	131.21	12.49	33.47	0	157.79	38100.56	1024.89	0	0	0
08508	12.7	3.16	0	109.56	48.04	27.72	0	0	37993.53	1050.41	0	0	0
08508	17.34	-2.5	0	98.14	19.58	26.64	0	0	37321.67	932.78	0	0	0
08508	14.87	6.67	0	136.91	0	36.49	0	0	39261.95	914.52	0	0	0
08508	22.86	8.01	0	112.94	0	41.96	0	141.25	36057.12	992.57	0	0	0
08508	27.21	3.3	0	121.58	0	26.65	0	0	37212.22	894.23	0	0	0
08508	14.65	3.21	0	112.07	10.88	14.24	0	0	38630.96	1010.75	0	0	0
08509	11.62	7.27	0	100.06	60.57	24.35	0	0	26852.9	667.85	0	0	0
08509	6.55	-0.04	0	104.91	0	29.46	0	0	27944.04	730.11	0	0	0
08509	2.93	-3.03	0	83.36	15.75	37.32	0	0	27964.56	673.71	0	0	0
08509	10.04	-0.28	0	102.31	19.73	19.39	0	107.11	24373.09	626.83	0	0	0
08509	7.59	13.61	0	93.32	41.19	0	0	0	27492.58	648.95	0	0	0
08509	6.14	3.39	0	92.59	0	0	0	0	27644.38	767.13	0	0	0
08509	0	-1.5	0	108.57	12.55	24.81	0	0	26831.26	647.07	0	0	0
08509	5.72	-5.1	0	76.35	24.79	24.82	0	51.43	27580.63	723.39	0	0	0
08509	4.72	-0.76	0	75.69	9.42	29.88	0	0	27429.79	730.69	0	0	0
08509	7.06	3.37	0	104.59	73.3	0	0	0	29673.84	656.63	0	0	0
04568	12.28	-9.43	0	416.08	14.96	45.12	0	0	37421.66	662.76	0	0	0
04568	10.9	4.27	0	397.22	0	24.7	0	0	37046.59	617.77	0	0	0
04568	8.6	-2.63	0	431.24	15.93	36.2	0	0	37598.59	539.34	0	0	0
04568	7.79	0.33	0	444.15	36.74	15.64	0	0	38064.35	707.79	0	0	0
04568	5.35	4.24	0	421.13	7.51	35.57	0	0	37864.6	650.6	0	0	0
04568	10.18	-0.71	0	458.43	0	33.58	0	0	36742.95	637.84	0	0	0
04568	11.11	6.11	0	471.62	0	20.79	0	0	38214.57	794.65	0	0	0
04568	7.94	1.71	0	476.22	0	34.79	0	0	37937.56	645.4	0	0	0
04568	0	4.9	0	472.55	10.63	35.51	0	0	37258.13	709.58	0	0	0

FC11-03 Pulp Sample #	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd
04568	12.78	8.37	0	451.68	0	16.25	0	211.46	35609.53	0	0	0	0
04569	6.58	2.93	0	151.42	28.21	37.04	0	0	34563.03	0	0	0	0
04569	0	0.17	0	159.41	76.93	15.38	0	0	32473.21	494.59	0	0	0
04569	7.3	-2.38	0	158.44	25.57	48.37	0	0	33173.21	631.38	0	0	0
04569	5.16	7.55	0	132.52	0	50.73	0	0	32930.96	526.17	0	0	0
04569	2.62	2.14	0	156.92	8.07	42.86	0	205.76	32995.2	690.42	0	0	0
04569	12.42	-8.93	0	175.15	0	66.04	0	146.17	33926.76	697.82	0	0	0
04569	4.89	1.37	0	136.94	7.05	48.62	0	222.49	32333.19	756.05	0	0	0
04569	6.62	-2.45	0	145.97	0	47.87	0	141.72	35083.46	706.75	0	0	0
04569	9.21	-4.57	0	144.51	5.01	50.32	0	0	33327.84	624.09	0	0	0
04569	0	0.11	0	151.64	2.74	27.04	0	0	33253.6	590.71	0	0	0
08510	0	5.27	0	165.47	0	45.55	0	0	34928.5	949.77	0	0	0
08510	4.26	5.3	0	166.21	0	54.69	0	0	32780.73	732.36	0	0	0
08510	0	10.5	0	191.12	5.37	53.7	0	0	33819.29	897.39	0	0	0
08510	6.46	0.73	0	191.61	0	69.45	0	107.61	34085.46	913.9	0	0	0
08510	0	3.06	0	205.93	0	49.05	0	0	37270.99	843.63	0	0	0
08510	0	15.68	0	211.83	0	22.71	0	0	34097.4	897.38	0	0	0
08510	0	-2.24	0	174.54	21.74	35.35	0	0	34302.62	906.69	0	0	0
08510	0	4.54	0	176.9	8.61	50.43	0	237.09	33724.68	886.05	0	0	0
08510	3.71	-2.02	0	195.16	16.83	50.89	0	0	33891.21	983.05	0	0	0
08510	1.01	1.06	0	166.2	11.52	68.53	0	0	33265.54	816.68	0	0	0
08511	2.69	2.11	0	74.68	14.66	26.2	0	0	22828.26	1362.29	0	0	0
08511	1.72	2.98	0	80.25	34.16	0	0	0	23074.69	1359.51	0	0	0
08511	2.76	3.01	0	71.19	12.76	11.23	0	0	22686.85	1416.19	0	0	0
08511	2.11	-0.03	0	77.2	1.32	0	0	0	24948.19	1467.1	0	0	0
08511	2.43	0.38	0	62.86	74.02	0	0	0	22638.31	1330.01	0	0	0
08511	6.62	-2.9	0	73.72	0	0	0	0	23550.29	1426.25	0	0	0
08511	0	5.86	0	70.26	29.97	0	0	0	23494.28	1346.17	0	0	0
08511	5.53	5.99	0	58.14	1.3	0	0	0	23300.02	1303.44	0	0	0
08511	1.6	0.46	0	62.55	7.11	0	0	0	23182.96	1338.59	0	0	0
08511	2.45	10.35	0	71.79	37.84	0	0	0	23693.79	1360.4	0	0	0

XRF Pulp Readings for FC1

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08626	188.24	4.19	3.41	3.12	2133.89	1939.2	0
08626	160.27	6.25	3.33	0	0	0	1674.62
08626	0	0	2.23	38.03	0	0	1179.25
08626	166.72	5.18	2.57	21.62	211.32	78.67	628.49
08626	194.85	2.92	3.1	0	0	0	6221.47
08626	114.02	3.89	4.21	6.43	1281.05	1361.87	0
08626	0	0	1.72	0	616.5	804.87	0
08626	148.32	3.49	3.36	29.46	1052.19	1240.2	0
08626	147.69	2.71	2.25	0	1536.07	1606.83	0
08626	180.82	8.83	2.85	32.1	0	0	1865.27
08501	0	8.48	2.68	0	2281.2	2501.59	0
08501	0	8.02	2.1	0	3573.69	3580.38	0
08501	0	9.22	2.2	0	0	0	3724.59
08501	0	8.11	2.17	0	3458.28	3425.3	0
08501	0	7.67	1.65	2.16	906.75	1691.44	0
08501	0	7.02	1.84	19.59	0	689.89	1894.96
08501	0	5.11	1.81	0	3469.31	3379.29	0
08501	0	4.84	1.82	0	2185.31	1909.27	0
08501	0	10.97	1.85	0	2304.46	2960.5	0
08501	0	4.78	2.08	0	93.9	560.69	23.59
08502	0	2.49	1.71	8.83	2357.22	2601.02	0
08502	0	1.85	1.22	6.31	2508.56	2850.64	0
08502	0	10.89	1.77	0	3544.21	3569.27	0
08502	0	5.73	1.62	0	2053.48	1826.94	0
08502	0	9.87	1.59	3.07	46.7	370.8	834.89
08502	0	10.19	1.79	0	0	0	7692.9
08502	0	7.89	1.78	0	1407.7	1461.89	0
08502	0	9.08	1.23	0	3659.85	3760.45	0
08502	0	6.59	1.92	0	916.05	1485.52	0
08502	0	9.48	1.57	11.63	237.63	567.13	536.37
04544	0	8.68	1.65	8.93	2313.6	2577.83	0
04544	0	9.78	2.93	0	2082.24	2029.59	0
04544	0	8.26	2.03	8.83	0	146.91	2134.17

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04544	0	11.32	2.62	0	0	0	4534.94
04544	0	11.35	2.03	0	2478.56	2939.43	0
04544	0	9.53	2.82	0	1349.85	1628.48	0
04544	0	9.13	2.89	0	0	0	5177
04544	0	10.88	2.19	0	96.53	518.86	1834.75
04544	0	8.5	2.36	0	2756.53	2677.3	0
04544	0	10.93	2.46	8.58	1952.04	1934.27	0
04545	0	7.45	2.07	0	1126.75	1450.37	0
04545	0	5.03	3.02	0	3073.99	3424.49	0
04545	0	7.32	2.41	0	0	0	2393.39
04545	0	7.78	2.86	4.71	3383.05	3561.31	0
04545	0	9.4	2.31	0	3351.92	3476.68	0
04545	0	6.78	2.82	0	0	0	3755.28
04545	0	9.39	1.91	3.91	0	0	3266.85
04545	0	7.43	2.24	0	51.23	0	1415.98
04545	0	8.59	2.64	0	992.54	1436.56	0
04545	0	11.76	2.45	0	931.12	868.69	479.18
04547	0	5.89	1.77	0	621.37	1104.3	0
04547	0	5.52	1.67	0	0	0	1626.43
04547	0	6.98	2.38	27.06	1391.72	1592.26	0
04547	0	2.94	2.39	0	4033.15	4061.82	0
04547	0	1.3	2.42	0	1180.33	1250.14	0
04547	0	8.85	2.64	0	2742.79	2977.15	0
04547	0	3.2	1.45	7.09	854.43	1279.08	0
04547	0	3.11	2.02	0	63.68	965.01	1055.84
04547	0	3.02	2.07	13.16	2623.14	2626.65	0
04547	0	2.96	2.1	20.14	2790.19	3107.19	0
08503	0	2.27	1.96	0	4281.76	4020.42	0
08503	0	3.18	2.71	1.74	2094.37	1958.74	0
08503	0	2.37	2.59	3.16	1152.95	1247.08	0
08503	0	2.31	1.87	18.94	0	0	2798.44
08503	0	6.43	1.81	0	5140.51	4715.98	0
08503	0	1.93	2.15	0	1419.43	1871.68	0
08503	0	5.92	2.42	0	1068.96	1039.33	0
08503	0	1.82	2.81	4.37	0	0	2168.48
08503	0	6.71	2.6	11.53	3680.88	4121.48	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08503	0	4.44	2.13	14.74	1634.51	1866.73	0
04548	0	2.22	2.14	0	1707.85	2082.24	0
04548	0	0	2.32	0	1096.97	1390.91	0
04548	0	2.42	2.34	0	0	93.74	1501.99
04548	0	1.94	2.11	0	1115.79	1806.02	0
04548	0	5.69	2.23	6.31	2949.88	2735.39	0
04548	0	1.55	2.78	0	0	0	2705.33
04548	0	5.37	2.2	4.07	1515.28	1753.77	0
04548	0	4.54	2.16	0	0	0	1546.71
04548	0	4.21	2.46	4.09	3207.16	3140	0
04548	0	6.73	2.24	0	1647.55	1788.8	0
04549	0	1.13	3.07	11.22	2555.54	2229.94	0
04549	0	5.47	3.27	24.06	241.22	623.64	89
04549	0	3.93	3.41	7.87	805.06	1594.03	0
04549	0	1.63	3.57	15.95	486.91	853.45	0
04549	0	3.22	3.43	0	1614.1	1752.33	0
04549	0	2.95	3.59	10.55	428.83	385.26	0
04549	0	4.09	3.46	18.55	1450.58	1673.14	0
04549	0	2.4	3.74	0	4159.31	3934.72	0
04549	0	4.99	3.65	11.42	1241.12	1389.2	0
04549	0	2.22	3.04	16.95	937.87	1556.15	0
04550	0	4.78	2.12	0	1184.08	1931.64	0
04550	0	3.16	2.92	0	0	440.58	962.62
04550	0	3.95	2.6	0	458.06	1016.6	0
04550	0	2.41	2.95	0	1658.75	2129.32	0
04550	0	3.94	3.23	0	2532.12	2598	0
04550	0	3.98	2.74	0	0	449.54	281.43
04550	0	2.13	2.76	9.22	1338.81	1764.97	0
04550	0	2.74	2.78	10.41	1155.02	1281.49	0
04550	0	5.32	2.54	0	889.17	1336.29	0
04550	0	1.66	3.41	21.39	1149.66	1721.17	0
04551	0	3.25	2.47	3.72	3450.34	3749.5	0
04551	0	3.06	2.21	11.51	261.72	295.11	0
04551	0	2.5	2.9	0	1484.91	1527.41	0
04551	0	6.23	3.37	0	3800.66	3707.29	0
04551	0	5.81	2.91	0	1457.82	1392.14	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04551	0	4.15	2.28	23.5	376.17	819.35	0
04551	0	1.42	3.12	0	2459.94	2150.24	0
04551	0	3.85	3.19	10.82	3123.46	2772.72	0
04551	0	2.18	3.29	8.44	0	167.27	1262.03
04551	0	2.86	3.04	0	89.53	452.47	1198.38
04552	0	6.1	2.55	8.94	0	0	5174.04
04552	0	9.16	2.03	0	823.65	1155.8	0
04552	0	7.54	2.32	0	2241.36	2280	0
04552	0	10.09	2.15	12.76	0	0	1962.02
04552	0	6.5	2.5	14.16	1258.49	1389.75	0
04552	0	4.38	2.53	7.59	2500.15	2769.21	0
04552	0	8.13	1.9	7.66	0	201.99	1631.38
04552	0	4.28	2.22	18.52	119.09	705.29	835.59
04552	0	3.64	2.21	2.48	81.79	0	177.11
04552	0	6.46	2.07	20.49	3042.64	2961.93	0
08504	0	7.01	1.69	8.04	433.98	1053.99	503.71
08504	0	5.03	1.96	17.98	2266.98	2560.56	0
08504	0	6.17	1.93	12.36	2427.61	2327.54	0
08504	0	5.78	2	0	1082.65	1599.41	0
08504	0	3.79	2.03	0	484.55	741.42	0
08504	0	4.96	1.48	0	0	0	4199.26
08504	0	3.41	2.02	8.77	1077.37	1658.23	0
08504	0	2.85	1.82	0	2330.99	2669.25	0
08504	0	4.22	2.1	2.15	0	0	1924.56
08504	0	6.77	1.22	3.02	0	38.22	1677.79
08504	11.2	14.83	13366.6	1	13.83	6260.37	5091.09
08504	14.9	19.22	17119.4	1	18.64	7989.46	6506.54
08504	11.62	15.56	14323.7	1	14.78	6809.8	5489.71
08504	11.11	14.67	13158.2	1	14.24	6167.18	4996.72
08504	12.44	17.03	14159.9	1	16.19	6572.04	5380.19
08504	14.04	19.02	16657.7	1	18.59	7741.72	6319.81
04553	0	5.8	1.37	3.47	1487.59	1684.16	0
04553	0	4.68	1.16	0	2441.98	2437.96	0
04553	0	7.93	1.51	11.13	648.2	1293.77	0
04553	0	7.66	1.78	0	3489.05	3324.1	0
04553	0	9.68	1.75	0	0	88.68	2376.6

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04553	0	7.56	2.12	15.57	3571.67	3266.29	0
04553	0	7.88	1.76	0	1121.21	1105.57	0
04553	0	10.04	1.97	0	2613.16	2594.77	0
04553	0	6.39	2.42	0	1774.67	1851.47	0
04553	0	9.23	1.97	4.19	1501.42	1969.7	0
04554	0	5.43	2.27	12.34	3975.26	3703.9	0
04554	0	7.14	1.31	27.11	2907.71	2729.71	0
04554	0	8.56	2	0	1319.41	1458.2	0
04554	0	4.55	2.55	18.07	1101.89	1152.83	0
04554	0	3.89	2.63	11.32	0	0	4970.5
04554	0	8.54	2.03	27.24	0	43.15	1229.18
04554	0	4.36	2.21	0	954.6	1053.25	177.03
04554	0	7.71	1.82	26.72	0	0	3896.03
04554	0	3.6	1.21	0	176.36	687.03	896.48
04554	0	4.65	1.79	18.5	222.41	657.95	183.98
08505	0	9.55	1.5	0	0	0	3502.62
08505	0	9.84	2	0	0	0	2684.24
08505	0	10.66	1.86	0	0	0	3967.63
08505	0	9.95	1.3	0	1426.67	1795.47	132.32
08505	0	9.31	1.35	0	421.56	793.03	1400.93
08505	0	7.39	1.7	0	2041.84	1921.85	0
08505	0	11.11	1.57	0	0	0	2350.48
08505	0	3.22	1.94	0	0	0	3695.78
08505	0	9.56	1.88	0	0	0	3298.14
08505	0	12.39	1.74	0	0	0	5748.7
08505	10.82	14.11	12826.6	1	14.2	5937.17	4847.46
08505	14.64	18.68	16496.4	1	17.74	7647.82	6196.5
08505	13.6	17.41	15490.7	1	17.29	7074.47	5768.62
08505	13.21	16.67	14774.7	1	16.69	6753.18	5525.67
08505	10.95	14.2	13063.4	1	13.73	6085.14	4930.12
08505	11.56	15.28	13793	1	15.06	6365.27	5206.01
08505	15.62	20.15	17413.2	1	19.98	8080.53	6534.74
08506	0	6.64	2.49	0	980.48	1384.72	0
08506	0	6.7	1.68	0	0	0	8060.44
08506	0	7.17	1.98	0	249.28	515.11	983.76
08506	0	6.06	1.99	0	2160.14	2421.32	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08506	0	7.45	1.52	18.52	3637.44	3512.3	0
08506	0	5.28	1.59	10.86	0	0	5301.27
08506	0	6.04	1.7	16.69	2788.77	2938.34	0
08506	0	7.86	2.11	0	673.86	692.14	1381.85
08506	0	7.81	2.07	0	1379.58	1548.57	3.6
08506	0	11.98	1.85	11.09	2375.26	2626.34	0
08506	13.04	16.75	15702.7	1	16.69	7347.09	5978.45
08506	11.59	15.42	14451.4	1	15.04	6878.57	5545.55
08506	13.28	17.02	15907.5	1	16.82	7352.31	6022.19
08506	11.79	15.75	14465.5	1	15.4	6723.95	5488.52
08506	14.74	19.17	17374.3	1	19.06	8213.34	6643.57
08506	12.99	16.7	15438.6	1	16.67	7149.04	5843.15
08506	12.17	15.09	14434.7	1	14.69	6742.76	5480.9
08506	13.2	16.94	15717.8	1	17.06	7276.01	5929.34
04555	0	7.55	1.48	0	0	0	3174.09
04555	0	10.45	1.87	12.34	4805.6	4600.94	0
04555	0	5.37	1.36	0	0	0	5376.12
04555	0	7.31	1.41	4.84	517.48	438.86	819.72
04555	0	6.9	1.95	20.62	1264.14	1363.62	0
04555	0	8.88	1	0	0	0	2350.13
04555	0	10.89	1.55	0	2322.53	2420.24	0
04555	0	8.92	1	9.15	691.42	1237.43	73.11
04555	0	5.01	1.13	1.81	1901.6	2477.59	0
04555	0	6.64	1.43	6.23	1819.28	2205.16	0
08627	0	9.7	1.98	0	1626	1331.19	0
08627	0	11.11	1	0	0	0	6105.7
08627	0	7.5	1.9	0	3175.26	2783.87	0
08627	0	11.03	1.3	0	1691.26	1814.86	0
08627	0	10.12	2.1	0	1860.23	1777.41	0
08627	0	3.39	1.51	0	0	0	3056.22
08627	0	8.39	1.77	0	976.52	1058.5	0
08627	0	7.04	1.84	0	587.85	823.71	1197.66
08627	0	8.68	1.7	0	0	0	6976.26
08627	0	7.87	1.91	15.75	3590.55	3477.59	0
08628	0	8.33	2.25	0	2294.59	2513.57	0
08628	0	12.24	2.25	0	2217.03	2219.82	11.12

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08628	0	12.86	2	0	0	0	3129.89
08628	0	7.32	2.6	0	0	0	4303.01
08628	0	13.01	1.98	3.2	1331.7	1241.45	475.23
08628	0	15.03	2.18	0	0	0	4733.76
08628	0	12.46	2.07	9.89	984.65	1048.97	1193.88
08628	0	9.52	2.22	0	3360.89	3341.44	0
08628	0	10.08	1.95	0	0	0	5057.09
08628	0	12.04	1.97	0	0	0	5511.57
08629	0	9.43	1.77	0	2492.62	2592.14	0
08629	0	10.8	1.45	0	3041.81	3381.92	0
08629	0	13.06	2.45	0	2411.08	1948.81	0
08629	0	16.05	2.25	3.96	1204.84	1168.39	117.2
08629	0	12.84	1.66	0	1598.43	1499.68	0
08629	0	12.52	1.35	17.68	1326.1	753.31	781.35
08629	0	11.41	2.36	1.32	1403	1461.57	739.07
08629	0	11.27	2.46	0	2986.49	2729.71	0
08629	0	11.68	2.43	15.27	665.72	932.11	1214.9
08629	0	9.37	1.82	0	2730.83	2613.04	0
04556	0	6.84	1.64	0	1655.91	1903.63	773.39
04556	0	10.37	1.67	0	3585.75	3739.76	0
04556	0	10.27	1.58	12.15	52.37	171.23	2087.76
04556	0	14.41	1.96	0	0	0	8011.12
04556	0	12.69	2.74	0	0	0	4607.55
04556	0	12.32	1.62	0	2400.35	2322.58	0
04556	0	14.01	2.08	1.54	1458.94	1751.75	168.26
04556	0	10.84	2.08	0	791.23	949.49	1170
04556	0	6.94	1.67	0	1195.09	1935.15	1016.9
04556	0	13.61	1.63	10.31	0	0	3395.25
08630	0	7.77	1.34	3.32	176.85	612.97	1360
08630	0	7.02	1.44	0	2797.79	2896.75	0
08630	0	8.56	1.43	0	2001.1	2465.64	0
08630	0	5.05	1.68	5.47	2079.33	1876.97	0
08630	0	5.73	1.28	0	1241.81	1572.87	0
08630	0	8.82	1.24	3.72	3011.73	2916.58	0
08630	0	8.08	2.19	4.38	0	0	2504.61
08630	0	7.01	1.85	5.21	0	0	2877.09

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08630	0	6.67	1.43	0	3542.33	3817.58	0
08630	0	8.4	1.85	4.93	1011.92	1656.5	0
04557	0	6.57	1.59	1.19	1041.79	1085.54	0
04557	0	5.04	1.23	10.23	2864.34	2965.8	0
04557	0	8.78	1.66	12.15	0	0	3386.93
04557	0	6.6	1.24	13.21	918.51	926.02	0
04557	0	6.63	1.2	0	445.17	448.94	0
04557	0	5.64	1.5	12.97	3218.85	3156.67	0
04557	0	7.61	1	11.29	1635.97	1604.68	0
04557	0	5.72	1.45	19.8	409.67	635.38	702.25
04557	0	8.18	2.31	21.08	0	0	3177.81
04557	0	5.3	1.06	0	0	378.1	1979.31
08631	0	7.03	1.13	0	0	0	4854.94
08631	0	8.74	1.7	0	0	0	2585.86
08631	0	7.68	1.78	11.95	1129.82	1513.25	41.08
08631	0	9.37	1.44	0	182.92	442.08	1115.4
08631	0	11.65	1.99	11.22	809.51	1182.09	544.66
08631	0	7.7	1.8	13.2	0	0	4671.68
08631	0	8.36	1.97	19.34	1940.12	2240.19	0
08631	0	9.77	1.69	0	3324.39	3047.48	0
08631	0	8.21	1.76	16.13	951.49	1056.25	0
08631	0	9.76	1.79	11.28	0	64.94	2298.13
04558	0	7.29	1.63	0	0	215.33	1731.84
04558	0	6.78	1.23	0	1736.52	2086.26	0
04558	0	6.78	2.29	0	1916.01	1940.82	0
04558	0	8.99	1.88	0	1568.2	1978.05	0
04558	0	11.2	1.76	0	0	0	4341.03
04558	0	9.28	1.68	0	865.01	1425.61	281.46
04558	0	7.25	2.21	4.12	0	347.39	1663.38
04558	0	6.31	2.38	0	1848.1	1629.78	0
04558	0	8.12	2.93	0	1750.27	1999.07	0
04558	0	12.16	1.27	12.81	1002.37	988.32	0
04558	13.63	17.44	15015.5	1	17.24	6832.02	5584.7
04558	13.68	17.72	15721.2	1	17.9	7358.39	5907.36
04558	13.32	16.81	14660.4	1	15.93	6693.43	5471.6
04558	14.67	19.93	16480.5	1	19.77	7497.11	6162.82

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04558	15.93	20.94	18214.7	1	21.05	8547.1	6867.81
04558	15.68	20.56	17110.6	1	20.34	7743.81	6359.85
04558	15.95	21.7	18258.8	1	20.48	8357.84	6789.37
04558	16.07	20.81	17932.3	1	20.58	8269.36	6718.12
04558	11.9	15.43	13649.3	1	14.67	6369.34	5180.63
04558	16.07	20.92	19012.3	1	21.21	8781.49	7119.27
08632	0	10.36	2.28	0	871.47	1566.42	1668.48
08632	0	12.74	2.75	0	0	0	6516.03
08632	0	12.01	1.75	13.4	5464.73	5108.1	0
08632	0	13.25	1.74	0	2536.86	2578.91	0
08632	0	14.63	1.85	0	0	0	5973.84
08632	0	11.33	2.03	0	2198.82	2368.89	0
08632	0	12.07	2.09	0	4005.04	4299.27	0
08632	0	7.79	1.53	0	2184.72	2507.01	0
08632	0	9.11	2.5	16.13	6333.88	6192.72	0
08632	0	15.39	2.09	0	3048.78	2997.5	0
08633	0	15.25	1.79	0	0	0	5043.7
08633	0	11.49	2.46	10.29	0	0	6201.45
08633	0	14.58	2.34	1.72	3909.76	3708.74	0
08633	0	12.52	2.11	0	3502.87	3746.99	0
08633	0	15.1	1.85	0	2449.34	2612.02	0
08633	0	11.86	2.59	0	0	0	6481.29
08633	0	11.82	2.27	0	490.25	431.64	2224.55
08633	0	11.54	2.14	0	1346.32	1121.36	0
08633	0	11.35	2.12	0	3882.34	3564.79	0
08633	0	12.53	3.15	0	2808.03	3079.75	0
08634	0	4.68	1	0	4036.37	4053.91	0
08634	0	7.02	1	0	6546.46	6278.4	0
08634	0	2.66	1	12.17	1222.1	1275.27	0
08634	0	5.84	1	0	3623.23	3017.52	0
08634	0	3.69	1	0	469.12	1272.79	0
08634	0	2.29	1	0	3660.23	3842.54	0
08634	0	2.79	1	0	545.55	1316.81	0
08634	0	3.23	1	0	2602.51	3173.92	0
08634	0	4	1	0	4490.13	4298.8	0
08634	0	4.01	1	0	1048.31	1548.73	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08634	10.5	13.87	14560.1	1	14.2	6941.92	5680.63
08634	10.25	13.68	15547.2	1	13.56	7405.37	6017.6
08634	10.14	13.46	14993.1	1	13.36	7143.49	5819.86
08634	10.64	14.36	16325.6	1	13.91	7782.04	6330.38
08634	12.21	16.27	17813	1	16.32	8515.45	6925.25
04559	23.42	164.31	16645.4	1	21.14	6865.59	5654.08
04559	28.64	129.72	16388.6	1	20.25	6783.26	5603.29
04559	29.04	149.01	16229.7	1	20.38	6768.83	5542.65
04559	29.87	185.85	16591.2	1	21.88	6885.24	5640.94
04559	47.72	91.62	15374.7	1	19.72	6471.27	5342.97
04559	38.44	120.99	16378.5	1	20.44	6817.15	5642.09
04559	34.24	0	1	0	411.68	212.74	0
04559	0	1.22	1	1.89	569.39	311.77	184.08
04559	16.29	8.32	1	13.22	4278	3582.38	0
04559	16.43	1.15	1	0	0	0	3591.15
04559	75.42	4.05	1	5.98	0	0	851.41
04559	24.47	0	1	9.77	0	0	1508.37
04559	99.22	1.86	1	0	0	0	2208.05
04559	70.17	4.01	1	0	0	0	1576.86
04559	20.84	4.6	1	9.67	0	0	1872.82
04559	111.45	0	1	11.47	0	0	1859.69
04559	17.95	127.84	15812.2	1	21.55	6429.31	5329.65
04559	17.02	134.78	16741	1	20.64	6848.96	5679.72
04559	16.97	141.16	16357.7	1	21.91	6790.73	5515.89
04559	33.85	163.12	16864.1	1	20.97	6935.02	5728.32
04559	17.98	137.01	16196.8	1	21.14	6591.52	5466.73
04559	17.95	158.2	16473	1	21.84	6693.63	5566.21
04559	17.01	175.37	16315.3	1	21.51	6850.64	5570.58
04559	26.71	154.4	17121.6	1	21.36	7024.32	5809.19
04559	25.08	161.81	18370.2	1	24.93	7688.68	6303.39
04559	17.29	138.46	16544.3	1	21.56	6736.58	5589.33
04559	20.37	138.83	18581.6	1	25.89	7852.44	6374.01
04559	19.67	133.04	18530.2	1	24.9	7570.11	6290.5
04559	20.62	161.76	18797.7	1	25.07	7704.34	6393.64
04559	19.94	137.55	18765.2	1	25.28	7770.15	6377.34
04559	19.73	149.38	18635.6	1	24.61	7574.22	6294.66

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04559	20.1	161.37	19085.2	1	23.74	7942.44	6530.3
04560	0	7.99	1.8	0	1880.28	2189.4	0
04560	0	10.05	1.41	2.22	1679.83	2607.15	0
04560	0	10.33	1.81	0	2068.9	2414.42	0
04560	0	5.58	2.19	0	0	0	3469.49
04560	0	8.59	2.05	0	4515.18	4058.62	0
04560	0	12.02	1.75	0	0	590.72	1996.84
04560	0	12.67	2.24	0	1254.3	1405.25	0
04560	0	6.94	1.58	9.54	2027.88	2387.45	0
04560	0	5.4	1.18	0	640.37	812.16	0
04560	0	7.67	1.31	0	0	235.68	2216.07
04560	11.92	15.2	15667.7	1	15.48	7446.96	6067.92
04560	12.3	15.47	16233.5	1	16.45	7770.62	6284.49
04560	12.43	15.75	16589	1	16.22	7862.5	6418.51
04560	12.93	16.79	17904.3	1	17.87	8591.87	6956.05
04560	12.98	16.82	17421.9	1	17.9	8622.61	6835.63
04560	12.72	16.42	17700.4	1	17.64	8372	6844.22
08635	0	14.5	1.61	0	2053.84	2262.26	0
08635	0	8.84	1.93	10.16	1764.95	2356.22	0
08635	0	9.39	2.14	4.8	0	0	3649.6
08635	0	11.02	2.27	0	4056.63	4496.54	0
08635	0	11.06	1.44	0	5973.53	5834.83	0
08635	0	10.91	2.03	7.25	2406.87	2677.67	0
08635	0	9.61	2.19	0	0	222.66	3584.38
08635	0	10.01	2.08	0	3776.23	3592.23	0
08635	0	10.03	1.24	0	1896.99	2847.55	0
08635	0	11.59	1.51	0	2821.99	2530.83	0
08635	12.2	15.37	17191.7	1	16.43	8329.8	6714.17
08635	13.01	17.01	18836.7	1	18.62	9034.62	7335.02
08635	13.05	17.1	19419.6	1	18.65	9388.05	7571.06
08635	12.29	16.88	18399	1	18.15	8793.45	7166.48
08635	11.62	15.69	16935.3	1	17.14	8051.13	6577.17
08635	12.64	16.17	17166.9	1	17.23	8159.75	6638.68
04562	0	5.91	2.34	7.2	1979.64	2697.71	0
04562	0	12.11	1.47	0	1019.97	1319.19	634.22
04562	0	3.82	2.18	0	5629.61	5324.9	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04562	0	10.93	2.27	0	0	220.46	1618.91
04562	0	8.3	2.05	14.27	15.05	218.79	1944.3
04562	0	11.68	2.84	0	1608.53	1686.92	0
04562	0	8.48	2.59	0	487.5	1054.01	1535.3
04562	0	12.02	3	14.18	3785	3315.13	0
04562	0	9.71	2.99	0	0	0	9035.71
04562	0	11.48	2.12	0	1375.89	1378.19	180.41
04562	23.09	16.59	16216.6	1	17.07	7486.54	6131.95
04562	14.92	44.23	18855.2	1	20.1	8968.44	7212.83
04562	16.76	37.83	21307.4	1	22.77	9888.33	8110.07
04562	24.39	22.38	20505.1	1	22.03	9896.33	7923.69
04562	28	19.75	17311.8	1	19.55	8283.29	6657.02
04562	16.74	23.23	21075.6	1	23.13	9866.59	8014.11
04562	14.62	20.25	19114.7	1	19.92	8868.22	7227.05
04562	14.93	20.45	18307.3	1	19.85	8776.51	7061.26
04562	17.01	30.06	21297.9	1	22.86	9998.75	8133.58
04562	14.87	20.45	18386.3	1	19.65	8460.25	6959.88
04562	27.84	19.41	18454.9	1	19.75	8513.14	7006.78
04562	14.65	51.46	19044.5	1	19.22	9084.37	7294.95
04562	14.86	50.93	19071.5	1	20.67	8899.09	7242.38
04562	14.92	42.22	19033.3	1	20.73	8763.44	7181.36
04562	16.82	30.4	20828.3	1	23.23	9554.4	7895.72
08636	0	6.59	2.24	0	1659.26	2136.65	0
08636	0	11.62	1.98	0	3924.74	3899.24	0
08636	0	9.07	1.24	0	2235.77	2660.79	0
08636	0	9.57	2.07	9.98	6352.39	6548.4	0
08636	0	8.18	1.93	0	4592.89	4667.61	0
08636	0	7.74	1.81	0	3411.35	3739.4	0
08636	0	9.28	2.21	0	3013.15	3103.07	0
08636	0	10.25	2.27	0	0	282.07	3103.13
08636	0	9.51	1.99	0	217.53	1410.67	1256.57
08636	0	8.84	2.14	0	0	0	3960.94
08636	9.63	12.49	13264	1	13.15	6317.58	5120.13
08636	11.83	14.73	15702	1	15.63	7471.58	6078.24
08636	11.16	14.77	15795.3	1	15.86	7507.5	6109.73
08636	11.98	16.32	17379.4	1	17.36	8279.4	6730.11

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08636	12.76	16.35	17511.9	1	17.26	8297.1	6796.69
08636	11.44	15.34	16082.7	1	16.45	7648.33	6225.38
08636	12.69	16.22	17723.7	1	17.62	8589.3	6909.03
08636	10.33	13.43	14385.9	1	14.16	6868.06	5568.28
04563	0	5.45	1.92	0	0	0	6554.72
04563	0	8.35	2.06	0	928.55	978.1	1590.83
04563	0	10.67	1.62	8.13	0	0	6851.84
04563	0	7.17	1.83	2.89	0	0	1914.27
04563	0	7.84	1.61	0	2633.3	2659.92	0
04563	0	6.85	1.77	0	0	0	4908.29
04563	0	3.49	2.14	0	245.06	292.93	1973.84
04563	0	5.64	1.64	0	0	0	1860.02
04563	0	7.47	2.65	0	0	0	6687.89
04563	0	6.22	2.03	0	0	0	2088.35
04563	12.06	16.04	14437.3	1	15.39	6675.97	5453.86
04563	16.73	22.83	19614.2	1	22.19	9038.75	7361.36
04563	15.68	55.61	18437.8	1	20.63	8396.02	6855.31
04563	15.19	60.04	18350.6	1	20.33	8406.59	6833.21
04563	15.42	48.33	17845.2	1	20.46	8347.18	6720.38
04563	17.62	75.77	21246.6	1	23.56	9627.63	7914.39
04563	15.12	47.83	17518.4	1	20.16	8258.36	6617.23
08637	0	7.96	2.18	1.47	1052.76	1368.66	77.56
08637	0	9.78	1.89	0	1783.32	1912.58	0
08637	0	8.85	1.8	0	2735.55	3076.82	0
08637	0	10.17	1.59	0	3134.43	3451.36	0
08637	0	10.85	2.36	0	123.42	535.35	2086.31
08637	0	8.66	2.29	0	1090.22	1733.45	248.89
08637	0	8.67	1.89	0	3137.98	3343.19	0
08637	0	6.71	2.32	0	0	132.69	1963.69
08637	0	8.11	2.35	0	2191.65	2174.2	0
08637	0	10.79	2.68	4.59	326.88	992.96	1023.86
04564	0	15.12	2.1	0	2644.01	2700.73	0
04564	0	9.02	2.25	0	964.33	1670.54	481.3
04564	0	12.31	2	0	3381.16	3260.39	0
04564	0	7.92	1.98	0	4471.92	4737.84	0
04564	0	11.54	1.71	0	3613.74	3815.49	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04564	0	13.45	2.06	0	560.9	1175.71	1359.67
04564	0	14.9	2.89	0	3692.95	3827.08	0
04564	0	10.14	1.7	0	4860.64	5106.07	0
04564	0	10.01	1.95	0	730.7	1047.99	194.42
04564	0	12.55	2.24	0	0	0	8594.64
08638	0	14.49	1.64	0	68.06	591.68	3718.2
08638	0	14.26	2.29	0	0	277.87	4787.25
08638	0	12.19	2.17	0	1365.41	1797.39	691.24
08638	0	11.89	1.87	0	525.15	1413.59	1815.25
08638	0	14.82	1.64	0	1560.36	2502.73	0
08638	0	12.92	1.49	0	2467.61	2397.12	0
08638	0	12.94	1.84	7.27	1035.54	1741.98	906.77
08638	0	12.43	1.58	7.45	1221.29	1457.23	860.73
08638	0	11.33	2.11	0	1629.4	2294.55	260.62
08638	0	12.11	1.64	0	0	0	3655.63
04565	0	13.91	1.49	7.38	3397.32	3244.96	0
04565	0	11.86	1.57	0	2749.82	3202.13	0
04565	0	12.99	2.56	0	3315.69	3552.37	0
04565	0	13.15	1.82	0	748.42	1542.42	1152.33
04565	0	14.59	1.9	0	1459.84	1641.81	885.75
04565	0	13.51	2.14	0	4486.34	3885.57	0
04565	0	14.7	2.41	0	750.41	1927.72	1908.03
04565	0	15.6	1.49	0	0	0	7363.84
04565	0	16.73	1.66	0	2832.76	2995.14	0
04565	0	12.82	1.51	0	1934.67	2139.4	0
08639	0	7.96	1.73	0	1976.63	2780.14	0
08639	0	7.04	2.17	0	823.76	1559.47	0
08639	0	9.27	2.01	0	454.74	1070.42	964.89
08639	0	8.43	2.04	0	3700.78	3919.63	0
08639	0	9.4	1.95	0	2866.02	3512.29	0
08639	0	8.76	2.61	3.49	1434.38	1862.27	0
08639	0	9.17	1.8	0	1225.03	1467.68	0
08639	0	11.88	1.94	11.37	3750.25	4279.41	0
08639	0	13.59	1.93	0	3260.44	3627.64	0
08639	0	11.01	2.03	0	0	0	3111.94
08640	0	8.08	2.01	0	862.62	1405.11	931.02

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08640	0	8.61	1.94	0	0	485.35	1554.43
08640	0	7.83	1.65	0	0	0	5814.48
08640	0	12.88	1.85	0	218.57	556.81	1650.43
08640	0	11.24	1.57	0	970.94	1609.53	1176.75
08640	0	9.31	2.04	0	0	161.62	1847.5
08640	0	11.2	2.43	0	3965.06	3822.91	0
08640	0	8.93	2.49	0	3649.97	3679.05	0
08640	0	10.73	2.05	0	0	0	4751.75
08640	0	14.45	1.71	3.59	2924.16	3017.73	0
08641	0	8.9	1.78	0	1464.39	1898.8	0
08641	0	11.1	2.1	0	2966.5	3271.57	0
08641	0	7.5	1.97	0	2252.01	2722.37	0
08641	0	8.15	2.17	0	1220.33	1744.4	0
08641	0	11.15	2.77	0	1011.51	1506.94	0
08641	0	8.62	2.3	0	10231	9679.75	0
08641	0	8.68	2.2	0	2266.07	3054.76	0
08641	0	12.1	2.97	7.17	1606.02	1556.66	0
08641	0	9.02	2.33	0	1189.15	1652.99	416.62
08641	0	11.11	1.72	0	2403.99	3206.86	0
08642	0	10.8	2.01	0	2684.01	2976.98	0
08642	0	10.87	1.94	0	4048.48	4075.59	0
08642	0	9.9	1.56	4.22	4910.69	4803.46	0
08642	0	12.44	1.88	0	0	0	2619.4
08642	0	7.96	2.31	0	1006.31	1586.14	0
08642	0	7.52	1.57	0	563.77	1317.65	466.97
08642	0	10.82	1.75	0	4140.47	4158.06	0
08642	0	8.84	1.9	0	447.76	889.99	0
08642	0	7.78	1.84	0	139.88	1041.22	1323.91
08642	0	7.34	1.99	0	2149.57	2300.5	0
04566	0	14.92	2.79	2.67	1440.38	1558.61	1596.05
04566	0	14.22	1.84	0	2432.46	2751.19	0
04566	0	13.06	2.54	0	1346.09	1772.47	2391.78
04566	0	16.87	2.19	0	948.06	1212.88	1048.07
04566	0	13.96	1.62	0	560.82	719.51	1857.4
04566	0	10.52	2.02	0	2955	2978.38	0
04566	0	14.07	1.55	5.92	1345.17	1705.61	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04566	0	14.63	2.15	0	4762.74	4660.89	0
04566	0	10.42	1.73	0	3183.48	2972.82	0
04566	0	12.82	1.23	0	3766.13	3833.97	0
08643	0	10.51	2.33	3.41	0	0	2791.87
08643	0	8.67	1.75	0	2165.62	2948.4	0
08643	0	11.7	2.02	0	0	0	3092.61
08643	0	11.12	1.56	0	4237.79	4458.66	0
08643	0	8.13	2.21	0	2116.09	2486.1	0
08643	0	10.7	1.64	0	0	246.36	4034.04
08643	0	9.55	1.25	0	1498.06	2276.23	0
08643	0	6.7	1.04	0	3371.03	3806.89	0
08643	0	7.85	1.79	0	4826.24	4951.56	0
08643	0	9.52	2.16	0	2199.97	2453.63	0
08644	0	11.94	2.38	0	4283.25	4321.12	0
08644	0	11.23	1.8	0	0	0	3280.69
08644	0	14.1	2.07	0	0	0	6162.46
08644	0	12.91	2.02	7.88	1393.42	2140.48	502.42
08644	0	14.87	1.48	0	1218.9	1632.5	0
08644	0	11.71	1.8	0	0	0	4447.39
08644	0	14.33	2.41	5.47	4736.63	4827.45	0
08644	0	12.5	2.11	0	2092.62	2665.8	0
08644	0	13.59	2.04	0	1912.8	2720.7	361.91
08644	0	13.84	1.88	0	0	673.97	2264.77
04567	0	15.15	2.91	0	0	134.97	5444
04567	0	17.91	2.54	3.38	3383.68	3580.12	0
04567	0	14.16	2.16	0	1965.9	2269.28	0
04567	0	14.28	2.44	0	1180.67	1397.74	1342
04567	0	15	2.73	0	329.28	894.48	3140.03
04567	0	15.91	2.52	0	0	0	4046.66
04567	0	12.78	2.24	0	3216.78	3146.45	0
04567	0	17.88	2.04	0	4529.43	4504.15	0
04567	0	16.36	1.38	0	2412.29	2687.3	0
04567	0	15.77	2.73	0	0	0	5406.9
08507	0	16.35	2.16	2.77	1466.68	1747.46	1017.87
08507	0	15.47	2.24	0	1242.94	2242.99	2666.67
08507	0	15.57	2.11	0	894.28	956.18	2133.88

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
08507	0	15.01	2.92	0	0	48.58	4157.56
08507	0	15.68	2.54	0	292.47	946.46	3343.31
08507	0	9.28	1.63	0	1102.74	1299.2	1423.71
08507	0	14.69	1.75	8.92	627.83	992.11	2894.27
08507	0	16.71	2.83	0	2581.63	2240.38	463.68
08507	0	17.44	2.34	0	2932.98	2952.04	0
08507	0	13.39	2.46	0	53.44	348.16	4033.44
08508	0	12.95	1.33	0	1658.52	2306.08	0
08508	0	8.65	2.23	0	0	0	4239.65
08508	0	10.74	2.23	0	1783.17	2124.74	563.34
08508	0	13.8	2.76	0	2033.52	2370.5	0
08508	0	12.11	2.06	0	1575.69	1237.41	0
08508	0	12.39	1.57	0	1777.72	1923.14	0
08508	0	13.61	1	0	794.14	1375.29	1977.87
08508	0	11.46	1.96	0	3668.16	3694.4	0
08508	0	11.64	3.08	0	1184.22	1485.23	1136.27
08508	0	10.35	2.1	0	823.26	1390.92	1895.7
08509	0	8.56	1.79	0	3196.72	3468.45	0
08509	0	7.72	1.55	0	0	0	7842.61
08509	0	11.06	1.46	0	1516.28	1896.42	0
08509	0	7.99	1.76	0	376.57	987.13	876.23
08509	0	8.78	1.82	0	1927.86	2110.49	0
08509	0	8.74	1.54	0	2919.45	3103.92	0
08509	0	8.83	1.92	0	273.13	698.48	642.57
08509	0	9.32	1.37	0	0	0	7185.15
08509	0	8.01	1.7	0	759.77	1139.86	438.07
08509	0	10.14	1.34	0	1217.14	1888.11	0
04568	0	11.85	1.71	0	506.59	730.74	663.2
04568	0	8.01	1.89	0	2211.38	2362.92	0
04568	0	9.52	2.04	0	2403.54	2619.56	0
04568	0	7.81	1.46	1.61	0	0	4253.42
04568	0	10.39	1.72	0	2158.21	2224.99	0
04568	0	7.6	2	0	0	0	3985.23
04568	0	8.84	1.77	22.3	2221.33	2596.54	0
04568	0	10.2	1.59	2.81	220.74	724.94	1099.35
04568	0	10.9	1.75	0	2918.65	3225.09	0

FC11-03 Pulp Sample #	Ag	Nb	Y	Bi	Cr	V	Ti
04568	0	10.74	1.56	14.15	5644.22	5248.05	0
04569	0	11.7	1.15	0	4080.89	4539.3	0
04569	0	9.68	1.61	0	2811.8	3499.9	0
04569	0	10.18	1.76	0	4102.92	4275.51	0
04569	0	9.21	1.24	0	0	42.94	3153.03
04569	0	13.61	2.02	0	21.67	560.3	2199.95
04569	0	16.3	1.83	0	2677.69	2441.88	0
04569	0	12.36	1.74	19.39	312.39	590.62	1816.93
04569	0	9.4	2.59	0	2846.07	3074.07	0
04569	0	6.98	1.92	0	3713.07	3514.2	0
04569	0	9.28	2.12	0	626.52	1293.87	1095.34
08510	0	10.02	1.06	0	3955.44	4364.76	0
08510	0	8.64	1.63	0	3526.33	3647.9	0
08510	0	13.39	1.55	0	1350.25	1685.99	287.71
08510	0	13.99	1.87	0	0	0	4242.01
08510	0	15.23	1.46	0	0	0	4286.39
08510	0	13.24	1.72	0	13.72	1076.89	3819
08510	0	10.57	1.75	0	3728.33	3983.11	0
08510	0	14.08	1.88	0	573.55	1033.3	988.94
08510	0	11.34	1.87	0	4215.3	4307.09	0
08510	0	9.85	2.14	0	913.33	1720.93	2222.02
08511	0	7.24	1.85	0	1218.26	1946.13	0
08511	0	5.8	2.28	0	0	0	2444.94
08511	0	8.07	1.76	0	1240.16	1703.29	0
08511	0	5.84	1.98	0	4765.4	5057.6	0
08511	0	7.12	1.47	0	1090.56	1382.06	0
08511	0	5.28	1.68	0	802.9	1106.39	0
08511	0	4.18	1.25	15.76	3750.93	3790.65	0
08511	0	6.9	1.59	0	0	0	2612.71
08511	0	5.3	2.04	0	71.07	628.23	0
08511	0	6.82	1.74	0	850.92	1040.6	0

APPENDIX 8

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Appendix 9

Statement of Qualifications

Statement of Qualifications:

I Louis E. Doyle, President/CEO/Prospector have 19 years experience managing exploration programs in the Cariboo Mining District of British Columbia, Canada.

APPENDIX 10

Statement of Expenditures

Barker Minerals Ltd.

Work was completed between August 1, 2011 to September 30, 2012

Diamond Drilling & Physical Work
from the Providence Target on the Black Bear Property.

Geological -

Planning, managing all exploration related work in 2011 - 2012 including XRF analysis and report writing

Louis Doyle -

140 days @ $500.00/day wages	$	70,000.00
140 days @ $125.00/day room & board	$	17,500.00
103 days @ $125.000/day vehicle	$	12,875.00
	$	**100,375.00**

Black Bear Property

Drilling

Bethany Jacobson - Geologist

21.5 days @ $315.00/day wages	$	6,772.50
21.5 days @ $125.00/day room & board	$	2,687.50

Jack Logan - Core splitting

17 days @ $315.00/day wages	$	5,355.00
17 days @ $125.00/day room & board	$	2,125.00

Jack Logan - Geologist, core teching and core splitting

28.5 days @ $400.00/day wages	$	11,400.00
28.5 days @ $125.00/day room & board	$	3,562.50
20 days @ $125.00/day vehicle	$	2,500.00

Aaron Doyle - ACD Contracting Ltd. - Head Driller

7 days @ $600.00/day wages	$	4,200.00
7 days @ $125.00/day room & board	$	875.00
7 days @ $125.00/day vehicle	$	875.00

Curtis Best - Drill Helper

7 days @ $125.00/day room & board	$	875.00
7 days @ $125.00/day vehicle	$	875.00

Aaron Doyle - ACD Contracting Ltd. - Drill Foreman

85 days @ $600.00/day wages	$	51,000.00

	85 days @ $125.00/day room & board		$ 10,625.00
	85 days @ $125.00/day vehicle		$ 10,625.00
Curtis Best - Head Driller			
	81 days @ $125.00/day room & board		$ 10,125.00
	81 days @ $125.00/day vehicle		$ 10,125.00
Dean Best - Drill Helper			
	77 days @ $125.00/day room & board		$ 9,625.00
Drill Charges			
Machine hours (includes driller & helper)		80 days x $2,400	$ 192,000.00
Metre charge		750 x $35/m	$ 26,250.00
Physical -			
Drill moves, drill pad preparation, road maintenance and road upgrades			
	CAT 320	36 days (360 hours) x $125.00/hour	$ 45,000.00
	Operator	36 days (40 hours) x $50.00/hour	$ 2,000.00
	Swamper	36 days x (40 hours) $15.00/hour	$ 600.00
		72 days @ $125.00/day room & board	$ 9,000.00
		36 days @ $125.00/day vehicle	$ 4,500.00
Snow clearing			
	JD Dozer	10 days (100 hours) x $200/hour	$ 20,000.00
	Operator	10 days (100 hours) x $50/hour	$ 5,000.00
	Swamper	10 days (100 hours) x $15/hour	$ 1,500.00
		20 days @ $125.00/day room & board	$ 2,500.00
		10 days @ $125.00/day vehicle	$ 1,250.00
			$ 453,827.50
Exploration expenditures			
Misc. expenses - (ie: Low-bedding, shipping, bulk fuel, mobe & demobe)			$ 18,765.31
Supplies- Drilling, camp, exploration related			$ 17,494.83
Repairs & Maintenance			$ 636.95
Gas & food expenses			$ 7,384.84
XRF Rental			
	7 months @ $5,000/month		$ 35,000.00

Quad rental			
	90 days @ $100.00/day	$	9,000.00
Hand held communications (Hand held radios)			
	2 x 92 x $25.00/day	$	4,600.00
Satelite phone			
	92 days @ $25.00/day	$	2,300.00
HST paid for contractors		$	18,516.00
	Total misc. expenditures	**$**	**113,697.93**
Geochemical			
	Assays	$	25,582.92
	Total geochemical expenditures	**$**	**25,582.92**
Total Expenditures		**$**	**693,483.35**