# 2011 ASSESSMENT REPORT ON THE HY-JAY CLAIMS

*HY CLAIMS*
*1 – 8 (YB87384 – YB87391); 25 – 36 (YB87408 – YB87419); 38 (YB87421);*
*49 – 75 (YB87432 – YB87458)*

*JAY CLAIMS*
*1-72 (YD24801---YD24872); 81-140 (YD24881 - YD24886, YD25887-YD25940);*
*193 – 202 (YD25993-YD26002) & 250-258 (YD25851---YD25858)*

1:250,000-scale Francis Lake Map Sheet (105H)

1:50,000-scale NTS Map Sheet 105H/15

Latitude 61° 55’ N Longitude 128° 35’ W

UTM (NAD83, Zone 9N) E 521870 N 6864955

Watson Lake Mining District

Work performed: July 8 - 24, 2011

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March 15, 2012

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# 1.0 EXECUTIVE SUMMARY

Bearing Resources Ltd. holds a 100% interest, and in the HY-JAY property in the Hyland Gold district of Yukon Territory, subject to a Net Smelter Return (NSR) royalty on the HY claims. The property covers approximately 4135 hectares, and is located 200km north of Watson Lake.

The HY-JAY Property is underlain by Hyland Group clastic strata of Ancestral North America. The March Fault is a major regional structure that runs just east of the property, and has related splays within the property. A stratigraphic and structural geology study of the property prepared by consultant Simon Craggs is presented as an appendix.

The HY-JAY project is considered prospective for discovery of several types of mineral targets, with gold the primary commodity of interest. The 3 Ace and similar deposits (FER, Sprogge) located to the south are the main target.

A program of geological mapping, prospecting, airborne magnetic and radiometric survey, soil and silt geochemistry in 2011, funded in part by the Yukon Mining Incentive Program (YMIP) was successful in confirming the potential of the property to host gold mineralization.

# 2.0 INTRODUCTION

This report is prepared for Bearing Resources Ltd. (Bearing) to fulfill the requirements of claim assessment. This report documents the historic and recent exploration work completed on the HY-JAY Property in the Hyland region of eastern Yukon. The HY-JAY Property is considered an early stage exploration property.

## 2.1 Qualified Person and Participating Personnel

Mr. William D. Mann, P.Geo. was commissioned by Bearing Resources Ltd. of Vancouver, British Columbia to examine and evaluate the geology and mineral potential on the HY-JAY Project (consisting of the HY 1 to 8, 25 to 36, 38, 49 to 75 and JAY 1 to 72, 81 to 140, 193 to 202 & 251 to 258 claims) and to make recommendations for the next phase of exploration work on the property. The report is based on historical information, a review of recent exploration in the area, and work conducted on the property by the author during September 12 – 16, 2010 and July 8 - 24, 2011. The author was accompanied on the property by Mr. David Tupper, VP Exploration of Bearing, Mr. Simon Craggs, structural geology consultant, Mr. Sandro Frizzi, geologist, Mr. Matt Little, prospector, Mr. Max Mikhailytchev, prospector, Mr. Graeme Buckler, senior field assistant, Mr. Chris Schuh, field assistant, and Mr. Taylor Philley, field assistant.

## 2.2 Terms, Definitions and Units

- All costs contained in this report are denominated in Canadian dollars.
- Distances are reported in metres (m) and kilometres (km).
- GPS refers to global positioning system with co-ordinates reported in UTM grid, Zone 9N, NAD 83 projection.
- Minfile showing refers to documented mineral occurrences on file with the Yukon Geological Survey.
- DDH refers to diamond drill hole.
- The term ppm refers to parts per million, which is equivalent to grams per metric tonne (g/t) and ppb refers to parts per billion.
- The abbreviation oz/ton and oz/t refers to troy ounces per imperial short ton. The symbol % refers to weight percent unless otherwise stated.
- Elemental abbreviations used in this report include: gold (Au), silver (Ag), molybdenum (Mo), antimony (Sb), iron (Fe), arsenic (As), lead (Pb) and bismuth (Bi). Minerals found on the property include arsenopyrite, pyrite, galena, limonite, hematite and goethite.
- The term “ma” refers to million years and “ka” to thousand years.

## 2.3 Source Documents

Sources of information are detailed below and include available public domain information and private company data.

- Research of the Yukon Minfile data available for the area at http://servlet.gov.yk.ca/ygsmin/index.do .
- Research of mineral titles and annual assessment reports filed with the government at http://www.yukonminingrecorder.ca .
- Review of geological maps and reports completed by the Yukon Geological Survey or its predecessors, mostly available in digital format at: http://www.geology.gov.yk.ca
- Review of published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- The author has previous independent experience and knowledge of the area from exploration and mining work between 1987 and the present.
- Work on the property by the author during September, 2010 and July, 2011.

## 2.4 Limitations, Restrictions and Assumptions

The author has assumed that the previous documented work in the region is valid and has not encountered any information to discredit such work.

## 2.5 Scope

This report describes the geology, previous exploration history and mineral potential of the HY-JAY Project. Research included a review of the historical work that related to the immediate and surrounding area of the property. Regional geological data and current exploration information have been reviewed to determine the geological setting of the mineralization and to obtain an indication of the level of industry activity in the area.

The property was examined and evaluated by the author on September 12 – 16, 2010 and July 8 - 24, 2011, for Bearing Resources Ltd. (and its predecessor Valley High Ventures). Work consisted of geological and geochemical sampling and evaluation.

Based on the literature review and property examination, recommendations are made for the next phase of exploration work.

The HY-JAY Property is located some 200 kilometers north of Watson Lake, Yukon and lies some 370 kilometers east of the city of Whitehorse, Yukon. The property lies within the Watson Lake Mining District, and comprises 198 mineral claims which lie adjacent to the east of the Reef- Bloom- Jay property of Precipitate Resources, near the northern border of the 3 Ace property of Northern Tiger Resources Ltd.

# 3.0 RELIANCE ON OTHER EXPERTS

The author has relied in part upon work and reports completed by others within the Hyland Gold

District in the preparation of this report. Thorough checks to confirm the results of such work and reports have not been done. The author has no reason to doubt the correctness of such work and reports. Unless otherwise stated the author has not independently confirmed the accuracy of the data.

This report is based primarily upon government geological maps and the airborne total field magnetic survey flown in 2011. There is limited published data. Reports filed with the Yukon Government comprise assessment reports and government geological reports. All reports have been identified throughout the text. Most of the reports used for the purpose of this filing do not meet the standards relating to National Instrument 43-101.

Further, while title documents and option agreements were reviewed for this study, this report does not constitute nor is it intended to represent a legal, or any other, opinion as to the validity of the title.

# 4.0 PROPERTY DESCRIPTION AND LOCATION

## 4.1 Location

The HY-JAY property is located on NTS map sheets 105H/15 in the Logan Mountains of Yukon Territory, Canada. The easternmost edge of the property extends a few hundred metres onto map sheet 105H/16. The property covers moderately mountainous ground within the Hyland River drainage, which flows southwest into the Liard River, then eastwards to join the Mackenzie River in the Northwest Territories.

The property is geographically centered at 61°55’ N and 128°40’ W or UTM 6866000 N and 520000 E (NAD 83, Zone 9N)(Figs. 1, 2). The HY-JAY property is located about 8km southwest of the Yukon – Northwest Territories border, roughly 200 km north of Watson Lake and 370 km east of Whitehorse.

## 4.2 Land Tenure

The HY-JAY property consists of 198 Yukon Quartz Mining claims covering an area of approximately 4,135 hectares in the Watson Lake Mining District (Figs. 2, 3).

The mineral claims were located by GPS and compass and staked in accordance with the Yukon Quartz Mining Act on claim sheets 105H/15, available for viewing in the Watson Lake Mining Recorder’s Office. Several sets of claim posts were observed by the author on the property, and they all appeared to meet the requirements of the Act. Claim boundaries have not been legally surveyed. A table summarizing pertinent claim data follows and a detailed statement of claims is shown in Appendix I.

TABLE 1: CLAIM DATA

| Claim Name | Grant No. | No. of Claims | Record Date | Expiry Date |
|---|---|---|---|---|
| JAY 1 - 72 | YD24801 - YD24872 | 72 | 2010-09-15 | 2016-03-15 |
| JAY 81 - 86 | YD24881 - YD24886 | 6 | 2010-09-15 | 2016-03-15 |
| JAY 87 - 140 | YD25887 - YD25940 | 54 | 2010-10-22 | 2016-04-22 |
| JAY 193 - 202 | YD25993 - YD26002 | 10 | 2010-10-22 | 2016-04-22 |
| JAY 251 - 258 | YD25851 - YD25858 | 8 | 2010-10-22 | 2016-04-22 |
| HY 1 - 8 | YB87384 - YB87391 | 8 | 1996-09-17 | 2017-03-17 |
| HY 25 - 36 | YB87408 - YB87419 | 12 | 1996-09-17 | 2017-03-17 |
| HY 38 | YB87421 | 1 | 1996-09-17 | 2017-03-17 |
| HY 49 - 75 | YB87432 - YB87458 | 27 | 1996-09-17 | 2017-03-17 |
| **Total** | | **198** | | |

The HY claims were staked in September, 1996, and are registered in the name of Bearing Resources Ltd. The HY claims are under option to earn 100% from Phelps Dodge Corp., subject to a NSR. The JAY claims were staked in September and October, 2010, and are registered in the name of the Bearing Resources Ltd. Additional JAY claims not covered in this report (Jay 73-80, 141- 192, 203- 250) were also staked to the south and east, and were subsequently optioned to Precipitate Resources. The expiry dates shown in Table 1 are subject to acceptance of this assessment report for 2011 work completed by Bearing.

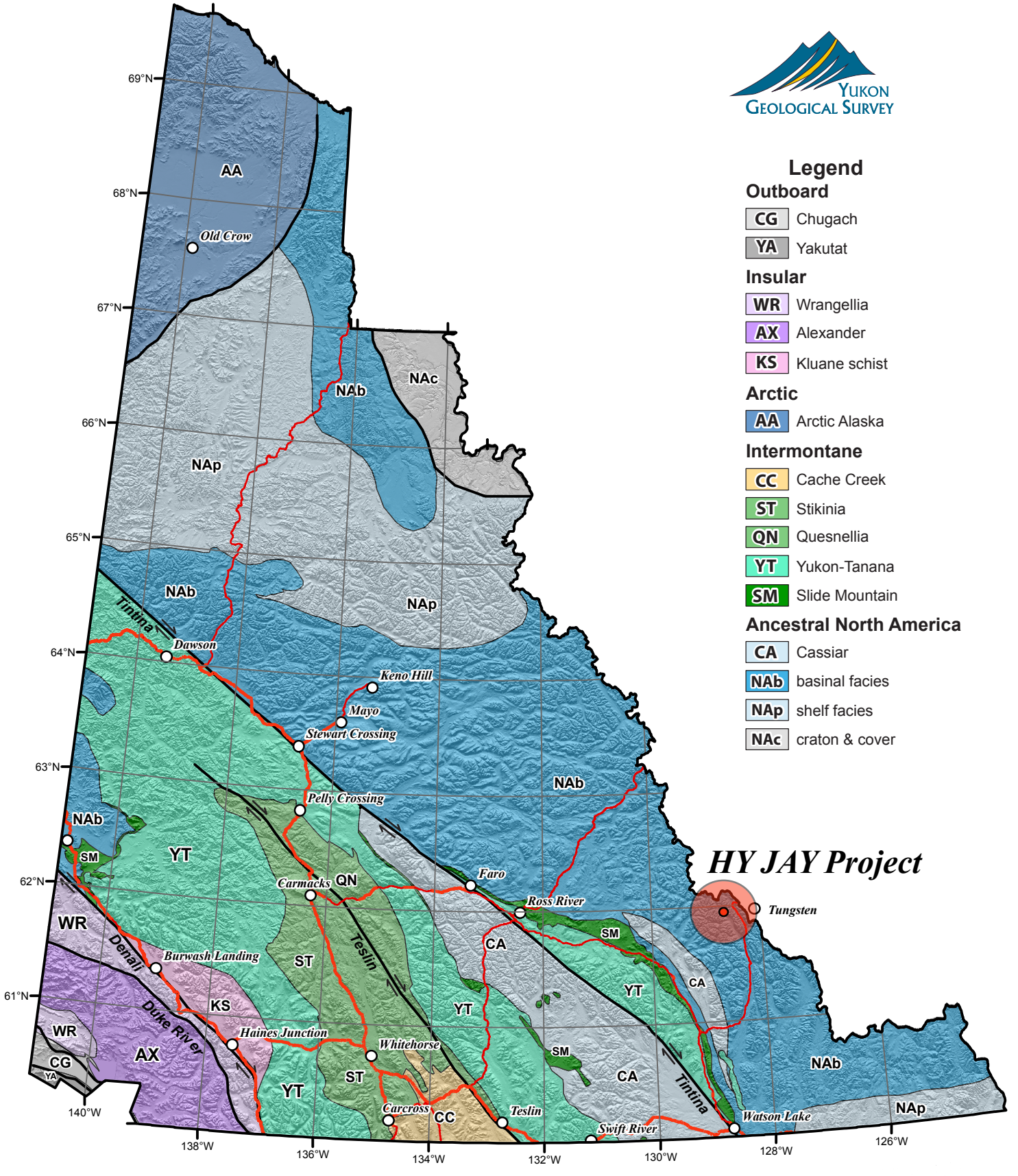
First Nations have not settled their land claims in the area. The property lies entirely within the traditional territory of the Kaska Dena Nation (Ross River and Liard), based in Ross River and Watson Lake. The nearest First Nations interim protected land lies about 60km south along the Nahanni Range road (block LFN R-131B) and about 70km to the west (RRDC R-7A). The land in which the mineral claims are situated is Crown Land and the mineral claims fall under the jurisdiction of the Yukon Government. Surface rights would have to be obtained from the government if the property were to go into development.

A mineral claim holder is required to perform assessment work and is required to document this work to maintain the title as outlined in the regulations of the Yukon Quartz Mining Act. The amount of work required is equivalent to $100.00 of assessment work per quartz claim unit per year. Alternatively, the claim holder may pay the equivalent amount per claim unit per year to the Yukon Government as “Pay in Lieu” to maintain title to the claims. The JAY claims were due to expire in September, 2011, however filing of work performed in 2011 has extended the expiry date for all claims by four and a half years. Five years of assessment credit has been applied to the HY claims.

Preliminary exploration activities do not require permitting, but significant drilling, trenching, blasting, cut lines, and excavating may require a Mining Land Use Permit that must be approved under the Yukon Environmental Socioeconomic Assessment Act (YESSA). To the author's knowledge, the HY-JAY Project area is not subject to any environmental liability.

A summary of major regional mineral tenures, with a geological base is presented in figure 2.

fig. 1




HY JAY Project Assessment Report
Figure 1: HY JAY Project Location

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Map modfied by G Buckler
March 1st 2012

# 5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

## 5.1 Access, Local Resources and Infrastructure

The HY-JAY Property is situated in the Logan Mountains, approximately 180 kilometres north of Watson Lake in the southeastern Yukon (Fig. 1). The property is located about 5 kilometres west of the Nahanni Range Road, which runs north from the Robert Campbell Highway in the Yukon to Tungsten, Northwest Territories. The Nahanni Range Road is maintained year round to provide access to the Cantung mine. The centre of the property is approximately 61º 55' North latitude, 128º 35' West longitude. The property lies several kilometres from the border of the Northwest Territories, on the north side of the Hyland River valley. Access to the property was gained by charter helicopter, mobilizing from a pullout on the Nahanni Range Road some 5 kilometres to the east.

Watson Lake can provide personnel and services for re-supply of a camp in this area. Some specialty supplies like technical tools and professional personnel are obtained from Whitehorse, some 450km west along the Alaska Highway.

## 5.2 Climate and Physiography

The area lies within the Ogilvie- Mackenzie Mountains climatic zone characterized by a wide temperature range with warm summers, long cold winters and the highest annual Yukon precipitation values outside the Pacific Maritime Ecozone. The mean annual temperature is about -4°C, with a January mean around -20°C and a July mean around +10°C. Annual precipitation averages about 600 to 700 millimetres, with highest precipitation in July and August. The exploration season lasts from late May until late September.

The property lies between the Hyland River to the west and the Little Hyland River to the east, and is drained by a network of creeks that are tributaries to these rivers. The Hyland River flows south to join the Liard River, which flows generally eastward to join the Mackenzie River, which flows northward into the Beaufort Sea.

The HY-JAY property lies within the Selwyn Mountains Ecoregion of the Taiga Cordillera Ecozone (Smith et.al., 2004). The area was affected by the late Pleistocene Cordilleran and Montane glaciation (ca. 22 ka). The generalized ice flow direction in the property area was southerly. Cirques are common landforms on the property.

The property is underlain by extensive discontinuous permafrost. Elevations on the property range from approximately 1200 metres to 2048 metres. Vegetation is alpine and subalpine, with forested valleys and lower slopes. Sub-alpine fir is common near treeline at about 1400 metres, with black spruce forest extending into the valleys.

# 6.0 HISTORY

The property lies proximal to the Nahanni Range road, which was developed in the late 1960s to provide access to the Cantung tungsten (copper-gold) mine. Little exploration is known in the area prior to the discovery of Cantung, and the search for deposits similar to Cantung was the focus of the initial exploration of the area.

There is one Yukon Minfile occurrence that extends to cover parts of the HY-JAY property (105H 102 FER). Several other minfile occurrences are located within ten or twenty kilometres of the property (see section 15.0 Adjacent Properties).

1954 - The Hyland Gold deposit (minfile 095D 011) was discovered about 150km to the south of the property. Hyland Group rocks host gold-arsenic mineralization. Initial discovery of copper skarn mineralization in the Flat River area, NWT (Cantung area).

1959 – Drill discovery of tungsten mineralization at Cantung.

1961 – airborne magnetics survey covers map sheet 105H.

1962 – Cantung mine enters production.

1965 – regional geological mapping by Geological Survey of Canada, including 105H/15 (Blusson).

1973 – the Hyland Joint Venture restakes Hyland Gold and drills 8 holes.

1989 – regional geochemical survey of map sheet 105H conducted by Geological Survey of Canada (Hornbrook & Friske).

1990 - the potential for oxide bulk tonnage gold mineralization was recognized at Hyland Gold. This is the first significant gold discovery in the general area. A rotary drill program was conducted.

1996 - The HY claims (Minfile #105H102) were staked by Phelps Dodge Corporation of Canada Ltd., after a regional silt sampling program returned anomalous gold in silts from creeks draining the property and anomalous gold values in rocks. The FER claims were staked on arsenic-gold silt anomalies from the Regional Geochemical Database by Westmin Resources (Jones & Caulfield, 2000).

Subsequent work by Phelps Dodge and others defined two anomalous gold trends at HY in rock and soils, named the West Gold Zone and East Gold Zones (Fox & Cameron, 1997). The West Gold Zone is a linear zone of anomalous gold in soil and rock that extends approximately 1250 m. The best soil values are in the 500 ppb range with rock samples returning up to 8.74 g/t Au. The East Gold Zone measures 500 m in length and hosts Au values in soils to 1259 ppb Au and

also reported 37.6 g/t Au in rocks. Arsenic values are elevated in the East zone but not the West zone.

1997 – Hudson Bay Exploration & Development staked the Road area (now 3 Ace) and did considerable work. Hemlo Gold Mines discovered gold mineralization immediately east of Road at the Sugar Bowl (Sprogge) property.

1998 – Alex McMillan restaked the Road/HIT claims as 3 Ace. Optioned them to Hudson Bay.

1999 – Hudson Bay drilled 4 holes at 3 Ace.

2000 - A program of mapping and sampling was completed on the HY claims by Equity Engineering Ltd. on behalf of Athlone Minerals Ltd., who held the property under option from Phelps Dodge. The focus of that program was to extend the soil and rock anomalies in the East and West Gold Zones to the northwest into the adjoining cirque (Harris, 2000).

2005 –three short diamond drill holes at HY were drilled by Dentonia Resources (Doherty, 2005). Mineralized structures were intersected, but widths and grades were low.

2010 – The 3Ace property of Alex McMillan was optioned by Northern Tiger. The discovery of spectacular visible gold in surface quartz veins by McMillan sparked a renewed phase of exploration in the northern Hyland Gold camp. The JAY claims were staked by Valley High Ventures, predecessor to Bearing Resources.

Placer mining exploration has been conducted sporadically in the area, with little success, however the presence of placer gold in a stream located about 3km east of the property led to the discovery of the Golden Culvert property, held by competitor Stakeholder Gold Corp. Placer claims are currently in good standing on this un-named creek, with a surveyed placer base line.

## 7.0 GEOLOGICAL SETTING AND MINERALIZATION

The HY-JAY property overlies a map sheet that was mapped geologically in the mid 1960s (Blusson, 1966), with limited mapping since that time. This report presents new property and area mapping conducted by consultant Simon Craggs on behalf of Bearing Resources and Precipitate Resources (fig. 4). This study summarizes the regional geology and focuses on the stratigraphy and structure of the JAY property and the nearby area, and is presented in Appendix 5. The current mapping benefits from an airborne magnetic and radiometric survey flown in 2011 (Appendix 6).

The property is underlain by the eastern extent of the Selwyn Basin and Selwyn Fold Belt of Ancestral North America (fig. 1). The general geology of the area is presented in figure 2,

derived from the Yukon digital map (Gordey & Makepeace, 1999). The current mapping benefits from an airborne magnetic and radiometric survey flown in 2011.

The area is underlain by the Yusezyu Formation of the Neoproterozoic to lowest Cambrian Hyland Group clastic sediments (Hart and Lewis, 2006). The property lies west of the March Fault, within the Little Owls Anticlinorium (Gordey and Anderson, 1993) described as a broad northwest trending anticlinorium, generally following the trend of the Hyland River. It hosts gold mineralization from south to north at the Sun-Sprogge, 3 Aces, Hit, Hat, Fer, Hy, and Horn properties over a 50 kilometre northwest trend.

Craggs describes the HY-JAY area structure as the result of a protracted deformation history that progressed from high-level thrusting into brittle-ductile faulting and associated folding (Appendix 5). The area forms part of a faulted, south east plunging homocline system. Prior to homocline growth, the region experienced a regime of E – NE directed thrusting with associated $S_1$ fabric development and minor isoclinal folding. $S_2$ fabric development and associated SE-verging, open folding occurred during the early stages of homocline growth, and was subsequently displaced by regionally widespread, N-S-striking dextral strike-slip faults and subsidiary structures. Mineralization likely occurred coevally with or shortly after the brittle deformation event.

Abundant displacement zones were identified within the central area of the HY-JAY property. An apparent change between overall extension and contraction, E-W occurs across the property, between the Reef and HY properties. This may be due to the 1$^{st}$ order linear structure following the N-S trending creek valley that divides the property and may control stress distribution. Major N-S trending faults are dominantly strike-slip, while 2nd and 3rd order faults have more steeply inclined movement and are likely to have experienced fault dilation, with associated gold mineralization.

## 7.1 Property Geology

The HY-JAY property stratigraphy and structural geology is described in detail in Appendix 5, and has also been partly described by earlier workers on both the FER and HY properties, which report some work beyond the core of those properties in areas that are now part of the JAY property (Doherty, 2005; Harris, 2000; Jones, 2000; Gale, 1997; Fox &Cameron, 1997).

Figure 4 is extracted from the report in Appendix 5, and shows the property geology. The property is underlain by quartzites with minor grits, and shale, limestone and phyllite of the Yusezyu Formation of the Hyland Group. Quartzites are resistant and siltstone-shale-phyllite is recessive weathering. The rocks are isoclinally folded and where competent quartzite beds are folded they frequently have slickensided fault surfaces in contact with the surrounding shale-phyllite. The faulted contacts locally host ribboned quartz veins that carry anomalous gold. Rare limestone cobble debris flow is present in the north-central part of the property.

Mineralization at the HY-JAY property and nearby consists of four types: 1) disseminated pyrite and arsenopyrite in altered grit; 2) quartz-arsenopyrite veins; 3) quartz-pyrite-galena veins; and, 4) massive arsenopyrite veins.

## 7.2 Quaternary Geology

The HY-JAY project area was affected by the late Pleistocene (ca. 22 ka) Cordilleran and Montane glaciation (Duk-Rodkin, 1999). The generalized ice flow direction in the property area was southerly. Cirques are common on higher peaks on the property, with bedrock and felsenmeer common. Colluvium is locally present. Valleys are mostly covered by morainal till and outwash with minor kames and drumlins.

# 8.0 DEPOSIT TYPES

Exploration on the HY-JAY Property is not sufficiently advanced to assign specific deposit types to the property. Potential is thought to exist on the property for several types of deposit.

The Orogenic gold deposit model has been proposed in the HY-JAY area (Hart & Lewis, 2006). The proximity to a major regional fault, the March fault, and auriferous quartz veins with an orogenic character, along with an absence of intrusive-related characteristics are evidence for an orogenic nature.

The HY-JAY property lies near the southeastern dog-leg of the Tombstone intrusive belt, which is known for intrusive-related gold and silver deposits. This model was proposed for the FER deposit area, adjacent to HY-JAY (Jones & Caulfield, 2000). The model was based on proximity to Tombstone aged intrusions not far to the east, and magnetic low anomalies that underlie the area. The lack of hornfels, skarn, dykes or intrusions in the area mean the gold must be distal to the intrusive, with the Telfer gold deposit in Australia as a model.

A regional evaluation of mineral potential was conducted for the Yukon, and the geological domain that includes the HY-JAY property was considered to have "***higher relative potential***" to host Carlin type gold deposits, the highest ranking in the study (Bradshaw & Van Randen, 2004).

Cantung type tungsten(-gold-copper) skarn deposits are found 20km to the east at Cantung and 10km to the west at the Carbide occurrence, however there are no known intrusive rocks on the HY-JAY property, and limestone beds are thin and impure. Potential for tungsten is considered low on the HY-JAY property.

# 9.0 EXPLORATION

Exploration by Bearing Resources Ltd. since acquisition of the HY-JAY project in 2010 consists of geological and geochemical surveys conducted under the supervision of the author in September, 2010 and July 2011, and a detailed airborne magnetic and radiometric geophysical survey in May, 2011.

A major structural and stratigraphic study by consultant Simon Craggs is presented in Appendix 5 (fig. 4). The airborne geophysical survey conducted by CMG Airborne is presented in Appendix 6. The airborne survey was conducted in May, when there was remnant snow covering parts of the property. The survey was conducted on lines spaced 100m apart, with tie lines spaced 1000m apart. Remnant snow during the survey may have limited the effectiveness of the radiometric portion of the survey. The airborne survey report includes data from the VF property held by Bearing to the south, and also from the Reef property held by Precipitate Resources.

The airborne results as interpreted by a CMG geologist are included in Appendix 6, with graphical presentations in figures 35 and 36 in that report. Major faults are indicated (major N-S trending major faults that match those of Craggs) as well as some geological contacts and other radiometric features.

Work was conducted from a base camp on the HY property, with some traverses conducted by foot from camp, or helicopter setouts and pickups. A helicopter on contract to Northern Tiger at their 3 Ace camp was used on a casual basis by Bearing during the 2011 program.

Soil samples were collected on a 100m by 50m grid that extended south from a pre-existing soil grid on the HY property (Harris, 2000, figs. 5a - 5d) onto the JAY claims, as well as soils collected on contours to provide broad coverage of the property. A few soils were collected at specific sites proximal to mineralized rocks, or otherwise considered favourable (fig. 5).

Soil samples were generally collected using the deep auger technique, with a few collected by mattock. A dutch soil auger was used to dig as deeply as possible, with the objective to have the sample represent the local bedrock as much as possible. This method penetrates layers of organics, volcanic ash and loess which tend to dilute the bedrock geochemical signature. Soil development is generally weak on the property. The depth of sample collected during the program was typically between 25 and 70 cm. In some steep locations talus fines were collected. All samples were located and recorded by GPS in the field using UTM coordinates, NAD 83 datum, placed into kraft paper sample bags with a unique sample tag, numbered and secured in the field. Some grid soil samples were marked with the grid line and station instead of a sample number. Sample locations were marked in the field with flagging tape. In 2011 a total of 745 soil samples were collected, and 14 stream sediment samples. 46 soil samples collected in 2010 are also reported, though not claimed for assessment.

Silt samples were collected along one creek on the northeast side of the property instead of soils due to extremely dense stunted forest in the valley making travel through the bush difficult. Silt samples were located and recorded by GPS in the field using UTM coordinates, NAD 83 datum, placed into kraft paper sample bags with a unique sample tag, numbered and secured in the field. Sample locations were marked in the field with flagging tape.

Rock outcrop is common on the HY-JAY property, about 2% of the total area. There are also abundant boulders, talus, subcrop and felsenmeer above treeline. 82 rock samples were collected in 2011, mostly grab samples from subcrop or float rock, with a few measured chip sample (details presented in Appendix 2). 49 rock samples collected in 2010 are also reported, though not claimed for assessment. Samples were located and recorded by GPS in the field using UTM coordinates, NAD 83 datum, placed into poly ore bags with a unique sample tag, numbered and secured in the field. Sample locations were marked in the field with flagging tape.

Analysis of the samples collected in the 2011 HY-JAY exploration program indicates many areas with anomalous gold in soils, rocks and silts (Fig. 5). Work by the author (and others) in

the region has led to a general understanding that 10ppb gold in soil should be considered anomalous and 20ppb to be highly anomalous. 52 of the 745 samples returned greater than 20ppb gold, with the highest value 730 ppb. Several clusters of anomalous gold in soils are present in various parts of the property. The highest gold in silt value was 1000ppb, from the northeastern part of the property.

A series of rock samples at the East zone extended the zone in float both up and down the hill from the drillholes (samples 65378 – 65384). The quartz-arsenopyrite (scorodite) vein float appears to step northwestward up the hill in a possible *en echelon* pattern. The best value from this zone in 2011 was 2180ppb Au.

The ZigZag zone was discovered by prospecting in 2010, and confirmed in 2011. This zone returned the highest gold values on the HY-JAY property, with up to 47 g/t, 22 g/t and 19.9 g/t Au from grab samples of quartz-arsenopyrite-galena veins in boulders up to 50cm wide. This zone is also locally very high in silver, with up to 230g/t Ag, up to 3.17% Pb, and elevated values of Zn, Cd, Bi, Se. The ZigZag zone is about 500m in strike length, with an apparent NE-SW orientation. The soils in the area of this zone are not elevated in gold.

The West zone is of note because it has elevated gold with low arsenic. Visible gold has been noted in this area by previous workers, but was not observed in 2010 or 2011. Of particular interest is sample 19242 collected in 2010, which returned 2.84 g/t gold, only 15ppm As and silver below detection limit. The sample is of a white grit rock with minor limestone altered by texture-destructive silicification.

The highest gold value in rock beyond the three named zones was 926 ppb, from a quartz-arsenopyrite boulder on the JAY 118 claim in the north-central area of the property. The second highest value, 227 ppb Au was returned from a pyritic rock at the Jay 72 claim, just south of the HY property.

The work at HY-JAY indicates local highly anomalous gold in most parts of the property examined in 2011. Arsenic is the element most strongly correlated with gold in the 2011 sampling program at JAY. This is consistent with both the HY and Reef properties, as well as at 3 Ace and other properties in the Hyland gold camp. It is important to note the exception at the West zone of the HY property, where high gold values are not strongly correlated with arsenic.

Rock sample descriptions are presented in Appendix 2. Analytical procedures are presented in Appendix 3, and analytical certificates in Appendix 4. A spreadsheet with all analytical data and a digital version of this report is presented on a DVD, attached to the report.

# 10.0 DRILLING

The HY property has been tested by three short drillholes (Doherty, 2005). The holes intersected weakly mineralized structures. No drilling has been conducted on the JAY claims.

# 11.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

The 2011 samples were placed into rice bags in the field by the author, sealed and secured. The samples were delivered directly to the Whitehorse preparation facility of AGAT Laboratories by the author. AGAT Laboratories is accredited and certified to the International Organization for Standardization for ISO 9001 and ISO/IEC 17025 standards.

At the preparation facility samples were dried at 60°C. Soil samples were sieved to -80 mesh. Rocks were crushed to 90% minus 2mm, then a 250g split was pulverized to 85% minus 75um. The samples were then transported from Whitehorse to the Burnaby mineral geochemistry laboratory of AGAT.

The samples were analyzed by AGAT method #202051 for Gold, determined by fire assay of 30g with AAS finish. They were also analyzed by method #201073 for 46 elements by ICP-OES after digestion of 0.5g by aqua regia.

Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses on the samples. The procedures for each process and analytical method are presented in Appendix 3. Quality Assurance data is provided for each batch of samples and included with each analytical certificate (Appendix 4).

There was no evidence of any tampering with the samples during collection or shipping. All sample preparation was conducted by the laboratory.

A sampling protocol should be implemented, involving the routine and regular insertion of blanks, standards and duplicates sent to the primary laboratory, and re-assaying of selected mineralized pulps at a second independent laboratory in future trenching and drill programs on the project.

# 12.0 DATA VERIFICATION

The 2011 geochemical data was verified by reviewing the original analytical certificates and digital data. Analytical data quality assurance and quality control was indicated by the favourable reproducibility obtained in laboratory standards, blanks and duplicates.

# 13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The HY-JAY Project is at an early exploration stage and no metallurgical testing has been carried out.

# 14.0 MINERAL RESOURCE ESTIMATES

There has not been sufficient work on the HY-JAY Project to undertake a resource calculation.

# 15.0 ADJACENT PROPERTIES

The HY property was staked to cover the source of anomalous stream sediment samples. The JAY claims were staked to surround the HY claims and the Reef (formerly FER) claims, and to cover favourable ground in the area. The HY-JAY property lies within the area of influence of Yukon Minfile occurrence **105H 102 - FER**. Also included within 105H 102 are the Horn and Lin occurrences located a few kilometres north of HY-JAY.

The Cantung mine operated by North American Tungsten is located 20km east of the property in the Northwest Territories. This high grade mine is the biggest producer of tungsten in North America. The high grade tungsten (copper-gold) deposit is hosted in Lower Cambrian limestone adjacent to a Cretaceous intrusion.

Yukon Minfile occurrences near the JAY project:

**105H 036 Road (3 Ace)** – gold-arsenic mineralization hosted in clastic Hyland Group sediments. 25km southeast of HY-JAY. Extensive diamond drilling in 2010 and 2011 has returned significant gold intersections for Northern Tiger. Coarse visible gold is locally abundant in quartz veins.

**105H 103 Sugar Bowl (Sprogge) -** gold-arsenic mineralization hosted in clastic Hyland Group sediments. Adjacent to 3Ace, has dykes that may be related to mineralization. Numerous high grade showings have been tested with only a few drillholes.

**105H 057 Ricardo (Golden Culvert)** – gold-arsenic mineralization hosted in Vampire formation, east of March Fault. Discovered by prospecting to follow placer gold to source. 5km east of HY-JAY, currently held by Stakeholder.

**105H 082 Tuna –** porphyry Mo-W associated with Cretaceous intrusion. 20km east-southeast of HY-JAY.

**105H 056 Carbide –** tungsten skarn adjacent to Cretaceous intrusion. 10km west of HY-JAY. Four weak zones of poorly developed stockwork cut the Cretaceous Mt Billings Batholith. The best specimens assayed 1.51% WO3 (Zone A) and 0.46% MoS2 (Zone D).

# 16.0 OTHER RELEVANT DATA AND INFORMATION

To the author's knowledge, there is no additional information or explanation necessary to make this technical report understandable and not misleading.

# 17.0 INTERPRETATION AND CONCLUSIONS

The HY-JAY Project constitutes a property of merit based on favourable geological setting, geology, mineralized zones, geochemistry, magnetic geophysical signature and similarities and proximity to the REEF property, and its location within the Hyland Gold District. The 3 Ace project of Northern Tiger lies 25 kilometres to the southeast.

The property is underlain by rocks of the Hyland Group that host important deposits of gold in the region. The major faults and their splays present on the property are considered to be favourable for hosting structurally controlled gold mineralization.

Anomalous to highly anomalous gold in soils present in numerous parts of the property confirm the exploration potential, and warrant followup.

# 18.0 RECOMMENDATIONS

Based on the favourable geological setting, geology, geochemistry, magnetic geophysical signature and similarities and proximity to the 3 Ace and Sprogge gold projects of Northern Tiger, further work is recommended on the HY-JAY Project. Gold-arsenic mineralization and anomalies are present at encouraging levels.

Geological mapping should be extended to parts of the property not yet mapped, using the framework presented by Craggs in the appendix.

Soil geochemistry should be extended below treeline into the main valley that divides the property. Silt sampling of minor streams may be a more practical method for exploration in areas of thick bush on lower slopes, or line cutting might be required. Clusters of anomalous samples identified by 2011 contour sampling should be followed up with small grids and prospecting. Individual soil samples above 100ppb gold should be evaluated by hand pitting.

A helicopter-portable excavator would be useful for attempting to expose more vein material near the known showings and some of the stronger anomalies.

The geochemical database should be evaluated in a GIS platform, and examined for subtle trends in elements other than gold.

# 19.0 REFERENCES

**Blusson, S.L., 1966.** Geology of the Frances Lake Sheet (NTS 105H), Yukon Territory, Map 1966-6, 1" to 4 miles. Geological Survey of Canada.

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**Bremner, T. and Ouellette, D. (1990).** Hyland Gold: Report in Yukon Exploration 1990. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Part C, pp. 36-37.

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**Duk-Rodkin, A**., **1999.** Glacial limits map of Yukon Territory. Geological Survey of Canada Open File 3694; Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Geoscience Map 1999-2, scale 1:1 000 000.

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**Harris, S., 2000.** Athlone Minerals Ltd. 2000 Geological Mapping, Prospecting and Soil Sampling Program on the HY Property. Yukon Assessment Report #094146.

**Hart, C.J.R. and Lewis, L.L., 2006.** Gold mineralization in Upper Hyland River area: A non-magmatic origin. In Yukon Exploration and Geology 2005, D.S. Emond, G.D. Bradshaw and L.H. Weston (eds) Yukon Geological Survey, p. 109-125.

**Hornbrook, E.H.W. and Friske, P.W.B. (1989).** Regional Stream and Water Geochemical Data, Southeast Yukon, Map 105H: Open File 1649, Geological Survey of Canada.

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**Smith, C.A.S., Meikle, J.C. & Roots, C.F. (editors), 2004.** Ecoregions of the Yukon Territory: Biophysical properties of Yukon landscapes.

# 20.0 STATEMENT OF QUALIFICATIONS, DATE AND SIGNATURE

1) I, William Douglas Mann of 19 Hayes Crescent, Whitehorse, Yukon Territory am self-employed as a consultant geologist, authored and am responsible for this report entitled "2011 ASSESSMENT REPORT ON THE HY-JAY CLAIMS" dated March 15, 2012.

2) I am a graduate of Queen's University, Kingston, Ontario with a M.Sc. degree in mineral exploration geology, 1986 and of the University of British Columbia with a B.Sc. degree in geology, 1983 with more than 25 years mineral exploration experience in the North American Cordillera. Pertinent experience includes exploration and production work at Mt. Hundere (Sa Dena Hes) zinc-lead-silver mine from 1987 to 1992 and mine production work at the Cantung tungsten mine from 2002 to 2004.

3) I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 31907.

4) This report is based upon work on the property by the author on on September 12 – 14, 2010 and July 8 - 24, 2011, the author's personal knowledge of the region from 1987 to 2011, and a review of pertinent data.

5) As stated in this report, in my professional opinion the property is of potential merit and further exploration work is justified.

6) To the best of my knowledge this report contains all scientific and technical information required to be disclosed so as not to be misleading.

7) I hold options in the securities of Bearing Resources Ltd.

8) I consent to the use of this report by Bearing Resources Ltd. for such assessment and/or regulatory and financing purposes deemed necessary, but if any part shall be taken as an excerpt, it shall be done only with my approval.

Dated at Whitehorse, Yukon Territory this 15th day of March, 2012,
"Signed and Sealed"

_____

William D. Mann, P.Geo. (APEGBC Reg. No. 31907)
19 Hayes Cres.
Whitehorse, Yukon Y1A 0E1

**TABLE 2.**

**Bearing Resources Ltd. - HY Project Statement of Expenditures, 2011**

| | Date | Supplier | Invoice Number | Cost | Totals | HY |
|---|---|---|---|---|---|---|
| **Analytical costs** | 07-29-2011 | AGAT Lab | INV 11K24175M | 1,273.46 | | |
| | 08-15-2011 | AGAT Lab | INV 11K27364M | 9,635.01 | | |
| | 08-17-2011 | AGAT Lab | INV 11K28017M | 6,652.01 | | |
| | | | | | $17,560.48 | $2,809.68 |
| **Helicopter costs** | 07-10-2011 | Heli Dynamics Ltd | INV 10865 | 1,740.00 | | |
| | 07-12-2011 | Heli Dynamics Ltd | INV 10869 HELI | 1,015.00 | | |
| | 07-13-2011 | Heli Dynamics Ltd | INV 10871 | 1,087.50 | | |
| | 07-15-2011 | Heli Dynamics Ltd | INV 10875 | 217.50 | | |
| | 07-16-2011 | Heli Dynamics Ltd | INV 11722 | 1,450.00 | | |
| | 07-17-2011 | Heli Dynamics Ltd | INV 11724 | 797.50 | | |
| | 07-18-2011 | Heli Dynamics Ltd | INV 11726 | 1,595.00 | | |
| | 07-19-2011 | Heli Dynamics Ltd | INV 11728 | 725.00 | | |
| | 07-20-2011 | Heli Dynamics Ltd | INV 11730 | 1,087.50 | | |
| | 07-21-2011 | Heli Dynamics Ltd | INV 11732 | 1,087.50 | | |
| | 07-22-2011 | Heli Dynamics Ltd | INV 11734 | 1,232.50 | | |
| | 07-23-2011 | Heli Dynamics Ltd | INV 11736 | 362.50 | | |
| | 07-24-2011 | Heli Dynamics Ltd | INV 11738 | 1,232.50 | | |
| | | | | | $13,630.00 | $2,180.80 |
| **Airborne Geophysics** | 05-29-2011 | NAT-Cantung accommodations | INV 001-2011 | 4,500.00 | | |
| | 05-18-2011 | CMG Airborne | 2011-002-01 CMG | 55,000.00 | | |
| | 06-07-2011 | CMG Airborne | INV 2011-002-01.1 | 2,531.33 | | |
| | 07-04-2011 | CMG Airborne | INV 2011-002-03 | 5,500.00 | | |
| | | | | | $67,531.33 | $10,805.01 |
| **Fuel - Bulk** | 05-16-2011 | North 60 Petro | INV Fuel North60 | 6,632.59 | | |
| | 07-14-2011 | North 60 Petro | EMAIL Fuel North60 | 4,295.64 | | |
| | | | | | $10,928.23 | $1,748.52 |
| **Expediting** | 05-29-2011 | Twilite Service Ltd | INV 36045 | 900.00 | | |
| | 07-06-2011 | Twilite Service Ltd | INV 353838 | 1,500.00 | | |
| | | | | | $2,400.00 | $384.00 |
| **Wages** | 07-11-2011 | Graeme Buckler | 110715 Payroll | 1,250.00 | | |
| | 07-11-2011 | Taylor Philley | 110715 Payroll | 1,260.00 | | |
| | 07-11-2011 | Chris Schuh | 110715 Payroll | 900.00 | | |
| | 09-15-2011 | Graeme Buckler | PAYROLL 20110915 | 250.00 | | |
| | 07-31-2011 | Taylor Philley | 110731 Payroll | 540.00 | | |
| | | David Tupper - 5 days | est. | 3,000.00 | | |
| **Contractors** | 07-29-2011 | Simon Craggs | Inv 110728 | 1,615.37 | | |
| | 07-26-2011 | Matt Little | INV 2 | 2,100.00 | | |
| | 07-29-2011 | Sandro Frizzi | INV 119 | 6,300.00 | | |
| | 08-17-2011 | Max Mikhailytchev | INV 1104B | 1,050.00 | | |
| | 07-31-2011 | William Mann | INV 11-97 | 9,000.00 | | |
| | | | | | $27,265.37 | $4,362.46 |
| **Expenses** | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 606.36 | | |
| (food, hardware, supplie | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 277.88 | | |
| | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 498.00 | | |
| | 07-08-2011 | William Mann | ER JUL11-W MANN | 205.50 | | |
| | 07-17-2011 | Timothy Liverton | INV 110717 | 125.00 | | |
| | 07-08-2011 | William Mann | ER JUL11-W MANN | 1,333.94 | | |
| | 07-31-2011 | William Mann | ER 20110731 | 1,243.44 | | |
| | | | | | $4,290.12 | $686.42 |
| **map preparation** | 07-04-2011 | Terry Lee | INV 20110704 | 332.34 | | |
| | | | | | $332.34 | $53.17 |
| | | Field Expenses - subtotal: | | | $143,937.87 | $23,030.06 |
| **Report Preparation** | | W.D. Mann | (7% of field costs) | | $10,075.65 | $1,612.10 |
| | | **TOTAL ELIGIBLE EXPLORATION EXPENDITURES:** | | | $154,013.52 | **$24,642.16** |

Field work conducted May 20 - 25 (airborne geophysics) and July 8 - 24, 2011

Note: work was conducted on all HY and JAY claims, including some not included in this filing, therefore costs claimed are 16% of total to cover the 48 HY claims of 306 total claims.

signed: _____ date: _____

**TABLE 3.**

**Bearing Resources Ltd. - JAY Project Statement of Expenditures, 2011**

| | Date | Supplier | Invoice Number | Cost | **Totals** | **BRZ-JAY** |
|---|---|---|---|---|---|---|
| **Analytical costs** | 07-29-2011 | AGAT Lab | INV 11K24175M | 1,273.46 | | |
| | 08-15-2011 | AGAT Lab | INV 11K27364M | 9,635.01 | | |
| | 08-17-2011 | AGAT Lab | INV 11K28017M | 6,652.01 | | |
| | | | | | $17,560.48 | $8,604.64 |
| **Helicopter costs** | 07-10-2011 | Heli Dynamics Ltd | INV 10865 | 1,740.00 | | |
| | 07-12-2011 | Heli Dynamics Ltd | INV 10869 HELI | 1,015.00 | | |
| | 07-13-2011 | Heli Dynamics Ltd | INV 10871 | 1,087.50 | | |
| | 07-15-2011 | Heli Dynamics Ltd | INV 10875 | 217.50 | | |
| | 07-16-2011 | Heli Dynamics Ltd | INV 11722 | 1,450.00 | | |
| | 07-17-2011 | Heli Dynamics Ltd | INV 11724 | 797.50 | | |
| | 07-18-2011 | Heli Dynamics Ltd | INV 11726 | 1,595.00 | | |
| | 07-19-2011 | Heli Dynamics Ltd | INV 11728 | 725.00 | | |
| | 07-20-2011 | Heli Dynamics Ltd | INV 11730 | 1,087.50 | | |
| | 07-21-2011 | Heli Dynamics Ltd | INV 11732 | 1,087.50 | | |
| | 07-22-2011 | Heli Dynamics Ltd | INV 11734 | 1,232.50 | | |
| | 07-23-2011 | Heli Dynamics Ltd | INV 11736 | 362.50 | | |
| | 07-24-2011 | Heli Dynamics Ltd | INV 11738 | 1,232.50 | | |
| | | | | | $13,630.00 | $6,678.70 |
| **Airborne Geophysics** | 05-29-2011 | NAT-Cantung accommodations | INV 001-2011 | 4,500.00 | | |
| | 05-18-2011 | CMG Airborne | 2011-002-01 CMG | 55,000.00 | | |
| | 06-07-2011 | CMG Airborne | INV 2011-002-01.1 | 2,531.33 | | |
| | 07-04-2011 | CMG Airborne | INV 2011-002-03 | 5,500.00 | | |
| | | | | | $67,531.33 | $33,090.35 |
| **Fuel - Bulk** | 05-16-2011 | North 60 Petro | INV Fuel North60 | 6,632.59 | | |
| | 07-14-2011 | North 60 Petro | EMAIL Fuel North60 | 4,295.64 | | |
| | | | | | $10,928.23 | $5,354.83 |
| **Expediting** | 05-29-2011 | Twilite Service Ltd | INV 36045 | 900.00 | | |
| | 07-06-2011 | Twilite Service Ltd | INV 353838 | 1,500.00 | | |
| | | | | | $2,400.00 | $1,176.00 |
| **Wages** | 07-11-2011 | Graeme Buckler | 110715 Payroll | 1,250.00 | | |
| | 07-11-2011 | Taylor Philley | 110715 Payroll | 1,260.00 | | |
| | 07-11-2011 | Chris Schuh | 110715 Payroll | 900.00 | | |
| | 09-15-2011 | Graeme Buckler | PAYROLL 20110915 | 250.00 | | |
| | 07-31-2011 | Taylor Philley | 110731 Payroll | 540.00 | | |
| | | David Tupper - 5 days | est. | 3,000.00 | | |
| **Contractors** | 07-29-2011 | Simon Craggs | Inv 110728 | 1,615.37 | | |
| | 07-26-2011 | Matt Little | INV 2 | 2,100.00 | | |
| | 07-29-2011 | Sandro Frizzi | INV 119 | 6,300.00 | | |
| | 08-17-2011 | Max Mikhailytchev | INV 1104B | 1,050.00 | | |
| | 07-31-2011 | William Mann | INV 11-97 | 9,000.00 | | |
| | | | | | $27,265.37 | $13,360.03 |

**TABLE 3.**

**Bearing Resources Ltd. - JAY Project Statement of Expenditures, 2011**

| | Date | Supplier | Invoice Number | Cost | **Totals** | **BRZ-JAY** |
|---|---|---|---|---|---|---|
| **Expenses** | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 606.36 | | |
| (food, hardware, supplie | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 277.88 | | |
| | 06-13-2011 | Dave Tupper | 110613 ER DTupper | 498.00 | | |
| | 07-08-2011 | William Mann | ER JUL11-W MANN | 205.50 | | |
| | 07-17-2011 | Timothy Liverton | INV 110717 | 125.00 | | |
| | 07-08-2011 | William Mann | ER JUL11-W MANN | 1,333.94 | | |
| | 07-31-2011 | William Mann | ER 20110731 | 1,243.44 | | |
| | | | | | $4,290.12 | $2,102.16 |
| **map preparation** | 07-04-2011 | Terry Lee | INV 20110704 | 332.34 | | |
| | | | | | $332.34 | $162.85 |
| | | Field Expenses - subtotal: | | | $143,937.87 | $70,529.56 |
| **Report Preparation** | | W.D. Mann | (7% of field costs) | | $10,075.65 | $4,937.07 |
| | | **TOTAL ELIGIBLE EXPLORATION EXPENDITURES:** | | | $154,013.52 | **$75,466.63** |

Field work conducted May 20 - 25 (airborne geophysics) and July 8 - 24, 2011

Note: work was conducted on all HY and JAY claims, including some not included in this filing, therefore costs claimed are 49% of total to cover the 150 BRZ-JAY claims of 306 total claims.

signed: _____ date: _____

APPENDIX 1. CLAIM LIST

| BEARING RESOURCES LTD. - HY-JAY Project, Watson Lake Mining District, NTS 105H15 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GrantNo. | Name | # | Claim Owner | GrantNo. | Name | # | Claim Owner |
| YD24801 | JAY | 1 | Bearing Resources Ltd. - 100% | YD25887 | JAY | 87 | Bearing Resources Ltd. - 100% |
| YD24802 | JAY | 2 | Bearing Resources Ltd. - 100% | YD25888 | JAY | 88 | Bearing Resources Ltd. - 100% |
| YD24803 | JAY | 3 | Bearing Resources Ltd. - 100% | YD25889 | JAY | 89 | Bearing Resources Ltd. - 100% |
| YD24804 | JAY | 4 | Bearing Resources Ltd. - 100% | YD25890 | JAY | 90 | Bearing Resources Ltd. - 100% |
| YD24805 | JAY | 5 | Bearing Resources Ltd. - 100% | YD25891 | JAY | 91 | Bearing Resources Ltd. - 100% |
| YD24806 | JAY | 6 | Bearing Resources Ltd. - 100% | YD25892 | JAY | 92 | Bearing Resources Ltd. - 100% |
| YD24807 | JAY | 7 | Bearing Resources Ltd. - 100% | YD25893 | JAY | 93 | Bearing Resources Ltd. - 100% |
| YD24808 | JAY | 8 | Bearing Resources Ltd. - 100% | YD25894 | JAY | 94 | Bearing Resources Ltd. - 100% |
| YD24809 | JAY | 9 | Bearing Resources Ltd. - 100% | YD25895 | JAY | 95 | Bearing Resources Ltd. - 100% |
| YD24810 | JAY | 10 | Bearing Resources Ltd. - 100% | YD25896 | JAY | 96 | Bearing Resources Ltd. - 100% |
| YD24811 | JAY | 11 | Bearing Resources Ltd. - 100% | YD25897 | JAY | 97 | Bearing Resources Ltd. - 100% |
| YD24812 | JAY | 12 | Bearing Resources Ltd. - 100% | YD25898 | JAY | 98 | Bearing Resources Ltd. - 100% |
| YD24813 | JAY | 13 | Bearing Resources Ltd. - 100% | YD25899 | JAY | 99 | Bearing Resources Ltd. - 100% |
| YD24814 | JAY | 14 | Bearing Resources Ltd. - 100% | YD25900 | JAY | 100 | Bearing Resources Ltd. - 100% |
| YD24815 | JAY | 15 | Bearing Resources Ltd. - 100% | YD25901 | JAY | 101 | Bearing Resources Ltd. - 100% |
| YD24816 | JAY | 16 | Bearing Resources Ltd. - 100% | YD25902 | JAY | 102 | Bearing Resources Ltd. - 100% |
| YD24817 | JAY | 17 | Bearing Resources Ltd. - 100% | YD25903 | JAY | 103 | Bearing Resources Ltd. - 100% |
| YD24818 | JAY | 18 | Bearing Resources Ltd. - 100% | YD25904 | JAY | 104 | Bearing Resources Ltd. - 100% |
| YD24819 | JAY | 19 | Bearing Resources Ltd. - 100% | YD25905 | JAY | 105 | Bearing Resources Ltd. - 100% |
| YD24820 | JAY | 20 | Bearing Resources Ltd. - 100% | YD25906 | JAY | 106 | Bearing Resources Ltd. - 100% |
| YD24821 | JAY | 21 | Bearing Resources Ltd. - 100% | YD25907 | JAY | 107 | Bearing Resources Ltd. - 100% |
| YD24822 | JAY | 22 | Bearing Resources Ltd. - 100% | YD25908 | JAY | 108 | Bearing Resources Ltd. - 100% |
| YD24823 | JAY | 23 | Bearing Resources Ltd. - 100% | YD25909 | JAY | 109 | Bearing Resources Ltd. - 100% |
| YD24824 | JAY | 24 | Bearing Resources Ltd. - 100% | YD25910 | JAY | 110 | Bearing Resources Ltd. - 100% |
| YD24825 | JAY | 25 | Bearing Resources Ltd. - 100% | YD25911 | JAY | 111 | Bearing Resources Ltd. - 100% |
| YD24826 | JAY | 26 | Bearing Resources Ltd. - 100% | YD25912 | JAY | 112 | Bearing Resources Ltd. - 100% |
| YD24827 | JAY | 27 | Bearing Resources Ltd. - 100% | YD25913 | JAY | 113 | Bearing Resources Ltd. - 100% |
| YD24828 | JAY | 28 | Bearing Resources Ltd. - 100% | YD25914 | JAY | 114 | Bearing Resources Ltd. - 100% |
| YD24829 | JAY | 29 | Bearing Resources Ltd. - 100% | YD25915 | JAY | 115 | Bearing Resources Ltd. - 100% |
| YD24830 | JAY | 30 | Bearing Resources Ltd. - 100% | YD25916 | JAY | 116 | Bearing Resources Ltd. - 100% |
| YD24831 | JAY | 31 | Bearing Resources Ltd. - 100% | YD25917 | JAY | 117 | Bearing Resources Ltd. - 100% |
| YD24832 | JAY | 32 | Bearing Resources Ltd. - 100% | YD25918 | JAY | 118 | Bearing Resources Ltd. - 100% |
| YD24833 | JAY | 33 | Bearing Resources Ltd. - 100% | YD25919 | JAY | 119 | Bearing Resources Ltd. - 100% |
| YD24834 | JAY | 34 | Bearing Resources Ltd. - 100% | YD25920 | JAY | 120 | Bearing Resources Ltd. - 100% |
| YD24835 | JAY | 35 | Bearing Resources Ltd. - 100% | YD25921 | JAY | 121 | Bearing Resources Ltd. - 100% |
| YD24836 | JAY | 36 | Bearing Resources Ltd. - 100% | YD25922 | JAY | 122 | Bearing Resources Ltd. - 100% |
| YD24837 | JAY | 37 | Bearing Resources Ltd. - 100% | YD25923 | JAY | 123 | Bearing Resources Ltd. - 100% |
| YD24838 | JAY | 38 | Bearing Resources Ltd. - 100% | YD25924 | JAY | 124 | Bearing Resources Ltd. - 100% |
| YD24839 | JAY | 39 | Bearing Resources Ltd. - 100% | YD25925 | JAY | 125 | Bearing Resources Ltd. - 100% |
| YD24840 | JAY | 40 | Bearing Resources Ltd. - 100% | YD25926 | JAY | 126 | Bearing Resources Ltd. - 100% |
| YD24841 | JAY | 41 | Bearing Resources Ltd. - 100% | YD25927 | JAY | 127 | Bearing Resources Ltd. - 100% |
| YD24842 | JAY | 42 | Bearing Resources Ltd. - 100% | YD25928 | JAY | 128 | Bearing Resources Ltd. - 100% |
| YD24843 | JAY | 43 | Bearing Resources Ltd. - 100% | YD25929 | JAY | 129 | Bearing Resources Ltd. - 100% |
| YD24844 | JAY | 44 | Bearing Resources Ltd. - 100% | YD25930 | JAY | 130 | Bearing Resources Ltd. - 100% |
| YD24845 | JAY | 45 | Bearing Resources Ltd. - 100% | YD25931 | JAY | 131 | Bearing Resources Ltd. - 100% |
| YD24846 | JAY | 46 | Bearing Resources Ltd. - 100% | YD25932 | JAY | 132 | Bearing Resources Ltd. - 100% |
| YD24847 | JAY | 47 | Bearing Resources Ltd. - 100% | YD25933 | JAY | 133 | Bearing Resources Ltd. - 100% |
| YD24848 | JAY | 48 | Bearing Resources Ltd. - 100% | YD25934 | JAY | 134 | Bearing Resources Ltd. - 100% |
| YD24849 | JAY | 49 | Bearing Resources Ltd. - 100% | YD25935 | JAY | 135 | Bearing Resources Ltd. - 100% |
| YD24850 | JAY | 50 | Bearing Resources Ltd. - 100% | YD25936 | JAY | 136 | Bearing Resources Ltd. - 100% |
| YD24851 | JAY | 51 | Bearing Resources Ltd. - 100% | YD25937 | JAY | 137 | Bearing Resources Ltd. - 100% |

APPENDIX 1. CLAIM LIST

| BEARING RESOURCES LTD. - HY-JAY Project, Watson Lake Mining District, NTS 105H15 | | | | | | | |
|---|---|---|---|---|---|---|---|
| GrantNo. | Name | # | Claim Owner | GrantNo. | Name | # | Claim Owner |
| YD24852 | JAY | 52 | Bearing Resources Ltd. - 100% | YD25938 | JAY | 138 | Bearing Resources Ltd. - 100% |
| YD24853 | JAY | 53 | Bearing Resources Ltd. - 100% | YD25939 | JAY | 139 | Bearing Resources Ltd. - 100% |
| YD24854 | JAY | 54 | Bearing Resources Ltd. - 100% | YD25940 | JAY | 140 | Bearing Resources Ltd. - 100% |
| YD24855 | JAY | 55 | Bearing Resources Ltd. - 100% | YD25993 | JAY | 193 | Bearing Resources Ltd. - 100% |
| YD24856 | JAY | 56 | Bearing Resources Ltd. - 100% | YD25994 | JAY | 194 | Bearing Resources Ltd. - 100% |
| YD24857 | JAY | 57 | Bearing Resources Ltd. - 100% | YD25995 | JAY | 195 | Bearing Resources Ltd. - 100% |
| YD24858 | JAY | 58 | Bearing Resources Ltd. - 100% | YD25996 | JAY | 196 | Bearing Resources Ltd. - 100% |
| YD24859 | JAY | 59 | Bearing Resources Ltd. - 100% | YD25997 | JAY | 197 | Bearing Resources Ltd. - 100% |
| YD24860 | JAY | 60 | Bearing Resources Ltd. - 100% | YD25998 | JAY | 198 | Bearing Resources Ltd. - 100% |
| YD24861 | JAY | 61 | Bearing Resources Ltd. - 100% | YD25999 | JAY | 199 | Bearing Resources Ltd. - 100% |
| YD24862 | JAY | 62 | Bearing Resources Ltd. - 100% | YD26000 | JAY | 200 | Bearing Resources Ltd. - 100% |
| YD24863 | JAY | 63 | Bearing Resources Ltd. - 100% | YD26001 | JAY | 201 | Bearing Resources Ltd. - 100% |
| YD24864 | JAY | 64 | Bearing Resources Ltd. - 100% | YD26002 | JAY | 202 | Bearing Resources Ltd. - 100% |
| YD24865 | JAY | 65 | Bearing Resources Ltd. - 100% | YD25851 | JAY | 251 | Bearing Resources Ltd. - 100% |
| YD24866 | JAY | 66 | Bearing Resources Ltd. - 100% | YD25852 | JAY | 252 | Bearing Resources Ltd. - 100% |
| YD24867 | JAY | 67 | Bearing Resources Ltd. - 100% | YD25853 | JAY | 253 | Bearing Resources Ltd. - 100% |
| YD24868 | JAY | 68 | Bearing Resources Ltd. - 100% | YD25854 | JAY | 254 | Bearing Resources Ltd. - 100% |
| YD24869 | JAY | 69 | Bearing Resources Ltd. - 100% | YD25855 | JAY | 255 | Bearing Resources Ltd. - 100% |
| YD24870 | JAY | 70 | Bearing Resources Ltd. - 100% | YD25856 | JAY | 256 | Bearing Resources Ltd. - 100% |
| YD24871 | JAY | 71 | Bearing Resources Ltd. - 100% | YD25857 | JAY | 257 | Bearing Resources Ltd. - 100% |
| YD24872 | JAY | 72 | Bearing Resources Ltd. - 100% | YD25858 | JAY | 258 | Bearing Resources Ltd. - 100% |
| YD24881 | JAY | 81 | Bearing Resources Ltd. - 100% | YB87432 | HY | 49 | Bearing Resources Ltd. - 100% |
| YD24882 | JAY | 82 | Bearing Resources Ltd. - 100% | YB87433 | HY | 50 | Bearing Resources Ltd. - 100% |
| YD24883 | JAY | 83 | Bearing Resources Ltd. - 100% | YB87434 | HY | 51 | Bearing Resources Ltd. - 100% |
| YD24884 | JAY | 84 | Bearing Resources Ltd. - 100% | YB87435 | HY | 52 | Bearing Resources Ltd. - 100% |
| YD24885 | JAY | 85 | Bearing Resources Ltd. - 100% | YB87436 | HY | 53 | Bearing Resources Ltd. - 100% |
| YD24886 | JAY | 86 | Bearing Resources Ltd. - 100% | YB87437 | HY | 54 | Bearing Resources Ltd. - 100% |
| YB87384 | HY | 1 | Bearing Resources Ltd. - 100% | YB87438 | HY | 55 | Bearing Resources Ltd. - 100% |
| YB87385 | HY | 2 | Bearing Resources Ltd. - 100% | YB87439 | HY | 56 | Bearing Resources Ltd. - 100% |
| YB87386 | HY | 3 | Bearing Resources Ltd. - 100% | YB87440 | HY | 57 | Bearing Resources Ltd. - 100% |
| YB87387 | HY | 4 | Bearing Resources Ltd. - 100% | YB87441 | HY | 58 | Bearing Resources Ltd. - 100% |
| YB87388 | HY | 5 | Bearing Resources Ltd. - 100% | YB87442 | HY | 59 | Bearing Resources Ltd. - 100% |
| YB87389 | HY | 6 | Bearing Resources Ltd. - 100% | YB87443 | HY | 60 | Bearing Resources Ltd. - 100% |
| YB87390 | HY | 7 | Bearing Resources Ltd. - 100% | YB87444 | HY | 61 | Bearing Resources Ltd. - 100% |
| YB87391 | HY | 8 | Bearing Resources Ltd. - 100% | YB87445 | HY | 62 | Bearing Resources Ltd. - 100% |
| YB87408 | HY | 25 | Bearing Resources Ltd. - 100% | YB87446 | HY | 63 | Bearing Resources Ltd. - 100% |
| YB87409 | HY | 26 | Bearing Resources Ltd. - 100% | YB87447 | HY | 64 | Bearing Resources Ltd. - 100% |
| YB87410 | HY | 27 | Bearing Resources Ltd. - 100% | YB87448 | HY | 65 | Bearing Resources Ltd. - 100% |
| YB87411 | HY | 28 | Bearing Resources Ltd. - 100% | YB87449 | HY | 66 | Bearing Resources Ltd. - 100% |
| YB87412 | HY | 29 | Bearing Resources Ltd. - 100% | YB87450 | HY | 67 | Bearing Resources Ltd. - 100% |
| YB87413 | HY | 30 | Bearing Resources Ltd. - 100% | YB87451 | HY | 68 | Bearing Resources Ltd. - 100% |
| YB87414 | HY | 31 | Bearing Resources Ltd. - 100% | YB87452 | HY | 69 | Bearing Resources Ltd. - 100% |
| YB87415 | HY | 32 | Bearing Resources Ltd. - 100% | YB87453 | HY | 70 | Bearing Resources Ltd. - 100% |
| YB87416 | HY | 33 | Bearing Resources Ltd. - 100% | YB87454 | HY | 71 | Bearing Resources Ltd. - 100% |
| YB87417 | HY | 34 | Bearing Resources Ltd. - 100% | YB87455 | HY | 72 | Bearing Resources Ltd. - 100% |
| YB87418 | HY | 35 | Bearing Resources Ltd. - 100% | YB87456 | HY | 73 | Bearing Resources Ltd. - 100% |
| YB87419 | HY | 36 | Bearing Resources Ltd. - 100% | YB87457 | HY | 74 | Bearing Resources Ltd. - 100% |
| YB87421 | HY | 38 | Bearing Resources Ltd. - 100% | YB87458 | HY | 75 | Bearing Resources Ltd. - 100% |

**HY-JAY Project - Rock Samples 2010**

| | UTM zone 9N | | | **Au** | Ag |
|---|---|---|---|---|---|
| SAMPLE | E | N | Description | **ppm** | ppm |
| 19225 | 520455 | 6863645 | grab talus white QV cutting grit, limonitic pits | **<0.005** | <0.5 |
| 19226 | 520574 | 6863675 | selective chips of 6 white QV across 2m, grit host | **<0.005** | <0.5 |
| 19227 | 520860 | 6863710 | 6m chip of rusty bleached grit w/ QVs | **0.007** | <0.5 |
| 19228 | 520710 | 6863845 | grab float limonitic bxia (ferricrete?), white Q frags. | **0.097** | <0.5 |
| 19229 | 520620 | 6864580 | grab float rusty quartzite w/ slickensides, shale-grit | **0.008** | <0.5 |
| 19230 | 520650 | 6864690 | 70cm chip between parallel slick faults, blchd grit | **0.065** | <0.5 |
| 19231 | 522155 | 6866017 | grab float rusty QV in 15m shale band between grit | **<0.005** | <0.5 |
| 19232 | 522557 | 6866138 | grab float c.g. Heterolithic bxia, gry Q matrix w/ hem. | **0.089** | **0.6** |
| 19233 | 522558 | 6866131 | 2m chip blchd, rusty, sheared grit, silicified | **0.068** | <0.5 |
| 19234 | 517624 | 6866267 | grab 10cm QV cobble, white w/ aspy to 5mm, pitted | **2.53** | **0.5** |
| 19235 | 517619 | 6866319 | grab 15cm QV cobble, white w/ rusty pits | **0.005** | <0.5 |
| 19236 | 517636 | 6866352 | grab from 5 white QV boulders w/ lim & goethite | **0.014** | <0.5 |
| 19237 | 517572 | 6866675 | grab grey-white banded QV boulder w/ aspy, slicks | **0.601** | **0.7** |
| 19238 | 517090 | 6867190 | 50cm chip subcrop white QV, rusty, phyllite host | **<0.005** | <0.5 |
| 19239 | 516455 | 6867175 | grab float sheeted white QVs cut grit, rusty | **<0.005** | <0.5 |
| 19240 | 516306 | 6866893 | grab float, 2cm QV cuts c.g. Grit | **<0.005** | <0.5 |
| 19241 | 516520 | 6866360 | grab boulders bleached rusty grit w/ slickensides | **0.007** | <0.5 |
| 19242 | 516953 | 6866426 | grab float white **silicified** grit, minor limonite | **2.84** | <0.5 |
| 19243 | 516976 | 6866402 | grab talus rusty white QVs & silicified grit | **0.047** | <0.5 |
| 19244 | 517027 | 6866394 | 2x1m panel chip sil grit, sheeted 5mm QV, slicks | **<0.005** | <0.5 |
| 19245 | 516988 | 6866441 | grab rusty QV boulder, lim & goethite in vugs | **0.769** | <0.5 |
| 19246 | 516920 | 6866444 | grab 2 boulders silicified grit, v rusty, slicks | **<0.005** | <0.5 |
| 19247 | 516896 | 6866528 | 1.5m chip grit w/ rusty white QVs, slicks | **0.018** | <0.5 |
| 19248 | 516870 | 6866540 | 1.5m chip grit w/ rusty, weak shear, sil | **0.014** | <0.5 |
| 19249 | 516703 | 6866558 | grab float white vuggy Q bxia veins, clear Q crystals | **<0.005** | <0.5 |
| 19250 | 517056 | 6865875 | grab subcrop grit contact, slicks, rusty QVs, bleached | **<0.005** | <0.5 |
| 19401 | 520631 | 6863491 | float rusty qtzite w/ QVs tr py & MnOx | **<0.005** | <0.5 |
| 19402 | 520585 | 6863135 | float rusty q-ser schist w/ irreg QV tr py, boxwork | **0.018** | <0.5 |
| 19403 | 520422 | 6863518 | float grab v limonitic QV, fractured | **<0.005** | <0.5 |
| 19404 | 520527 | 6866628 | bedrock grab v limonitic QV, quartzite host | **<0.005** | <0.5 |
| 19405 | 516863 | 6866197 | grab rusty vuggy bx QV, to 10cm wide, discontinuous | **0.081** | **1** |
| 19406 | 516947 | 6866345 | bedrock grab QV or sil qtzite w/ .5-1% py, tr aspy | **<0.005** | <0.5 |
| 19407 | 517657 | 6866126 | float QV 5cm boulder w/ 1-2% py & boxwork | **<0.005** | <0.5 |
| 19408 | 517729 | 6866270 | float QV w/ limonitic boxwork, tr py., sericitic | **<0.005** | <0.5 |
| 19409 | 517722 | 6866330 | float rusty vuggy QV w/ argillite frags to 2cm | **<0.005** | <0.5 |
| 19410 | 517621 | 6866942 | bedrock grab limonitic sugary white QV, weak lim. | **<0.005** | <0.5 |
| 19411 | 517630 | 6866965 | float fault bxia & QV, limonitic w/ voids | **<0.005** | <0.5 |
| 19412 | 517620 | 6866992 | float fault bxia & QV, limonitic w/ voids | **0.075** | <0.5 |
| 19413 | 517593 | 6867050 | bedrock grab white QV, limonitic, arg-qtzt contact | **<0.005** | <0.5 |
| 19414 | 517524 | 6867138 | float siliceous quartzite, .5cm QV boxwork, .5% aspy | **0.064** | <0.5 |
| 19415 | 517459 | 6867197 | bedrock grab rusty QVs to 20cm over 2m, shale host | **<0.005** | <0.5 |
| 19416 | 517313 | 6865867 | float QV stockwork, not rusty | **<0.005** | <0.5 |
| 19417 | 517313 | 6865867 | float QV stockwork, not rusty | **<0.005** | <0.5 |
| 19418 | 517242 | 6865886 | float limonitic QV w/ aspy, phyll frags, grit host | **0.239** | <0.5 |
| 19419 | 517128 | 6865872 | bedrock chip 0.25m Q-carb shear vein in grit | **0.005** | <0.5 |
| 19420 | 516797 | 6865436 | 40cm boulder Q-aspy vein, tr galena, scorodite | **6.24** | <0.5 |
| 19421 | 517113 | 6865569 | float Q-aspy-scorodite vein | **2.75** | <0.5 |
| 19422 | 517175 | 6865626 | float Q-aspy-scorodite vein | **2.19** | <0.5 |
| 19465 | 517360 | 6865312 | | **0.008** | <0.5 |

| HY-JAY Rock Sample Descriptions 2011 | | | UTM Zone 9N | | Ag |
|---|---|---|---|---|---|
| Sample No. | Au g/t | Description | E | N | ppm |
| 65637 | **0.151** | phyllite boulder in talus w/ 5 parallel 1cm QVs, aspy., lim., cubic pits | 517198 | 6865613 | <0.2 |
| 65638 | **6.060** | 30cm phyllite boulder w/ Q-aspy. Vein, scorodite, limonite | 517140 | 6865589 | **1.3** |
| 65639 | **14.600** | 4 small phyllite boulders w/ Q-aspy. Veins, iron oxides | 517129 | 6865632 | **4.4** |
| 65640 | **47.000** | rusty arsenopyrite-quartz vein boulders - 5.4% As, 3.1% Pb | 517106 | 6865555 | **>100** |
| 65641 | **19.900** | boulder near-massive arsenopyrite w/ vein Q, limonite, scorodite | 517105 | 6865552 | **>100** |
| 65642 | **0.485** | 20cm boulder Q-pyrite-arsenopyrite - top of talus slope, **Zig Zag zone** | 517075 | 6865525 | **18.4** |
| 65643 | 0.057 | chip narrow pyritic white QV cutting outcrop at 030 degrees | 516244 | 6865358 | **1.2** |
| 65644 | 0.027 | grab brown (limonitic) schist 50m from white QV outcrop above | 516254 | 6865486 | <0.2 |
| 65645 | 0.005 | 20 chips from white "bull" quartz veins in outcrop near 65643 | 516238 | 6865370 | <0.2 |
| 65646 | 0.005 | subcrop white irreg. QV stockwork cutting grit unit | 517487 | 6865214 | <0.2 |
| 65647 | 0.008 | silicified grit unit w/ 1cm grey QV | 517539 | 6865156 | <0.2 |
| 65648 | 0.004 | 2m chip across structure, interbedded limestone and sandstone, rusty | 517598 | 6864194 | <0.2 |
| 65649 | 0.005 | 2m chip white irreg. QV cuts orange calcareous f.g. sandstone | 517690 | 6864069 | <0.2 |
| 65650 | 0.004 | 2m chip of grit unit, sl calcareous w/ chloritic matrix narrow white QVs. | 517481 | 6864558 | <0.2 |
| 65351 | 0.006 | 20 chips from 15m grey limestone debris flow congl. w/ orange matrix | 521209 | 6867296 | <0.2 |
| 65352 | <0.002 | 20 chips from 30m grey lst congl. subcrop w/ orange matrix - white QVs | 521169 | 6867428 | <0.2 |
| 65353 | <0.002 | 20 chips white QV in tan f.g. Sst., veins to 20cm wide | 520850 | 6868104 | <0.2 |
| 65354 | 0.002 | 20 chips yellow-orange QV in rusty phyllite rubble, tr py. & cubic pits | 520750 | 6868047 | <0.2 |
| 65355 | 0.005 | 20 chips from white QVs cutting 20m wide grit unit | 520735 | 6867749 | <0.2 |
| 65356 | **0.926** | 40x30x15cm Q-arsenopyrite boulder in moss. Minor py., lim. Grit host | 520642 | 6867556 | 0.2 |
| 65357 | **0.192** | 40x30x15cm Q-arsenopyrite boulder in moss. Minor py., lim. Grit host | 520642 | 6867556 | <0.2 |
| 65358 | 0.029 | 100x50x35cm grey glassy QV w/ 1% f.g. Pyrite, limonite, grit host | 520723 | 6867605 | <0.2 |
| 19625 | 0.010 | Tupper samples? | 517347 | 6865398 | <0.2 |
| 19626 | 0.005 | | 516597 | 6865491 | <0.2 |
| 19627 | 0.004 | | 515275 | 6866226 | <0.2 |
| 19653 | 0.005 | phyllite with rusty QV - Graeme | 517466 | 6865208 | 0.3 |
| 19654 | 0.012 | | 517538 | 6865156 | <0.2 |
| 19655 | 0.017 | | 517517 | 6864316 | 0.2 |
| 19515 | **0.312** | Zig Zag Zone- rusty boulder QV w/ phyllite, tr to 0.5% aspy | 517203 | 6865633 | <0.2 |
| 19516 | **22.000** | float QV in phyllite w/ aspy & galena | 517185 | 6865618 | **3.5** |
| 19517 | **7.700** | float QV w/ irreg band aspy 1-2%, milky Qtz, scorodite | 517164 | 6865613 | **2.4** |
| 19518 | **0.845** | Zig Zag Q-aspy vein adjacent outcrop, grab | 516788 | 6865428 | <0.2 |
| 19519 | 0.053 | grab white QV w/ lim bands, possible tr py, aspy | 516760 | 6865435 | <0.2 |
| 19520 | 0.030 | float rusty sugary white QV tr aspy blebs, tr gn?, grit host | 517630 | 6866660 | <0.2 |
| 19521 | **0.348** | float rusty QV & entirely silicified rock w/ aspy blebs | 517579 | 6866730 | <0.2 |
| 19522 | <0.002 | grab rusty QVs to 30cm in phyllite | 517119 | 6867190 | <0.2 |
| 19523 | 0.003 | grab rusty QV +15cm in phyllite | 517159 | 6867189 | <0.2 |
| 19527 | 0.020 | grab rusty boxwork QV, v rusty slate host | 519081 | 6865899 | **0.6** |
| 19528 | 0.010 | grab 10% euhedral pyrite, calcareous horizon, boudinaged, argillite host | 519091 | 6865901 | <0.2 |
| 19529 | <0.002 | grab 4cm QV w/ tr euhedral pyrite | 519354 | 6865889 | <0.2 |
| | **Au ppb** | | | | |
| 65359 | 106 | grab boulders Q-aspy, rusty phyllite host | 516186 | 6867352 | 0.3 |
| 65360 | 11 | 10m channel in rubble across saddle w/ vuggy yellow QV, slicks, grey QV | 515995 | 6868326 | <0.2 |
| 65361 | 8 | 1m vuggy yellow QV adj. Slicks, rubblecrop on ridge crest | 516037 | 6868329 | <0.2 |
| 65362 | 3 | 50cm chip orange QV bxia w/ phyllite frags. | 515988 | 6868319 | <0.2 |
| 65363 | 6 | 20 pieces rusty boulders w/ slicks, slatey phyllite host | 515980 | 6868223 | <0.2 |
| 65364 | <2 | 20 chips white QV adjacent to slickensides | 515977 | 6868196 | <0.2 |
| 65365 | 9 | 20 chips boulders limonite bxia w/ Q-rich frags, hem., slicks | 516007 | 6867975 | <0.2 |
| 65366 | 3 | 20 chips boulders rusty QV & altered rock | 515960 | 6867735 | <0.2 |
| 65367 | 3 | 20 chips boulders rusty grit w/ slickensides | 516274 | 6866861 | <0.2 |
| 65368 | 4 | 20 chips 1x1m boulder grit w/ sygmoidal QVs, sl rusty | 516249 | 6867138 | <0.2 |
| 65369 | <2 | 20 chips 90cm white QV boulder, rusty slicks | 516247 | 6867137 | <0.2 |
| 65370 | 10 | 20 chips from 5 boulders v rusty grit | 516245 | 6867129 | <0.2 |
| 65371 | 26 | 25 chips over 5m rusty fault zone rubble w/ slicks, QVs | 516268 | 6867170 | <0.2 |
| 65372 | 2 | 1m chip rusty QV outcrop, slickensides | 516187 | 6867182 | <0.2 |

| | | | | | |
|---|---|---|---|---|---|
| 65373 | 109 | 20 chips & pebbles QV float w/ pyrite, limonite, phyllite host | 516187 | 6867353 | **0.4** |
| 65374 | 50 | 2m chip contact grit-phyll, silicified, rusty, slicks, minor aspy. | 516178 | 6867408 | **0.4** |
| 65375 | 4 | 50cm chip across fault in grit, rusty, silicified, minor QVs, strong slicks | 516160 | 6867428 | <0.2 |
| 65376 | 5 | 20 chips boulders, rusty, slicks, at contact slate sandstone phyllites | 516041 | 6867441 | <0.2 |
| 65377 | 2 | 3m chip quartzite subcrop, slicks, minor FeOx, crackle silicified | 515990 | 6867655 | <0.2 |
| 65378 | 2180 | 7 pebbles & cobbles Q-aspy-scorodite near rusty grit outcrop | 517622 | 6866471 | **6.5** |
| 65379 | 642 | 20 chips several boulders grey-white QV-aspy, scorodite, minor limonite | 517602 | 6866523 | **10.9** |
| 65380 | 481 | 20 chips 2 boulders mottled grey-white QV, aspy- scor when broken | 517537 | 6866761 | **0.5** |
| 65381 | 1060 | chips boulders gry-white QV, minor lim, aspy-scor when broken | 517509 | 6866845 | **16.1** |
| 65382 | 437 | chips boulders white QV, aspy-scor-lim when broken | 517482 | 6866866 | **9.5** |
| 65383 | 85 | chips boulders white QV, minor aspy-scor-lim when broken | 517484 | 6866905 | **1.4** |
| 65384 | 18 | 20 chips boulders, v rusty QV at grit contact | 517463 | 6866732 | <0.2 |
| 99091 | 11 | Matt's samples | NA | NA | <0.2 |
| 99092 | 3 | | NA | NA | <0.2 |
| 99093 | 2 | grab subcrop vuggy QV, red-orange stain, 2m x 10m area | 516796 | 6868610 | <0.2 |
| 99094 | 10 | grab subcrop limonitic rock, red-orange stain, 20m x 20m area | 517275 | 6868949 | <0.2 |
| 99095 | 4 | grab talus granite (?) w/ pyrite, tr galena - Matt | 516993 | 6867598 | **0.6** |
| 99096 | 3 | grab talus quartzite, rusty, altered, representative of area | 517619 | 6867946 | **0.8** |
| 19985 | 3 | | 517361 | 6866398 | 1 |
| SR 19945 | 14 | | 523605 | 6866846 | <0.2 |
| SR 19946 | 4 | | 523708 | 6867558 | <0.2 |
| SR 19947 | 8 | | 524036 | 6867655 | <0.2 |
| SR 19948 | 2 | | 521315 | 6867688 | <0.2 |
| SR 19949 | 3 | | 519715 | 6871389 | <0.2 |
| SR 19950 | 3 | | 520149 | 6871476 | <0.2 |
| SR 19951 | 4 | | 520411 | 6871430 | <0.2 |
| SR 19952 | <2 | | 517375 | 6864634 | <0.2 |
| SR 19953 | 227 | | 517437 | 6864632 | <0.2 |

tr = trace aspy=arsenopyrite py=pyrite QV=quartz vein lim=limonite
v=very Q=quartz FeOx=iron oxide slicks=slickensides bxia=breccia
frags=fragments scor=scorodite gry=grey phyll=phyllite f.g.=fine-grained
sst=sandstone

# APPENDIX 3.

AGAT LABORATORIES – ANALYTICAL PROCEDURES, 2011

# Sample Preparation Methodology Summary

## DRYING OF MINERAL TESTING SAMPLES – MINING BRANCH OFFICES OVERVIEW: MIN-200-12008

### INTRODUCTION AND SCOPE

This procedure describes the process for drying samples that will undergo analysis in the Mining Geochemistry Assay Division. Most samples contain certain amount of water as a hydrate or as occluded or surface absorbed water. There are several factors affecting moisture content including atmospheric humidity and particle size. Drying is the first step for sample preparation and is required to ensure that a homogeneous sample can be obtained. This will reduce error and bias in the analyses. Upon arrival the samples may appear dry, wet or excessively wet, however most samples require drying, as a pretreatment for the assigned tests such as sieving, fusions, digestions, etc. The types of samples include rocks, core and other drill samples, minerals, concentrates, tills, sands, soils, stream sediments, and dump and grab samples.

### PRINCIPLE OF THE METHOD

The purpose of drying is usually to make the sample anhydrous or to remove absorbed moisture but retain chemically combined water. Drying temperatures above 100°C result in the loss of the water of hydration of some minerals, which affects the mass balance of whole rock analysis. It is preferred to dry samples at lower temperatures for extended periods of time (12 – 24 hours). Once the samples are received, they are placed into trays that will go in the oven at 60 ± 10°C for a period of time depending on the sample. Afterwards, the samples will be ready for the next step of analysis.

### SAMPLE REQUIREMENTS

The whole amount of sample received should be dried. The temperature of the drying oven should be set at 60 ± 10°C.

**DETERMINATION OF GOLD, PLATINUM AND PALLADIUM IN GEOLOGICAL SAMPLES BY LEAD FUSION FIRE ASSAY WITH INDUCTIVELY COUPLED PLASMA – OPTICAL EMISSION SPECTROSCOPY (ICP-OES) FINISH OVERVIEW: MIN-200-12006**

## INTRODUCTION AND SCOPE

This method determines the concentration of gold, platinum and palladium in many types of solid matrices by Inductively Coupled Plasma - Optical Emission Spectroscopy (ICP-OES) following fire assay and aqua regia digestion of the raw material. The types of samples include rocks, core and other drill samples, minerals, concentrates, tills, sands, soils, stream sediments, slurries, and dump and grab samples.

## PRINCIPLE OF THE METHOD

Once the samples have undergone Fire Assay treatment, the resultant doré bead is attacked by wet chemical digestion (aqua regia) and then the instrumental finish is carried out using ICP-OES.

Inductively Coupled Plasma – Optical Emission Spectroscopy is an analytical technique used for the detection of trace metals. It is a type of emission spectroscopy that uses the inductively coupled plasma to produce excited atoms and ions that emit electromagnetic radiation at wavelengths characteristic of a particular element. The intensity of this emission is indicative of the concentration of the element within the sample.

## SAMPLE REQUIREMENTS

The samples received may need preparation, or may be prepared by the client (ready as received), or prepared by a different company. Thus, unless the sample is specifically defined as dry, the sample needs to be dried at 60°C. Some samples may also require crushing, splitting and/or milling depending on the package selected by the client and the type of material to be analyzed. The samples are treated to fire assay and then the bead doré is submitted to digestion.

### Quality Control

Reagent Blank: is run every 20 samples or once per fire assay set.

QC Solutions: are run at the beginning and end of the instrument data acquisition and also run every 20 samples for Calibration Verification.

Certified Reference Materials (CRM): a reference materials is used to verify calibration and fire assay conditions. A certified reference material must be weighed at least every 20 samples or once per fire assay set.

Replicates: every 20 samples or once per fire assay set a sample is chosen at random and weighed and fused in replicate.

Method Blank: every 40 samples or once per fire assay set a blank is fused (containing no sample).

**DETERMINATION OF METALS IN GEOLOGICAL SAMPLES USING AN AQUA REGIA (NITRIC AND HYDROCHLORIC ACID) DIGESTION AND A COMBINATION OF INDUCTIVELY COUPLED PLASMA – OPTICAL EMISSION SPECTROSCOPY (ICP-OES) AND INDUCTIVELY COUPLED PLASMA MASS SPECTROSCOPY (ICP-MS) OVERVIEW: MIN-200-12018**

## INTRODUCTION AND SCOPE

This method describes the digestion with four acids in many types of solid matrices prior to instrumental determination by Inductively Coupled Plasma - Optical Emission Spectroscopy (ICP-OES) and Inductively Coupled Plasma – Mass Spectrometry (ICP-MS). The types of samples include metal bearing ores and related materials, rocks, core and other drill samples, minerals, concentrates, tills, sands, soils, stream sediments, and dump and grab samples.

## PRINCIPLE OF THE METHOD

Aqua Regia digestions are used in the digestion of certain geological samples and are effective for most base metal sulphates, sulphides, oxides and carbonates. It is noted that aqua regia only provides a partial digestion for most rock forming elements and elements of a refractory nature. Each sample of ~ 1.0 g is digested with a 3:1 hot mixture of hydrochloric and nitric acids for one hour. The resultant product is dissolved and diluted to 50 mL with deionized water. An aliquot is measured by a suitable spectrometry instrument.

## SAMPLE REQUIREMENTS

The samples received may need preparation, or may be prepared by the client (ready as received), or prepared by a different company. Thus, unless the sample is specifically defined as dry, the sample needs to be dried at 60°C. Some samples may also require crushing, splitting and/or milling depending on the package selected by the client and the type of material to be analyzed.

There are no holding times; however there is the possibility of sulfide oxidation (sample has been received already prepared but the sample is hard). The minimum amount of sample required is 0.5g.

## QUALITY CONTROL

Reagent Blank: is run randomly once in every group of up to 30 samples.

QC Solutions: are run at the beginning and end of the instrument data acquisition and also run every 20 samples for Calibration Verification.

Certified Reference Materials (CRM): a reference materials is used to verify digestion conditions. A certified reference material must be weighed at least every 20 samples or once per digestion set.

Replicates: every 20 samples or once per digestion set a sample is chosen at random and weighed and digested in replicate.

**REPORTING**

The analyst reviews the results ensuring the blanks, certified reference materials, QC and replicates satisfy acceptance criteria. Data is transferred into the LIMS system by the analyst and the Lab Supervisor or General Manager authorizes the release to the customer. The results are reported in either weight % or mg/L, with a maximum of six significant figures (3 or 4 decimal places depending on the element). All data is kept with each file folder containing the COC and all relevant documentation.

**51 Elements**

| | |
|---|---|
| Ag | Ni |
| Al | P |
| As | Pb |
| Au* | Rb |
| B | Re |
| Ba | S |
| Be | Sb |
| Bi | Sc |
| Ca | Se |
| Cd | Sn |
| Ce | Sr |
| Co | Ta |
| Cr | Te |

| | |
|---|---|
| Cs | Th |
| Cu | Ti |
| Fe | Tl |
| Ga | U |
| Ge | V |
| Hf | W |
| Hg | Y |
| In | Zn |
| K | Zr |
| La | |
| Li | |
| Mg | |
| Mn | |
| Mo | |
| Na | |
| Nb | |

*** Please note Gold detection is only suitable for exploration purposes**

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CLIENT NAME: BEARING RESOURCES
1280 - 625 HOWE STREET
VANCOUVER, BC V6C2T6

ATTENTION TO: DAVE TUPPER

PROJECT NO: HY-JAY

AGAT WORK ORDER: 11Y511032

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jul 29, 2011

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES
VERSION 1:Corrected copy: sample descriptions 65637-65650

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



*Results relate only to the items tested*

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| 19524 (-) | <0.2 | 2.01 | 26 | 8 | 22 | 0.5 | <1 | 0.29 | <0.5 | 147 | 57.1 | 28.5 | 155 | 8.75 |
| 19525 (-) | <0.2 | 0.86 | 25 | <5 | 17 | <0.5 | <1 | <0.01 | <0.5 | 52 | 6.7 | 13.4 | 44.3 | 4.51 |
| 19526 (-) | <0.2 | 2.65 | 57 | 8 | 15 | 0.8 | <1 | 0.01 | <0.5 | 279 | 86.6 | 37.9 | 224 | 14.6 |
| 19530 (-) | <0.2 | 2.41 | 59 | <5 | 28 | 1.2 | <1 | 0.18 | <0.5 | 37 | 63.5 | 25.1 | 87.8 | 4.96 |
| 65637 | <0.2 | 2.07 | 2750 | <5 | 76 | 0.5 | <1 | 0.07 | <0.5 | 85 | 15.7 | 156 | 26.2 | 3.03 |
| 65638 | 1.3 | 0.47 | >10000 | <5 | 26 | <0.5 | <1 | 0.06 | <0.5 | 39 | 6.1 | 233 | 16.8 | 4.10 |
| 65639 | 4.4 | 0.35 | >10000 | 7 | 27 | <0.5 | 5 | 0.03 | <0.5 | 38 | 2.1 | 137 | 9.5 | 7.85 |
| 65640 | >100 | 0.15 | >10000 | 13 | 12 | <0.5 | 32 | 0.03 | 11.6 | 37 | 2.5 | 49.5 | 48.7 | 15.7 |
| 65641 | >100 | 0.19 | >10000 | 10 | 18 | <0.5 | 53 | <0.01 | 45.6 | 24 | 2.6 | 158 | 89.8 | 7.39 |
| 65642 | 18.4 | 0.72 | 9500 | <5 | 45 | <0.5 | <1 | 0.02 | 0.9 | 43 | 37.5 | 275 | 9.2 | 2.00 |
| 65643 | 1.2 | 0.17 | 794 | <5 | 3 | <0.5 | <1 | 0.05 | <0.5 | 25 | 2.9 | 393 | 20.8 | 0.93 |
| 65644 | <0.2 | 0.35 | 105 | <5 | 7 | <0.5 | <1 | 1.42 | <0.5 | 16 | 2.8 | 267 | 13.7 | 1.53 |
| 65645 | <0.2 | 0.19 | 42 | <5 | 1 | <0.5 | <1 | 0.04 | <0.5 | 4 | 1.4 | 335 | 5.4 | 0.61 |
| 65646 | <0.2 | 0.13 | 38 | <5 | 7 | <0.5 | <1 | 0.01 | <0.5 | 6 | 1.0 | 344 | 4.4 | 0.52 |
| 65647 | <0.2 | 0.46 | 38 | <5 | 23 | <0.5 | <1 | 0.18 | <0.5 | 18 | 1.2 | 276 | 6.9 | 0.69 |
| 65648 | <0.2 | 0.94 | 20 | <5 | 139 | <0.5 | <1 | 5.99 | <0.5 | 55 | 5.5 | 64.0 | 2.2 | 2.60 |
| 65649 | <0.2 | 0.31 | 14 | <5 | 25 | <0.5 | <1 | 1.50 | <0.5 | 12 | 2.2 | 239 | 28.3 | 0.99 |
| 65650 | <0.2 | 0.83 | 10 | 5 | 74 | <0.5 | <1 | 4.92 | <0.5 | 53 | 18.7 | 142 | 15.4 | 4.52 |
| 65351 | <0.2 | 0.51 | 26 | <5 | 55 | <0.5 | <1 | 13.2 | <0.5 | 31 | 6.9 | 34.6 | 21.3 | 2.18 |
| 65352 | <0.2 | 0.11 | 14 | <5 | 9 | <0.5 | <1 | 2.12 | <0.5 | 7 | 3.5 | 259 | 3.5 | 0.78 |
| 65353 | <0.2 | 0.04 | 6 | <5 | 3 | <0.5 | <1 | 0.03 | <0.5 | 1 | 1.0 | 353 | 3.6 | 0.43 |
| 65354 | <0.2 | 0.18 | 6 | <5 | 7 | <0.5 | <1 | <0.01 | <0.5 | 5 | 1.8 | 374 | 10.9 | 0.77 |
| 65355 | <0.2 | 0.14 | 7 | <5 | 2 | <0.5 | <1 | 0.01 | <0.5 | 4 | 1.0 | 319 | 5.1 | 0.48 |
| 65356 | 0.2 | 0.46 | >10000 | 9 | 23 | <0.5 | 2 | 0.03 | <0.5 | 27 | 7.5 | 245 | 9.1 | 6.05 |
| 65357 | <0.2 | 0.75 | >10000 | 8 | 30 | <0.5 | <1 | 0.04 | <0.5 | 31 | 6.7 | 227 | 6.2 | 2.90 |
| 65358 | <0.2 | 0.16 | 348 | <5 | 6 | <0.5 | <1 | 0.02 | <0.5 | 13 | 2.2 | 326 | 9.3 | 1.66 |
| 19625 | <0.2 | 0.74 | 24 | <5 | 7 | <0.5 | <1 | <0.01 | <0.5 | 23 | 2.5 | 319 | 12.0 | 1.44 |
| 19626 | <0.2 | 0.21 | 57 | <5 | 4 | <0.5 | <1 | <0.01 | <0.5 | 9 | 2.4 | 343 | 4.9 | 0.58 |
| 19627 | <0.2 | 0.74 | 12 | <5 | 14 | <0.5 | <1 | 0.02 | <0.5 | 20 | 2.3 | 258 | 7.3 | 1.40 |
| 19653 | 0.3 | 1.12 | 10 | <5 | 5 | <0.5 | <1 | 0.09 | <0.5 | 8 | 3.2 | 253 | 25.9 | 2.46 |
| 19654 | <0.2 | 0.72 | 47 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 28 | 1.8 | 280 | 6.2 | 1.15 |
| 19655 | 0.2 | 0.03 | 10 | <5 | 3 | <0.5 | <1 | <0.01 | <0.5 | 45 | 4.7 | 386 | 35.0 | 2.11 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| 19514 | <0.2 | 0.21 | 8 | <5 | 8 | <0.5 | <1 | 1.60 | <0.5 | 9 | 1.4 | 323 | 29.1 | 0.80 |
| 19515 | <0.2 | 0.15 | 4730 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 9 | 1.5 | 327 | 4.4 | 1.12 |
| 19516 | 3.5 | 0.88 | >10000 | 7 | 41 | <0.5 | <1 | 0.05 | <0.5 | 38 | 4.7 | 238 | 5.7 | 2.29 |
| 19517 | 2.4 | 0.24 | >10000 | 6 | 16 | <0.5 | 4 | <0.01 | <0.5 | 18 | 2.6 | 269 | 7.1 | 5.37 |
| 19518 | <0.2 | 0.48 | >10000 | <5 | 19 | <0.5 | <1 | 0.06 | <0.5 | 21 | 6.8 | 311 | 6.5 | 3.65 |
| 19519 | <0.2 | 0.36 | 527 | 10 | 11 | <0.5 | <1 | <0.01 | <0.5 | 23 | 3.4 | 279 | 13.3 | 0.86 |
| 19520 | <0.2 | 0.52 | 1830 | <5 | 22 | <0.5 | <1 | <0.01 | <0.5 | 40 | 17.8 | 271 | 10.2 | 1.20 |
| 19521 | <0.2 | 1.00 | >10000 | <5 | 147 | <0.5 | <1 | 0.02 | <0.5 | 47 | 2.0 | 164 | 4.4 | 1.97 |
| 19522 | <0.2 | 0.08 | 67 | <5 | 2 | <0.5 | <1 | <0.01 | <0.5 | 3 | 2.7 | 312 | 9.5 | 0.77 |
| 19523 | <0.2 | 0.70 | 14 | <5 | 16 | <0.5 | <1 | <0.01 | <0.5 | 32 | 3.2 | 264 | 7.9 | 1.37 |
| 19527 | 0.6 | 0.62 | 9 | <5 | 38 | <0.5 | <1 | 0.01 | <0.5 | 53 | 6.1 | 258 | 70.6 | 5.49 |
| 19528 | <0.2 | 2.31 | 34 | <5 | 46 | <0.5 | <1 | 3.38 | <0.5 | 50 | 12.3 | 74.2 | 36.1 | 4.46 |
| 19529 | <0.2 | 0.62 | 6 | <5 | 12 | <0.5 | <1 | 0.03 | <0.5 | 15 | 4.0 | 247 | 21.2 | 1.37 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| 19524 (-) | <5 | <1 | <1 | 0.03 | 55 | 38 | 0.51 | 1520 | 2.5 | <0.01 | 81.8 | 691 | 60.2 | <10 |
| 19525 (-) | <5 | <1 | <1 | 0.02 | 19 | 13 | 0.22 | 333 | 1.3 | <0.01 | 14.9 | 542 | 22.7 | <10 |
| 19526 (-) | <5 | 1 | <1 | 0.04 | 36 | 31 | 0.35 | 1730 | 5.3 | <0.01 | 79.8 | 778 | 150 | <10 |
| 19530 (-) | <5 | <1 | <1 | 0.02 | 15 | 70 | 0.96 | 2840 | 1.9 | <0.01 | 103 | 420 | 32.4 | <10 |
| 65637 | <5 | <1 | <1 | 0.33 | 45 | 56 | 0.96 | 823 | 2.3 | 0.03 | 29.5 | 198 | 20.0 | 28 |
| 65638 | <5 | <1 | <1 | 0.14 | 20 | 9 | 0.15 | 267 | 2.8 | 0.01 | 14.3 | 151 | 166 | <10 |
| 65639 | <5 | <1 | <1 | 0.17 | 15 | 2 | 0.03 | 204 | 2.0 | 0.01 | 4.5 | 86 | 1100 | 11 |
| 65640 | <5 | <1 | <1 | 0.07 | 12 | <1 | <0.01 | 56 | 9.8 | <0.01 | <0.5 | 125 | >10000 | 10 |
| 65641 | <5 | <1 | <1 | 0.06 | 9 | <1 | <0.01 | 45 | 4.7 | <0.01 | 5.0 | 103 | >10000 | <10 |
| 65642 | <5 | <1 | <1 | 0.05 | 23 | 6 | 0.07 | 798 | 2.3 | <0.01 | 62.8 | 62 | 6440 | <10 |
| 65643 | <5 | <1 | <1 | <0.01 | 9 | 3 | 0.05 | 205 | 3.0 | 0.02 | 12.2 | 93 | 422 | <10 |
| 65644 | <5 | <1 | <1 | 0.03 | 7 | 7 | 0.10 | 430 | 2.6 | <0.01 | 11.0 | 108 | 82.6 | <10 |
| 65645 | <5 | <1 | <1 | <0.01 | 2 | 5 | 0.07 | 112 | 3.1 | <0.01 | 7.6 | 62 | 36.7 | <10 |
| 65646 | <5 | <1 | <1 | 0.02 | 3 | 2 | 0.04 | 151 | 3.6 | <0.01 | 7.2 | 46 | 18.9 | <10 |
| 65647 | <5 | <1 | <1 | 0.11 | 8 | 6 | 0.11 | 321 | 2.8 | 0.01 | 7.6 | 63 | 53.6 | <10 |
| 65648 | <5 | <1 | <1 | 0.32 | 23 | 21 | 3.20 | 694 | 1.5 | <0.01 | 13.4 | 486 | 6.9 | 34 |
| 65649 | <5 | <1 | <1 | 0.06 | 5 | 5 | 0.60 | 337 | 2.4 | <0.01 | 10.2 | 122 | 23.3 | <10 |
| 65650 | <5 | <1 | <1 | 0.12 | 21 | 23 | 2.84 | 1710 | 1.1 | 0.05 | 91.9 | 1030 | 5.9 | 18 |
| 65351 | <5 | <1 | <1 | 0.15 | 11 | 5 | 1.45 | 1220 | 1.4 | 0.02 | 21.5 | 519 | 7.6 | 22 |
| 65352 | <5 | <1 | <1 | 0.02 | 2 | <1 | 0.49 | 318 | 3.0 | 0.03 | 11.2 | 1050 | 2.6 | <10 |
| 65353 | <5 | <1 | <1 | <0.01 | <1 | <1 | 0.02 | 43 | 3.9 | <0.01 | 7.3 | 44 | 2.3 | <10 |
| 65354 | <5 | <1 | <1 | 0.02 | 3 | 5 | 0.07 | 46 | 3.9 | <0.01 | 8.9 | 40 | 9.4 | <10 |
| 65355 | <5 | <1 | <1 | <0.01 | 2 | 3 | 0.04 | 88 | 3.9 | 0.01 | 7.0 | 30 | 2.9 | <10 |
| 65356 | <5 | <1 | <1 | 0.12 | 8 | 7 | 0.11 | 137 | 3.3 | 0.02 | 12.8 | 53 | 34.0 | <10 |
| 65357 | <5 | <1 | <1 | 0.17 | 13 | 15 | 0.24 | 228 | 3.1 | 0.03 | 15.3 | 81 | 15.1 | 13 |
| 65358 | <5 | <1 | <1 | 0.03 | 5 | 2 | 0.03 | 97 | 3.5 | 0.04 | 7.7 | 60 | 30.7 | <10 |
| 19625 | <5 | <1 | <1 | 0.04 | 10 | 19 | 0.27 | 174 | 3.4 | 0.01 | 15.4 | 68 | 11.7 | <10 |
| 19626 | <5 | <1 | <1 | 0.02 | 4 | 2 | 0.02 | 62 | 3.1 | <0.01 | 10.7 | 31 | 2.5 | <10 |
| 19627 | <5 | <1 | <1 | 0.05 | 8 | 16 | 0.26 | 599 | 2.6 | <0.01 | 12.7 | 91 | 2.6 | <10 |
| 19653 | <5 | <1 | <1 | 0.03 | 3 | 31 | 0.49 | 255 | 2.2 | <0.01 | 14.4 | 360 | 32.5 | <10 |
| 19654 | <5 | <1 | <1 | 0.07 | 12 | 13 | 0.22 | 253 | 2.6 | 0.02 | 9.9 | 120 | 48.5 | <10 |
| 19655 | <5 | <1 | <1 | <0.01 | 22 | <1 | 0.01 | 125 | 4.5 | <0.01 | 18.8 | 36 | 55.7 | <10 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| 19514 | <5 | <1 | <1 | 0.04 | 3 | 5 | 0.06 | 249 | 4.1 | 0.02 | 6.2 | 66 | 1.3 | <10 |
| 19515 | <5 | <1 | <1 | 0.07 | 5 | <1 | <0.01 | 198 | 3.7 | <0.01 | 8.1 | 47 | 0.9 | <10 |
| 19516 | <5 | <1 | <1 | 0.20 | 20 | 20 | 0.33 | 202 | 3.2 | 0.02 | 18.1 | 177 | 253 | 15 |
| 19517 | <5 | <1 | <1 | 0.09 | 6 | 1 | 0.02 | 58 | 3.1 | <0.01 | 8.5 | 53 | 170 | <10 |
| 19518 | <5 | <1 | <1 | 0.06 | 11 | 6 | 0.09 | 216 | 3.8 | 0.01 | 16.1 | 138 | 64.4 | <10 |
| 19519 | <5 | <1 | <1 | 0.05 | 12 | 4 | 0.05 | 65 | 2.0 | 0.01 | 10.3 | 51 | 44.1 | <10 |
| 19520 | <5 | <1 | <1 | 0.03 | 14 | 10 | 0.19 | 298 | 1.5 | 0.04 | 21.2 | 30 | 5.4 | <10 |
| 19521 | <5 | <1 | <1 | 0.11 | 24 | 18 | 0.40 | 228 | 1.4 | 0.06 | 10.3 | 23 | 12.1 | <10 |
| 19522 | <5 | <1 | <1 | <0.01 | <1 | 2 | 0.03 | 65 | 3.7 | <0.01 | 11.7 | <10 | 3.0 | <10 |
| 19523 | <5 | <1 | <1 | 0.08 | 9 | 16 | 0.20 | 136 | 2.5 | 0.01 | 15.1 | 53 | 4.0 | <10 |
| 19527 | <5 | <1 | <1 | 0.14 | 20 | 8 | 0.13 | 240 | 2.7 | 0.04 | 18.9 | 189 | 306 | 12 |
| 19528 | <5 | <1 | <1 | 0.19 | 23 | 72 | 1.65 | 2750 | 1.9 | 0.04 | 29.4 | 304 | 22.5 | 24 |
| 19529 | <5 | <1 | <1 | 0.05 | 6 | 21 | 0.24 | 164 | 3.3 | <0.01 | 18.0 | 61 | 11.9 | <10 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| 19524 (-) | 0.088 | <1 | 3.1 | <10 | <5 | 14.2 | <10 | <10 | 21 | <0.01 | <5 | <5 | 22.0 | <1 |
| 19525 (-) | 0.052 | <1 | 0.7 | <10 | <5 | 3.3 | <10 | <10 | 5 | 0.01 | <5 | <5 | 17.2 | <1 |
| 19526 (-) | 0.412 | <1 | 5.3 | <10 | <5 | 5.2 | <10 | <10 | 54 | <0.01 | <5 | <5 | 23.8 | <1 |
| 19530 (-) | 0.119 | <1 | 2.2 | <10 | <5 | 12.0 | <10 | <10 | 6 | <0.01 | <5 | <5 | 20.2 | <1 |
| 65637 | 0.030 | <1 | 2.2 | <10 | <5 | 52.4 | <10 | <10 | 8 | <0.01 | <5 | <5 | 21.2 | <1 |
| 65638 | 1.46 | 10 | 1.0 | <10 | <5 | 37.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 8.3 | <1 |
| 65639 | 0.637 | 18 | 0.8 | <10 | <5 | 80.7 | <10 | <10 | 7 | <0.01 | <5 | <5 | 6.9 | <1 |
| 65640 | 3.98 | 92 | <0.5 | 11 | <5 | 147 | <10 | <10 | 7 | <0.01 | <5 | 5 | 8.4 | <1 |
| 65641 | 3.60 | 318 | <0.5 | 25 | <5 | 4.1 | <10 | <10 | 7 | <0.01 | 8 | <5 | 6.0 | <1 |
| 65642 | 0.374 | 9 | <0.5 | <10 | <5 | 17.1 | <10 | <10 | 6 | <0.01 | <5 | <5 | 5.1 | <1 |
| 65643 | 0.214 | 1 | <0.5 | <10 | <5 | 0.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.9 | <1 |
| 65644 | 0.026 | 2 | 0.9 | <10 | <5 | 13.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 6.9 | <1 |
| 65645 | <0.005 | <1 | <0.5 | <10 | <5 | <0.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.0 | <1 |
| 65646 | <0.005 | <1 | <0.5 | <10 | <5 | <0.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.7 | <1 |
| 65647 | <0.005 | <1 | <0.5 | <10 | <5 | 5.0 | <10 | <10 | 5 | <0.01 | <5 | <5 | 6.0 | <1 |
| 65648 | 0.079 | 2 | 3.0 | <10 | <5 | 90.8 | <10 | <10 | 5 | <0.01 | <5 | <5 | 14.3 | <1 |
| 65649 | 0.021 | 2 | 1.2 | <10 | <5 | 16.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 9.1 | <1 |
| 65650 | 0.063 | <1 | 7.0 | <10 | <5 | 76.3 | <10 | <10 | <5 | 0.06 | <5 | <5 | 62.4 | <1 |
| 65351 | 0.193 | 4 | 6.0 | <10 | 11 | 326 | <10 | <10 | <5 | <0.01 | <5 | <5 | 16.3 | <1 |
| 65352 | 0.032 | 2 | 1.5 | <10 | <5 | 69.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 7.5 | <1 |
| 65353 | <0.005 | <1 | <0.5 | <10 | <5 | 1.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 1.9 | <1 |
| 65354 | 0.011 | <1 | <0.5 | <10 | <5 | 2.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.1 | <1 |
| 65355 | <0.005 | <1 | <0.5 | <10 | <5 | <0.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.8 | <1 |
| 65356 | 3.02 | 15 | 0.8 | 11 | <5 | 12.7 | <10 | <10 | 9 | <0.01 | <5 | <5 | 8.4 | <1 |
| 65357 | 1.02 | 4 | 1.1 | <10 | <5 | 20.4 | <10 | <10 | 9 | <0.01 | <5 | <5 | 11.5 | <1 |
| 65358 | 0.575 | <1 | 0.5 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.1 | <1 |
| 19625 | 0.005 | <1 | 0.8 | <10 | <5 | 1.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 9.8 | <1 |
| 19626 | <0.005 | <1 | <0.5 | <10 | <5 | 1.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.0 | <1 |
| 19627 | 0.036 | <1 | 1.3 | <10 | <5 | 0.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.2 | <1 |
| 19653 | 0.023 | <1 | 1.0 | <10 | <5 | 2.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 13.3 | <1 |
| 19654 | <0.005 | <1 | 0.8 | <10 | <5 | 1.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 10.2 | <1 |
| 19655 | 0.010 | 3 | <0.5 | <10 | <5 | <0.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.6 | <1 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| 19514 | 0.028 | 2 | 1.2 | <10 | <5 | 96.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.2 | <1 |
| 19515 | 0.061 | 1 | <0.5 | <10 | <5 | 7.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.5 | <1 |
| 19516 | 0.524 | 2 | 1.1 | <10 | <5 | 12.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.9 | <1 |
| 19517 | 2.46 | 16 | <0.5 | 14 | <5 | 4.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 5.4 | <1 |
| 19518 | 1.61 | 7 | 0.6 | <10 | <5 | 8.5 | <10 | <10 | 5 | <0.01 | <5 | <5 | 6.3 | <1 |
| 19519 | 0.023 | <1 | 0.8 | <10 | <5 | 4.1 | <10 | <10 | 6 | <0.01 | <5 | <5 | 4.5 | <1 |
| 19520 | 0.047 | <1 | 0.9 | <10 | <5 | 4.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 7.1 | <1 |
| 19521 | 0.136 | <1 | 1.7 | <10 | <5 | 101 | <10 | <10 | 6 | <0.01 | <5 | <5 | 10.7 | <1 |
| 19522 | <0.005 | <1 | <0.5 | <10 | <5 | <0.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.2 | <1 |
| 19523 | <0.005 | <1 | 0.8 | <10 | <5 | 3.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 8.4 | <1 |
| 19527 | 0.371 | <1 | 2.0 | <10 | <5 | 9.6 | <10 | <10 | 10 | <0.01 | <5 | <5 | 10.0 | <1 |
| 19528 | 2.00 | <1 | 3.4 | <10 | <5 | 44.2 | <10 | <10 | 10 | <0.01 | <5 | <5 | 21.2 | <1 |
| 19529 | 0.067 | <1 | 0.6 | <10 | <5 | 0.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 8.1 | <1 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | Ag-OL | As-OL | Pb-OL |
|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | ppm | % | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.5 | 0.01 | 0.05 |
| 19524 (-) | 8 | 154 | <5 | | | |
| 19525 (-) | 2 | 52.9 | <5 | | | |
| 19526 (-) | 9 | 196 | <5 | | | |
| 19530 (-) | 12 | 357 | <5 | | | |
| 65637 | 7 | 60.3 | <5 | | | |
| 65638 | 4 | 26.7 | <5 | | 2.83 | |
| 65639 | 2 | 158 | <5 | | 4.11 | |
| 65640 | 3 | 1010 | <5 | 175 | 5.41 | 3.17 |
| 65641 | 1 | 5350 | <5 | 230 | 4.09 | |
| 65642 | 10 | 299 | <5 | | | |
| 65643 | 1 | 17.7 | <5 | | | |
| 65644 | 2 | 18.1 | <5 | | | |
| 65645 | <1 | 7.8 | <5 | | | |
| 65646 | <1 | 6.1 | <5 | | | |
| 65647 | <1 | 11.8 | <5 | | | |
| 65648 | 11 | 49.8 | <5 | | | |
| 65649 | 4 | 16.0 | <5 | | | |
| 65650 | 7 | 62.5 | <5 | | | |
| 65351 | 10 | 26.2 | 13 | | | |
| 65352 | 4 | 7.1 | <5 | | | |
| 65353 | <1 | 4.6 | <5 | | | |
| 65354 | <1 | 16.4 | <5 | | | |
| 65355 | <1 | 5.2 | <5 | | | |
| 65356 | 1 | 12.4 | <5 | | 3.82 | |
| 65357 | 1 | 16.9 | <5 | | 1.80 | |
| 65358 | <1 | 6.4 | <5 | | | |
| 19625 | <1 | 29.7 | <5 | | | |
| 19626 | <1 | 15.4 | <5 | | | |
| 19627 | 2 | 21.4 | <5 | | | |
| 19653 | <1 | 47.7 | <5 | | | |
| 19654 | 1 | 19.6 | <5 | | | |
| 19655 | 2 | 10.4 | <5 | | | |

Certified By: Ron Cardinall



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | Ag-OL | As-OL | Pb-OL |
|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | ppm | % | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.5 | 0.01 | 0.05 |
| 19514 | 4 | 6.4 | <5 | | | |
| 19515 | 1 | 6.0 | <5 | | | |
| 19516 | 3 | 30.5 | <5 | | 1.14 | |
| 19517 | 1 | 30.4 | <5 | | 3.50 | |
| 19518 | 3 | 25.1 | <5 | | 2.36 | |
| 19519 | 2 | 23.7 | <5 | | | |
| 19520 | 5 | 27.0 | <5 | | | |
| 19521 | 8 | 27.8 | <5 | | 1.02 | |
| 19522 | <1 | 14.7 | <5 | | | |
| 19523 | 2 | 27.1 | <5 | | | |
| 19527 | 6 | 81.1 | 6 | | | |
| 19528 | 5 | 79.6 | <5 | | | |
| 19529 | 1 | 31.3 | <5 | | | |

Comments: RDL - Reported Detection Limit
Corrected copy: sample descriptions 65637-65650

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au | Au-OL |
|---|---|---|---|
| Unit: | kg | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.002 | 0.01 |
| 19524 (-) | 0.432 | 0.025 | - |
| 19525 (-) | 0.486 | 0.008 | - |
| 19526 (-) | 0.496 | 0.036 | - |
| 19530 (-) | 0.562 | 0.035 | - |
| 65637 | 0.43 | 0.151 | - |
| 65638 | 0.45 | 6.06 | - |
| 65639 | 0.45 | >10 | 14.6 |
| 65640 | 0.79 | >10 | 47.0 |
| 65641 | 0.71 | >10 | 19.9 |
| 65642 | 0.53 | 0.485 | - |
| 65643 | 0.44 | 0.057 | - |
| 65644 | 0.73 | 0.027 | - |
| 65645 | 0.57 | 0.005 | - |
| 65646 | 0.76 | 0.005 | - |
| 65647 | 0.53 | 0.008 | - |
| 65648 | 0.49 | 0.004 | - |
| 65649 | 0.65 | 0.005 | - |
| 65650 | 0.46 | 0.004 | - |
| 65351 | 0.64 | 0.006 | - |
| 65352 | 0.62 | <0.002 | - |
| 65353 | 0.57 | <0.002 | - |
| 65354 | 0.52 | 0.002 | - |
| 65355 | 0.68 | 0.005 | - |
| 65356 | 0.59 | 0.926 | - |
| 65357 | 0.67 | 0.192 | - |
| 65358 | 0.90 | 0.029 | - |
| 19625 | 0.86 | 0.010 | - |
| 19626 | 0.47 | 0.005 | - |
| 19627 | 0.75 | 0.004 | - |
| 19653 | 0.42 | 0.005 | - |
| 19654 | 0.66 | 0.012 | - |
| 19655 | 0.50 | 0.017 | - |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 18, 2011 | DATE RECEIVED: Jul 15, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au | Au-OL |
|---|---|---|---|
| Unit: | kg | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.002 | 0.01 |
| 19514 | 1.46 | <0.002 | - |
| 19515 | 1.96 | 0.312 | - |
| 19516 | 1.52 | >10 | 22.0 |
| 19517 | 1.78 | 7.70 | - |
| 19518 | 1.41 | 0.845 | - |
| 19519 | 1.31 | 0.053 | - |
| 19520 | 1.19 | 0.030 | - |
| 19521 | 1.22 | 0.348 | - |
| 19522 | 1.33 | <0.002 | - |
| 19523 | 1.13 | 0.003 | - |
| 19527 | 0.72 | 0.020 | - |
| 19528 | 1.66 | 0.010 | - |
| 19529 | 1.58 | <0.002 | - |

Comments: RDL - Reported Detection Limit
Corrected copy: sample descriptions 65637-65650

Certified By: Ron Cardinall



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

## Solid Analysis

| RPT Date: Jul 29, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | | Lower | Upper |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2547352 | < 0.002 | < 0.002 | 0.0% | < 0.002 | 0.182 | 0.203 | 90% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2547333 | 0.029 | 0.027 | 7.1% | < 0.002 | 0.199 | 0.203 | 98% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2547337 | 0.005 | 0.003 | | < 0.002 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2547312 | < 0.2 | < 0.2 | 0.0% | < 0.2 | 8 | 7 | 116% | 80% | 120% |
| Al | 1 | 2547312 | 2.07 | 2.07 | 0.0% | < 0.01 | 0.349 | 0.359 | 97% | 80% | 120% |
| As | 1 | 2547312 | 2750 | 2720 | 1.1% | < 1 | | | | 80% | 120% |
| B | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2547312 | 76 | 73 | 4.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2547312 | 0.5 | 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2547312 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2547312 | 0.07 | 0.07 | 0.0% | < 0.01 | 0.626 | 0.635 | 99% | 80% | 120% |
| Cd | 1 | 2547312 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2547312 | 85 | 83 | 2.4% | < 1 | | | | 80% | 120% |
| Co | 1 | 2547312 | 15.7 | 15.5 | 1.3% | < 0.5 | 5.6 | 5.0 | 113% | 80% | 120% |
| Cr | 1 | 2547312 | 156 | 155 | 0.6% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2547312 | 26.2 | 26.3 | 0.4% | < 0.5 | 4821 | 4700 | 103% | 80% | 120% |
| Fe | 1 | 2547312 | 3.03 | 3.05 | 0.7% | < 0.01 | 1.23 | 1.31 | 94% | 80% | 120% |
| Ga | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2547312 | < 1 | < 1 | 0.0% | < 1 | 1.3 | 1.3 | 98% | 80% | 120% |
| In | 1 | 2547312 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2547312 | 0.33 | 0.33 | 0.0% | < 0.01 | 0.17 | 0.18 | 95% | 80% | 120% |
| La | 1 | 2547312 | 45 | 44 | 2.2% | < 1 | | | | 80% | 120% |
| Li | 1 | 2547312 | 56 | 56 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2547312 | 0.96 | 0.96 | 0.0% | < 0.01 | 0.1 | 0.098 | 102% | 80% | 120% |
| Mn | 1 | 2547312 | 823 | 780 | 5.4% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2547312 | 2.3 | 1.6 | | < 0.5 | 313 | 280 | 112% | 80% | 120% |
| Na | 1 | 2547312 | 0.03 | 0.03 | 0.0% | < 0.01 | 0.031 | 0.038 | 83% | 80% | 120% |
| Ni | 1 | 2547312 | 29.5 | 28.8 | 2.4% | < 0.5 | 7 | 7 | 98% | 80% | 120% |
| P | 1 | 2547312 | 198 | 186 | 6.3% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2547312 | 20.0 | 19.7 | 1.5% | < 0.5 | 37 | 30 | 125% | 80% | 120% |
| Rb | 1 | 2547312 | 28 | 28 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2547312 | 0.030 | 0.030 | 0.0% | < 0.005 | 0.631 | 0.621 | 102% | 80% | 120% |
| Sb | 1 | 2547312 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2547312 | 2.18 | 2.12 | 2.8% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2547312 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2547312 | 52.4 | 50.4 | 3.9% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2547312 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2547312 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |



Results relate only to the items tested

AGAT Laboratories
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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511032
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Jul 29, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Th | 1 | 2547312 | 8 | 7 | 13.3% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2547312 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 0.011 | 0.011 | 98% | 80% | 120% |
| Tl | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2547312 | 21.2 | 20.8 | 1.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2547312 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2547312 | 7 | 6 | 15.4% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2547312 | 60.3 | 59.3 | 1.7% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2547312 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2547337 | 0.3 | 0.3 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2547337 | 1.12 | 1.12 | 0.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2547337 | 10 | 10 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2547337 | 5 | 5 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2547337 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2547337 | 0.09 | 0.09 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2547337 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2547337 | 8 | 9 | 11.8% | < 1 | 42 | 35 | 119% | 80% | 120% |
| Co | 1 | 2547337 | 3.2 | 3.2 | 0.0% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2547337 | 253 | 247 | 2.4% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2547337 | 25.9 | 25.4 | 1.9% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2547337 | 2.46 | 2.44 | 0.8% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2547337 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2547337 | 3 | 3 | 0.0% | < 1 | 20 | 17 | 118% | 80% | 120% |
| Li | 1 | 2547337 | 31 | 32 | 3.2% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2547337 | 0.495 | 0.503 | 1.6% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2547337 | 255 | 251 | 1.6% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2547337 | 2.2 | 3.1 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2547337 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2547337 | 14.4 | 14.0 | 2.8% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2547337 | 360 | 352 | 2.2% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2547337 | 32.5 | 31.9 | 1.9% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2547337 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2547337 | 0.023 | 0.024 | 4.3% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2547337 | 1.0 | 1.0 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2547337 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2547337 | 2.4 | 2.6 | 8.0% | < 0.5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Jul 29, 2011 | | REPLICATE | | | | | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Method Blank | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | | Lower | Upper |
| Ta | 1 | 2547337 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2547337 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2547337 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 0.05 | 0.07 | 75% | 80% | 120% |
| Tl | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2547337 | 13.3 | 12.9 | 3.1% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2547337 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2547337 | 47.7 | 46.1 | 3.4% | < 0.5 | 176 | 204 | 86% | 80% | 120% |
| Zr | 1 | 2547337 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Method Summary

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Ag | MIN-200-12020 | | ICP/OES |
| Al | MIN-200-12020 | | ICP/OES |
| As | MIN-200-12020 | | ICP/OES |
| B | MIN-200-12020 | | ICP/OES |
| Ba | MIN-200-12020 | | ICP/OES |
| Be | MIN-200-12020 | | ICP/OES |
| Bi | MIN-200-12020 | | ICP/OES |
| Ca | MIN-200-12020 | | ICP/OES |
| Cd | MIN-200-12020 | | ICP/OES |
| Ce | MIN-200-12020 | | ICP/OES |
| Co | MIN-200-12020 | | ICP/OES |
| Cr | MIN-200-12020 | | ICP/OES |
| Cu | MIN-200-12020 | | ICP/OES |
| Fe | MIN-200-12020 | | ICP/OES |
| Ga | MIN-200-12020 | | ICP/OES |
| Hg | MIN-200-12020 | | ICP/OES |
| In | MIN-200-12020 | | ICP/OES |
| K | MIN-200-12020 | | ICP/OES |
| La | MIN-200-12020 | | ICP/OES |
| Li | MIN-200-12020 | | ICP/OES |
| Mg | MIN-200-12020 | | ICP/OES |
| Mn | MIN-200-12020 | | ICP/OES |
| Mo | MIN-200-12020 | | ICP/OES |
| Na | MIN-200-12020 | | ICP/OES |
| Ni | MIN-200-12020 | | ICP/OES |
| P | MIN-200-12020 | | ICP/OES |
| Pb | MIN-200-12020 | | ICP/OES |
| Rb | MIN-200-12020 | | ICP/OES |
| S | MIN-200-12020 | | ICP/OES |
| Sb | MIN-200-12020 | | ICP/OES |
| Sc | MIN-200-12020 | | ICP/OES |
| Se | MIN-200-12020 | | ICP/OES |
| Sn | MIN-200-12020 | | ICP/OES |
| Sr | MIN-200-12020 | | ICP/OES |
| Ta | MIN-200-12020 | | ICP/OES |
| Te | MIN-200-12020 | | ICP/OES |
| Th | MIN-200-12020 | | ICP/OES |
| Ti | MIN-200-12020 | | ICP/OES |
| Tl | MIN-200-12020 | | ICP/OES |
| U | MIN-200-12020 | | ICP/OES |
| V | MIN-200-12020 | | ICP/OES |
| W | MIN-200-12020 | | ICP/OES |
| Y | MIN-200-12020 | | ICP/OES |
| Zn | MIN-200-12020 | | ICP/OES |
| Zr | MIN-200-12020 | | ICP/OES |
| Ag-OL | | | AA |
| As-OL | | | AA |
| Pb-OL | | | AA |
| Sample Login Weight | MIN-12009 | | BALANCE |



Results relate only to the items tested

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# Method Summary

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511032

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Au | MIN-200-12019 | BUGBEE, E: A Textbook of Fire Assaying | AAS |
| Au-OL | | | AA |



Results relate only to the items tested

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http://www.agatlabs.com

CLIENT NAME: BEARING RESOURCES
1280 - 625 HOWE STREET
VANCOUVER, BC V6C2T6

ATTENTION TO: DAVE TUPPER

PROJECT NO:

AGAT WORK ORDER: 11Y511752

SOLID ANALYSIS REVIEWED BY: Patricia Horan, Operations Manager

DATE REPORTED: Aug 15, 2011

PAGES (INCLUDING COVER): 95

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

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



Results relate only to the items tested

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L87N 85+00E | <0.2 | 2.12 | 18 | <5 | 35 | <0.5 | <1 | 0.18 | <0.5 | 67 | 15.8 | 77.0 | 28.2 | 4.57 |
| L87N 85+50E | <0.2 | 1.19 | 12 | <5 | 17 | <0.5 | <1 | 0.01 | <0.5 | 49 | 7.1 | 21.8 | 9.9 | 3.15 |
| L87N 86+00E | <0.2 | 0.98 | 4 | <5 | 19 | <0.5 | <1 | 0.01 | <0.5 | 52 | 5.9 | 18.6 | 13.2 | 2.57 |
| L87N 86+50E | <0.2 | 1.04 | 6 | <5 | 26 | <0.5 | <1 | 0.02 | <0.5 | 38 | 8.9 | 16.4 | 7.8 | 2.06 |
| L87N 87+00E | <0.2 | 2.50 | 13 | <5 | 44 | 0.6 | <1 | 0.02 | <0.5 | 78 | 16.8 | 41.3 | 52.8 | 4.17 |
| L87N 87+50E | <0.2 | 2.26 | 19 | <5 | 42 | 0.5 | <1 | 0.02 | <0.5 | 85 | 15.8 | 34.2 | 41.7 | 3.99 |
| L87N 88+00E | <0.2 | 1.47 | 19 | <5 | 25 | <0.5 | <1 | 0.03 | <0.5 | 63 | 29.3 | 24.4 | 37.0 | 3.73 |
| L87N 88+50E | <0.2 | 2.63 | 23 | <5 | 35 | <0.5 | <1 | 0.02 | <0.5 | 69 | 16.3 | 34.4 | 47.9 | 4.73 |
| L87N 89+00E | <0.2 | 1.83 | 20 | <5 | 14 | <0.5 | <1 | 0.03 | <0.5 | 54 | 5.9 | 24.4 | 43.1 | 3.55 |
| L87N 89+50E | <0.2 | 1.28 | 99 | <5 | 17 | <0.5 | <1 | <0.01 | <0.5 | 37 | 7.4 | 20.4 | 46.5 | 3.36 |
| L87N 90+00E | <0.2 | 1.20 | 34 | <5 | 27 | <0.5 | <1 | 0.01 | <0.5 | 41 | 4.1 | 18.3 | 11.1 | 2.58 |
| L87N 90+50E | <0.2 | 1.44 | 8 | <5 | 9 | <0.5 | <1 | 0.02 | <0.5 | 31 | 3.4 | 21.1 | 18.5 | 2.96 |
| L87N 91+00E | <0.2 | 1.03 | 36 | <5 | 23 | <0.5 | <1 | 0.31 | <0.5 | 38 | 7.3 | 17.5 | 19.2 | 1.99 |
| L87N 91+50E | <0.2 | 2.13 | 41 | <5 | 23 | <0.5 | <1 | 0.03 | <0.5 | 75 | 16.5 | 29.2 | 36.1 | 4.51 |
| L87N 92+00E | <0.2 | 2.54 | 45 | 6 | 15 | <0.5 | <1 | 0.03 | <0.5 | 121 | 18.5 | 38.5 | 72.5 | 5.49 |
| L87N 92+50E | <0.2 | 2.19 | 31 | <5 | 34 | <0.5 | <1 | 0.02 | <0.5 | 79 | 9.2 | 27.6 | 42.3 | 4.15 |
| L87N 93+00E | <0.2 | 1.77 | 20 | <5 | 14 | <0.5 | <1 | 0.02 | <0.5 | 52 | 7.2 | 25.7 | 21.3 | 4.49 |
| L87N 93+50E | <0.2 | 0.97 | 2 | <5 | 12 | <0.5 | <1 | 0.06 | <0.5 | 29 | 7.8 | 10.7 | 14.4 | 1.69 |
| L87N 94+00E | <0.2 | 1.01 | 13 | <5 | 21 | <0.5 | <1 | 0.01 | <0.5 | 47 | 8.2 | 16.3 | 26.4 | 2.43 |
| L87N 94+50E | <0.2 | 1.23 | 5 | <5 | 133 | <0.5 | <1 | 0.10 | <0.5 | 69 | 19.3 | 19.5 | 14.1 | 2.65 |
| L87N 95+00E | <0.2 | 1.58 | 9 | <5 | 47 | <0.5 | <1 | 0.06 | <0.5 | 110 | 16.0 | 31.1 | 26.1 | 3.75 |
| L87N 95+50E | <0.2 | 2.30 | 3 | <5 | 16 | <0.5 | <1 | 0.05 | <0.5 | 38 | 16.7 | 26.8 | 31.3 | 3.55 |
| L87N 96+00E | <0.2 | 2.14 | 8 | <5 | 26 | <0.5 | <1 | 0.03 | <0.5 | 88 | 17.5 | 28.7 | 41.0 | 4.07 |
| L87N 96+50E | <0.2 | 1.18 | 10 | <5 | 35 | <0.5 | <1 | 0.01 | <0.5 | 40 | 7.4 | 19.8 | 16.2 | 2.58 |
| L87N 97+00E | <0.2 | 1.24 | 8 | <5 | 26 | <0.5 | <1 | 0.02 | <0.5 | 38 | 7.8 | 19.5 | 21.3 | 2.89 |
| L87N 97+50E | <0.2 | 1.29 | 7 | <5 | 15 | <0.5 | <1 | 0.02 | <0.5 | 45 | 8.9 | 17.3 | 21.6 | 2.88 |
| L87N 98+00E | <0.2 | 0.85 | 4 | <5 | 20 | <0.5 | <1 | 0.02 | <0.5 | 23 | 2.9 | 10.6 | 9.9 | 1.47 |
| L87N 98+50E | <0.2 | 1.27 | 4 | <5 | 27 | <0.5 | <1 | 0.05 | <0.5 | 50 | 10.3 | 18.1 | 47.3 | 2.17 |
| L87N 99+00E | <0.2 | 1.59 | 6 | <5 | 30 | <0.5 | <1 | 0.02 | <0.5 | 47 | 7.6 | 23.1 | 22.2 | 3.15 |
| L87N 99+50E | <0.2 | 1.26 | 7 | <5 | 16 | <0.5 | <1 | 0.01 | <0.5 | 29 | 6.4 | 16.8 | 9.7 | 2.53 |
| L87N 100+00E | <0.2 | 1.87 | 12 | <5 | 12 | <0.5 | <1 | 0.09 | <0.5 | 65 | 29.7 | 22.2 | 71.3 | 3.31 |
| L87N 100+50E | <0.2 | 0.80 | 4 | <5 | 12 | <0.5 | <1 | 0.02 | <0.5 | 19 | 4.4 | 12.6 | 8.5 | 2.03 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

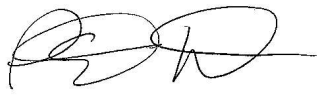
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L87N 101+00E | <0.2 | 1.47 | 7 | <5 | 12 | <0.5 | <1 | 0.02 | <0.5 | 32 | 7.5 | 23.9 | 17.1 | 3.70 |
| L87N 101+50E | <0.2 | 1.69 | 14 | <5 | 25 | <0.5 | <1 | 0.03 | <0.5 | 54 | 7.2 | 29.3 | 20.1 | 4.19 |
| L87N 102+00E | <0.2 | 2.10 | 19 | <5 | 22 | <0.5 | <1 | 0.02 | <0.5 | 79 | 17.9 | 32.7 | 38.7 | 4.55 |
| L87N 102+50E | <0.2 | 2.18 | 10 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 50 | 7.0 | 44.5 | 21.3 | 4.35 |
| L87N 103+00E | <0.2 | 2.00 | 15 | <5 | 22 | <0.5 | <1 | 0.01 | <0.5 | 59 | 6.9 | 31.9 | 18.6 | 5.21 |
| L87N 103+50E | <0.2 | 1.13 | 9 | <5 | 20 | <0.5 | <1 | 0.01 | <0.5 | 40 | 4.4 | 21.6 | 12.2 | 3.73 |
| L87N 104+00E | <0.2 | 1.69 | 15 | <5 | 16 | <0.5 | <1 | <0.01 | <0.5 | 55 | 5.9 | 26.1 | 18.6 | 3.46 |
| L87N 104+50E | <0.2 | 1.35 | 13 | <5 | 17 | <0.5 | <1 | 0.01 | <0.5 | 45 | 5.0 | 20.5 | 15.7 | 2.82 |
| L87N 105+00E | <0.2 | 1.10 | 12 | <5 | 24 | <0.5 | <1 | 0.02 | <0.5 | 38 | 4.6 | 15.5 | 15.7 | 2.24 |
| L87N 105+50E | <0.2 | 2.40 | 32 | <5 | 23 | <0.5 | <1 | 0.07 | <0.5 | 93 | 26.7 | 37.4 | 52.5 | 5.49 |
| L87N 106+00E | <0.2 | 1.07 | 22 | <5 | 32 | <0.5 | <1 | 0.34 | <0.5 | 30 | 5.6 | 10.5 | 46.6 | 1.09 |
| L87N 106+50E | <0.2 | 2.53 | 28 | <5 | 21 | <0.5 | <1 | 0.22 | <0.5 | 88 | 18.2 | 36.6 | 48.1 | 4.90 |
| L87N 107+00E | <0.2 | 2.03 | 28 | 5 | 26 | <0.5 | <1 | 0.18 | <0.5 | 73 | 13.4 | 28.6 | 36.5 | 4.47 |
| L87N 107+50E | <0.2 | 2.11 | 41 | <5 | 25 | 0.8 | <1 | 0.33 | <0.5 | 74 | 28.7 | 27.9 | 60.3 | 3.60 |
| L87N 108+00E | <0.2 | 1.99 | 55 | <5 | 31 | 0.6 | <1 | 0.19 | <0.5 | 69 | 22.9 | 28.6 | 52.3 | 4.08 |
| L87N 108+50E | <0.2 | 2.11 | 24 | <5 | 17 | <0.5 | <1 | 0.07 | <0.5 | 63 | 11.6 | 30.7 | 24.4 | 5.58 |
| L87N 109+00E | <0.2 | 1.91 | 22 | <5 | 31 | <0.5 | <1 | 0.12 | <0.5 | 63 | 17.1 | 24.7 | 34.7 | 3.45 |
| L88N 85+00E | <0.2 | 1.17 | 4 | <5 | 59 | <0.5 | <1 | 0.21 | <0.5 | 47 | 15.2 | 57.7 | 49.3 | 3.22 |
| L88N 85+50E | <0.2 | 1.37 | 10 | <5 | 37 | 0.5 | <1 | 0.08 | <0.5 | 73 | 22.8 | 97.6 | 18.0 | 4.86 |
| L88N 86+00E | <0.2 | 1.12 | 11 | <5 | 42 | 0.5 | <1 | 1.38 | <0.5 | 118 | 14.8 | 15.2 | 11.6 | 2.87 |
| L88N 86+50E | <0.2 | 0.89 | 12 | <5 | 32 | 0.5 | <1 | 1.06 | <0.5 | 130 | 15.2 | 17.2 | 13.5 | 3.10 |
| L88N 87+00E | <0.2 | 2.15 | 12 | <5 | 33 | <0.5 | <1 | 0.02 | <0.5 | 69 | 8.5 | 31.5 | 41.4 | 3.79 |
| L88N 87+50E | <0.2 | 2.39 | 13 | <5 | 34 | 0.5 | <1 | 0.04 | <0.5 | 86 | 17.5 | 37.1 | 51.2 | 4.22 |
| L88N 88+00E | <0.2 | 1.57 | 14 | <5 | 35 | <0.5 | <1 | 0.02 | <0.5 | 43 | 5.3 | 18.8 | 27.8 | 2.90 |
| L88N 88+50E | <0.2 | 1.75 | 9 | <5 | 25 | <0.5 | <1 | 0.02 | <0.5 | 45 | 4.6 | 25.1 | 17.9 | 3.40 |
| L88N 89+00E | <0.2 | 2.07 | 27 | <5 | 12 | <0.5 | <1 | <0.01 | <0.5 | 43 | 3.1 | 29.5 | 15.7 | 4.73 |
| L88N 89+50E | <0.2 | 0.55 | 13 | <5 | 18 | <0.5 | <1 | 0.02 | <0.5 | 16 | 2.2 | 6.5 | 5.0 | 0.77 |
| L88N 90+00E | <0.2 | 1.52 | 37 | <5 | 16 | <0.5 | <1 | 0.01 | <0.5 | 59 | 8.3 | 22.9 | 35.4 | 3.13 |
| L88N 90+50E | <0.2 | 1.82 | 32 | <5 | 22 | <0.5 | <1 | 0.03 | <0.5 | 44 | 7.7 | 26.3 | 45.2 | 3.73 |
| L88N 91+00E | <0.2 | 1.61 | 29 | 5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 51 | 5.2 | 26.5 | 37.7 | 4.43 |
| L88N 91+50E | 0.3 | 1.74 | 24 | <5 | 38 | <0.5 | <1 | 0.02 | <0.5 | 61 | 4.8 | 26.0 | 24.0 | 4.17 |
| L88N 92+00E | <0.2 | 1.72 | 11 | <5 | 20 | <0.5 | <1 | 0.02 | <0.5 | 51 | 4.8 | 27.9 | 20.3 | 4.05 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L88N 92+50E | <0.2 | 2.50 | 35 | <5 | 46 | 1.4 | <1 | 0.08 | <0.5 | 119 | 216 | 43.2 | 206 | 4.51 |
| L88N 93+00E | <0.2 | 1.63 | 19 | <5 | 25 | <0.5 | <1 | 0.03 | <0.5 | 83 | 38.6 | 21.8 | 36.0 | 2.66 |
| L88N 93+50E | <0.2 | 1.88 | 3 | <5 | 9 | <0.5 | <1 | 0.06 | <0.5 | 43 | 13.9 | 21.3 | 27.1 | 3.13 |
| L88N 94+00E | <0.2 | 1.96 | 17 | <5 | 19 | <0.5 | <1 | 0.03 | <0.5 | 68 | 7.9 | 26.9 | 25.9 | 4.43 |
| L88N 94+50E | <0.2 | 1.11 | 6 | <5 | 20 | <0.5 | <1 | 0.04 | <0.5 | 24 | 6.5 | 11.5 | 12.3 | 1.52 |
| L88N 95+00E | <0.2 | 2.59 | 34 | <5 | 17 | <0.5 | <1 | 0.04 | <0.5 | 83 | 18.3 | 34.9 | 41.2 | 4.77 |
| L88N 95+50E | <0.2 | 2.28 | 8 | <5 | 21 | <0.5 | <1 | 0.02 | <0.5 | 47 | 13.8 | 30.0 | 25.8 | 4.69 |
| L88N 96+00E | <0.2 | 1.85 | 16 | <5 | 25 | <0.5 | <1 | 0.02 | <0.5 | 62 | 6.9 | 21.6 | 29.2 | 3.27 |
| L88N 96+50E | <0.2 | 2.15 | 37 | <5 | 22 | <0.5 | <1 | 0.01 | <0.5 | 54 | 5.6 | 30.8 | 22.6 | 4.39 |
| L88N 97+00E | <0.2 | 2.09 | 18 | <5 | 26 | <0.5 | <1 | 0.03 | <0.5 | 56 | 16.7 | 29.9 | 30.8 | 4.17 |
| L88N 97+50E | <0.2 | 1.83 | 17 | <5 | 24 | <0.5 | <1 | 0.04 | <0.5 | 64 | 8.8 | 22.7 | 27.5 | 2.92 |
| L88N 98+00E | <0.2 | 1.53 | 9 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 37 | 7.5 | 21.2 | 20.4 | 2.93 |
| L88N 98+50E | <0.2 | 2.78 | 107 | <5 | 21 | <0.5 | <1 | 0.03 | <0.5 | 85 | 23.0 | 37.6 | 68.7 | 5.14 |
| L88N 99+00E | <0.2 | 2.17 | 24 | <5 | 23 | <0.5 | <1 | 0.02 | <0.5 | 71 | 13.4 | 29.8 | 29.6 | 4.38 |
| L88N 99+50E | <0.2 | 2.42 | 38 | <5 | 21 | 0.6 | <1 | 0.06 | <0.5 | 230 | 112 | 32.9 | 133 | 4.21 |
| L89N 85+00E | <0.2 | 2.30 | 15 | <5 | 47 | <0.5 | <1 | 0.01 | <0.5 | 52 | 9.1 | 27.4 | 26.5 | 3.80 |
| L89N 85+50E | <0.2 | 2.45 | 14 | <5 | 56 | 0.6 | <1 | 0.01 | <0.5 | 64 | 10.6 | 30.5 | 29.5 | 4.16 |
| L89N 86+00E | <0.2 | 2.19 | 4 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 82 | 17.0 | 28.3 | 24.8 | 4.07 |
| L89N 86+50E | <0.2 | 2.40 | 12 | <5 | 19 | <0.5 | <1 | 0.11 | <0.5 | 92 | 20.4 | 52.0 | 47.2 | 4.90 |
| L89N 87+00E | <0.2 | 2.37 | 5 | <5 | 9 | <0.5 | <1 | 0.11 | <0.5 | 127 | 19.7 | 31.8 | 79.7 | 4.35 |
| L89N 87+50E | <0.2 | 2.65 | 9 | <5 | 12 | 0.6 | <1 | 0.07 | <0.5 | 122 | 18.5 | 37.0 | 61.7 | 5.01 |
| L89N 88+00E | <0.2 | 2.83 | 27 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 71 | 6.6 | 42.6 | 66.2 | 5.14 |
| L89N 88+50E | <0.2 | 2.30 | 29 | <5 | 20 | <0.5 | <1 | 0.06 | <0.5 | 72 | 7.9 | 35.9 | 42.5 | 4.69 |
| L89N 89+00E | 0.3 | 2.84 | 55 | <5 | 27 | 0.6 | <1 | 0.05 | <0.5 | 105 | 17.9 | 45.1 | 119 | 6.14 |
| L89N 89+50E | 0.2 | 1.65 | 35 | <5 | 24 | <0.5 | <1 | 0.02 | <0.5 | 68 | 10.4 | 24.2 | 33.6 | 3.68 |
| L89N 90+00E | <0.2 | 1.71 | 16 | <5 | 20 | <0.5 | <1 | 0.02 | <0.5 | 94 | 21.4 | 23.0 | 53.4 | 4.34 |
| L89N 90+50E | <0.2 | 1.55 | 16 | <5 | 48 | <0.5 | <1 | 0.03 | <0.5 | 74 | 20.8 | 23.5 | 44.5 | 4.20 |
| L89N 91+00E | 1.1 | 2.26 | 670 | <5 | 21 | 1.1 | <1 | 0.02 | <0.5 | 150 | 42.8 | 31.7 | 154 | 6.66 |
| L89N 91+50E | <0.2 | 1.86 | 11 | <5 | 12 | <0.5 | <1 | 0.02 | <0.5 | 44 | 4.8 | 31.9 | 12.8 | 4.76 |
| L89N 92+00E | <0.2 | 2.03 | 15 | <5 | 34 | <0.5 | <1 | 0.02 | <0.5 | 72 | 5.0 | 29.0 | 43.7 | 4.44 |
| L89N 92+50E | <0.2 | 1.72 | 15 | <5 | 17 | <0.5 | <1 | 0.05 | <0.5 | 38 | 5.7 | 24.1 | 28.2 | 3.37 |
| L89N 93+00E | <0.2 | 2.11 | 19 | <5 | 19 | <0.5 | <1 | 0.03 | <0.5 | 79 | 28.3 | 31.2 | 46.8 | 4.25 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L89N 93+50E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L89N 94+00E | <0.2 | 2.43 | 21 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 86 | 12.9 | 38.3 | 38.1 | 5.45 |
| L89N 94+50E | 0.2 | 1.25 | 29 | <5 | 15 | <0.5 | <1 | 0.02 | <0.5 | 98 | 5.4 | 20.7 | 26.5 | 3.64 |
| L89N 95+00E | <0.2 | 1.21 | 7 | <5 | 21 | <0.5 | <1 | 0.03 | <0.5 | 32 | 1.9 | 11.1 | 16.5 | 1.51 |
| L89N 95+50E | <0.2 | 2.17 | 105 | <5 | 28 | <0.5 | <1 | 0.04 | <0.5 | 113 | 22.1 | 32.5 | 36.1 | 4.54 |
| L89N 96+00E | <0.2 | 2.43 | 31 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 107 | 14.1 | 38.7 | 34.6 | 5.20 |
| L89N 96+50E | <0.2 | 2.09 | 28 | 5 | 18 | <0.5 | <1 | 0.03 | <0.5 | 120 | 15.7 | 36.2 | 37.1 | 4.82 |
| L89N 97+00E | <0.2 | 1.48 | 15 | <5 | 35 | <0.5 | <1 | 0.03 | <0.5 | 44 | 5.9 | 24.9 | 22.2 | 3.28 |
| L89N 97+50E | <0.2 | 1.55 | 17 | <5 | 31 | <0.5 | <1 | 0.03 | <0.5 | 40 | 4.6 | 21.9 | 18.1 | 3.15 |
| L89N 98+00E | <0.2 | 1.97 | 20 | <5 | 33 | <0.5 | <1 | 0.03 | <0.5 | 79 | 6.2 | 33.2 | 25.5 | 4.58 |
| L89N 98+50E | <0.2 | 2.14 | 29 | <5 | 37 | 0.5 | <1 | 0.06 | <0.5 | 116 | 16.6 | 35.0 | 50.9 | 4.26 |
| L89N 99+00E | <0.2 | 2.29 | 26 | <5 | 29 | 0.5 | <1 | 0.15 | <0.5 | 142 | 31.5 | 35.5 | 59.4 | 4.46 |
| L89N 99+50E | 0.3 | 2.27 | 47 | <5 | 38 | 1.0 | <1 | 0.09 | <0.5 | 279 | 244 | 33.5 | 194 | 4.55 |
| L89N 100+00E | <0.2 | 2.51 | 29 | <5 | 23 | 0.6 | <1 | 0.05 | <0.5 | 118 | 25.7 | 36.7 | 89.8 | 4.78 |
| L89N 100+50E | <0.2 | 2.44 | 20 | <5 | 20 | <0.5 | <1 | 0.04 | <0.5 | 63 | 7.8 | 35.9 | 42.9 | 4.57 |
| L89N 101+00E | <0.2 | 2.51 | 19 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 85 | 7.3 | 36.4 | 40.8 | 4.64 |
| L89N 101+50E | <0.2 | 2.56 | 22 | <5 | 15 | <0.5 | <1 | 0.05 | <0.5 | 97 | 9.0 | 39.9 | 41.9 | 4.78 |
| L89N 102+00E | <0.2 | 1.82 | 13 | <5 | 22 | <0.5 | <1 | 0.03 | <0.5 | 67 | 7.9 | 27.4 | 28.2 | 4.15 |
| L89N 102+50E | <0.2 | 1.63 | 11 | <5 | 24 | <0.5 | <1 | 0.01 | <0.5 | 54 | 5.7 | 29.5 | 13.8 | 5.04 |
| L89N 103+00E | <0.2 | 1.01 | 12 | <5 | 38 | <0.5 | <1 | 0.01 | <0.5 | 52 | 4.3 | 19.9 | 15.3 | 3.50 |
| L89N 103+50E | 0.2 | 1.69 | 12 | <5 | 16 | <0.5 | <1 | 0.01 | <0.5 | 54 | 7.4 | 26.8 | 22.2 | 4.11 |
| L89N 104+00E | <0.2 | 1.40 | 12 | <5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 50 | 6.2 | 23.6 | 16.1 | 4.72 |
| L89N 104+50E | 0.3 | 1.53 | 9 | <5 | 17 | <0.5 | <1 | <0.01 | <0.5 | 51 | 6.3 | 22.1 | 15.1 | 3.45 |
| L89N 105+00E | <0.2 | 2.37 | 21 | <5 | 23 | <0.5 | <1 | 0.06 | <0.5 | 94 | 18.0 | 32.7 | 44.2 | 4.48 |
| L89N 105+50E | <0.2 | 1.62 | 16 | <5 | 29 | <0.5 | <1 | 0.60 | <0.5 | 54 | 6.6 | 24.8 | 25.9 | 2.58 |
| L89N 106+00E | <0.2 | 1.33 | 13 | <5 | 32 | <0.5 | <1 | 0.60 | <0.5 | 50 | 6.2 | 15.8 | 17.4 | 1.98 |
| L89N 106+50E | <0.2 | 0.73 | 9 | <5 | 25 | <0.5 | <1 | 0.02 | <0.5 | 39 | 2.7 | 11.4 | 12.4 | 2.14 |
| L89N 107+00E | 0.2 | 1.06 | 16 | <5 | 16 | <0.5 | <1 | 0.02 | <0.5 | 36 | 3.6 | 13.5 | 14.8 | 2.30 |
| L89N 107+50E | 0.5 | 2.18 | 203 | <5 | 39 | 0.7 | <1 | 0.48 | <0.5 | 118 | 21.3 | 29.0 | 120 | 4.13 |
| L89N 108+00E | 0.4 | 2.21 | 230 | <5 | 47 | 0.7 | <1 | 0.50 | <0.5 | 101 | 16.3 | 29.5 | 87.5 | 4.10 |
| L89N 108+50E | 0.3 | 2.13 | 68 | <5 | 31 | <0.5 | <1 | 0.24 | <0.5 | 90 | 14.4 | 30.0 | 31.7 | 3.98 |
| L89N 109+00E | <0.2 | 1.98 | 63 | <5 | 24 | <0.5 | <1 | 0.17 | <0.5 | 92 | 13.8 | 27.5 | 28.0 | 3.82 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L90N 85+00E | <0.2 | 2.17 | 4 | <5 | 37 | <0.5 | <1 | 0.07 | <0.5 | 55 | 22.3 | 155 | 22.4 | 4.01 |
| L90N 85+50E | <0.2 | 2.39 | 5 | 7 | 60 | 0.8 | <1 | 0.49 | <0.5 | 81 | 21.4 | 163 | 19.0 | 5.75 |
| L90N 86+00E | <0.2 | 0.93 | 11 | <5 | 38 | <0.5 | <1 | 0.05 | <0.5 | 40 | 5.4 | 13.4 | 32.7 | 1.97 |
| L90N 86+50E | <0.2 | 2.30 | 12 | <5 | 21 | 0.5 | <1 | 0.20 | <0.5 | 80 | 18.3 | 33.0 | 58.6 | 4.41 |
| L90N 87+00E | <0.2 | 1.86 | 7 | <5 | 30 | <0.5 | <1 | 0.04 | <0.5 | 62 | 10.2 | 23.3 | 36.9 | 3.24 |
| L90N 87+50E | <0.2 | 2.65 | 8 | 6 | 18 | <0.5 | <1 | 0.06 | <0.5 | 102 | 24.1 | 37.7 | 57.8 | 5.08 |
| L90N 88+00E | <0.2 | 1.96 | 10 | <5 | 40 | 0.5 | <1 | 0.08 | <0.5 | 116 | 21.0 | 26.7 | 66.5 | 3.98 |
| L90N 88+50E | <0.2 | 2.53 | 8 | <5 | 20 | <0.5 | <1 | 0.04 | <0.5 | 116 | 25.8 | 31.6 | 69.2 | 4.75 |
| L90N 89+00E | <0.2 | 0.41 | 1 | <5 | 13 | <0.5 | <1 | 0.04 | <0.5 | 6 | 1.5 | 3.6 | 5.4 | 0.71 |
| L90N 89+50E | <0.2 | 2.12 | 57 | <5 | 17 | <0.5 | <1 | 0.03 | <0.5 | 74 | 16.2 | 27.5 | 48.2 | 4.90 |
| L90N 90+00E | <0.2 | 1.70 | 25 | <5 | 24 | <0.5 | <1 | 0.01 | <0.5 | 67 | 8.0 | 26.4 | 23.3 | 3.78 |
| L90N 90+50E | <0.2 | 1.22 | 22 | <5 | 13 | <0.5 | <1 | 0.08 | <0.5 | 30 | 2.7 | 15.4 | 19.2 | 2.14 |
| L90N 91+00E | <0.2 | 2.17 | 50 | <5 | 19 | <0.5 | <1 | 0.02 | <0.5 | 86 | 14.8 | 27.0 | 39.3 | 4.60 |
| L90N 91+50E | <0.2 | 1.16 | 7 | <5 | 13 | <0.5 | <1 | 0.09 | <0.5 | 22 | 2.7 | 14.7 | 22.0 | 2.09 |
| L90N 92+00E | <0.2 | 2.55 | 17 | <5 | 19 | <0.5 | <1 | 0.05 | <0.5 | 64 | 7.6 | 38.5 | 31.4 | 4.99 |
| L90N 92+50E | <0.2 | 2.65 | 22 | <5 | 15 | <0.5 | <1 | 0.08 | <0.5 | 94 | 29.6 | 37.9 | 55.6 | 5.18 |
| L90N 93+00E | <0.2 | 2.41 | 15 | <5 | 11 | <0.5 | <1 | 0.03 | <0.5 | 76 | 12.9 | 37.5 | 41.7 | 5.15 |
| L90N 93+50E | <0.2 | 2.48 | 29 | 6 | 20 | 0.8 | <1 | 0.06 | <0.5 | 141 | 96.9 | 38.2 | 139 | 5.03 |
| L90N 94+00E | <0.2 | 2.21 | 31 | <5 | 20 | <0.5 | <1 | 0.08 | <0.5 | 99 | 21.3 | 33.0 | 42.6 | 4.47 |
| L90N 94+50E | <0.2 | 1.24 | 72 | <5 | 23 | <0.5 | <1 | 0.02 | <0.5 | 43 | 4.1 | 21.3 | 21.9 | 3.05 |
| L90N 95+00E | <0.2 | 2.28 | 37 | <5 | 20 | <0.5 | <1 | 0.08 | <0.5 | 144 | 32.1 | 36.4 | 66.7 | 4.67 |
| L90N 95+50E | <0.2 | 1.76 | 15 | <5 | 27 | <0.5 | <1 | 0.04 | <0.5 | 85 | 9.2 | 28.1 | 33.4 | 3.68 |
| L90N 96+00E | <0.2 | 1.41 | 10 | <5 | 39 | <0.5 | <1 | 0.04 | <0.5 | 52 | 5.1 | 24.3 | 21.5 | 2.90 |
| L90N 96+50E | <0.2 | 2.50 | 16 | <5 | 11 | <0.5 | <1 | 0.06 | <0.5 | 118 | 20.0 | 36.6 | 41.9 | 4.97 |
| L90N 97+00E | <0.2 | 1.44 | 12 | <5 | 29 | <0.5 | <1 | 0.04 | <0.5 | 61 | 7.6 | 20.5 | 23.4 | 2.90 |
| L90N 97+50E | <0.2 | 1.87 | 14 | <5 | 21 | <0.5 | <1 | 0.03 | <0.5 | 64 | 7.6 | 32.9 | 23.8 | 4.62 |
| L90N 98+00E | <0.2 | 2.52 | 25 | 7 | 15 | <0.5 | <1 | 0.07 | <0.5 | 106 | 11.3 | 40.0 | 48.6 | 4.96 |
| L90N 98+50E | <0.2 | 1.38 | 21 | <5 | 19 | <0.5 | <1 | 0.02 | <0.5 | 37 | 3.3 | 18.8 | 52.2 | 2.49 |
| L90N 99+00E | <0.2 | 2.24 | 14 | <5 | 15 | <0.5 | <1 | 0.02 | <0.5 | 63 | 6.2 | 36.5 | 18.4 | 4.89 |
| L90N 99+50E | <0.2 | 1.98 | 9 | <5 | 26 | <0.5 | <1 | 0.04 | <0.5 | 55 | 4.7 | 28.1 | 21.7 | 3.47 |
| L90N 100+00E | <0.2 | 1.69 | 10 | <5 | 14 | <0.5 | <1 | 0.03 | <0.5 | 31 | 3.9 | 22.1 | 15.2 | 3.06 |
| L91N 85+00E | <0.2 | 1.76 | 14 | <5 | 12 | <0.5 | <1 | 0.01 | <0.5 | 85 | 16.0 | 22.0 | 37.6 | 4.87 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

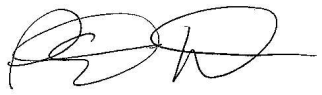
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L91N 85+50E | <0.2 | 3.93 | 4 | 5 | 14 | 0.5 | <1 | 0.16 | <0.5 | 94 | 21.6 | 258 | 47.8 | 6.13 |
| L91N 86+00E | <0.2 | 0.92 | 7 | <5 | 32 | <0.5 | <1 | 0.08 | <0.5 | 45 | 8.7 | 18.8 | 12.4 | 2.22 |
| L91N 86+50E | <0.2 | 1.01 | 13 | <5 | 17 | <0.5 | <1 | 0.09 | <0.5 | 52 | 10.6 | 10.9 | 28.0 | 1.87 |
| L91N 87+00E | <0.2 | 0.56 | 4 | <5 | 14 | <0.5 | <1 | 0.08 | <0.5 | 22 | 3.1 | 4.9 | 9.9 | 0.78 |
| L91N 87+50E | <0.2 | 2.31 | 53 | <5 | 19 | <0.5 | <1 | 0.03 | <0.5 | 84 | 16.0 | 29.5 | 35.6 | 4.52 |
| L91N 88+00E | <0.2 | 2.44 | 55 | <5 | 13 | <0.5 | <1 | 0.05 | <0.5 | 87 | 21.1 | 31.9 | 51.8 | 4.61 |
| L91N 88+50E | <0.2 | 1.63 | 24 | <5 | 24 | <0.5 | <1 | 0.02 | <0.5 | 121 | 14.4 | 18.3 | 37.4 | 4.01 |
| L91N 89+00E | <0.2 | 1.68 | 49 | <5 | 25 | <0.5 | <1 | 0.04 | <0.5 | 77 | 14.6 | 22.5 | 39.1 | 3.20 |
| L91N 89+50E | <0.2 | 1.68 | 50 | <5 | 19 | <0.5 | <1 | 0.06 | <0.5 | 72 | 10.5 | 20.6 | 35.6 | 3.04 |
| L91N 90+00E | <0.2 | 1.01 | 154 | <5 | 17 | <0.5 | <1 | 0.01 | <0.5 | 70 | 19.5 | 15.4 | 40.9 | 2.34 |
| L91N 90+50E | <0.2 | 1.06 | 119 | <5 | 24 | <0.5 | <1 | 0.03 | <0.5 | 59 | 15.5 | 13.9 | 35.0 | 2.31 |
| L91N 91+00E | <0.2 | 0.82 | 20 | <5 | 31 | <0.5 | <1 | 0.03 | <0.5 | 52 | 3.4 | 13.2 | 18.0 | 2.25 |
| L91N 91+50E | <0.2 | 1.45 | 14 | <5 | 21 | <0.5 | <1 | 0.03 | <0.5 | 40 | 3.5 | 18.8 | 56.0 | 2.77 |
| L91N 92+00E | <0.2 | 2.15 | 26 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 38 | 4.8 | 36.1 | 42.8 | 5.06 |
| L91N 92+50E | <0.2 | 2.59 | 21 | <5 | 20 | <0.5 | <1 | 0.03 | <0.5 | 61 | 6.8 | 38.8 | 55.5 | 4.90 |
| L91N 93+00E | <0.2 | 1.61 | 7 | <5 | 16 | <0.5 | <1 | 0.02 | <0.5 | 21 | 3.9 | 18.5 | 17.0 | 2.69 |
| L91N 93+50E | <0.2 | 1.64 | 8 | <5 | 32 | <0.5 | <1 | 0.04 | <0.5 | 56 | 24.6 | 22.8 | 33.9 | 3.08 |
| L91N 94+00E | <0.2 | 2.49 | 16 | <5 | 24 | <0.5 | <1 | 0.07 | <0.5 | 88 | 17.3 | 36.3 | 46.4 | 4.67 |
| L91N 94+50E | <0.2 | 1.88 | 14 | <5 | 27 | <0.5 | <1 | 0.03 | <0.5 | 65 | 8.7 | 32.0 | 35.2 | 4.38 |
| L91N 95+00E | <0.2 | 2.53 | 18 | <5 | 32 | <0.5 | <1 | 0.06 | <0.5 | 72 | 13.5 | 36.8 | 55.6 | 4.74 |
| L91N 95+50E | <0.2 | 2.36 | 21 | <5 | 20 | <0.5 | <1 | 0.03 | <0.5 | 74 | 6.7 | 35.7 | 57.7 | 5.15 |
| L91N 96+00E | <0.2 | 0.92 | 8 | <5 | 22 | <0.5 | <1 | 0.02 | <0.5 | 32 | 2.9 | 16.4 | 22.1 | 2.56 |
| L91N 96+50E | <0.2 | 0.53 | 3 | <5 | 17 | <0.5 | <1 | 0.07 | <0.5 | 17 | 1.6 | 5.4 | 10.1 | 0.75 |
| L91N 97+00E | <0.2 | 1.85 | 11 | <5 | 21 | <0.5 | <1 | 0.02 | <0.5 | 40 | 4.0 | 27.9 | 20.9 | 4.44 |
| L91N 97+50E | <0.2 | 2.52 | 18 | <5 | 16 | <0.5 | <1 | <0.01 | <0.5 | 57 | 5.1 | 37.8 | 27.2 | 5.25 |
| L91N 98+00E | <0.2 | 2.84 | 35 | <5 | 11 | <0.5 | <1 | 0.04 | <0.5 | 82 | 5.4 | 41.9 | 43.1 | 5.25 |
| L91N 98+50E | <0.2 | 2.35 | 18 | <5 | 17 | <0.5 | <1 | 0.03 | <0.5 | 50 | 5.9 | 32.9 | 19.9 | 4.48 |
| L91N 99+00E | <0.2 | 1.19 | 10 | <5 | 19 | <0.5 | <1 | 0.02 | <0.5 | 22 | 2.7 | 14.9 | 22.2 | 1.94 |
| L91N 99+50E | <0.2 | 2.84 | 29 | <5 | 19 | <0.5 | <1 | 0.03 | <0.5 | 84 | 11.6 | 41.6 | 46.1 | 5.40 |
| L91N 100+00E | <0.2 | 1.46 | 53 | <5 | 31 | <0.5 | <1 | 0.06 | <0.5 | 53 | 14.3 | 22.7 | 25.4 | 2.90 |
| L91N 100+50E | <0.2 | 2.20 | 16 | <5 | 22 | <0.5 | <1 | 0.03 | <0.5 | 85 | 21.0 | 26.1 | 31.1 | 4.06 |
| L91N 101+00E | <0.2 | 2.08 | 15 | <5 | 17 | <0.5 | <1 | 0.04 | <0.5 | 66 | 7.3 | 31.5 | 23.9 | 4.16 |

Certified By:





Results relate only to the items tested

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

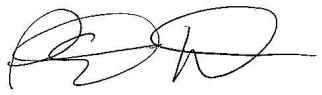
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L91N 101+50E | <0.2 | 2.03 | 19 | <5 | 34 | <0.5 | <1 | 0.02 | <0.5 | 47 | 8.7 | 27.6 | 28.6 | 3.90 |
| L91N 102+00E | <0.2 | 2.22 | 12 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 88 | 14.2 | 28.7 | 26.1 | 3.97 |
| L91N 102+50E | <0.2 | 1.36 | 9 | <5 | 28 | <0.5 | <1 | 0.01 | <0.5 | 43 | 6.4 | 21.1 | 15.9 | 3.69 |
| L91N 103+00E | <0.2 | 1.49 | 25 | <5 | 34 | <0.5 | <1 | 0.02 | <0.5 | 50 | 7.4 | 28.3 | 18.6 | 4.24 |
| L91N 103+50E | <0.2 | 1.57 | 13 | <5 | 21 | <0.5 | <1 | 0.01 | <0.5 | 51 | 7.1 | 26.2 | 21.1 | 5.09 |
| L91N 104+00E | <0.2 | 1.38 | 11 | <5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 54 | 7.6 | 23.9 | 16.6 | 4.18 |
| L91N 104+50E | <0.2 | 1.42 | 13 | <5 | 23 | <0.5 | <1 | 0.02 | <0.5 | 51 | 5.4 | 24.5 | 17.7 | 4.18 |
| L91N 105+00E | <0.2 | 1.29 | 13 | <5 | 29 | <0.5 | <1 | 0.01 | <0.5 | 53 | 6.2 | 23.8 | 15.8 | 4.31 |
| L91N 105+50E | <0.2 | 1.61 | 13 | <5 | 25 | <0.5 | <1 | 0.47 | <0.5 | 42 | 8.0 | 19.0 | 19.8 | 2.74 |
| L91N 106+00E | <0.2 | 1.82 | 10 | <5 | 31 | <0.5 | <1 | 0.14 | <0.5 | 56 | 7.0 | 24.6 | 13.6 | 3.64 |
| L91N 106+50E | <0.2 | 1.33 | 9 | <5 | 26 | <0.5 | <1 | 0.02 | <0.5 | 48 | 5.4 | 19.2 | 11.3 | 2.81 |
| L91N 107+00E | <0.2 | 1.99 | 77 | <5 | 16 | <0.5 | <1 | 0.22 | <0.5 | 95 | 18.1 | 26.5 | 28.1 | 4.27 |
| L91N 107+50E | <0.2 | 1.89 | 16 | <5 | 13 | <0.5 | <1 | 0.02 | <0.5 | 59 | 8.4 | 26.5 | 18.2 | 4.03 |
| L91N 108+00E | <0.2 | 2.15 | 51 | <5 | 17 | <0.5 | <1 | 0.06 | <0.5 | 80 | 17.6 | 31.1 | 31.9 | 4.84 |
| L91N 108+50E | <0.2 | 1.34 | 52 | <5 | 42 | <0.5 | <1 | 1.00 | <0.5 | 46 | 7.9 | 14.6 | 38.7 | 2.25 |
| L91N 109+00E | <0.2 | 1.98 | 31 | <5 | 23 | <0.5 | <1 | 0.32 | <0.5 | 73 | 16.1 | 28.2 | 33.1 | 4.01 |
| L92N 85+00E | <0.2 | 2.73 | 21 | 5 | 13 | 0.5 | <1 | 0.06 | <0.5 | 56 | 13.7 | 40.8 | 61.0 | 5.53 |
| L92N 85+50E | 0.2 | 2.56 | 23 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 113 | 16.9 | 35.5 | 44.3 | 4.87 |
| L92N 86+00E | 0.2 | 1.74 | 28 | 5 | 11 | 0.6 | <1 | 0.08 | <0.5 | 131 | 34.4 | 22.5 | 71.9 | 5.33 |
| L92N 86+50E | <0.2 | 1.06 | 9 | <5 | 28 | <0.5 | <1 | 0.07 | <0.5 | 53 | 8.2 | 9.9 | 21.3 | 2.13 |
| L92N 87+00E | 0.2 | 2.09 | 39 | <5 | 26 | <0.5 | <1 | 0.14 | <0.5 | 134 | 25.3 | 31.6 | 69.2 | 4.82 |
| L92N 87+50E | <0.2 | 2.59 | 44 | 6 | 22 | <0.5 | <1 | 0.05 | <0.5 | 83 | 18.3 | 46.2 | 33.4 | 5.06 |
| L92N 88+00E | <0.2 | 0.51 | 92 | <5 | 16 | <0.5 | <1 | 0.04 | <0.5 | 108 | 9.1 | 7.8 | 29.9 | 2.90 |
| L92N 88+50E | <0.2 | 2.50 | 16 | <5 | 14 | <0.5 | <1 | 0.12 | <0.5 | 96 | 21.3 | 31.3 | 59.8 | 4.75 |
| L92N 89+00E | 0.2 | 2.39 | 34 | <5 | 15 | <0.5 | <1 | 0.04 | <0.5 | 143 | 30.1 | 28.4 | 57.5 | 4.71 |
| L92N 89+50E | <0.2 | 1.37 | 32 | <5 | 23 | <0.5 | <1 | 0.06 | <0.5 | 96 | 27.1 | 16.2 | 43.8 | 2.50 |
| L92N 90+00E | <0.2 | 2.12 | 126 | <5 | 27 | <0.5 | <1 | 0.11 | <0.5 | 83 | 40.2 | 27.2 | 55.8 | 4.33 |
| L92N 90+50E | <0.2 | 1.64 | 42 | <5 | 27 | 0.6 | <1 | 0.08 | <0.5 | 107 | 48.2 | 19.8 | 38.1 | 2.83 |
| L92N 91+00E | <0.2 | 1.41 | 16 | <5 | 39 | <0.5 | <1 | 0.06 | <0.5 | 58 | 17.9 | 22.5 | 25.9 | 3.57 |
| L92N 91+50E | <0.2 | 2.20 | 62 | <5 | 21 | <0.5 | <1 | 0.04 | <0.5 | 103 | 18.8 | 35.5 | 43.2 | 4.83 |
| L92N 92+00E | <0.2 | 1.97 | 16 | <5 | 23 | <0.5 | <1 | 0.05 | <0.5 | 67 | 12.7 | 28.6 | 30.2 | 3.95 |
| L92N 92+50E | <0.2 | 2.47 | 20 | 5 | 26 | <0.5 | <1 | 0.09 | <0.5 | 77 | 12.9 | 40.0 | 43.7 | 5.02 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L92N 93+00E | 0.4 | 2.02 | 10 | <5 | 19 | <0.5 | <1 | 0.01 | <0.5 | 38 | 4.4 | 34.5 | 13.8 | 4.54 |
| L92N 93+50E | <0.2 | 2.15 | 11 | <5 | 21 | <0.5 | <1 | 0.03 | <0.5 | 58 | 6.9 | 32.3 | 25.1 | 4.28 |
| L92N 94+00E | <0.2 | 2.62 | 13 | 6 | 20 | <0.5 | <1 | 0.02 | <0.5 | 71 | 5.9 | 39.7 | 20.9 | 5.16 |
| L92N 94+50E | <0.2 | 2.55 | 16 | <5 | 23 | <0.5 | <1 | 0.06 | <0.5 | 89 | 11.4 | 38.0 | 39.0 | 4.84 |
| L92N 95+00E | <0.2 | 2.67 | 13 | <5 | 9 | <0.5 | <1 | 0.02 | <0.5 | 88 | 7.2 | 40.0 | 27.8 | 5.18 |
| L92N 95+50E | <0.2 | 2.35 | 20 | <5 | 16 | <0.5 | <1 | 0.05 | <0.5 | 64 | 6.7 | 36.2 | 28.8 | 4.65 |
| L92N 96+00E | <0.2 | 2.13 | 16 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 50 | 5.7 | 35.9 | 27.3 | 4.93 |
| L92N 96+50E | <0.2 | 2.46 | 30 | <5 | 12 | <0.5 | <1 | 0.05 | <0.5 | 113 | 11.9 | 37.9 | 57.7 | 4.72 |
| L92N 97+00E | <0.2 | 1.84 | 27 | <5 | 19 | <0.5 | <1 | 0.02 | <0.5 | 37 | 6.9 | 30.2 | 36.4 | 4.34 |
| L92N 97+50E | <0.2 | 2.25 | 16 | <5 | 14 | <0.5 | <1 | 0.03 | <0.5 | 61 | 7.2 | 35.4 | 51.8 | 4.58 |
| L92N 98+00E | <0.2 | 2.66 | 41 | 6 | 14 | <0.5 | <1 | 0.05 | <0.5 | 78 | 8.0 | 42.5 | 60.1 | 5.47 |
| L92N 98+50E | <0.2 | 2.20 | 44 | <5 | 18 | <0.5 | <1 | 0.02 | <0.5 | 52 | 4.6 | 34.9 | 44.9 | 4.52 |
| L92N 99+00E | <0.2 | 1.84 | 1870 | <5 | 88 | <0.5 | <1 | 0.09 | <0.5 | 82 | 24.8 | 25.8 | 35.3 | 4.01 |
| L92N 99+50E | <0.2 | 1.75 | 3 | <5 | 21 | <0.5 | <1 | 0.02 | <0.5 | 66 | 13.0 | 23.7 | 28.0 | 4.16 |
| L92N 100+00E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L93N 85+00E | 0.2 | 2.17 | 11 | <5 | 9 | <0.5 | <1 | 0.04 | <0.5 | 91 | 14.1 | 31.6 | 69.5 | 4.77 |
| L93N 85+50E | <0.2 | 1.81 | 13 | <5 | 26 | <0.5 | <1 | 0.07 | <0.5 | 117 | 29.4 | 22.4 | 65.5 | 4.43 |
| L93N 86+00E | <0.2 | 0.65 | 2 | <5 | 24 | <0.5 | <1 | 0.12 | <0.5 | 22 | 2.9 | 3.0 | 9.1 | 0.85 |
| L93N 86+50E | 0.4 | 2.58 | 18 | <5 | 13 | 1.3 | <1 | 0.16 | <0.5 | 397 | 93.8 | 37.9 | 227 | 5.10 |
| L93N 87+00E | <0.2 | 2.49 | 17 | <5 | 21 | 0.6 | <1 | 0.19 | <0.5 | 150 | 32.2 | 29.8 | 66.5 | 4.93 |
| L93N 87+50E | <0.2 | 2.18 | 9 | <5 | 19 | 0.8 | <1 | 0.19 | <0.5 | 170 | 59.8 | 25.1 | 99.5 | 4.41 |
| L93N 88+00E | <0.2 | 1.38 | 11 | <5 | 30 | 0.6 | <1 | 0.05 | <0.5 | 130 | 30.4 | 14.7 | 59.0 | 3.62 |
| L93N 88+50E | <0.2 | 2.04 | 8 | 6 | 42 | <0.5 | <1 | 0.13 | <0.5 | 107 | 37.7 | 24.3 | 44.5 | 3.95 |
| L93N 89+00E | 0.2 | 2.82 | 5 | <5 | 12 | 0.6 | <1 | 0.09 | <0.5 | 141 | 30.4 | 31.2 | 75.8 | 5.31 |
| L93N 89+50E | <0.2 | 2.37 | 5 | <5 | 17 | <0.5 | <1 | 0.03 | <0.5 | 86 | 21.8 | 30.5 | 44.4 | 4.96 |
| L93N 90+00E | <0.2 | 1.38 | 4 | <5 | 24 | <0.5 | <1 | 0.03 | <0.5 | 50 | 4.8 | 17.9 | 22.8 | 2.88 |
| L93N 90+50E | <0.2 | 1.90 | 17 | <5 | 35 | <0.5 | <1 | 0.06 | <0.5 | 66 | 8.3 | 24.2 | 24.9 | 3.68 |
| L93N 91+00E | <0.2 | 2.00 | 18 | <5 | 29 | <0.5 | <1 | 0.05 | <0.5 | 75 | 6.8 | 25.0 | 30.8 | 3.46 |
| L93N 91+50E | <0.2 | 2.70 | 26 | <5 | 23 | <0.5 | <1 | 0.07 | <0.5 | 106 | 20.5 | 34.3 | 48.2 | 4.74 |
| L93N 92+00E | <0.2 | 2.18 | 22 | <5 | 21 | <0.5 | <1 | 0.13 | <0.5 | 130 | 33.5 | 27.0 | 57.1 | 3.86 |
| L93N 92+50E | <0.2 | 2.18 | 21 | <5 | 35 | 0.5 | <1 | 0.13 | <0.5 | 103 | 19.6 | 29.1 | 66.3 | 3.91 |
| L93N 93+00E | <0.2 | 2.27 | 17 | <5 | 18 | <0.5 | <1 | 0.06 | <0.5 | 97 | 13.3 | 27.0 | 41.2 | 3.95 |

Certified By:



Results relate only to the items tested

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L93N 93+50E | <0.2 | 2.37 | 15 | <5 | 20 | <0.5 | <1 | 0.10 | <0.5 | 105 | 17.7 | 27.8 | 42.3 | 4.13 |
| L93N 94+00E | <0.2 | 2.38 | 14 | <5 | 22 | <0.5 | <1 | 0.07 | <0.5 | 89 | 9.4 | 30.8 | 37.3 | 4.17 |
| L93N 94+50E | <0.2 | 2.47 | 15 | <5 | 30 | <0.5 | <1 | 0.07 | <0.5 | 86 | 12.6 | 35.3 | 36.5 | 4.29 |
| L93N 95+00E | <0.2 | 2.60 | 15 | <5 | 17 | <0.5 | <1 | 0.12 | <0.5 | 105 | 17.2 | 34.3 | 51.0 | 4.52 |
| L93N 95+50E | <0.2 | 2.47 | 15 | <5 | 28 | <0.5 | <1 | 0.03 | <0.5 | 69 | 6.5 | 35.2 | 23.8 | 4.85 |
| L93N 96+00E | <0.2 | 2.54 | 14 | <5 | 20 | <0.5 | <1 | 0.06 | <0.5 | 77 | 7.9 | 39.0 | 26.1 | 4.69 |
| L93N 96+50E | <0.2 | 1.83 | 32 | <5 | 21 | <0.5 | <1 | 0.06 | <0.5 | 82 | 6.4 | 22.2 | 30.5 | 2.96 |
| L93N 97+00E | <0.2 | 1.79 | 12 | <5 | 27 | <0.5 | <1 | 0.04 | <0.5 | 50 | 5.1 | 25.4 | 22.1 | 3.46 |
| L93N 97+50E | <0.2 | 2.45 | 25 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 78 | 8.7 | 34.1 | 63.9 | 4.34 |
| L93N 98+00E | <0.2 | 2.02 | 35 | <5 | 18 | <0.5 | <1 | 0.08 | <0.5 | 185 | 46.9 | 27.0 | 82.6 | 3.64 |
| L93N 98+50E | <0.2 | 2.26 | 23 | <5 | 24 | <0.5 | <1 | 0.05 | <0.5 | 112 | 14.8 | 30.6 | 91.9 | 4.58 |
| L93N 99+00E | <0.2 | 1.71 | 12 | <5 | 17 | <0.5 | <1 | 0.06 | <0.5 | 93 | 13.3 | 17.4 | 32.8 | 2.86 |
| L93N 99+50E | <0.2 | 2.63 | 8 | <5 | 17 | <0.5 | <1 | 0.07 | <0.5 | 122 | 19.3 | 31.0 | 46.8 | 4.47 |
| L93N 100+00E | <0.2 | 2.13 | 22 | <5 | 15 | <0.5 | <1 | 0.04 | <0.5 | 84 | 18.0 | 27.6 | 38.6 | 4.05 |
| L94N 85+00E | <0.2 | 1.65 | 19 | <5 | 18 | <0.5 | <1 | 0.03 | <0.5 | 56 | 6.4 | 18.4 | 23.8 | 2.68 |
| L94N 85+50E | <0.2 | 2.15 | 35 | <5 | 21 | 0.6 | <1 | 0.18 | <0.5 | 153 | 22.2 | 25.1 | 62.7 | 4.32 |
| L94N 86+00E | <0.2 | 2.46 | 30 | <5 | 24 | 0.9 | <1 | 0.39 | <0.5 | 159 | 23.8 | 29.8 | 80.9 | 4.50 |
| L94N 86+50E | <0.2 | 1.14 | 19 | <5 | 21 | <0.5 | <1 | 0.23 | <0.5 | 42 | 6.7 | 14.3 | 19.8 | 2.63 |
| L94N 87+00E | <0.2 | 1.68 | 20 | <5 | 22 | <0.5 | <1 | 0.07 | <0.5 | 87 | 9.2 | 21.2 | 23.1 | 3.47 |
| L94N 87+50E | <0.2 | 2.09 | 18 | <5 | 9 | <0.5 | <1 | 0.10 | <0.5 | 134 | 15.9 | 21.5 | 45.1 | 3.94 |
| L94N 88+00E | <0.2 | 2.17 | 18 | <5 | 25 | <0.5 | <1 | 0.07 | <0.5 | 129 | 17.6 | 26.4 | 39.2 | 4.28 |
| L94N 88+50E | <0.2 | 1.88 | 20 | <5 | 22 | 0.6 | <1 | 0.13 | <0.5 | 207 | 37.6 | 24.7 | 75.1 | 3.91 |
| L94N 89+00E | <0.2 | 2.38 | 23 | 5 | 22 | <0.5 | <1 | 0.08 | <0.5 | 87 | 30.7 | 29.0 | 67.4 | 3.95 |
| L94N 89+50E | <0.2 | 1.56 | 21 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 68 | 5.3 | 22.8 | 19.5 | 4.55 |
| L94N 90+00E | <0.2 | 2.42 | 15 | <5 | 27 | <0.5 | <1 | 0.06 | <0.5 | 86 | 9.8 | 32.4 | 34.5 | 4.40 |
| L94N 90+50E | <0.2 | 2.40 | 23 | 5 | 29 | <0.5 | <1 | 0.06 | <0.5 | 98 | 21.6 | 33.9 | 43.1 | 4.18 |
| L94N 91+00E | <0.2 | 2.14 | 15 | <5 | 23 | <0.5 | <1 | 0.02 | <0.5 | 88 | 8.4 | 33.3 | 35.6 | 4.71 |
| L94N 91+50E | <0.2 | 2.85 | 26 | <5 | 33 | <0.5 | <1 | 0.13 | <0.5 | 101 | 19.4 | 36.3 | 57.5 | 4.63 |
| L94N 92+00E | <0.2 | 2.77 | 30 | <5 | 20 | 0.5 | <1 | 0.09 | <0.5 | 133 | 32.8 | 37.6 | 89.9 | 4.85 |
| L94N 92+50E | <0.2 | 2.55 | 23 | <5 | 28 | <0.5 | <1 | 0.11 | <0.5 | 91 | 15.9 | 37.7 | 53.4 | 4.62 |
| L94N 93+00E | <0.2 | 2.51 | 22 | <5 | 24 | <0.5 | <1 | 0.06 | <0.5 | 106 | 17.6 | 32.2 | 53.2 | 4.32 |
| L94N 93+50E | <0.2 | 2.49 | 20 | <5 | 18 | <0.5 | <1 | 0.06 | <0.5 | 116 | 17.4 | 30.0 | 49.8 | 4.25 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L94N 94+00E | <0.2 | 2.03 | 13 | <5 | 21 | <0.5 | <1 | 0.05 | <0.5 | 82 | 9.4 | 24.6 | 33.9 | 3.45 |
| L94N 94+50E | <0.2 | 2.56 | 27 | <5 | 23 | 0.5 | <1 | 0.06 | <0.5 | 125 | 20.2 | 31.4 | 62.1 | 4.58 |
| L94N 95+00E | <0.2 | 1.96 | 14 | <5 | 20 | <0.5 | <1 | 0.03 | <0.5 | 76 | 12.4 | 25.4 | 26.8 | 3.89 |
| L94N 95+50E | <0.2 | 1.94 | 23 | <5 | 16 | <0.5 | <1 | 0.02 | <0.5 | 69 | 12.3 | 28.4 | 34.0 | 4.12 |
| L94N 96+00E | <0.2 | 2.20 | 23 | <5 | 17 | <0.5 | <1 | 0.03 | <0.5 | 75 | 9.1 | 29.3 | 29.8 | 4.17 |
| L94N 96+50E | <0.2 | 2.21 | 72 | <5 | 16 | <0.5 | <1 | 0.08 | <0.5 | 271 | 39.3 | 24.0 | 84.7 | 3.83 |
| L94N 97+00E | <0.2 | 2.32 | 29 | <5 | 15 | <0.5 | <1 | 0.06 | <0.5 | 115 | 20.8 | 26.7 | 40.5 | 4.18 |
| L94N 97+50E | <0.2 | 2.03 | 164 | <5 | 24 | 0.5 | <1 | 0.23 | <0.5 | 161 | 32.8 | 19.8 | 52.8 | 2.67 |
| L94N 98+00E | <0.2 | 1.63 | 31 | <5 | 28 | <0.5 | <1 | 0.06 | <0.5 | 78 | 16.8 | 19.9 | 29.9 | 3.01 |
| L94N 98+50E | <0.2 | 2.23 | 54 | <5 | 17 | 0.5 | <1 | 0.09 | <0.5 | 198 | 31.0 | 29.6 | 63.8 | 4.26 |
| L94N 99+00E | <0.2 | 2.58 | 11 | 6 | 9 | <0.5 | <1 | 0.07 | <0.5 | 107 | 21.8 | 31.2 | 44.6 | 4.60 |
| L94N 99+50E | <0.2 | 2.41 | 12 | 6 | 39 | <0.5 | <1 | 0.04 | <0.5 | 87 | 17.1 | 36.4 | 27.0 | 4.35 |
| L94N 100+00E | <0.2 | 2.19 | 17 | <5 | 19 | <0.5 | <1 | 0.06 | <0.5 | 91 | 17.1 | 27.7 | 32.8 | 3.78 |
| J103L15205 0+00SW | <0.2 | 1.78 | 88 | <5 | 14 | <0.5 | <1 | 0.03 | <0.5 | 142 | 19.0 | 25.8 | 39.6 | 4.42 |
| J103L15205 1+00SW | <0.2 | 2.48 | 31 | <5 | 29 | 0.7 | <1 | 0.34 | <0.5 | 159 | 20.4 | 32.6 | 71.4 | 4.74 |
| J103L15205 2+00SW | <0.2 | 2.48 | 23 | 6 | 23 | 0.7 | <1 | 0.12 | <0.5 | 192 | 31.3 | 32.4 | 89.6 | 5.41 |
| J103L15205 3+00SW | <0.2 | 1.67 | 13 | <5 | 15 | <0.5 | <1 | 0.11 | <0.5 | 99 | 8.8 | 23.7 | 34.4 | 3.24 |
| J103L15205 4+00SW | <0.2 | 1.60 | 17 | <5 | 22 | <0.5 | <1 | 0.05 | <0.5 | 83 | 16.8 | 21.3 | 43.0 | 3.12 |
| J103L15205 5+00SW | 0.4 | 2.50 | 20 | <5 | 20 | 0.7 | <1 | 0.09 | <0.5 | 182 | 40.7 | 38.6 | 108 | 4.87 |
| J103L15205 6+00SW | <0.2 | 2.59 | 25 | <5 | 33 | 0.6 | <1 | 0.10 | <0.5 | 97 | 14.5 | 35.4 | 49.4 | 4.54 |
| J103L15205 7+00SW | <0.2 | 1.15 | 28 | <5 | 23 | <0.5 | <1 | 0.06 | <0.5 | 81 | 4.7 | 17.3 | 23.1 | 3.92 |
| J103L15205 8+00SW | <0.2 | 1.94 | 32 | <5 | 16 | 0.6 | <1 | 0.09 | <0.5 | 140 | 22.9 | 22.9 | 62.3 | 3.84 |
| J103L15205 9+00SW | 0.2 | 1.21 | 27 | <5 | 19 | 0.8 | <1 | 0.02 | <0.5 | 67 | 8.6 | 13.4 | 10.5 | 4.10 |
| J103L15205 10+00SW | <0.2 | 2.47 | 41 | <5 | 25 | 0.6 | <1 | 0.02 | <0.5 | 126 | 28.4 | 30.6 | 42.2 | 4.89 |
| J103L15205 11+00SW | <0.2 | 0.94 | 10 | <5 | 24 | <0.5 | <1 | 0.01 | <0.5 | 66 | 3.5 | 11.2 | 8.6 | 2.45 |
| J103L15205 12+00SW | <0.2 | 2.01 | 28 | 6 | 26 | 0.5 | <1 | 0.02 | <0.5 | 85 | 20.4 | 26.5 | 50.9 | 5.17 |
| J103L15205 13+00SW | <0.2 | 1.26 | 19 | <5 | 24 | <0.5 | <1 | 0.04 | <0.5 | 90 | 4.5 | 17.6 | 13.7 | 3.25 |
| J103L15205 14+00SW | <0.2 | 1.95 | 14 | <5 | 26 | <0.5 | <1 | 0.01 | <0.5 | 76 | 6.7 | 23.1 | 21.6 | 4.15 |
| J103L15205 15+00SW | <0.2 | 0.38 | 28 | <5 | 3 | <0.5 | <1 | <0.01 | <0.5 | 78 | 6.7 | 6.6 | 8.9 | 1.40 |
| J103L15205 16+00SW | <0.2 | 0.82 | 156 | <5 | 28 | <0.5 | <1 | 0.01 | <0.5 | 67 | 4.5 | 15.2 | 17.8 | 2.95 |
| J103L15205 17+00SW | 0.2 | 2.44 | 13 | <5 | 16 | <0.5 | <1 | 0.01 | <0.5 | 99 | 4.3 | 38.5 | 45.1 | 6.71 |
| J103L15205 18+00SW | <0.2 | 2.69 | 38 | 5 | 14 | <0.5 | <1 | 0.07 | <0.5 | 108 | 15.0 | 39.5 | 32.0 | 4.89 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| J103L15205 19+00SW | <0.2 | 2.73 | 20 | 6 | 21 | 0.5 | <1 | 0.12 | <0.5 | 108 | 9.6 | 41.0 | 46.1 | 4.78 |
| J103L15205 20+00SW | <0.2 | 2.52 | 66 | 5 | 23 | <0.5 | <1 | 0.03 | <0.5 | 138 | 30.3 | 37.4 | 46.0 | 6.13 |
| E5285560 | <0.2 | 1.43 | 44 | <5 | 27 | <0.5 | <1 | 0.42 | <0.5 | 78 | 14.0 | 16.9 | 26.4 | 3.57 |
| E5285561 | <0.2 | 1.43 | 40 | <5 | 27 | <0.5 | <1 | 0.33 | <0.5 | 78 | 9.8 | 17.8 | 27.1 | 3.64 |
| E5285562 | 1.1 | 1.41 | 34 | <5 | 23 | <0.5 | <1 | 0.37 | <0.5 | 92 | 13.8 | 16.8 | 24.9 | 3.35 |
| E5285563 | <0.2 | 1.94 | 14 | <5 | 30 | 0.5 | <1 | 0.28 | <0.5 | 55 | 17.6 | 22.0 | 40.4 | 4.21 |
| E5285564 | <0.2 | 1.63 | 13 | <5 | 32 | 0.5 | <1 | 0.41 | <0.5 | 55 | 23.0 | 20.6 | 41.6 | 3.90 |
| E5285565 | <0.2 | 1.47 | 47 | <5 | 30 | <0.5 | <1 | 0.40 | <0.5 | 68 | 13.5 | 18.1 | 29.2 | 3.57 |
| E5285566 | <0.2 | 1.50 | 42 | <5 | 28 | <0.5 | <1 | 0.34 | <0.5 | 80 | 14.3 | 18.6 | 26.8 | 3.62 |
| E5285567 | <0.2 | 1.39 | 36 | <5 | 21 | <0.5 | <1 | 0.27 | <0.5 | 63 | 9.7 | 16.7 | 23.1 | 3.47 |
| E5285568 | <0.2 | 1.70 | 34 | <5 | 31 | 0.5 | <1 | 0.43 | <0.5 | 60 | 20.4 | 19.5 | 38.9 | 3.99 |
| E5285569 | <0.2 | 1.51 | 37 | <5 | 32 | <0.5 | <1 | 0.37 | <0.5 | 61 | 13.8 | 19.5 | 28.6 | 3.55 |
| E5285570 | <0.2 | 1.48 | 32 | <5 | 29 | <0.5 | <1 | 0.36 | <0.5 | 71 | 13.6 | 18.6 | 26.4 | 3.38 |
| E5285571 | <0.2 | 1.39 | 35 | <5 | 24 | <0.5 | <1 | 0.37 | <0.5 | 70 | 9.8 | 17.3 | 24.9 | 3.37 |
| E5285572 | <0.2 | 1.43 | 34 | <5 | 20 | <0.5 | <1 | 0.21 | <0.5 | 118 | 9.6 | 17.4 | 25.9 | 3.61 |
| E5285574 | <0.2 | 1.79 | 2 | 5 | 23 | 0.5 | <1 | 0.02 | <0.5 | 87 | 13.3 | 26.9 | 70.5 | 5.98 |
| E5285575 | <0.2 | 1.15 | 3 | <5 | 18 | <0.5 | <1 | <0.01 | <0.5 | 103 | 18.2 | 21.9 | 57.8 | 4.19 |
| E5285576 | <0.2 | 2.25 | 6 | 6 | 13 | 0.5 | <1 | <0.01 | <0.5 | 52 | 9.3 | 26.3 | 102 | 7.31 |
| E5285577 | <0.2 | 1.77 | 25 | <5 | 13 | <0.5 | <1 | 0.02 | <0.5 | 95 | 13.5 | 23.2 | 48.4 | 4.68 |
| E5285578 | <0.2 | 1.85 | 6 | 5 | 10 | <0.5 | <1 | <0.01 | <0.5 | 49 | 7.8 | 24.2 | 68.1 | 5.42 |
| E5285579 | <0.2 | 2.03 | 20 | <5 | 13 | 0.6 | <1 | 0.04 | <0.5 | 143 | 30.0 | 24.1 | 67.5 | 5.06 |
| E5285580 | <0.2 | 1.74 | 84 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 124 | 13.3 | 23.2 | 57.1 | 4.52 |
| E5285581 | <0.2 | 1.81 | 11 | <5 | 18 | 0.5 | <1 | 0.02 | <0.5 | 86 | 19.2 | 22.3 | 57.7 | 4.53 |
| E5285582 | <0.2 | 2.02 | 25 | 6 | 16 | 0.6 | <1 | <0.01 | <0.5 | 91 | 22.2 | 25.9 | 77.5 | 5.52 |
| E5285583 | <0.2 | 1.87 | 7 | 5 | 13 | <0.5 | <1 | <0.01 | <0.5 | 75 | 5.9 | 27.9 | 87.0 | 6.42 |
| E5285584 | <0.2 | 1.84 | 19 | <5 | 21 | 0.8 | <1 | 0.06 | <0.5 | 122 | 20.9 | 19.7 | 54.8 | 4.70 |
| E5285585 | <0.2 | 2.06 | 11 | <5 | 22 | 1.0 | <1 | 0.02 | <0.5 | 67 | 14.1 | 25.8 | 66.1 | 5.04 |
| E5285586 | <0.2 | 2.46 | 14 | <5 | 47 | <0.5 | <1 | 0.02 | <0.5 | 106 | 7.8 | 29.5 | 50.9 | 4.40 |
| E5285587 | <0.2 | 2.12 | 21 | <5 | 28 | <0.5 | <1 | 0.19 | <0.5 | 122 | 18.9 | 25.6 | 57.4 | 3.84 |
| E5285588 | <0.2 | 2.06 | 11 | <5 | 15 | <0.5 | <1 | 0.08 | <0.5 | 139 | 20.0 | 26.5 | 48.5 | 3.82 |
| E5285589 | <0.2 | 2.22 | 13 | <5 | 16 | 0.5 | <1 | 0.10 | <0.5 | 167 | 18.7 | 31.2 | 70.6 | 4.15 |
| E5285590 | <0.2 | 2.61 | 30 | <5 | 16 | 0.5 | <1 | 0.21 | <0.5 | 118 | 21.3 | 34.3 | 64.0 | 4.82 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285591 | <0.2 | 2.24 | 31 | <5 | 18 | 0.5 | <1 | 0.10 | <0.5 | 96 | 13.4 | 24.5 | 49.5 | 4.31 |
| E5285592 | <0.2 | 2.61 | 26 | <5 | 19 | 0.6 | <1 | 0.25 | <0.5 | 110 | 28.3 | 32.6 | 61.8 | 4.89 |
| E5286110 | <0.2 | 1.61 | 4 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 58 | 7.9 | 19.2 | 47.3 | 4.29 |
| E5286111 | <0.2 | 1.35 | 7 | <5 | 10 | <0.5 | <1 | 0.03 | <0.5 | 74 | 11.5 | 15.9 | 43.6 | 4.25 |
| E5286112 | <0.2 | 1.24 | 29 | <5 | 12 | <0.5 | <1 | 0.02 | <0.5 | 57 | 5.6 | 17.7 | 35.7 | 3.85 |
| E5286113 | 0.2 | 1.31 | 8 | <5 | 22 | <0.5 | <1 | 0.03 | <0.5 | 69 | 5.5 | 16.3 | 37.3 | 3.15 |
| E5286114 | <0.2 | 1.71 | 66 | <5 | 16 | <0.5 | <1 | <0.01 | <0.5 | 118 | 6.3 | 24.3 | 41.0 | 4.51 |
| E5286115 | <0.2 | 1.56 | 132 | <5 | 19 | <0.5 | <1 | 0.01 | <0.5 | 81 | 3.4 | 21.2 | 32.0 | 4.56 |
| E5286116 | <0.2 | 2.00 | 96 | <5 | 13 | <0.5 | <1 | 0.01 | <0.5 | 107 | 7.0 | 25.1 | 42.4 | 4.46 |
| E5286117 | <0.2 | 2.42 | 42 | <5 | 29 | <0.5 | <1 | 0.02 | <0.5 | 96 | 5.1 | 30.0 | 46.6 | 4.64 |
| E5286118 | <0.2 | 2.44 | 13 | <5 | 14 | <0.5 | <1 | 0.07 | <0.5 | 109 | 11.1 | 31.5 | 73.8 | 4.91 |
| E5286119 | <0.2 | 2.18 | 30 | <5 | 16 | 0.7 | <1 | 0.13 | <0.5 | 145 | 18.3 | 30.1 | 45.9 | 3.73 |
| E5286120 | <0.2 | 2.55 | 21 | <5 | 14 | <0.5 | <1 | 0.13 | <0.5 | 140 | 19.8 | 33.2 | 55.8 | 4.73 |
| E5286121 | <0.2 | 2.45 | 21 | 5 | 18 | <0.5 | <1 | 0.07 | <0.5 | 96 | 14.4 | 32.3 | 35.5 | 4.11 |
| E5286122 | <0.2 | 2.65 | 27 | 5 | 17 | <0.5 | <1 | 0.11 | <0.5 | 112 | 15.2 | 35.9 | 45.3 | 4.60 |
| E5286123 | <0.2 | 2.78 | 33 | 6 | 12 | <0.5 | <1 | 0.17 | <0.5 | 145 | 21.1 | 35.8 | 56.1 | 5.00 |
| E5286124 | <0.2 | 2.74 | 42 | <5 | 17 | 0.5 | <1 | 0.15 | <0.5 | 124 | 14.0 | 35.4 | 53.2 | 4.65 |
| E5286125 | <0.2 | 2.56 | 59 | <5 | 14 | <0.5 | <1 | 0.18 | <0.5 | 113 | 15.1 | 30.6 | 51.9 | 4.41 |
| E5286126 | <0.2 | 2.81 | 195 | <5 | 8 | <0.5 | <1 | 0.11 | <0.5 | 128 | 15.7 | 32.9 | 59.3 | 5.02 |
| E5286127 | <0.2 | 2.18 | 14 | <5 | 18 | <0.5 | <1 | 0.10 | <0.5 | 101 | 8.2 | 26.1 | 40.8 | 4.05 |
| E5286128 | <0.2 | 2.01 | 18 | <5 | 16 | <0.5 | <1 | 0.15 | <0.5 | 111 | 16.6 | 24.2 | 45.4 | 3.73 |
| E5286129 | <0.2 | 2.49 | 23 | <5 | 11 | 0.6 | <1 | 0.17 | <0.5 | 111 | 20.5 | 30.4 | 60.3 | 4.28 |
| E5286130 | <0.2 | 2.27 | 26 | <5 | 10 | <0.5 | <1 | 0.14 | <0.5 | 115 | 18.0 | 24.7 | 53.1 | 3.98 |
| E5286060 | <0.2 | 0.73 | 35 | <5 | 28 | <0.5 | <1 | 0.03 | <0.5 | 17 | 3.2 | 5.3 | 11.8 | 1.21 |
| E5286061 | <0.2 | 1.32 | 10 | <5 | 23 | <0.5 | <1 | 0.08 | <0.5 | 27 | 18.6 | 15.0 | 40.8 | 4.04 |
| E5286062 | <0.2 | 1.29 | 7 | <5 | 33 | <0.5 | <1 | 0.09 | <0.5 | 19 | 7.4 | 13.7 | 21.0 | 2.79 |
| E5286063 | <0.2 | 1.37 | 23 | <5 | 56 | <0.5 | <1 | 0.25 | <0.5 | 48 | 7.9 | 16.6 | 23.4 | 3.00 |
| E5286064 | <0.2 | 1.25 | 11 | <5 | 42 | <0.5 | <1 | 0.04 | <0.5 | 41 | 13.8 | 14.9 | 28.0 | 3.44 |
| E5286065 | <0.2 | 1.34 | 17 | <5 | 30 | <0.5 | <1 | 0.07 | <0.5 | 57 | 8.3 | 14.3 | 23.9 | 3.28 |
| E5286066 | <0.2 | 1.65 | 8 | <5 | 28 | <0.5 | <1 | 0.27 | <0.5 | 35 | 6.5 | 18.8 | 23.8 | 3.39 |
| E5286067 | <0.2 | 1.28 | 54 | <5 | 33 | <0.5 | <1 | 0.45 | <0.5 | 37 | 13.7 | 13.5 | 36.4 | 4.38 |
| E5286068 | <0.2 | 1.88 | 9 | <5 | 22 | <0.5 | <1 | 0.09 | <0.5 | 75 | 18.8 | 22.8 | 52.3 | 3.81 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5286069 | <0.2 | 1.40 | 6 | <5 | 48 | <0.5 | <1 | 0.07 | <0.5 | 26 | 6.0 | 17.5 | 18.6 | 2.81 |
| E5286070 | <0.2 | 1.27 | 9 | <5 | 70 | <0.5 | <1 | 0.03 | <0.5 | 64 | 6.7 | 9.8 | 16.5 | 2.56 |
| E5286071 | <0.2 | 1.84 | 9 | <5 | 20 | <0.5 | <1 | 0.04 | <0.5 | 91 | 9.0 | 19.2 | 37.9 | 3.66 |
| E5286072 | <0.2 | 1.20 | 8 | <5 | 33 | <0.5 | <1 | 0.03 | <0.5 | 64 | 7.8 | 14.0 | 74.3 | 2.47 |
| E5286073 | <0.2 | 1.37 | 15 | <5 | 51 | 0.6 | <1 | 0.09 | <0.5 | 73 | 9.8 | 12.1 | 22.9 | 3.06 |
| E5286074 | <0.2 | 1.18 | 18 | <5 | 42 | 0.6 | <1 | 0.40 | <0.5 | 72 | 8.9 | 11.8 | 25.9 | 3.02 |
| E5286075 | <0.2 | 1.33 | 13 | <5 | 34 | <0.5 | <1 | 0.08 | <0.5 | 57 | 5.9 | 14.2 | 26.5 | 2.80 |
| E5286076 | <0.2 | 1.93 | 9 | <5 | 39 | <0.5 | <1 | 0.14 | <0.5 | 46 | 12.0 | 20.4 | 45.8 | 4.31 |
| E5286077 | <0.2 | 2.48 | 14 | <5 | 27 | 1.0 | <1 | 0.06 | <0.5 | 84 | 47.0 | 26.0 | 67.8 | 4.73 |
| E5286078 | <0.2 | 1.03 | 7 | <5 | 42 | <0.5 | <1 | 0.12 | <0.5 | 30 | 6.8 | 8.9 | 20.3 | 2.48 |
| E5286079 | <0.2 | 1.08 | 8 | <5 | 29 | 0.5 | <1 | 0.34 | <0.5 | 56 | 10.4 | 10.6 | 28.4 | 4.03 |
| E5286080 | <0.2 | 2.04 | 17 | <5 | 30 | 0.7 | <1 | 0.12 | <0.5 | 54 | 27.1 | 23.1 | 59.8 | 4.32 |
| E5286081 | <0.2 | 2.21 | 9 | <5 | 25 | <0.5 | <1 | 0.05 | <0.5 | 74 | 16.3 | 27.3 | 37.2 | 4.21 |
| E5286082 | <0.2 | 1.65 | 7 | <5 | 20 | <0.5 | <1 | 0.02 | <0.5 | 69 | 6.2 | 18.9 | 19.4 | 3.87 |
| E5286083 | <0.2 | 1.68 | 12 | <5 | 30 | <0.5 | <1 | 0.06 | <0.5 | 57 | 7.5 | 21.6 | 23.7 | 4.04 |
| E5286084 | <0.2 | 1.21 | 3 | <5 | 16 | <0.5 | <1 | 0.07 | <0.5 | 26 | 9.3 | 16.3 | 11.1 | 2.17 |
| E5286085 | <0.2 | 2.99 | 14 | 6 | 47 | 0.5 | <1 | 0.12 | <0.5 | 96 | 25.9 | 40.0 | 47.3 | 6.99 |
| E5286086 | <0.2 | 1.68 | 13 | <5 | 15 | <0.5 | <1 | 0.01 | <0.5 | 109 | 8.6 | 23.5 | 26.9 | 4.08 |
| E5286087 | <0.2 | 1.67 | 13 | <5 | 14 | <0.5 | <1 | 0.01 | <0.5 | 106 | 8.7 | 23.4 | 26.9 | 4.07 |
| E5286088 | <0.2 | 1.32 | 3 | <5 | 14 | <0.5 | <1 | 0.02 | <0.5 | 52 | 13.7 | 26.3 | 18.6 | 4.03 |
| E5286089 | <0.2 | 1.43 | 37 | <5 | 31 | <0.5 | <1 | 0.03 | <0.5 | 34 | 3.9 | 20.6 | 21.5 | 3.50 |
| E5286090 | <0.2 | 1.30 | 42 | <5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 41 | 4.1 | 23.3 | 20.9 | 3.96 |
| E5286091 | 0.4 | 0.61 | 34 | <5 | 31 | <0.5 | <1 | 0.14 | <0.5 | 17 | 1.9 | 6.7 | 12.1 | 0.96 |
| E5286092 | <0.2 | 0.97 | 16 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 26 | 2.9 | 13.9 | 11.5 | 1.51 |
| E5286093 | 0.2 | 0.79 | 7 | <5 | 16 | <0.5 | <1 | 0.13 | <0.5 | 38 | 8.5 | 5.7 | 31.2 | 1.03 |
| E5286094 | <0.2 | 1.12 | 21 | <5 | 27 | <0.5 | <1 | 0.02 | <0.5 | 33 | 3.6 | 17.2 | 18.8 | 2.83 |
| E5286095 | <0.2 | 1.61 | 17 | <5 | 37 | <0.5 | <1 | 0.06 | <0.5 | 62 | 16.6 | 17.7 | 33.0 | 3.00 |
| E5286096 | <0.2 | 1.78 | 36 | <5 | 31 | <0.5 | <1 | 0.10 | <0.5 | 46 | 5.3 | 21.6 | 32.0 | 4.03 |
| E5286097 | <0.2 | 1.61 | 47 | 6 | 20 | 0.5 | <1 | 0.03 | <0.5 | 59 | 12.6 | 18.5 | 96.7 | 5.60 |
| E5286098 | 0.3 | 2.24 | 437 | 6 | 44 | 1.2 | <1 | 0.11 | 0.8 | 95 | 86.5 | 22.7 | 101 | 4.67 |
| E5286099 | <0.2 | 1.53 | 192 | <5 | 47 | 0.6 | <1 | 0.14 | <0.5 | 41 | 9.9 | 17.2 | 36.2 | 2.43 |
| E5286100 | <0.2 | 1.05 | 68 | <5 | 77 | <0.5 | <1 | 0.56 | <0.5 | 26 | 6.5 | 11.6 | 16.9 | 2.30 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5286101 | <0.2 | 1.09 | 72 | <5 | 28 | 0.6 | <1 | 0.46 | <0.5 | 29 | 17.3 | 9.9 | 31.8 | 4.10 |
| E5286102 | <0.2 | 0.65 | 266 | <5 | 38 | 0.6 | <1 | 0.04 | <0.5 | 40 | 11.2 | 4.9 | 25.0 | 3.60 |
| E5286103 | <0.2 | 1.22 | 68 | <5 | 29 | <0.5 | <1 | 0.10 | <0.5 | 49 | 22.2 | 12.5 | 39.1 | 3.46 |
| E5286104 | <0.2 | 1.44 | 23 | <5 | 35 | <0.5 | <1 | 0.18 | <0.5 | 46 | 6.7 | 16.0 | 19.1 | 3.09 |
| E5286105 | <0.2 | 1.40 | 254 | <5 | 23 | <0.5 | <1 | 0.38 | <0.5 | 44 | 11.3 | 17.1 | 25.6 | 3.30 |
| E5286106 | <0.2 | 1.63 | 19 | <5 | 41 | <0.5 | <1 | 0.78 | <0.5 | 32 | 6.1 | 18.1 | 27.1 | 2.60 |
| E5286107 | <0.2 | 1.61 | 19 | <5 | 57 | <0.5 | <1 | 0.10 | <0.5 | 35 | 8.0 | 17.9 | 20.1 | 2.92 |
| E5286108 | <0.2 | 1.48 | 10 | <5 | 37 | <0.5 | <1 | 0.03 | <0.5 | 44 | 5.0 | 19.1 | 18.4 | 3.27 |
| E5286109 | <0.2 | 1.25 | 9 | <5 | 42 | <0.5 | <1 | 0.06 | <0.5 | 56 | 6.7 | 16.3 | 17.8 | 2.80 |
| E5286560 | <0.2 | 1.87 | 4 | <5 | 25 | <0.5 | <1 | 0.05 | <0.5 | 46 | 18.0 | 31.5 | 21.2 | 4.13 |
| E5286561 | <0.2 | 1.25 | 2 | <5 | 19 | <0.5 | <1 | 0.04 | <0.5 | 37 | 18.3 | 34.3 | 10.9 | 4.66 |
| E5286562 | <0.2 | 0.93 | 4 | <5 | 21 | <0.5 | <1 | 0.01 | <0.5 | 88 | 11.6 | 23.3 | 9.6 | 4.30 |
| E5286563 | <0.2 | 1.58 | 5 | <5 | 34 | <0.5 | <1 | 0.03 | <0.5 | 61 | 17.2 | 26.0 | 19.9 | 3.91 |
| E5286564 | <0.2 | 1.78 | 3 | <5 | 29 | <0.5 | <1 | 0.07 | <0.5 | 55 | 22.7 | 33.8 | 42.7 | 4.30 |
| E5286565 | <0.2 | 1.05 | 2 | <5 | 20 | <0.5 | <1 | 0.01 | <0.5 | 37 | 9.9 | 26.6 | 7.8 | 3.50 |
| E5286566 | <0.2 | 0.93 | 4 | <5 | 26 | <0.5 | <1 | 0.02 | <0.5 | 69 | 7.7 | 24.5 | 9.6 | 4.33 |
| E5286567 | <0.2 | 1.38 | 11 | <5 | 22 | <0.5 | <1 | 0.02 | <0.5 | 62 | 6.2 | 22.3 | 19.7 | 3.39 |
| E5286568 | <0.2 | 2.09 | 3 | <5 | 39 | <0.5 | <1 | 0.13 | <0.5 | 112 | 23.1 | 39.1 | 46.2 | 4.43 |
| E5286569 | <0.2 | 1.16 | 3 | <5 | 18 | <0.5 | <1 | 0.03 | <0.5 | 43 | 7.6 | 20.7 | 8.7 | 2.93 |
| E5286570 | <0.2 | 1.34 | 2 | <5 | 24 | <0.5 | <1 | 0.06 | <0.5 | 64 | 16.4 | 35.0 | 27.4 | 5.10 |
| E5286571 | <0.2 | 1.73 | 3 | <5 | 79 | <0.5 | <1 | 0.04 | <0.5 | 38 | 20.9 | 26.3 | 41.3 | 3.26 |
| E5286572 | <0.2 | 1.56 | 5 | <5 | 32 | <0.5 | <1 | 0.01 | <0.5 | 64 | 12.6 | 26.1 | 16.4 | 4.96 |
| E5286573 | <0.2 | 1.37 | 5 | <5 | 48 | <0.5 | <1 | 0.03 | <0.5 | 46 | 5.4 | 20.3 | 16.9 | 2.59 |
| E5286574 | <0.2 | 0.87 | 3 | <5 | 42 | <0.5 | <1 | 0.02 | <0.5 | 51 | 5.3 | 26.9 | 14.8 | 3.96 |
| E5286575 | <0.2 | 0.81 | 3 | <5 | 36 | <0.5 | <1 | 0.01 | <0.5 | 59 | 5.8 | 25.9 | 11.1 | 3.82 |
| E5286576 | <0.2 | 0.81 | 2 | <5 | 36 | <0.5 | <1 | 0.02 | <0.5 | 83 | 6.7 | 25.7 | 11.5 | 3.81 |
| E5286577 | <0.2 | 1.18 | 4 | <5 | 41 | <0.5 | <1 | 0.02 | <0.5 | 60 | 6.2 | 19.0 | 19.5 | 2.80 |
| E5286578 | <0.2 | 0.67 | 3 | <5 | 191 | <0.5 | <1 | 0.02 | <0.5 | 122 | 15.8 | 29.3 | 25.1 | 3.38 |
| E5286579 | <0.2 | 1.51 | 4 | <5 | 48 | <0.5 | <1 | 0.01 | <0.5 | 128 | 21.0 | 35.9 | 14.1 | 5.98 |
| E5286580 | <0.2 | 1.63 | 10 | <5 | 38 | <0.5 | <1 | 0.01 | <0.5 | 86 | 11.4 | 21.6 | 52.9 | 4.32 |
| E5286581 | <0.2 | 1.67 | 11 | <5 | 43 | <0.5 | <1 | <0.01 | <0.5 | 82 | 6.4 | 22.0 | 4.9 | 3.70 |
| E5286582 | <0.2 | 1.51 | 2 | <5 | 22 | <0.5 | <1 | <0.01 | <0.5 | 40 | 15.5 | 21.2 | 7.9 | 3.80 |

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5286583 | <0.2 | 1.30 | 2 | <5 | 45 | <0.5 | <1 | 0.01 | <0.5 | 43 | 8.9 | 18.9 | 5.1 | 4.00 |
| E5286584 | <0.2 | 1.76 | 2 | <5 | 30 | <0.5 | <1 | 0.01 | <0.5 | 74 | 18.9 | 23.5 | 6.0 | 4.19 |
| E5286585 | <0.2 | 1.49 | 3 | <5 | 26 | 0.5 | <1 | 0.05 | <0.5 | 128 | 23.5 | 24.9 | 50.9 | 4.42 |
| E5286586 | <0.2 | 1.54 | 11 | <5 | 39 | <0.5 | <1 | <0.01 | <0.5 | 63 | 16.1 | 23.4 | 25.9 | 4.20 |
| E5286587 | 0.2 | 1.67 | 13 | <5 | 45 | <0.5 | <1 | 0.01 | <0.5 | 69 | 8.9 | 22.1 | 18.9 | 4.14 |
| E5286588 | <0.2 | 1.39 | 4 | <5 | 27 | <0.5 | <1 | <0.01 | <0.5 | 72 | 9.0 | 21.4 | 13.5 | 3.95 |
| E5286589 | <0.2 | 1.44 | 7 | <5 | 25 | <0.5 | <1 | <0.01 | <0.5 | 104 | 12.1 | 23.0 | 10.9 | 4.70 |
| E5286590 | <0.2 | 1.30 | 3 | <5 | 18 | <0.5 | <1 | <0.01 | <0.5 | 99 | 7.0 | 19.2 | 9.2 | 3.24 |
| E5286591 | <0.2 | 1.35 | 17 | <5 | 24 | <0.5 | <1 | 0.54 | <0.5 | 35 | 13.6 | 17.5 | 45.5 | 4.00 |
| E5286592 | <0.2 | 0.94 | 13 | <5 | 19 | <0.5 | <1 | 0.38 | <0.5 | 24 | 4.7 | 11.3 | 19.7 | 2.10 |
| E5286593 | <0.2 | 1.38 | 10 | <5 | 44 | <0.5 | <1 | 0.52 | <0.5 | 27 | 8.4 | 14.9 | 27.8 | 2.53 |
| E5286594 | <0.2 | 1.86 | 13 | <5 | 63 | 0.7 | <1 | 0.19 | <0.5 | 68 | 13.5 | 16.9 | 41.5 | 3.48 |
| E5286595 | <0.2 | 0.40 | 2 | <5 | 16 | <0.5 | <1 | 0.06 | <0.5 | 5 | 1.2 | 2.3 | 4.3 | 0.53 |
| E5286596 | <0.2 | 0.99 | 8 | <5 | 29 | <0.5 | <1 | 0.13 | <0.5 | 24 | 5.7 | 9.7 | 14.2 | 1.79 |
| E5286597 | <0.2 | 1.41 | 12 | <5 | 30 | <0.5 | <1 | 0.11 | <0.5 | 66 | 9.0 | 16.1 | 22.5 | 3.13 |
| E5286598 | <0.2 | 1.58 | 12 | <5 | 31 | <0.5 | <1 | 0.13 | <0.5 | 67 | 15.3 | 15.4 | 33.2 | 3.49 |
| E5286599 | <0.2 | 0.28 | 1 | <5 | 16 | <0.5 | <1 | 0.06 | <0.5 | 5 | 0.8 | 1.6 | 3.6 | 0.38 |
| E5286600 | <0.2 | 1.17 | 8 | <5 | 32 | <0.5 | <1 | 0.04 | <0.5 | 26 | 4.8 | 13.7 | 18.8 | 2.26 |
| E5286601 | <0.2 | 1.67 | 11 | <5 | 30 | <0.5 | <1 | 0.14 | <0.5 | 68 | 15.7 | 18.8 | 41.3 | 3.60 |
| E5286602 | <0.2 | 1.33 | 8 | <5 | 35 | <0.5 | <1 | 0.05 | <0.5 | 42 | 5.5 | 15.4 | 24.9 | 2.63 |
| E5286603 | <0.2 | 1.34 | 7 | <5 | 32 | <0.5 | <1 | 0.48 | <0.5 | 23 | 5.8 | 10.5 | 17.5 | 2.09 |
| E5286604 | <0.2 | 0.64 | 2 | <5 | 25 | <0.5 | <1 | 0.10 | <0.5 | 8 | 1.5 | 3.0 | 5.5 | 0.57 |
| E5286605 | <0.2 | 0.77 | 5 | <5 | 20 | <0.5 | <1 | 0.08 | <0.5 | 16 | 2.8 | 7.3 | 16.1 | 1.36 |
| E5286606 | <0.2 | 1.23 | 17 | <5 | 15 | <0.5 | <1 | 1.15 | <0.5 | 30 | 14.1 | 12.3 | 41.3 | 4.07 |
| E5286607 | <0.2 | 1.43 | 26 | 5 | 36 | <0.5 | <1 | 0.42 | <0.5 | 34 | 8.9 | 14.9 | 30.4 | 3.44 |
| E5286608 | <0.2 | 1.05 | 13 | <5 | 26 | <0.5 | <1 | 0.57 | <0.5 | 10 | 3.6 | 5.2 | 12.7 | 1.06 |
| E5286609 | <0.2 | 1.55 | 19 | <5 | 23 | 0.5 | <1 | 0.44 | <0.5 | 36 | 17.4 | 16.5 | 46.4 | 4.20 |
| E5285660 | 0.3 | 1.39 | 16 | 5 | 15 | 0.5 | <1 | 0.10 | <0.5 | 44 | 27.9 | 15.5 | 81.7 | 5.60 |
| E5285661 | <0.2 | 1.30 | 10 | <5 | 18 | <0.5 | <1 | 0.13 | <0.5 | 23 | 17.1 | 12.7 | 49.7 | 4.02 |
| E5285662 | <0.2 | 1.58 | 14 | 5 | 28 | 0.7 | <1 | 0.08 | <0.5 | 56 | 33.0 | 14.1 | 72.8 | 7.00 |
| E5285663 | <0.2 | 0.34 | 57 | <5 | 16 | <0.5 | <1 | 0.03 | <0.5 | 46 | 11.2 | 4.2 | 27.5 | 2.39 |
| E5285664 | 0.5 | 1.48 | 270 | <5 | 42 | <0.5 | <1 | 0.03 | <0.5 | 40 | 4.0 | 18.0 | 55.2 | 3.68 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description | RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285665 | | 0.3 | 0.33 | 212 | <5 | 19 | <0.5 | <1 | <0.01 | <0.5 | 115 | 1.6 | 6.6 | 13.8 | 1.50 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L87N 85+00E | <5 | <1 | <1 | 0.05 | 28 | 57 | 1.09 | 1360 | 1.9 | <0.01 | 45.0 | 452 | 10.3 | 12 |
| L87N 85+50E | <5 | <1 | <1 | 0.02 | 21 | 39 | 0.63 | 435 | 0.9 | <0.01 | 23.2 | 394 | 7.0 | <10 |
| L87N 86+00E | <5 | <1 | <1 | 0.03 | 19 | 28 | 0.49 | 470 | 0.9 | <0.01 | 17.2 | 426 | 3.9 | <10 |
| L87N 86+50E | <5 | <1 | <1 | 0.04 | 17 | 25 | 0.41 | 513 | <0.5 | <0.01 | 11.9 | 289 | 9.5 | 14 |
| L87N 87+00E | <5 | <1 | <1 | 0.09 | 31 | 65 | 1.09 | 689 | <0.5 | <0.01 | 41.4 | 253 | 17.1 | 12 |
| L87N 87+50E | <5 | <1 | <1 | 0.08 | 35 | 56 | 1.05 | 698 | 0.8 | <0.01 | 35.6 | 222 | 17.8 | 14 |
| L87N 88+00E | <5 | <1 | <1 | 0.04 | 20 | 34 | 0.60 | 1150 | 0.9 | 0.01 | 27.7 | 745 | 26.8 | 11 |
| L87N 88+50E | <5 | <1 | <1 | 0.08 | 27 | 62 | 1.05 | 650 | 0.6 | <0.01 | 38.4 | 327 | 28.0 | 13 |
| L87N 89+00E | <5 | <1 | <1 | 0.03 | 26 | 56 | 0.88 | 701 | 0.9 | <0.01 | 23.4 | 286 | 38.4 | <10 |
| L87N 89+50E | <5 | <1 | <1 | 0.03 | 16 | 34 | 0.51 | 390 | 1.8 | <0.01 | 24.1 | 487 | 27.4 | <10 |
| L87N 90+00E | <5 | <1 | <1 | 0.04 | 17 | 29 | 0.52 | 440 | 1.4 | <0.01 | 12.9 | 306 | 8.4 | 10 |
| L87N 90+50E | <5 | <1 | <1 | 0.02 | 11 | 37 | 0.62 | 425 | 1.1 | <0.01 | 14.6 | 438 | 8.8 | <10 |
| L87N 91+00E | <5 | <1 | <1 | 0.04 | 18 | 22 | 0.38 | 625 | 1.7 | 0.01 | 14.8 | 893 | 14.9 | <10 |
| L87N 91+50E | <5 | <1 | <1 | 0.05 | 28 | 58 | 0.95 | 859 | 0.6 | <0.01 | 33.4 | 413 | 23.7 | <10 |
| L87N 92+00E | <5 | <1 | <1 | 0.03 | 51 | 70 | 1.10 | 750 | 1.2 | <0.01 | 49.8 | 520 | 19.7 | <10 |
| L87N 92+50E | <5 | <1 | <1 | 0.04 | 33 | 56 | 0.86 | 610 | 0.7 | <0.01 | 30.5 | 411 | 15.8 | <10 |
| L87N 93+00E | <5 | <1 | <1 | 0.03 | 22 | 45 | 0.65 | 653 | <0.5 | <0.01 | 21.4 | 488 | 16.4 | <10 |
| L87N 93+50E | <5 | <1 | <1 | 0.03 | 11 | 28 | 0.44 | 210 | <0.5 | 0.01 | 14.8 | 359 | 3.8 | <10 |
| L87N 94+00E | <5 | <1 | <1 | 0.03 | 20 | 30 | 0.50 | 551 | 0.5 | <0.01 | 16.4 | 448 | 9.0 | <10 |
| L87N 94+50E | <5 | <1 | <1 | 0.04 | 23 | 49 | 0.81 | 1290 | <0.5 | <0.01 | 27.6 | 441 | 6.3 | <10 |
| L87N 95+00E | <5 | <1 | <1 | 0.05 | 33 | 52 | 0.87 | 770 | 0.9 | <0.01 | 34.9 | 444 | 9.4 | 10 |
| L87N 95+50E | <5 | <1 | <1 | 0.04 | 16 | 74 | 1.19 | 515 | 0.5 | <0.01 | 35.9 | 371 | 6.9 | <10 |
| L87N 96+00E | <5 | <1 | <1 | 0.03 | 34 | 66 | 1.18 | 1230 | 0.7 | <0.01 | 33.8 | 439 | 12.3 | <10 |
| L87N 96+50E | <5 | <1 | <1 | 0.03 | 17 | 29 | 0.47 | 1400 | 0.6 | <0.01 | 15.8 | 873 | 16.7 | 10 |
| L87N 97+00E | <5 | <1 | <1 | 0.04 | 15 | 34 | 0.58 | 810 | 0.5 | <0.01 | 18.9 | 498 | 10.0 | <10 |
| L87N 97+50E | <5 | <1 | <1 | 0.03 | 20 | 40 | 0.67 | 404 | <0.5 | <0.01 | 25.6 | 307 | 5.4 | <10 |
| L87N 98+00E | <5 | <1 | <1 | 0.03 | 10 | 10 | 0.19 | 281 | 0.9 | 0.02 | 8.1 | 556 | 3.9 | <10 |
| L87N 98+50E | <5 | <1 | <1 | 0.04 | 21 | 32 | 0.66 | 970 | 0.5 | 0.01 | 19.4 | 487 | 5.9 | <10 |
| L87N 99+00E | <5 | <1 | <1 | 0.05 | 19 | 35 | 0.66 | 599 | 0.7 | 0.01 | 22.2 | 537 | 7.7 | 12 |
| L87N 99+50E | <5 | <1 | <1 | 0.03 | 12 | 36 | 0.58 | 318 | <0.5 | <0.01 | 18.3 | 495 | 13.8 | <10 |
| L87N 100+00E | <5 | <1 | <1 | 0.02 | 29 | 59 | 0.88 | 655 | 0.5 | <0.01 | 33.4 | 454 | 93.7 | <10 |
| L87N 100+50E | <5 | <1 | <1 | 0.02 | 7 | 21 | 0.33 | 296 | <0.5 | 0.01 | 11.3 | 386 | 6.0 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L87N 101+00E | <5 | <1 | <1 | 0.02 | 12 | 40 | 0.63 | 517 | 0.9 | <0.01 | 21.0 | 734 | 9.8 | <10 |
| L87N 101+50E | <5 | <1 | <1 | 0.04 | 21 | 39 | 0.64 | 829 | 1.1 | <0.01 | 21.7 | 878 | 9.4 | 10 |
| L87N 102+00E | <5 | <1 | <1 | 0.03 | 28 | 51 | 0.83 | 714 | 1.3 | <0.01 | 31.7 | 560 | 18.4 | <10 |
| L87N 102+50E | <5 | <1 | <1 | 0.03 | 22 | 53 | 0.90 | 550 | 2.6 | <0.01 | 37.3 | 632 | 10.3 | <10 |
| L87N 103+00E | <5 | <1 | <1 | 0.03 | 22 | 48 | 0.84 | 547 | 0.6 | <0.01 | 24.4 | 852 | 12.6 | <10 |
| L87N 103+50E | <5 | <1 | <1 | 0.03 | 15 | 24 | 0.40 | 437 | 0.6 | <0.01 | 13.0 | 963 | 9.9 | <10 |
| L87N 104+00E | <5 | <1 | <1 | 0.02 | 23 | 46 | 0.71 | 378 | 0.6 | <0.01 | 21.6 | 475 | 12.7 | <10 |
| L87N 104+50E | <5 | <1 | <1 | 0.02 | 17 | 34 | 0.56 | 315 | <0.5 | <0.01 | 17.1 | 595 | 11.1 | <10 |
| L87N 105+00E | <5 | <1 | <1 | 0.03 | 15 | 20 | 0.35 | 432 | 0.6 | 0.01 | 12.2 | 607 | 10.4 | <10 |
| L87N 105+50E | <5 | <1 | <1 | 0.04 | 29 | 67 | 1.13 | 1730 | 1.5 | <0.01 | 41.9 | 635 | 41.7 | <10 |
| L87N 106+00E | <5 | <1 | <1 | 0.03 | 86 | 15 | 0.22 | 334 | 0.7 | 0.03 | 14.6 | 501 | 8.2 | <10 |
| L87N 106+50E | <5 | <1 | <1 | 0.03 | 37 | 73 | 1.19 | 873 | 1.0 | <0.01 | 41.0 | 446 | 19.1 | <10 |
| L87N 107+00E | <5 | <1 | <1 | 0.03 | 35 | 50 | 0.79 | 699 | 1.0 | <0.01 | 28.8 | 421 | 18.3 | <10 |
| L87N 107+50E | <5 | <1 | <1 | 0.03 | 47 | 62 | 0.95 | 803 | 1.0 | <0.01 | 45.2 | 504 | 14.5 | <10 |
| L87N 108+00E | <5 | <1 | <1 | 0.04 | 34 | 51 | 0.76 | 739 | 1.8 | <0.01 | 32.2 | 570 | 19.5 | 14 |
| L87N 108+50E | <5 | <1 | <1 | 0.02 | 24 | 56 | 0.94 | 935 | 1.0 | <0.01 | 26.9 | 641 | 15.3 | <10 |
| L87N 109+00E | <5 | <1 | <1 | 0.03 | 40 | 52 | 0.84 | 748 | 0.9 | <0.01 | 26.8 | 389 | 15.0 | 10 |
| L88N 85+00E | <5 | <1 | <1 | 0.03 | 19 | 24 | 0.46 | 878 | <0.5 | 0.02 | 50.5 | 619 | 5.7 | <10 |
| L88N 85+50E | <5 | <1 | <1 | 0.03 | 29 | 35 | 0.70 | 1510 | 0.9 | <0.01 | 68.5 | 749 | 8.5 | <10 |
| L88N 86+00E | <5 | <1 | <1 | 0.07 | 50 | 34 | 1.20 | 687 | 1.3 | <0.01 | 37.5 | 578 | 9.2 | 13 |
| L88N 86+50E | <5 | <1 | <1 | 0.04 | 58 | 28 | 1.03 | 946 | 0.5 | <0.01 | 46.7 | 647 | 5.8 | 11 |
| L88N 87+00E | <5 | <1 | <1 | 0.06 | 31 | 53 | 1.05 | 581 | 1.1 | <0.01 | 31.4 | 286 | 18.3 | 13 |
| L88N 87+50E | <5 | <1 | <1 | 0.08 | 39 | 59 | 1.17 | 840 | 1.1 | <0.01 | 39.5 | 269 | 19.2 | 14 |
| L88N 88+00E | <5 | <1 | <1 | 0.03 | 20 | 31 | 0.52 | 490 | 0.8 | 0.02 | 16.9 | 559 | 12.2 | <10 |
| L88N 88+50E | <5 | <1 | <1 | 0.03 | 18 | 34 | 0.58 | 605 | 0.8 | 0.02 | 18.2 | 458 | 13.3 | <10 |
| L88N 89+00E | <5 | <1 | <1 | 0.02 | 13 | 47 | 0.81 | 469 | 1.6 | 0.01 | 14.9 | 383 | 12.9 | <10 |
| L88N 89+50E | <5 | <1 | <1 | 0.02 | 8 | 7 | 0.13 | 130 | 0.7 | 0.02 | 5.0 | 325 | 5.3 | <10 |
| L88N 90+00E | <5 | <1 | <1 | 0.03 | 27 | 30 | 0.55 | 416 | <0.5 | <0.01 | 27.3 | 419 | 18.7 | <10 |
| L88N 90+50E | <5 | <1 | <1 | 0.03 | 16 | 42 | 0.67 | 632 | 0.9 | 0.01 | 25.0 | 435 | 15.7 | <10 |
| L88N 91+00E | <5 | <1 | <1 | 0.03 | 20 | 33 | 0.55 | 668 | 0.7 | <0.01 | 18.6 | 907 | 13.2 | <10 |
| L88N 91+50E | <5 | <1 | <1 | 0.04 | 28 | 35 | 0.53 | 833 | 1.1 | <0.01 | 18.2 | 649 | 13.5 | 11 |
| L88N 92+00E | <5 | <1 | <1 | 0.02 | 21 | 43 | 0.64 | 380 | <0.5 | <0.01 | 24.2 | 754 | 6.8 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L88N 92+50E | <5 | <1 | <1 | 0.07 | 50 | 70 | 0.91 | 4210 | 1.7 | <0.01 | 156 | 643 | 127 | 16 |
| L88N 93+00E | <5 | <1 | <1 | 0.02 | 23 | 37 | 0.59 | 1020 | 0.8 | 0.01 | 36.7 | 444 | 33.3 | <10 |
| L88N 93+50E | <5 | <1 | <1 | 0.02 | 20 | 53 | 0.79 | 530 | <0.5 | 0.01 | 27.0 | 310 | 34.8 | <10 |
| L88N 94+00E | <5 | <1 | <1 | 0.02 | 30 | 53 | 0.80 | 470 | 1.1 | <0.01 | 26.9 | 250 | 13.6 | <10 |
| L88N 94+50E | <5 | <1 | <1 | 0.02 | 10 | 18 | 0.30 | 408 | 0.5 | 0.02 | 9.6 | 446 | 8.9 | <10 |
| L88N 95+00E | <5 | <1 | <1 | 0.03 | 36 | 75 | 1.19 | 925 | <0.5 | <0.01 | 40.1 | 471 | 18.4 | <10 |
| L88N 95+50E | <5 | <1 | <1 | 0.04 | 20 | 59 | 0.93 | 717 | 1.2 | <0.01 | 31.6 | 641 | 17.1 | 11 |
| L88N 96+00E | <5 | <1 | <1 | 0.03 | 27 | 45 | 0.72 | 521 | 0.9 | 0.01 | 23.2 | 412 | 15.0 | <10 |
| L88N 96+50E | <5 | <1 | <1 | 0.04 | 24 | 52 | 0.85 | 642 | 0.9 | <0.01 | 23.6 | 698 | 23.9 | 11 |
| L88N 97+00E | <5 | <1 | <1 | 0.04 | 22 | 59 | 0.89 | 763 | 0.7 | <0.01 | 32.9 | 547 | 15.8 | 11 |
| L88N 97+50E | <5 | <1 | <1 | 0.02 | 25 | 41 | 0.67 | 714 | 1.2 | 0.01 | 23.2 | 403 | 60.5 | <10 |
| L88N 98+00E | <5 | <1 | <1 | 0.04 | 15 | 30 | 0.54 | 466 | <0.5 | 0.01 | 19.4 | 479 | 13.5 | <10 |
| L88N 98+50E | <5 | <1 | <1 | 0.03 | 37 | 78 | 1.20 | 808 | 0.6 | <0.01 | 42.6 | 480 | 20.3 | <10 |
| L88N 99+00E | <5 | <1 | <1 | 0.05 | 30 | 56 | 0.90 | 714 | <0.5 | <0.01 | 29.0 | 589 | 13.8 | 12 |
| L88N 99+50E | <5 | <1 | <1 | 0.03 | 89 | 71 | 1.06 | 1880 | 1.3 | <0.01 | 78.1 | 492 | 62.9 | <10 |
| L89N 85+00E | <5 | <1 | <1 | 0.08 | 22 | 55 | 0.84 | 583 | 0.7 | <0.01 | 30.6 | 259 | 15.8 | 16 |
| L89N 85+50E | <5 | <1 | <1 | 0.10 | 27 | 56 | 0.93 | 449 | <0.5 | <0.01 | 33.3 | 187 | 22.9 | 18 |
| L89N 86+00E | <5 | <1 | <1 | 0.04 | 37 | 69 | 1.16 | 457 | 0.8 | <0.01 | 38.1 | 312 | 9.0 | <10 |
| L89N 86+50E | <5 | <1 | <1 | 0.03 | 41 | 67 | 1.24 | 809 | 0.8 | <0.01 | 51.6 | 448 | 13.9 | <10 |
| L89N 87+00E | <5 | <1 | <1 | 0.06 | 64 | 76 | 1.44 | 751 | <0.5 | <0.01 | 47.2 | 366 | 42.4 | <10 |
| L89N 87+50E | <5 | <1 | <1 | 0.04 | 56 | 77 | 1.35 | 681 | 0.9 | <0.01 | 44.0 | 371 | 20.9 | <10 |
| L89N 88+00E | <5 | <1 | <1 | 0.05 | 25 | 73 | 1.12 | 591 | 0.7 | <0.01 | 37.0 | 284 | 22.5 | <10 |
| L89N 88+50E | <5 | <1 | <1 | 0.03 | 35 | 60 | 1.09 | 762 | 1.3 | <0.01 | 34.4 | 611 | 17.7 | <10 |
| L89N 89+00E | <5 | <1 | <1 | 0.04 | 51 | 67 | 1.14 | 854 | 1.3 | <0.01 | 43.1 | 952 | 33.4 | <10 |
| L89N 89+50E | <5 | <1 | <1 | 0.04 | 30 | 39 | 0.71 | 937 | 0.9 | 0.01 | 25.2 | 790 | 21.8 | <10 |
| L89N 90+00E | <5 | <1 | <1 | 0.03 | 43 | 45 | 0.85 | 2390 | 1.6 | <0.01 | 38.2 | 603 | 28.2 | <10 |
| L89N 90+50E | <5 | <1 | <1 | 0.05 | 29 | 31 | 0.60 | 4820 | 1.7 | <0.01 | 30.6 | 1100 | 20.9 | <10 |
| L89N 91+00E | <5 | <1 | <1 | 0.04 | 80 | 59 | 0.92 | 640 | 0.8 | <0.01 | 68.6 | 756 | 63.5 | <10 |
| L89N 91+50E | 6 | <1 | <1 | 0.03 | 13 | 40 | 0.76 | 397 | 0.5 | <0.01 | 23.1 | 693 | 6.3 | <10 |
| L89N 92+00E | 5 | <1 | <1 | 0.03 | 34 | 37 | 0.66 | 375 | 0.7 | 0.01 | 22.6 | 990 | 14.6 | <10 |
| L89N 92+50E | <5 | <1 | <1 | 0.02 | 12 | 37 | 0.73 | 411 | <0.5 | 0.02 | 24.0 | 494 | 8.6 | <10 |
| L89N 93+00E | <5 | <1 | <1 | 0.03 | 36 | 53 | 0.94 | 1000 | 1.0 | 0.01 | 33.0 | 598 | 60.4 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L89N 93+50E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L89N 94+00E | <5 | <1 | <1 | 0.03 | 34 | 67 | 1.09 | 610 | 0.7 | <0.01 | 38.8 | 707 | 12.2 | <10 |
| L89N 94+50E | 6 | <1 | <1 | 0.03 | 44 | 25 | 0.43 | 276 | 1.0 | <0.01 | 18.6 | 556 | 13.3 | <10 |
| L89N 95+00E | <5 | <1 | <1 | 0.03 | 15 | 17 | 0.29 | 177 | <0.5 | 0.02 | 9.1 | 707 | 13.9 | <10 |
| L89N 95+50E | <5 | <1 | <1 | 0.02 | 43 | 60 | 1.03 | 830 | 1.6 | <0.01 | 39.3 | 577 | 23.6 | <10 |
| L89N 96+00E | <5 | <1 | <1 | 0.03 | 40 | 71 | 1.18 | 981 | 1.2 | <0.01 | 35.5 | 743 | 17.7 | <10 |
| L89N 96+50E | <5 | <1 | <1 | 0.03 | 43 | 56 | 0.95 | 775 | <0.5 | <0.01 | 35.3 | 791 | 20.9 | <10 |
| L89N 97+00E | 6 | <1 | <1 | 0.04 | 15 | 23 | 0.41 | 443 | 1.3 | 0.01 | 14.7 | 942 | 16.3 | 12 |
| L89N 97+50E | <5 | <1 | <1 | 0.04 | 16 | 31 | 0.53 | 529 | 0.9 | 0.02 | 15.2 | 730 | 15.3 | 11 |
| L89N 98+00E | 5 | <1 | <1 | 0.05 | 31 | 40 | 0.71 | 510 | 0.9 | <0.01 | 23.7 | 845 | 15.7 | 20 |
| L89N 98+50E | <5 | <1 | <1 | 0.04 | 49 | 52 | 0.93 | 682 | 1.3 | <0.01 | 38.2 | 592 | 28.0 | 12 |
| L89N 99+00E | <5 | <1 | <1 | 0.04 | 62 | 63 | 1.12 | 852 | 1.3 | <0.01 | 52.4 | 645 | 26.8 | <10 |
| L89N 99+50E | <5 | <1 | <1 | 0.04 | 110 | 62 | 1.11 | 2800 | 1.1 | <0.01 | 141 | 682 | 143 | <10 |
| L89N 100+00E | 5 | <1 | <1 | 0.03 | 64 | 63 | 1.18 | 728 | 0.8 | <0.01 | 47.5 | 512 | 30.3 | <10 |
| L89N 100+50E | <5 | <1 | <1 | 0.03 | 32 | 58 | 1.08 | 499 | <0.5 | <0.01 | 35.5 | 507 | 20.1 | <10 |
| L89N 101+00E | <5 | <1 | <1 | 0.03 | 43 | 60 | 1.10 | 508 | 1.3 | <0.01 | 36.5 | 480 | 18.0 | <10 |
| L89N 101+50E | 6 | <1 | <1 | 0.03 | 48 | 63 | 1.11 | 562 | 1.1 | <0.01 | 40.4 | 453 | 17.7 | <10 |
| L89N 102+00E | <5 | <1 | <1 | 0.04 | 27 | 42 | 0.75 | 733 | <0.5 | 0.01 | 25.2 | 941 | 14.2 | 11 |
| L89N 102+50E | <5 | <1 | <1 | 0.02 | 21 | 37 | 0.69 | 393 | 0.8 | <0.01 | 21.5 | 989 | 9.1 | <10 |
| L89N 103+00E | <5 | <1 | <1 | 0.03 | 22 | 12 | 0.25 | 474 | 0.7 | <0.01 | 10.4 | 1580 | 10.6 | <10 |
| L89N 103+50E | <5 | <1 | <1 | 0.02 | 22 | 42 | 0.74 | 682 | 0.6 | <0.01 | 25.3 | 542 | 10.3 | <10 |
| L89N 104+00E | <5 | <1 | <1 | 0.03 | 19 | 28 | 0.52 | 603 | 1.1 | <0.01 | 17.9 | 1500 | 13.4 | <10 |
| L89N 104+50E | <5 | <1 | <1 | 0.02 | 22 | 35 | 0.66 | 405 | <0.5 | <0.01 | 20.9 | 880 | 8.1 | <10 |
| L89N 105+00E | <5 | <1 | <1 | 0.05 | 39 | 68 | 1.14 | 849 | <0.5 | <0.01 | 39.2 | 443 | 18.5 | <10 |
| L89N 105+50E | <5 | <1 | <1 | 0.03 | 49 | 44 | 0.68 | 379 | 0.8 | 0.01 | 24.8 | 627 | 10.2 | <10 |
| L89N 106+00E | <5 | <1 | <1 | 0.03 | 28 | 31 | 0.53 | 556 | 1.9 | 0.01 | 15.9 | 846 | 8.9 | <10 |
| L89N 106+50E | <5 | <1 | <1 | 0.03 | 17 | 11 | 0.20 | 153 | 1.2 | <0.01 | 8.2 | 872 | 6.3 | <10 |
| L89N 107+00E | <5 | <1 | <1 | 0.02 | 15 | 21 | 0.36 | 265 | <0.5 | 0.01 | 12.5 | 507 | 9.4 | <10 |
| L89N 107+50E | <5 | <1 | <1 | 0.05 | 177 | 58 | 0.82 | 674 | 0.9 | <0.01 | 66.1 | 409 | 28.4 | 13 |
| L89N 108+00E | <5 | <1 | <1 | 0.06 | 144 | 61 | 0.84 | 528 | <0.5 | <0.01 | 67.9 | 453 | 26.4 | 13 |
| L89N 108+50E | <5 | <1 | <1 | 0.04 | 45 | 65 | 1.01 | 640 | 0.6 | <0.01 | 47.0 | 415 | 14.4 | <10 |
| L89N 109+00E | <5 | <1 | <1 | 0.03 | 43 | 61 | 0.97 | 622 | 0.7 | <0.01 | 41.2 | 383 | 13.5 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L90N 85+00E | <5 | <1 | <1 | 0.02 | 22 | 67 | 1.69 | 1670 | <0.5 | 0.01 | 75.3 | 1210 | 6.0 | <10 |
| L90N 85+50E | <5 | <1 | <1 | 0.05 | 31 | 76 | 1.85 | 3200 | <0.5 | <0.01 | 90.9 | 1040 | 9.8 | 12 |
| L90N 86+00E | <5 | <1 | <1 | 0.04 | 17 | 19 | 0.29 | 395 | 0.8 | <0.01 | 9.8 | 211 | 11.9 | <10 |
| L90N 86+50E | <5 | <1 | <1 | 0.05 | 37 | 65 | 1.21 | 817 | 0.7 | <0.01 | 40.4 | 373 | 21.9 | <10 |
| L90N 87+00E | <5 | <1 | <1 | 0.03 | 26 | 49 | 0.85 | 1220 | 0.6 | 0.01 | 30.1 | 595 | 16.4 | <10 |
| L90N 87+50E | <5 | <1 | <1 | 0.03 | 33 | 81 | 1.44 | 2100 | 0.9 | <0.01 | 49.1 | 539 | 30.6 | <10 |
| L90N 88+00E | <5 | <1 | <1 | 0.04 | 59 | 56 | 0.91 | 2970 | 1.8 | <0.01 | 35.8 | 795 | 30.9 | <10 |
| L90N 88+50E | <5 | <1 | <1 | 0.04 | 42 | 82 | 1.31 | 2650 | 1.1 | <0.01 | 47.9 | 427 | 55.8 | <10 |
| L90N 89+00E | <5 | <1 | <1 | 0.02 | 2 | 4 | 0.08 | 61 | <0.5 | 0.03 | 3.1 | 207 | 2.7 | <10 |
| L90N 89+50E | <5 | <1 | <1 | 0.04 | 27 | 58 | 0.99 | 847 | 0.6 | <0.01 | 36.0 | 485 | 26.1 | <10 |
| L90N 90+00E | <5 | <1 | <1 | 0.04 | 29 | 42 | 0.75 | 800 | 0.6 | <0.01 | 24.5 | 702 | 15.3 | <10 |
| L90N 90+50E | <5 | <1 | <1 | 0.02 | 12 | 23 | 0.43 | 247 | 0.7 | 0.02 | 12.7 | 506 | 13.7 | <10 |
| L90N 91+00E | <5 | <1 | <1 | 0.03 | 37 | 55 | 0.96 | 842 | 0.6 | <0.01 | 35.6 | 284 | 20.6 | <10 |
| L90N 91+50E | <5 | <1 | <1 | 0.02 | 8 | 22 | 0.41 | 236 | 1.0 | 0.02 | 12.3 | 444 | 7.4 | <10 |
| L90N 92+00E | <5 | <1 | <1 | 0.03 | 26 | 63 | 1.18 | 690 | 0.6 | <0.01 | 35.8 | 537 | 13.2 | <10 |
| L90N 92+50E | <5 | <1 | <1 | 0.02 | 42 | 75 | 1.29 | 812 | <0.5 | <0.01 | 51.1 | 521 | 19.3 | <10 |
| L90N 93+00E | <5 | <1 | <1 | 0.02 | 36 | 66 | 1.13 | 804 | <0.5 | <0.01 | 39.4 | 521 | 21.5 | <10 |
| L90N 93+50E | <5 | <1 | <1 | 0.03 | 50 | 71 | 1.20 | 2260 | 1.2 | <0.01 | 83.3 | 854 | 56.7 | <10 |
| L90N 94+00E | <5 | <1 | <1 | 0.03 | 41 | 63 | 1.08 | 825 | 0.7 | <0.01 | 40.9 | 536 | 18.8 | <10 |
| L90N 94+50E | <5 | <1 | <1 | 0.03 | 19 | 23 | 0.41 | 347 | 0.5 | 0.01 | 15.8 | 937 | 11.0 | <10 |
| L90N 95+00E | 5 | <1 | <1 | 0.03 | 55 | 65 | 1.06 | 928 | 0.7 | <0.01 | 59.3 | 721 | 27.9 | <10 |
| L90N 95+50E | <5 | <1 | <1 | 0.03 | 39 | 41 | 0.73 | 516 | 0.6 | 0.01 | 29.0 | 556 | 14.7 | <10 |
| L90N 96+00E | 5 | <1 | <1 | 0.04 | 23 | 23 | 0.43 | 391 | 1.7 | 0.01 | 17.0 | 910 | 11.5 | 13 |
| L90N 96+50E | <5 | <1 | <1 | 0.02 | 48 | 73 | 1.21 | 864 | 0.7 | <0.01 | 41.2 | 662 | 16.1 | <10 |
| L90N 97+00E | <5 | <1 | <1 | 0.03 | 22 | 29 | 0.51 | 582 | 1.0 | 0.01 | 19.5 | 658 | 17.1 | <10 |
| L90N 97+50E | <5 | <1 | <1 | 0.03 | 26 | 42 | 0.75 | 716 | 1.4 | <0.01 | 25.3 | 830 | 12.9 | <10 |
| L90N 98+00E | <5 | <1 | <1 | 0.02 | 49 | 70 | 1.24 | 702 | 1.0 | <0.01 | 37.8 | 535 | 24.3 | <10 |
| L90N 98+50E | <5 | <1 | <1 | 0.02 | 17 | 28 | 0.50 | 288 | 1.1 | 0.01 | 16.3 | 648 | 13.9 | <10 |
| L90N 99+00E | <5 | <1 | <1 | 0.03 | 29 | 55 | 1.06 | 662 | <0.5 | <0.01 | 31.8 | 737 | 21.7 | <10 |
| L90N 99+50E | <5 | <1 | <1 | 0.03 | 26 | 45 | 0.83 | 379 | 0.7 | 0.01 | 27.5 | 530 | 17.8 | <10 |
| L90N 100+00E | <5 | <1 | <1 | 0.02 | 14 | 34 | 0.64 | 355 | 0.8 | 0.01 | 20.8 | 543 | 9.5 | <10 |
| L91N 85+00E | <5 | <1 | <1 | 0.03 | 39 | 58 | 1.10 | 486 | 0.7 | <0.01 | 33.7 | 304 | 8.7 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L91N 85+50E | 8 | <1 | <1 | 0.02 | 40 | 130 | 3.02 | 990 | <0.5 | <0.01 | 113 | 921 | 7.2 | <10 |
| L91N 86+00E | <5 | <1 | <1 | 0.04 | 19 | 20 | 0.39 | 2530 | 1.2 | <0.01 | 15.3 | 938 | 16.3 | <10 |
| L91N 86+50E | <5 | <1 | <1 | 0.03 | 23 | 22 | 0.40 | 1080 | 0.6 | 0.02 | 20.3 | 628 | 15.6 | <10 |
| L91N 87+00E | <5 | <1 | <1 | 0.02 | 12 | 7 | 0.14 | 436 | 0.5 | 0.02 | 5.9 | 513 | 8.7 | <10 |
| L91N 87+50E | <5 | <1 | <1 | 0.04 | 35 | 69 | 1.05 | 766 | 0.7 | <0.01 | 34.8 | 280 | 23.7 | <10 |
| L91N 88+00E | <5 | <1 | <1 | 0.03 | 37 | 81 | 1.33 | 1110 | <0.5 | <0.01 | 43.8 | 473 | 38.2 | <10 |
| L91N 88+50E | <5 | <1 | <1 | 0.03 | 44 | 49 | 0.84 | 1080 | 2.1 | <0.01 | 31.7 | 575 | 19.3 | <10 |
| L91N 89+00E | <5 | <1 | <1 | 0.02 | 29 | 43 | 0.71 | 1190 | 1.5 | <0.01 | 27.3 | 510 | 23.3 | <10 |
| L91N 89+50E | <5 | <1 | <1 | 0.02 | 25 | 42 | 0.68 | 830 | 0.7 | <0.01 | 26.8 | 523 | 21.3 | <10 |
| L91N 90+00E | <5 | <1 | <1 | 0.02 | 26 | 21 | 0.34 | 693 | 0.8 | <0.01 | 26.9 | 454 | 24.7 | <10 |
| L91N 90+50E | <5 | <1 | <1 | 0.02 | 21 | 18 | 0.31 | 903 | 0.9 | <0.01 | 20.1 | 547 | 23.5 | <10 |
| L91N 91+00E | <5 | <1 | <1 | 0.03 | 23 | 8 | 0.16 | 126 | 1.5 | <0.01 | 10.5 | 502 | 9.3 | <10 |
| L91N 91+50E | <5 | <1 | <1 | 0.02 | 17 | 25 | 0.46 | 301 | 1.1 | 0.01 | 13.0 | 496 | 14.1 | <10 |
| L91N 92+00E | <5 | <1 | <1 | 0.03 | 11 | 45 | 0.85 | 584 | 1.1 | <0.01 | 20.6 | 901 | 17.7 | <10 |
| L91N 92+50E | <5 | <1 | <1 | 0.02 | 27 | 65 | 1.10 | 466 | 1.1 | <0.01 | 33.5 | 597 | 33.8 | <10 |
| L91N 93+00E | <5 | <1 | <1 | 0.02 | 9 | 34 | 0.59 | 264 | <0.5 | 0.02 | 16.9 | 447 | 5.5 | <10 |
| L91N 93+50E | <5 | <1 | <1 | 0.03 | 23 | 34 | 0.57 | 553 | 0.8 | 0.01 | 36.2 | 588 | 14.8 | <10 |
| L91N 94+00E | <5 | <1 | <1 | 0.02 | 38 | 69 | 1.15 | 661 | 1.1 | <0.01 | 43.2 | 482 | 18.9 | <10 |
| L91N 94+50E | <5 | <1 | <1 | 0.04 | 26 | 43 | 0.75 | 537 | 1.3 | <0.01 | 29.1 | 788 | 15.1 | 12 |
| L91N 95+00E | <5 | <1 | <1 | 0.03 | 32 | 67 | 1.13 | 605 | 0.8 | <0.01 | 41.6 | 437 | 25.3 | <10 |
| L91N 95+50E | <5 | <1 | <1 | 0.03 | 33 | 59 | 1.01 | 576 | 1.6 | <0.01 | 32.8 | 733 | 30.1 | 10 |
| L91N 96+00E | <5 | <1 | <1 | 0.02 | 14 | 14 | 0.25 | 175 | 0.7 | 0.01 | 10.7 | 1020 | 10.0 | <10 |
| L91N 96+50E | <5 | <1 | <1 | 0.02 | 6 | 8 | 0.16 | 93 | <0.5 | 0.03 | 4.8 | 361 | 3.8 | <10 |
| L91N 97+00E | <5 | <1 | <1 | 0.03 | 18 | 39 | 0.68 | 383 | 1.9 | <0.01 | 21.4 | 901 | 14.4 | <10 |
| L91N 97+50E | <5 | <1 | <1 | 0.02 | 27 | 61 | 1.11 | 520 | 0.9 | <0.01 | 28.8 | 532 | 46.8 | <10 |
| L91N 98+00E | <5 | <1 | <1 | 0.02 | 41 | 76 | 1.28 | 640 | 0.8 | <0.01 | 39.0 | 325 | 27.0 | <10 |
| L91N 98+50E | <5 | <1 | <1 | 0.02 | 23 | 58 | 1.05 | 526 | 1.0 | <0.01 | 32.5 | 398 | 8.6 | <10 |
| L91N 99+00E | <5 | <1 | <1 | 0.02 | 10 | 22 | 0.39 | 203 | 1.0 | 0.02 | 11.9 | 630 | 11.2 | <10 |
| L91N 99+50E | <5 | <1 | <1 | 0.03 | 39 | 78 | 1.30 | 778 | 1.4 | <0.01 | 38.4 | 467 | 26.8 | <10 |
| L91N 100+00E | <5 | <1 | <1 | 0.03 | 21 | 28 | 0.50 | 783 | 1.3 | <0.01 | 33.6 | 553 | 16.7 | <10 |
| L91N 100+50E | <5 | <1 | <1 | 0.02 | 28 | 66 | 1.11 | 1630 | 0.9 | <0.01 | 39.7 | 447 | 26.4 | <10 |
| L91N 101+00E | <5 | <1 | <1 | 0.03 | 28 | 55 | 0.96 | 639 | 1.3 | <0.01 | 29.7 | 556 | 17.7 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L91N 101+50E | <5 | <1 | <1 | 0.04 | 17 | 50 | 0.85 | 809 | 0.9 | <0.01 | 30.1 | 465 | 13.7 | 10 |
| L91N 102+00E | <5 | <1 | <1 | 0.02 | 26 | 71 | 1.15 | 804 | <0.5 | <0.01 | 35.4 | 351 | 13.4 | <10 |
| L91N 102+50E | <5 | <1 | <1 | 0.02 | 15 | 33 | 0.58 | 829 | 1.0 | <0.01 | 18.7 | 715 | 10.1 | <10 |
| L91N 103+00E | <5 | <1 | <1 | 0.03 | 19 | 28 | 0.53 | 1080 | 1.0 | <0.01 | 18.2 | 866 | 12.3 | <10 |
| L91N 103+50E | <5 | <1 | <1 | 0.02 | 19 | 36 | 0.64 | 662 | 0.8 | <0.01 | 22.3 | 1340 | 12.1 | <10 |
| L91N 104+00E | <5 | <1 | <1 | 0.03 | 21 | 36 | 0.65 | 999 | 1.2 | <0.01 | 21.0 | 1160 | 10.7 | <10 |
| L91N 104+50E | <5 | <1 | <1 | 0.03 | 20 | 29 | 0.53 | 449 | 0.8 | <0.01 | 18.7 | 1090 | 11.2 | <10 |
| L91N 105+00E | <5 | <1 | <1 | 0.02 | 21 | 25 | 0.45 | 566 | 1.6 | <0.01 | 16.2 | 971 | 11.0 | <10 |
| L91N 105+50E | <5 | <1 | <1 | 0.02 | 17 | 37 | 0.57 | 726 | 1.7 | 0.01 | 20.5 | 712 | 10.8 | <10 |
| L91N 106+00E | <5 | <1 | <1 | 0.02 | 25 | 52 | 0.87 | 466 | 0.9 | <0.01 | 25.8 | 578 | 8.0 | <10 |
| L91N 106+50E | <5 | <1 | <1 | 0.02 | 21 | 33 | 0.57 | 293 | <0.5 | <0.01 | 18.2 | 592 | 7.1 | <10 |
| L91N 107+00E | <5 | <1 | <1 | 0.03 | 27 | 57 | 0.91 | 555 | 0.7 | <0.01 | 32.0 | 466 | 19.8 | <10 |
| L91N 107+50E | <5 | <1 | <1 | 0.02 | 25 | 56 | 0.95 | 491 | 0.8 | <0.01 | 30.1 | 427 | 10.3 | <10 |
| L91N 108+00E | <5 | <1 | <1 | 0.02 | 30 | 65 | 1.05 | 825 | 0.6 | <0.01 | 35.7 | 474 | 17.2 | <10 |
| L91N 108+50E | <5 | <1 | <1 | 0.03 | 56 | 28 | 0.41 | 576 | 0.7 | 0.02 | 20.0 | 644 | 13.3 | <10 |
| L91N 109+00E | <5 | <1 | <1 | 0.02 | 37 | 60 | 0.99 | 714 | 0.5 | <0.01 | 32.7 | 382 | 15.5 | <10 |
| L92N 85+00E | <5 | <1 | <1 | 0.04 | 20 | 70 | 1.27 | 754 | 0.9 | <0.01 | 40.5 | 328 | 17.9 | <10 |
| L92N 85+50E | <5 | <1 | <1 | 0.03 | 50 | 77 | 1.33 | 976 | 0.9 | <0.01 | 39.8 | 290 | 17.5 | <10 |
| L92N 86+00E | <5 | <1 | <1 | 0.03 | 67 | 57 | 1.11 | 1040 | 3.5 | <0.01 | 57.3 | 454 | 49.7 | <10 |
| L92N 86+50E | <5 | <1 | <1 | 0.03 | 19 | 25 | 0.49 | 1220 | 0.9 | 0.02 | 16.6 | 544 | 10.1 | <10 |
| L92N 87+00E | <5 | <1 | <1 | 0.03 | 45 | 58 | 1.00 | 1100 | 2.5 | <0.01 | 44.4 | 918 | 27.7 | <10 |
| L92N 87+50E | <5 | <1 | <1 | 0.02 | 27 | 78 | 1.32 | 840 | 0.6 | <0.01 | 44.9 | 322 | 20.1 | <10 |
| L92N 88+00E | <5 | <1 | <1 | 0.03 | 50 | 7 | 0.14 | 223 | 1.8 | <0.01 | 25.7 | 424 | 21.1 | <10 |
| L92N 88+50E | <5 | <1 | <1 | 0.03 | 53 | 73 | 1.48 | 1750 | <0.5 | <0.01 | 48.8 | 445 | 17.2 | <10 |
| L92N 89+00E | <5 | <1 | <1 | 0.02 | 54 | 68 | 1.32 | 1450 | 1.3 | <0.01 | 45.4 | 487 | 29.3 | <10 |
| L92N 89+50E | <5 | <1 | <1 | 0.03 | 37 | 31 | 0.55 | 2220 | 1.2 | <0.01 | 22.0 | 675 | 33.0 | <10 |
| L92N 90+00E | <5 | <1 | <1 | 0.02 | 36 | 62 | 0.97 | 1990 | 1.0 | <0.01 | 55.5 | 582 | 32.8 | <10 |
| L92N 90+50E | <5 | <1 | <1 | 0.02 | 39 | 38 | 0.63 | 1330 | 0.8 | <0.01 | 65.4 | 302 | 31.8 | <10 |
| L92N 91+00E | <5 | <1 | <1 | 0.04 | 23 | 29 | 0.54 | 1550 | 0.7 | <0.01 | 24.6 | 936 | 25.0 | 10 |
| L92N 91+50E | <5 | <1 | <1 | 0.03 | 40 | 60 | 0.99 | 1190 | 0.9 | <0.01 | 40.5 | 913 | 29.0 | 10 |
| L92N 92+00E | <5 | <1 | <1 | 0.03 | 27 | 48 | 0.84 | 914 | 0.9 | <0.01 | 27.8 | 835 | 19.4 | <10 |
| L92N 92+50E | <5 | <1 | <1 | 0.03 | 34 | 62 | 1.16 | 946 | 0.6 | <0.01 | 34.5 | 810 | 31.7 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L92N 93+00E | 6 | <1 | <1 | 0.03 | 18 | 40 | 0.78 | 522 | <0.5 | <0.01 | 23.2 | 1230 | 18.3 | 10 |
| L92N 93+50E | <5 | <1 | <1 | 0.03 | 26 | 51 | 0.95 | 615 | 0.7 | <0.01 | 29.1 | 646 | 14.6 | <10 |
| L92N 94+00E | 5 | <1 | <1 | 0.02 | 31 | 64 | 1.13 | 566 | 1.1 | <0.01 | 31.4 | 416 | 16.3 | <10 |
| L92N 94+50E | <5 | <1 | <1 | 0.02 | 40 | 67 | 1.18 | 658 | 0.6 | <0.01 | 36.6 | 511 | 18.2 | <10 |
| L92N 95+00E | 5 | <1 | <1 | 0.02 | 45 | 72 | 1.31 | 699 | <0.5 | <0.01 | 41.3 | 280 | 11.3 | <10 |
| L92N 95+50E | <5 | <1 | <1 | 0.02 | 31 | 55 | 1.08 | 557 | 0.8 | <0.01 | 36.6 | 529 | 11.0 | <10 |
| L92N 96+00E | <5 | <1 | <1 | 0.03 | 23 | 46 | 0.90 | 500 | 0.9 | <0.01 | 27.7 | 829 | 16.2 | <10 |
| L92N 96+50E | <5 | <1 | <1 | 0.02 | 56 | 67 | 1.24 | 730 | 1.1 | <0.01 | 41.5 | 490 | 15.7 | <10 |
| L92N 97+00E | <5 | <1 | <1 | 0.02 | 18 | 38 | 0.72 | 451 | 2.2 | <0.01 | 23.5 | 929 | 96.7 | <10 |
| L92N 97+50E | <5 | <1 | <1 | 0.02 | 30 | 56 | 1.01 | 548 | <0.5 | <0.01 | 29.2 | 521 | 12.1 | <10 |
| L92N 98+00E | 5 | <1 | <1 | 0.02 | 38 | 71 | 1.24 | 645 | <0.5 | <0.01 | 41.6 | 538 | 55.5 | <10 |
| L92N 98+50E | <5 | <1 | <1 | 0.03 | 25 | 54 | 0.96 | 474 | 1.4 | <0.01 | 29.5 | 534 | 24.8 | <10 |
| L92N 99+00E | <5 | <1 | <1 | 0.03 | 35 | 41 | 0.70 | 1080 | 1.1 | <0.01 | 37.9 | 681 | 36.9 | <10 |
| L92N 99+50E | <5 | <1 | <1 | 0.03 | 16 | 45 | 0.80 | 1150 | 0.5 | <0.01 | 27.1 | 824 | 9.1 | <10 |
| L92N 100+00E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L93N 85+00E | <5 | <1 | <1 | 0.02 | 40 | 65 | 1.06 | 592 | 1.1 | <0.01 | 37.3 | 440 | 30.2 | <10 |
| L93N 85+50E | <5 | <1 | <1 | 0.02 | 46 | 60 | 1.28 | 2350 | 0.7 | <0.01 | 40.0 | 632 | 23.3 | <10 |
| L93N 86+00E | <5 | <1 | <1 | 0.02 | 9 | 3 | 0.06 | 163 | <0.5 | 0.02 | 3.6 | 493 | 7.8 | <10 |
| L93N 86+50E | <5 | <1 | <1 | 0.02 | 89 | 82 | 1.22 | 1040 | 0.9 | <0.01 | 88.4 | 694 | 79.2 | <10 |
| L93N 87+00E | <5 | <1 | <1 | 0.02 | 66 | 79 | 1.31 | 1860 | 0.6 | <0.01 | 53.5 | 493 | 29.8 | <10 |
| L93N 87+50E | <5 | <1 | <1 | 0.03 | 66 | 68 | 1.08 | 1800 | <0.5 | <0.01 | 50.1 | 381 | 74.3 | <10 |
| L93N 88+00E | <5 | <1 | <1 | 0.03 | 43 | 33 | 0.57 | 1910 | <0.5 | 0.01 | 36.2 | 536 | 37.4 | <10 |
| L93N 88+50E | <5 | <1 | <1 | 0.04 | 44 | 60 | 1.19 | 2750 | <0.5 | <0.01 | 37.4 | 752 | 47.6 | <10 |
| L93N 89+00E | <5 | <1 | <1 | 0.03 | 47 | 77 | 1.72 | 1500 | 1.4 | <0.01 | 54.4 | 453 | 23.2 | <10 |
| L93N 89+50E | <5 | <1 | <1 | 0.03 | 28 | 64 | 1.26 | 1180 | <0.5 | <0.01 | 39.6 | 681 | 13.8 | <10 |
| L93N 90+00E | <5 | <1 | <1 | 0.02 | 18 | 29 | 0.53 | 457 | 0.8 | 0.01 | 18.0 | 515 | 13.5 | <10 |
| L93N 90+50E | <5 | <1 | <1 | 0.03 | 28 | 48 | 0.80 | 717 | 0.8 | <0.01 | 28.3 | 439 | 15.6 | <10 |
| L93N 91+00E | <5 | <1 | <1 | 0.03 | 33 | 51 | 0.84 | 534 | 1.5 | <0.01 | 27.2 | 459 | 15.7 | <10 |
| L93N 91+50E | <5 | <1 | <1 | 0.03 | 45 | 79 | 1.22 | 1070 | 1.0 | <0.01 | 43.4 | 634 | 20.4 | <10 |
| L93N 92+00E | <5 | <1 | <1 | 0.02 | 59 | 63 | 0.92 | 946 | 1.2 | <0.01 | 47.2 | 656 | 24.8 | <10 |
| L93N 92+50E | <5 | <1 | <1 | 0.04 | 45 | 60 | 0.92 | 773 | 1.0 | <0.01 | 40.3 | 626 | 20.4 | <10 |
| L93N 93+00E | <5 | <1 | <1 | 0.03 | 44 | 69 | 1.09 | 846 | <0.5 | <0.01 | 33.9 | 459 | 14.7 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

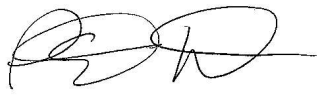
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L93N 93+50E | <5 | <1 | <1 | 0.04 | 47 | 73 | 1.15 | 1120 | <0.5 | <0.01 | 36.7 | 457 | 19.9 | <10 |
| L93N 94+00E | <5 | <1 | <1 | 0.03 | 39 | 69 | 1.13 | 685 | 0.9 | <0.01 | 35.1 | 462 | 14.2 | <10 |
| L93N 94+50E | 5 | <1 | <1 | 0.03 | 37 | 68 | 1.08 | 677 | 0.7 | <0.01 | 36.0 | 475 | 17.1 | <10 |
| L93N 95+00E | <5 | <1 | <1 | 0.02 | 49 | 80 | 1.21 | 890 | 0.8 | <0.01 | 43.0 | 585 | 18.3 | <10 |
| L93N 95+50E | <5 | <1 | <1 | 0.04 | 30 | 53 | 0.92 | 559 | 1.6 | <0.01 | 26.7 | 709 | 17.7 | 12 |
| L93N 96+00E | <5 | <1 | <1 | 0.04 | 34 | 64 | 1.10 | 643 | 1.0 | <0.01 | 33.8 | 537 | 14.6 | <10 |
| L93N 96+50E | <5 | <1 | <1 | 0.03 | 37 | 47 | 0.70 | 591 | 1.0 | 0.02 | 22.7 | 442 | 15.9 | <10 |
| L93N 97+00E | <5 | <1 | <1 | 0.03 | 22 | 41 | 0.68 | 477 | 1.3 | 0.01 | 20.9 | 769 | 13.0 | <10 |
| L93N 97+50E | <5 | <1 | <1 | 0.03 | 37 | 63 | 1.01 | 603 | 1.8 | 0.01 | 29.9 | 477 | 28.8 | <10 |
| L93N 98+00E | <5 | <1 | <1 | 0.03 | 54 | 53 | 0.82 | 775 | 1.1 | 0.01 | 48.4 | 579 | 30.7 | <10 |
| L93N 98+50E | <5 | <1 | <1 | 0.03 | 52 | 61 | 0.93 | 704 | 1.5 | 0.01 | 30.0 | 618 | 45.7 | <10 |
| L93N 99+00E | <5 | <1 | <1 | 0.03 | 30 | 52 | 0.79 | 1200 | 0.6 | 0.02 | 26.2 | 392 | 12.4 | <10 |
| L93N 99+50E | 5 | <1 | <1 | 0.04 | 41 | 84 | 1.26 | 1780 | <0.5 | <0.01 | 41.9 | 568 | 21.1 | <10 |
| L93N 100+00E | <5 | <1 | <1 | 0.03 | 33 | 63 | 0.96 | 1030 | 1.2 | <0.01 | 32.7 | 688 | 18.3 | <10 |
| L94N 85+00E | <5 | <1 | <1 | 0.03 | 23 | 39 | 0.60 | 559 | <0.5 | 0.01 | 18.3 | 437 | 15.1 | <10 |
| L94N 85+50E | <5 | <1 | <1 | 0.04 | 74 | 63 | 0.90 | 1100 | 0.8 | <0.01 | 40.8 | 527 | 31.2 | <10 |
| L94N 86+00E | <5 | <1 | <1 | 0.03 | 79 | 80 | 1.21 | 1210 | 0.9 | <0.01 | 55.2 | 404 | 19.0 | <10 |
| L94N 86+50E | <5 | <1 | <1 | 0.03 | 17 | 28 | 0.44 | 592 | 1.0 | <0.01 | 16.4 | 649 | 18.3 | <10 |
| L94N 87+00E | <5 | <1 | <1 | 0.03 | 36 | 49 | 0.80 | 991 | 0.6 | <0.01 | 26.1 | 615 | 18.1 | <10 |
| L94N 87+50E | <5 | <1 | <1 | 0.03 | 64 | 65 | 0.97 | 648 | 0.7 | <0.01 | 32.1 | 451 | 16.0 | <10 |
| L94N 88+00E | <5 | <1 | <1 | 0.04 | 55 | 58 | 0.91 | 889 | 1.1 | <0.01 | 34.4 | 741 | 22.0 | 10 |
| L94N 88+50E | <5 | <1 | <1 | 0.03 | 68 | 53 | 0.81 | 4200 | 1.4 | <0.01 | 49.8 | 935 | 61.1 | <10 |
| L94N 89+00E | <5 | <1 | <1 | 0.06 | 36 | 69 | 0.99 | 1310 | 1.0 | <0.01 | 44.5 | 532 | 28.0 | 11 |
| L94N 89+50E | <5 | <1 | <1 | 0.03 | 28 | 32 | 0.48 | 367 | 1.5 | <0.01 | 17.1 | 484 | 14.8 | <10 |
| L94N 90+00E | <5 | <1 | <1 | 0.05 | 35 | 59 | 0.92 | 877 | 1.4 | 0.01 | 30.3 | 737 | 20.5 | 12 |
| L94N 90+50E | <5 | <1 | <1 | 0.04 | 43 | 64 | 0.96 | 834 | 0.8 | <0.01 | 51.7 | 496 | 21.1 | 10 |
| L94N 91+00E | <5 | <1 | <1 | 0.04 | 29 | 53 | 0.82 | 868 | 1.6 | <0.01 | 28.0 | 849 | 18.8 | 11 |
| L94N 91+50E | <5 | <1 | <1 | 0.05 | 44 | 85 | 1.28 | 1250 | 0.8 | <0.01 | 46.3 | 606 | 17.4 | <10 |
| L94N 92+00E | 5 | <1 | <1 | 0.04 | 63 | 83 | 1.21 | 1070 | 0.9 | <0.01 | 57.7 | 542 | 25.9 | <10 |
| L94N 92+50E | <5 | <1 | <1 | 0.02 | 39 | 71 | 1.10 | 850 | <0.5 | <0.01 | 39.9 | 601 | 21.2 | <10 |
| L94N 93+00E | <5 | <1 | <1 | 0.03 | 44 | 77 | 1.16 | 910 | 0.5 | <0.01 | 41.8 | 465 | 18.2 | <10 |
| L94N 93+50E | <5 | <1 | <1 | 0.03 | 51 | 80 | 1.21 | 994 | 0.8 | <0.01 | 40.7 | 428 | 18.2 | <10 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L94N 94+00E | <5 | <1 | <1 | 0.03 | 35 | 62 | 0.93 | 673 | 0.8 | <0.01 | 30.8 | 504 | 13.7 | <10 |
| L94N 94+50E | <5 | <1 | <1 | 0.04 | 57 | 77 | 1.20 | 1270 | 0.7 | <0.01 | 41.3 | 442 | 23.7 | <10 |
| L94N 95+00E | <5 | <1 | <1 | 0.03 | 31 | 52 | 0.84 | 723 | 0.7 | <0.01 | 26.6 | 478 | 15.5 | <10 |
| L94N 95+50E | <5 | <1 | <1 | 0.03 | 29 | 51 | 0.81 | 877 | 1.1 | <0.01 | 25.0 | 790 | 19.5 | <10 |
| L94N 96+00E | <5 | <1 | <1 | 0.03 | 32 | 62 | 0.97 | 783 | 1.3 | <0.01 | 30.3 | 627 | 16.0 | <10 |
| L94N 96+50E | <5 | <1 | <1 | 0.02 | 84 | 73 | 1.12 | 2320 | 1.4 | <0.01 | 44.9 | 495 | 78.1 | <10 |
| L94N 97+00E | <5 | <1 | <1 | 0.02 | 53 | 69 | 1.05 | 978 | 0.7 | <0.01 | 39.9 | 467 | 17.2 | <10 |
| L94N 97+50E | <5 | <1 | <1 | 0.02 | 62 | 43 | 0.76 | 1820 | 1.3 | <0.01 | 35.3 | 478 | 63.7 | <10 |
| L94N 98+00E | <5 | <1 | <1 | 0.03 | 31 | 41 | 0.65 | 1390 | 1.1 | 0.01 | 31.0 | 638 | 21.6 | <10 |
| L94N 98+50E | <5 | <1 | <1 | 0.03 | 84 | 69 | 1.15 | 1340 | 0.5 | <0.01 | 47.5 | 617 | 50.7 | <10 |
| L94N 99+00E | <5 | <1 | <1 | 0.02 | 44 | 85 | 1.38 | 1760 | <0.5 | <0.01 | 51.6 | 451 | 22.3 | <10 |
| L94N 99+50E | 5 | <1 | <1 | 0.05 | 35 | 60 | 1.02 | 1430 | 0.9 | <0.01 | 35.0 | 559 | 17.8 | 15 |
| L94N 100+00E | <5 | <1 | <1 | 0.03 | 37 | 67 | 1.14 | 1040 | <0.5 | <0.01 | 35.2 | 504 | 18.1 | <10 |
| J103L15205 0+00SW | <5 | <1 | <1 | 0.01 | 52 | 46 | 0.70 | 704 | 0.7 | <0.01 | 37.9 | 431 | 30.2 | <10 |
| J103L15205 1+00SW | 5 | <1 | <1 | 0.03 | 118 | 66 | 1.06 | 791 | 1.5 | <0.01 | 58.4 | 557 | 23.6 | 10 |
| J103L15205 2+00SW | <5 | <1 | <1 | 0.03 | 81 | 69 | 1.08 | 1990 | 0.6 | <0.01 | 64.7 | 405 | 47.5 | <10 |
| J103L15205 3+00SW | <5 | <1 | <1 | 0.03 | 49 | 48 | 0.79 | 395 | 0.8 | <0.01 | 66.7 | 430 | 15.0 | <10 |
| J103L15205 4+00SW | <5 | <1 | <1 | 0.04 | 36 | 37 | 0.56 | 761 | 0.5 | 0.02 | 25.7 | 546 | 21.5 | <10 |
| J103L15205 5+00SW | <5 | <1 | <1 | 0.03 | 73 | 76 | 1.07 | 1250 | 0.7 | <0.01 | 55.5 | 488 | 69.9 | <10 |
| J103L15205 6+00SW | 5 | <1 | <1 | 0.04 | 47 | 73 | 1.06 | 679 | 0.6 | <0.01 | 38.5 | 389 | 20.1 | 11 |
| J103L15205 7+00SW | 5 | <1 | <1 | 0.05 | 37 | 22 | 0.43 | 259 | 1.2 | <0.01 | 14.2 | 361 | 12.1 | 20 |
| J103L15205 8+00SW | <5 | <1 | <1 | 0.03 | 68 | 50 | 0.87 | 597 | 0.7 | <0.01 | 39.9 | 455 | 40.3 | <10 |
| J103L15205 9+00SW | <5 | <1 | <1 | 0.03 | 21 | 14 | 0.11 | 2010 | 0.7 | <0.01 | 20.8 | 299 | 17.3 | <10 |
| J103L15205 10+00SW | <5 | <1 | <1 | 0.05 | 42 | 63 | 1.02 | 651 | 1.7 | <0.01 | 58.3 | 351 | 27.4 | 13 |
| J103L15205 11+00SW | <5 | <1 | <1 | 0.04 | 29 | 17 | 0.33 | 349 | <0.5 | <0.01 | 8.7 | 282 | 8.7 | <10 |
| J103L15205 12+00SW | <5 | <1 | <1 | 0.06 | 39 | 47 | 0.91 | 1340 | 2.0 | <0.01 | 32.4 | 516 | 16.0 | 13 |
| J103L15205 13+00SW | 6 | <1 | <1 | 0.03 | 42 | 25 | 0.51 | 292 | 1.6 | <0.01 | 15.8 | 221 | 7.4 | <10 |
| J103L15205 14+00SW | <5 | <1 | <1 | 0.05 | 33 | 49 | 0.67 | 424 | 0.6 | <0.01 | 20.0 | 251 | 17.9 | 12 |
| J103L15205 15+00SW | <5 | <1 | <1 | 0.01 | 32 | 7 | 0.12 | 324 | 0.6 | <0.01 | 8.6 | 175 | 23.3 | <10 |
| J103L15205 16+00SW | <5 | <1 | <1 | 0.03 | 28 | 9 | 0.18 | 628 | 0.9 | <0.01 | 12.1 | 911 | 24.1 | <10 |
| J103L15205 17+00SW | <5 | <1 | <1 | 0.03 | 46 | 56 | 0.94 | 687 | 1.9 | <0.01 | 16.3 | 822 | 58.8 | <10 |
| J103L15205 18+00SW | 6 | <1 | <1 | 0.03 | 51 | 77 | 1.25 | 723 | 0.5 | <0.01 | 44.3 | 359 | 13.2 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

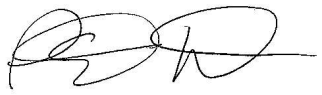
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| J103L15205 19+00SW | 6 | <1 | <1 | 0.04 | 48 | 76 | 1.21 | 745 | <0.5 | <0.01 | 41.4 | 440 | 12.6 | <10 |
| J103L15205 20+00SW | 6 | <1 | <1 | 0.04 | 53 | 68 | 1.04 | 1370 | 1.6 | <0.01 | 45.9 | 878 | 24.8 | 11 |
| E5285560 | <5 | <1 | <1 | 0.05 | 35 | 45 | 0.61 | 632 | <0.5 | <0.01 | 29.0 | 513 | 18.5 | <10 |
| E5285561 | <5 | <1 | <1 | 0.04 | 34 | 45 | 0.62 | 413 | 0.7 | <0.01 | 30.1 | 501 | 18.1 | <10 |
| E5285562 | <5 | <1 | <1 | 0.05 | 41 | 44 | 0.61 | 341 | 1.0 | <0.01 | 27.3 | 500 | 19.0 | <10 |
| E5285563 | <5 | <1 | <1 | 0.04 | 24 | 51 | 0.70 | 682 | 0.7 | 0.01 | 36.2 | 575 | 29.8 | <10 |
| E5285564 | <5 | <1 | <1 | 0.07 | 23 | 38 | 0.64 | 1040 | 1.1 | <0.01 | 34.4 | 823 | 27.3 | 11 |
| E5285565 | <5 | <1 | <1 | 0.05 | 30 | 45 | 0.59 | 618 | 0.6 | <0.01 | 30.1 | 519 | 19.4 | <10 |
| E5285566 | <5 | <1 | <1 | 0.05 | 36 | 47 | 0.62 | 629 | 0.5 | <0.01 | 29.4 | 512 | 18.7 | <10 |
| E5285567 | <5 | <1 | <1 | 0.03 | 27 | 45 | 0.61 | 536 | 0.5 | <0.01 | 27.8 | 422 | 16.9 | <10 |
| E5285568 | <5 | <1 | <1 | 0.04 | 26 | 42 | 0.69 | 1040 | 0.7 | <0.01 | 41.2 | 568 | 29.0 | <10 |
| E5285569 | <5 | <1 | <1 | 0.05 | 27 | 46 | 0.63 | 612 | 1.0 | <0.01 | 30.7 | 523 | 19.2 | <10 |
| E5285570 | <5 | <1 | <1 | 0.05 | 31 | 45 | 0.62 | 500 | 0.6 | <0.01 | 29.0 | 534 | 18.3 | <10 |
| E5285571 | <5 | <1 | <1 | 0.04 | 31 | 43 | 0.61 | 381 | 0.9 | <0.01 | 28.1 | 494 | 17.8 | <10 |
| E5285572 | <5 | <1 | <1 | 0.03 | 54 | 45 | 0.63 | 399 | <0.5 | <0.01 | 28.7 | 474 | 16.9 | <10 |
| E5285574 | <5 | <1 | <1 | 0.06 | 45 | 39 | 0.88 | 393 | 2.4 | <0.01 | 21.1 | 633 | 59.1 | 11 |
| E5285575 | <5 | <1 | <1 | 0.04 | 50 | 20 | 0.46 | 340 | 1.8 | <0.01 | 33.9 | 499 | 41.5 | <10 |
| E5285576 | <5 | <1 | <1 | 0.04 | 20 | 39 | 0.92 | 369 | 3.1 | <0.01 | 26.6 | 785 | 79.4 | <10 |
| E5285577 | <5 | <1 | <1 | 0.03 | 38 | 45 | 0.81 | 434 | 1.4 | <0.01 | 20.7 | 393 | 30.3 | <10 |
| E5285578 | <5 | <1 | <1 | 0.04 | 24 | 42 | 1.05 | 453 | 3.3 | <0.01 | 14.1 | 561 | 38.4 | <10 |
| E5285579 | <5 | <1 | <1 | 0.03 | 46 | 44 | 0.77 | 543 | 1.4 | <0.01 | 41.8 | 458 | 32.3 | <10 |
| E5285580 | <5 | <1 | <1 | 0.03 | 56 | 38 | 0.65 | 401 | 0.9 | <0.01 | 22.2 | 384 | 37.0 | <10 |
| E5285581 | <5 | <1 | <1 | 0.02 | 32 | 43 | 0.76 | 496 | 0.7 | <0.01 | 30.9 | 392 | 24.2 | <10 |
| E5285582 | <5 | <1 | <1 | 0.03 | 32 | 43 | 0.79 | 535 | 1.4 | <0.01 | 31.1 | 533 | 38.3 | <10 |
| E5285583 | <5 | <1 | <1 | 0.03 | 31 | 36 | 0.69 | 324 | 1.7 | <0.01 | 14.2 | 625 | 51.7 | <10 |
| E5285584 | <5 | <1 | <1 | 0.05 | 43 | 39 | 0.59 | 346 | 1.5 | <0.01 | 37.6 | 398 | 35.6 | <10 |
| E5285585 | <5 | <1 | <1 | 0.04 | 30 | 52 | 0.90 | 580 | 1.5 | <0.01 | 17.7 | 401 | 36.0 | <10 |
| E5285586 | <5 | <1 | <1 | 0.06 | 52 | 64 | 0.92 | 731 | 1.6 | <0.01 | 18.3 | 400 | 26.7 | 15 |
| E5285587 | <5 | <1 | <1 | 0.03 | 54 | 60 | 0.79 | 594 | 1.2 | <0.01 | 39.0 | 495 | 46.6 | <10 |
| E5285588 | <5 | <1 | <1 | 0.03 | 59 | 62 | 0.84 | 650 | 1.2 | <0.01 | 35.4 | 551 | 27.1 | <10 |
| E5285589 | <5 | <1 | <1 | 0.03 | 77 | 71 | 0.93 | 596 | 0.9 | <0.01 | 34.7 | 561 | 30.1 | <10 |
| E5285590 | <5 | <1 | <1 | 0.03 | 59 | 81 | 1.13 | 1100 | 0.5 | <0.01 | 45.8 | 535 | 27.2 | <10 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285591 | <5 | <1 | <1 | 0.03 | 49 | 68 | 0.95 | 792 | 0.6 | <0.01 | 34.3 | 418 | 19.1 | <10 |
| E5285592 | <5 | <1 | <1 | 0.04 | 51 | 83 | 1.14 | 922 | 1.7 | <0.01 | 50.4 | 494 | 28.4 | <10 |
| E5286110 | <5 | <1 | <1 | 0.04 | 24 | 33 | 0.71 | 329 | 1.8 | <0.01 | 18.4 | 441 | 26.4 | <10 |
| E5286111 | <5 | <1 | <1 | 0.03 | 29 | 28 | 0.57 | 373 | 1.3 | <0.01 | 21.8 | 383 | 24.8 | <10 |
| E5286112 | <5 | <1 | <1 | 0.03 | 25 | 25 | 0.56 | 294 | 2.0 | <0.01 | 10.1 | 374 | 28.3 | <10 |
| E5286113 | <5 | <1 | <1 | 0.04 | 29 | 26 | 0.48 | 261 | 0.7 | <0.01 | 10.9 | 422 | 26.7 | <10 |
| E5286114 | <5 | <1 | <1 | 0.06 | 56 | 35 | 0.68 | 285 | 1.6 | <0.01 | 12.2 | 408 | 33.0 | 13 |
| E5286115 | <5 | <1 | <1 | 0.04 | 35 | 32 | 0.48 | 221 | 1.4 | <0.01 | 9.7 | 368 | 34.6 | 12 |
| E5286116 | <5 | <1 | <1 | 0.04 | 46 | 51 | 0.80 | 419 | 0.8 | <0.01 | 15.4 | 358 | 25.0 | <10 |
| E5286117 | <5 | <1 | <1 | 0.04 | 45 | 61 | 0.92 | 601 | 1.4 | <0.01 | 15.0 | 342 | 23.9 | 12 |
| E5286118 | <5 | <1 | <1 | 0.02 | 47 | 71 | 1.07 | 794 | 1.2 | <0.01 | 21.7 | 370 | 26.7 | <10 |
| E5286119 | <5 | <1 | <1 | 0.04 | 64 | 58 | 0.78 | 549 | 0.8 | <0.01 | 36.4 | 607 | 23.2 | 10 |
| E5286120 | <5 | <1 | <1 | 0.03 | 66 | 79 | 1.10 | 920 | 1.0 | <0.01 | 43.5 | 571 | 24.7 | <10 |
| E5286121 | <5 | <1 | <1 | 0.03 | 45 | 75 | 1.02 | 791 | 0.7 | <0.01 | 34.0 | 402 | 18.5 | <10 |
| E5286122 | <5 | <1 | <1 | 0.03 | 54 | 82 | 1.13 | 731 | 0.6 | <0.01 | 39.1 | 457 | 18.3 | <10 |
| E5286123 | <5 | <1 | <1 | 0.03 | 70 | 89 | 1.20 | 953 | <0.5 | <0.01 | 45.5 | 627 | 23.1 | <10 |
| E5286124 | <5 | <1 | <1 | 0.03 | 62 | 85 | 1.18 | 728 | 0.6 | <0.01 | 40.5 | 448 | 19.3 | <10 |
| E5286125 | <5 | <1 | <1 | 0.04 | 56 | 78 | 1.09 | 777 | <0.5 | <0.01 | 39.2 | 463 | 21.9 | <10 |
| E5286126 | <5 | <1 | <1 | 0.02 | 61 | 98 | 1.45 | 1460 | 0.8 | <0.01 | 36.1 | 457 | 30.5 | <10 |
| E5286127 | <5 | <1 | <1 | 0.02 | 51 | 64 | 0.97 | 546 | 0.8 | <0.01 | 32.0 | 387 | 12.1 | <10 |
| E5286128 | <5 | <1 | <1 | 0.02 | 51 | 59 | 0.91 | 850 | <0.5 | <0.01 | 34.2 | 440 | 21.0 | <10 |
| E5286129 | <5 | <1 | <1 | 0.04 | 54 | 77 | 1.19 | 1000 | 0.8 | <0.01 | 41.7 | 502 | 23.7 | <10 |
| E5286130 | <5 | <1 | <1 | 0.03 | 55 | 75 | 1.18 | 1130 | <0.5 | <0.01 | 38.7 | 454 | 20.4 | <10 |
| E5286060 | <5 | <1 | <1 | 0.03 | 7 | 14 | 0.18 | 84 | <0.5 | 0.03 | 8.5 | 340 | 8.2 | <10 |
| E5286061 | <5 | <1 | <1 | 0.03 | 11 | 51 | 0.56 | 968 | <0.5 | <0.01 | 37.1 | 678 | 32.8 | <10 |
| E5286062 | <5 | <1 | <1 | 0.03 | 7 | 35 | 0.41 | 641 | 0.9 | 0.01 | 19.5 | 537 | 16.9 | <10 |
| E5286063 | <5 | <1 | <1 | 0.04 | 20 | 31 | 0.46 | 400 | 0.9 | <0.01 | 25.2 | 464 | 17.7 | <10 |
| E5286064 | <5 | <1 | <1 | 0.02 | 15 | 32 | 0.38 | 1280 | 0.8 | <0.01 | 24.1 | 523 | 25.5 | <10 |
| E5286065 | <5 | <1 | <1 | 0.02 | 25 | 39 | 0.45 | 373 | 1.1 | <0.01 | 26.6 | 423 | 15.6 | <10 |
| E5286066 | <5 | <1 | <1 | 0.03 | 15 | 53 | 0.64 | 338 | <0.5 | <0.01 | 26.7 | 755 | 17.0 | <10 |
| E5286067 | <5 | <1 | <1 | 0.02 | 17 | 41 | 0.36 | 477 | 0.9 | <0.01 | 34.0 | 903 | 29.5 | <10 |
| E5286068 | <5 | <1 | <1 | 0.03 | 35 | 55 | 0.64 | 809 | 0.7 | <0.01 | 30.9 | 547 | 18.9 | <10 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5286069 | <5 | <1 | <1 | 0.03 | 11 | 26 | 0.36 | 1330 | 0.6 | <0.01 | 16.2 | 1280 | 16.3 | <10 |
| E5286070 | <5 | <1 | <1 | 0.08 | 27 | 18 | 0.33 | 268 | 0.7 | <0.01 | 18.1 | 289 | 15.0 | 15 |
| E5286071 | <5 | <1 | <1 | 0.03 | 42 | 39 | 0.59 | 454 | 0.6 | <0.01 | 26.0 | 621 | 25.5 | <10 |
| E5286072 | <5 | <1 | <1 | 0.05 | 24 | 20 | 0.35 | 436 | 1.0 | <0.01 | 17.5 | 862 | 15.7 | <10 |
| E5286073 | <5 | <1 | <1 | 0.03 | 29 | 23 | 0.35 | 761 | 1.0 | <0.01 | 24.4 | 388 | 21.8 | <10 |
| E5286074 | <5 | <1 | <1 | 0.02 | 32 | 27 | 0.37 | 605 | 0.7 | <0.01 | 23.5 | 628 | 14.1 | <10 |
| E5286075 | <5 | <1 | <1 | 0.03 | 26 | 28 | 0.37 | 244 | 1.2 | <0.01 | 20.9 | 548 | 16.0 | <10 |
| E5286076 | <5 | <1 | <1 | 0.03 | 16 | 42 | 0.61 | 1300 | 1.2 | <0.01 | 27.3 | 1160 | 10.2 | <10 |
| E5286077 | <5 | <1 | <1 | 0.02 | 40 | 62 | 0.80 | 1410 | 0.7 | <0.01 | 36.9 | 443 | 118 | <10 |
| E5286078 | <5 | <1 | <1 | 0.03 | 13 | 21 | 0.27 | 344 | <0.5 | 0.02 | 15.1 | 659 | 18.4 | <10 |
| E5286079 | <5 | <1 | <1 | 0.02 | 22 | 26 | 0.32 | 666 | <0.5 | <0.01 | 30.4 | 387 | 25.5 | <10 |
| E5286080 | <5 | <1 | <1 | 0.03 | 24 | 52 | 0.67 | 636 | 1.1 | <0.01 | 43.8 | 718 | 38.9 | <10 |
| E5286081 | <5 | <1 | <1 | 0.02 | 34 | 56 | 0.78 | 540 | 0.9 | <0.01 | 31.7 | 527 | 19.6 | <10 |
| E5286082 | <5 | <1 | <1 | 0.03 | 30 | 38 | 0.50 | 424 | 1.1 | <0.01 | 15.9 | 540 | 16.6 | <10 |
| E5286083 | <5 | <1 | <1 | 0.03 | 24 | 44 | 0.56 | 407 | 1.2 | <0.01 | 20.7 | 658 | 16.1 | <10 |
| E5286084 | <5 | <1 | <1 | 0.02 | 9 | 31 | 0.46 | 343 | <0.5 | 0.01 | 21.5 | 552 | 6.0 | <10 |
| E5286085 | <5 | <1 | <1 | 0.05 | 39 | 78 | 1.00 | 1220 | 2.2 | 0.01 | 43.5 | 1090 | 28.2 | 13 |
| E5286086 | <5 | <1 | <1 | 0.02 | 46 | 41 | 0.50 | 367 | 1.2 | <0.01 | 23.0 | 757 | 21.9 | <10 |
| E5286087 | <5 | <1 | <1 | 0.02 | 45 | 41 | 0.52 | 371 | 0.9 | <0.01 | 23.6 | 733 | 22.0 | <10 |
| E5286088 | <5 | <1 | <1 | 0.01 | 20 | 35 | 0.57 | 460 | 0.9 | <0.01 | 25.7 | 330 | 7.0 | <10 |
| E5286089 | <5 | <1 | <1 | 0.04 | 14 | 19 | 0.30 | 455 | 1.4 | <0.01 | 11.5 | 887 | 16.2 | 10 |
| E5286090 | <5 | <1 | <1 | 0.04 | 17 | 19 | 0.31 | 392 | 1.5 | <0.01 | 12.1 | 797 | 16.4 | <10 |
| E5286091 | <5 | <1 | <1 | 0.03 | 8 | 6 | 0.09 | 79 | 0.7 | 0.03 | 6.1 | 542 | 19.0 | <10 |
| E5286092 | <5 | <1 | <1 | 0.03 | 12 | 14 | 0.23 | 197 | 1.0 | 0.01 | 9.8 | 407 | 8.3 | <10 |
| E5286093 | <5 | <1 | <1 | 0.02 | 28 | 8 | 0.12 | 120 | 0.7 | 0.02 | 10.9 | 548 | 9.7 | <10 |
| E5286094 | <5 | <1 | <1 | 0.03 | 13 | 14 | 0.21 | 266 | 1.6 | 0.01 | 9.5 | 806 | 15.5 | <10 |
| E5286095 | <5 | <1 | <1 | 0.04 | 22 | 32 | 0.49 | 622 | 1.3 | 0.01 | 23.6 | 654 | 23.0 | <10 |
| E5286096 | <5 | <1 | <1 | 0.04 | 20 | 28 | 0.43 | 448 | 1.7 | <0.01 | 12.4 | 936 | 23.8 | <10 |
| E5286097 | <5 | <1 | <1 | 0.04 | 26 | 33 | 0.42 | 314 | 3.1 | <0.01 | 13.3 | 485 | 33.1 | <10 |
| E5286098 | <5 | <1 | <1 | 0.05 | 42 | 74 | 0.71 | 2070 | 1.6 | <0.01 | 81.7 | 370 | 147 | <10 |
| E5286099 | <5 | <1 | <1 | 0.05 | 19 | 31 | 0.35 | 483 | 1.2 | 0.01 | 19.3 | 643 | 29.5 | 14 |
| E5286100 | <5 | <1 | <1 | 0.03 | 10 | 17 | 0.23 | 952 | 1.1 | 0.01 | 13.5 | 802 | 15.5 | 10 |

Certified By:





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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5286101 | <5 | <1 | <1 | 0.04 | 10 | 29 | 0.25 | 564 | 0.9 | <0.01 | 35.1 | 659 | 34.6 | 11 |
| E5286102 | <5 | <1 | <1 | 0.02 | 15 | 9 | 0.09 | 592 | 0.8 | <0.01 | 26.3 | 630 | 31.8 | <10 |
| E5286103 | <5 | <1 | <1 | 0.03 | 20 | 30 | 0.37 | 806 | <0.5 | <0.01 | 37.0 | 543 | 29.8 | <10 |
| E5286104 | <5 | <1 | <1 | 0.03 | 18 | 39 | 0.49 | 291 | 1.3 | <0.01 | 21.9 | 505 | 17.1 | <10 |
| E5286105 | <5 | <1 | <1 | 0.03 | 19 | 42 | 0.55 | 460 | 1.0 | <0.01 | 33.3 | 431 | 22.3 | <10 |
| E5286106 | <5 | <1 | <1 | 0.03 | 16 | 35 | 0.47 | 404 | 1.4 | <0.01 | 20.7 | 1390 | 16.0 | 11 |
| E5286107 | <5 | <1 | <1 | 0.05 | 15 | 28 | 0.37 | 665 | 1.6 | <0.01 | 17.2 | 1110 | 19.9 | 15 |
| E5286108 | <5 | <1 | <1 | 0.05 | 19 | 20 | 0.34 | 482 | 0.7 | <0.01 | 14.3 | 731 | 13.4 | 13 |
| E5286109 | <5 | <1 | <1 | 0.04 | 20 | 19 | 0.35 | 515 | 1.0 | <0.01 | 17.9 | 585 | 21.0 | <10 |
| E5286560 | <5 | <1 | <1 | 0.03 | 19 | 47 | 0.79 | 696 | <0.5 | <0.01 | 35.9 | 552 | 9.3 | <10 |
| E5286561 | <5 | <1 | <1 | 0.03 | 12 | 35 | 0.64 | 406 | <0.5 | <0.01 | 34.3 | 457 | 4.4 | <10 |
| E5286562 | <5 | <1 | <1 | 0.03 | 35 | 25 | 0.34 | 494 | 1.2 | <0.01 | 19.6 | 428 | 6.7 | <10 |
| E5286563 | <5 | <1 | <1 | 0.04 | 25 | 43 | 0.53 | 1170 | 1.4 | <0.01 | 25.2 | 550 | 16.5 | <10 |
| E5286564 | <5 | <1 | <1 | 0.04 | 23 | 54 | 0.84 | 1670 | 2.2 | <0.01 | 36.8 | 641 | 30.3 | <10 |
| E5286565 | <5 | <1 | <1 | 0.03 | 15 | 28 | 0.54 | 396 | <0.5 | <0.01 | 23.2 | 442 | 4.4 | <10 |
| E5286566 | <5 | <1 | <1 | 0.04 | 27 | 22 | 0.33 | 306 | 0.9 | <0.01 | 16.3 | 698 | 8.4 | <10 |
| E5286567 | <5 | <1 | <1 | 0.03 | 25 | 34 | 0.48 | 286 | 0.7 | <0.01 | 18.0 | 481 | 16.1 | <10 |
| E5286568 | <5 | <1 | <1 | 0.03 | 50 | 57 | 1.07 | 1280 | 1.3 | <0.01 | 38.7 | 491 | 5.2 | <10 |
| E5286569 | <5 | <1 | <1 | 0.03 | 19 | 24 | 0.44 | 397 | 1.3 | 0.01 | 18.9 | 376 | 4.8 | <10 |
| E5286570 | <5 | <1 | <1 | 0.02 | 22 | 34 | 0.64 | 447 | 0.5 | <0.01 | 32.0 | 398 | 6.2 | <10 |
| E5286571 | <5 | <1 | <1 | 0.02 | 17 | 41 | 0.84 | 1070 | 0.8 | <0.01 | 30.4 | 560 | 4.6 | <10 |
| E5286572 | <5 | <1 | <1 | 0.02 | 27 | 31 | 0.55 | 470 | 0.8 | <0.01 | 24.4 | 470 | 6.9 | <10 |
| E5286573 | 5 | <1 | <1 | 0.04 | 22 | 13 | 0.28 | 241 | 1.1 | 0.01 | 13.7 | 1090 | 8.4 | <10 |
| E5286574 | <5 | <1 | <1 | 0.04 | 18 | 10 | 0.21 | 203 | 1.2 | <0.01 | 12.4 | 494 | 4.7 | <10 |
| E5286575 | <5 | <1 | <1 | 0.03 | 21 | 12 | 0.24 | 192 | <0.5 | 0.01 | 15.0 | 380 | 4.3 | <10 |
| E5286576 | <5 | <1 | <1 | 0.02 | 35 | 14 | 0.27 | 231 | <0.5 | 0.01 | 16.1 | 304 | 2.1 | <10 |
| E5286577 | <5 | <1 | <1 | 0.03 | 29 | 17 | 0.31 | 317 | 1.0 | 0.01 | 16.0 | 611 | 4.1 | <10 |
| E5286578 | <5 | <1 | <1 | 0.03 | 58 | 13 | 0.22 | 557 | 1.0 | <0.01 | 28.3 | 275 | 1.9 | <10 |
| E5286579 | <5 | <1 | <1 | 0.03 | 57 | 36 | 0.63 | 602 | 0.7 | <0.01 | 40.9 | 313 | 4.7 | <10 |
| E5286580 | <5 | <1 | <1 | 0.03 | 37 | 32 | 0.55 | 454 | 1.2 | <0.01 | 20.0 | 219 | 16.4 | 11 |
| E5286581 | <5 | <1 | <1 | 0.04 | 35 | 36 | 0.68 | 317 | <0.5 | <0.01 | 20.2 | 313 | 7.2 | 12 |
| E5286582 | <5 | <1 | <1 | 0.02 | 11 | 43 | 0.67 | 491 | 0.6 | <0.01 | 25.3 | 202 | 16.9 | <10 |

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5286583 | <5 | <1 | <1 | 0.05 | 16 | 31 | 0.49 | 424 | 1.0 | <0.01 | 21.2 | 268 | 4.8 | <10 |
| E5286584 | <5 | <1 | <1 | 0.04 | 23 | 54 | 0.74 | 787 | 1.0 | <0.01 | 31.5 | 288 | 5.7 | <10 |
| E5286585 | <5 | <1 | <1 | 0.03 | 56 | 47 | 0.72 | 1240 | 1.2 | <0.01 | 39.1 | 309 | 9.6 | <10 |
| E5286586 | <5 | <1 | <1 | 0.05 | 28 | 32 | 0.55 | 464 | 0.6 | <0.01 | 29.7 | 290 | 15.7 | 12 |
| E5286587 | <5 | <1 | <1 | 0.05 | 28 | 33 | 0.51 | 425 | 1.2 | <0.01 | 21.4 | 243 | 17.1 | 12 |
| E5286588 | <5 | <1 | <1 | 0.03 | 28 | 34 | 0.52 | 505 | 0.8 | <0.01 | 20.8 | 210 | 9.4 | <10 |
| E5286589 | <5 | <1 | <1 | 0.02 | 45 | 31 | 0.45 | 568 | 1.5 | <0.01 | 19.0 | 305 | 6.3 | <10 |
| E5286590 | <5 | <1 | <1 | 0.02 | 47 | 28 | 0.41 | 802 | 1.2 | <0.01 | 15.6 | 316 | 24.3 | <10 |
| E5286591 | <5 | <1 | <1 | 0.03 | 16 | 42 | 0.57 | 362 | <0.5 | <0.01 | 42.2 | 586 | 30.7 | <10 |
| E5286592 | <5 | <1 | <1 | 0.03 | 11 | 24 | 0.33 | 131 | 0.7 | 0.02 | 19.9 | 623 | 11.4 | <10 |
| E5286593 | <5 | <1 | <1 | 0.03 | 12 | 27 | 0.38 | 619 | 1.1 | 0.02 | 21.7 | 982 | 18.1 | <10 |
| E5286594 | <5 | <1 | <1 | 0.05 | 33 | 29 | 0.50 | 640 | <0.5 | <0.01 | 28.9 | 635 | 22.2 | 13 |
| E5286595 | <5 | <1 | 2 | 0.02 | 2 | 2 | 0.04 | 75 | <0.5 | 0.03 | 1.9 | 256 | 3.2 | <10 |
| E5286596 | <5 | <1 | <1 | 0.02 | 10 | 19 | 0.25 | 348 | 0.9 | 0.02 | 15.0 | 514 | 11.2 | <10 |
| E5286597 | <5 | <1 | <1 | 0.03 | 27 | 38 | 0.52 | 468 | 0.9 | <0.01 | 25.2 | 443 | 13.6 | <10 |
| E5286598 | <5 | <1 | <1 | 0.03 | 29 | 39 | 0.59 | 778 | 0.7 | <0.01 | 32.6 | 462 | 23.0 | <10 |
| E5286599 | <5 | <1 | <1 | 0.02 | 2 | 1 | 0.03 | 36 | <0.5 | 0.03 | 1.3 | 228 | 2.3 | <10 |
| E5286600 | <5 | <1 | <1 | 0.03 | 11 | 20 | 0.29 | 345 | 0.9 | 0.01 | 13.7 | 619 | 11.4 | <10 |
| E5286601 | <5 | <1 | <1 | 0.02 | 31 | 48 | 0.62 | 866 | 0.7 | <0.01 | 28.9 | 754 | 31.0 | <10 |
| E5286602 | <5 | <1 | <1 | 0.04 | 19 | 23 | 0.33 | 428 | 1.3 | 0.01 | 15.4 | 658 | 15.0 | 11 |
| E5286603 | <5 | <1 | <1 | 0.02 | 9 | 24 | 0.30 | 380 | 0.6 | 0.01 | 16.1 | 631 | 14.2 | <10 |
| E5286604 | <5 | <1 | <1 | 0.02 | 4 | 5 | 0.07 | 119 | 0.7 | 0.03 | 3.1 | 443 | 5.7 | <10 |
| E5286605 | <5 | <1 | <1 | 0.03 | 7 | 8 | 0.13 | 159 | <0.5 | 0.02 | 7.2 | 814 | 8.1 | <10 |
| E5286606 | <5 | <1 | <1 | 0.02 | 12 | 47 | 0.60 | 299 | 0.7 | <0.01 | 36.9 | 351 | 30.2 | <10 |
| E5286607 | <5 | <1 | <1 | 0.03 | 15 | 42 | 0.48 | 399 | 0.7 | <0.01 | 28.2 | 603 | 23.2 | <10 |
| E5286608 | <5 | <1 | <1 | 0.03 | 4 | 10 | 0.12 | 464 | 0.9 | 0.03 | 6.7 | 665 | 10.5 | <10 |
| E5286609 | <5 | <1 | <1 | 0.03 | 14 | 45 | 0.63 | 529 | 0.6 | <0.01 | 39.1 | 474 | 30.5 | <10 |
| E5285660 | <5 | <1 | <1 | 0.03 | 17 | 49 | 0.57 | 881 | <0.5 | <0.01 | 67.8 | 344 | 73.6 | <10 |
| E5285661 | <5 | <1 | <1 | 0.02 | 8 | 43 | 0.50 | 555 | <0.5 | <0.01 | 42.5 | 431 | 37.4 | <10 |
| E5285662 | <5 | <1 | <1 | 0.04 | 25 | 42 | 0.52 | 1170 | 0.6 | <0.01 | 64.2 | 435 | 101 | <10 |
| E5285663 | <5 | <1 | <1 | 0.04 | 20 | 1 | 0.02 | 97 | 1.7 | <0.01 | 19.0 | 503 | 9.8 | 13 |
| E5285664 | <5 | <1 | <1 | 0.07 | 17 | 21 | 0.34 | 203 | 2.0 | 0.01 | 14.1 | 860 | 130 | 14 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285665 | <5 | <1 | <1 | 0.03 | 57 | 5 | 0.07 | 59 | 0.6 | <0.01 | 4.9 | 298 | 46.1 | <10 |

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

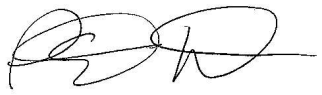
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L87N 85+00E | 0.017 | <1 | 1.8 | <10 | <5 | 14.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 40.8 | <1 |
| L87N 85+50E | 0.007 | <1 | 0.9 | <10 | <5 | 5.6 | <10 | <10 | 7 | <0.01 | <5 | <5 | 22.4 | <1 |
| L87N 86+00E | 0.017 | <1 | <0.5 | <10 | <5 | 4.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.3 | <1 |
| L87N 86+50E | 0.006 | <1 | 0.7 | <10 | <5 | 5.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.5 | <1 |
| L87N 87+00E | <0.005 | <1 | 2.3 | 15 | <5 | 8.7 | <10 | <10 | 14 | <0.01 | <5 | <5 | 27.6 | <1 |
| L87N 87+50E | <0.005 | <1 | 2.4 | <10 | <5 | 6.6 | <10 | <10 | 13 | 0.01 | <5 | <5 | 27.8 | <1 |
| L87N 88+00E | 0.033 | <1 | 0.5 | <10 | <5 | 8.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.7 | <1 |
| L87N 88+50E | 0.011 | <1 | 1.6 | <10 | <5 | 7.8 | <10 | <10 | 7 | <0.01 | <5 | <5 | 26.4 | <1 |
| L87N 89+00E | 0.023 | <1 | 1.5 | <10 | <5 | 5.5 | <10 | <10 | 13 | <0.01 | <5 | <5 | 19.5 | <1 |
| L87N 89+50E | 0.028 | <1 | 0.8 | <10 | <5 | 7.8 | <10 | <10 | 5 | <0.01 | <5 | <5 | 18.2 | <1 |
| L87N 90+00E | 0.016 | <1 | <0.5 | <10 | <5 | 4.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.4 | <1 |
| L87N 90+50E | 0.021 | <1 | 0.7 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.9 | <1 |
| L87N 91+00E | 0.064 | <1 | <0.5 | <10 | <5 | 21.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.6 | <1 |
| L87N 91+50E | 0.021 | <1 | 1.3 | <10 | <5 | 9.5 | <10 | <10 | 7 | <0.01 | <5 | <5 | 24.1 | <1 |
| L87N 92+00E | 0.024 | <1 | 1.7 | <10 | <5 | 8.4 | <10 | <10 | 11 | <0.01 | <5 | <5 | 30.4 | <1 |
| L87N 92+50E | 0.026 | <1 | 1.1 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.0 | <1 |
| L87N 93+00E | 0.029 | <1 | 1.0 | <10 | <5 | 4.2 | <10 | <10 | 6 | <0.01 | <5 | <5 | 25.0 | <1 |
| L87N 93+50E | 0.016 | <1 | <0.5 | <10 | <5 | 6.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 16.2 | <1 |
| L87N 94+00E | 0.028 | <1 | 0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.4 | <1 |
| L87N 94+50E | 0.034 | <1 | <0.5 | <10 | <5 | 7.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.9 | <1 |
| L87N 95+00E | 0.013 | <1 | 1.3 | <10 | <5 | 9.3 | <10 | <10 | 7 | 0.05 | <5 | <5 | 31.4 | <1 |
| L87N 95+50E | 0.019 | <1 | 0.9 | <10 | <5 | 6.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.0 | <1 |
| L87N 96+00E | 0.028 | <1 | 0.8 | <10 | <5 | 6.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 28.1 | <1 |
| L87N 96+50E | 0.050 | <1 | <0.5 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.0 | <1 |
| L87N 97+00E | 0.049 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.7 | <1 |
| L87N 97+50E | 0.025 | <1 | <0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.7 | <1 |
| L87N 98+00E | 0.053 | <1 | <0.5 | <10 | <5 | 7.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.8 | <1 |
| L87N 98+50E | 0.023 | <1 | <0.5 | <10 | <5 | 7.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.5 | <1 |
| L87N 99+00E | 0.053 | <1 | <0.5 | <10 | <5 | 8.0 | <10 | <10 | <5 | 0.02 | <5 | <5 | 29.5 | <1 |
| L87N 99+50E | 0.026 | <1 | <0.5 | <10 | <5 | 4.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.7 | <1 |
| L87N 100+00E | 0.011 | <1 | 0.9 | <10 | <5 | 7.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.6 | <1 |
| L87N 100+50E | 0.036 | <1 | <0.5 | <10 | <5 | 4.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.8 | <1 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L87N 101+00E | 0.047 | <1 | <0.5 | <10 | <5 | 6.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.6 | <1 |
| L87N 101+50E | 0.055 | <1 | <0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.1 | <1 |
| L87N 102+00E | 0.024 | <1 | 0.8 | <10 | <5 | 8.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.4 | <1 |
| L87N 102+50E | 0.026 | <1 | 1.0 | <10 | <5 | 7.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.8 | <1 |
| L87N 103+00E | 0.030 | <1 | 0.7 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.8 | <1 |
| L87N 103+50E | 0.027 | <1 | <0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.7 | <1 |
| L87N 104+00E | 0.014 | <1 | 0.8 | <10 | <5 | 7.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.3 | <1 |
| L87N 104+50E | 0.022 | <1 | 0.5 | <10 | <5 | 4.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.0 | <1 |
| L87N 105+00E | 0.025 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.5 | <1 |
| L87N 105+50E | 0.020 | <1 | 1.4 | <10 | <5 | 10.1 | <10 | <10 | 7 | <0.01 | <5 | <5 | 27.7 | <1 |
| L87N 106+00E | 0.050 | <1 | 0.9 | <10 | <5 | 15.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 12.2 | <1 |
| L87N 106+50E | 0.014 | <1 | 1.6 | <10 | <5 | 15.3 | <10 | <10 | 9 | <0.01 | <5 | <5 | 26.1 | <1 |
| L87N 107+00E | 0.019 | <1 | 1.1 | <10 | <5 | 10.7 | <10 | <10 | 5 | <0.01 | <5 | <5 | 26.6 | <1 |
| L87N 107+50E | 0.031 | <1 | 1.7 | <10 | <5 | 16.1 | <10 | <10 | 7 | <0.01 | <5 | <5 | 22.3 | <1 |
| L87N 108+00E | 0.026 | <1 | 1.3 | <10 | <5 | 14.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.6 | <1 |
| L87N 108+50E | 0.016 | <1 | 1.4 | <10 | <5 | 10.6 | <10 | <10 | 9 | <0.01 | <5 | <5 | 31.3 | <1 |
| L87N 109+00E | 0.029 | <1 | 1.5 | <10 | <5 | 11.4 | <10 | <10 | 7 | <0.01 | <5 | <5 | 20.5 | <1 |
| L88N 85+00E | 0.025 | <1 | 2.4 | <10 | <5 | 15.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 34.4 | <1 |
| L88N 85+50E | 0.024 | <1 | 2.3 | <10 | <5 | 12.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 46.0 | <1 |
| L88N 86+00E | 0.040 | 1 | 3.2 | <10 | <5 | 39.4 | <10 | <10 | 11 | <0.01 | <5 | <5 | 19.9 | <1 |
| L88N 86+50E | 0.035 | 2 | 4.3 | <10 | <5 | 34.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 25.3 | <1 |
| L88N 87+00E | 0.011 | <1 | 1.4 | <10 | <5 | 8.9 | <10 | <10 | 6 | 0.01 | <5 | <5 | 25.4 | <1 |
| L88N 87+50E | 0.008 | <1 | 2.1 | <10 | <5 | 11.4 | <10 | <10 | 12 | 0.02 | <5 | <5 | 28.0 | <1 |
| L88N 88+00E | 0.021 | <1 | 0.7 | <10 | <5 | 8.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.8 | <1 |
| L88N 88+50E | 0.025 | <1 | 1.0 | <10 | <5 | 8.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.5 | <1 |
| L88N 89+00E | 0.014 | <1 | 1.3 | <10 | <5 | 5.5 | <10 | <10 | 9 | <0.01 | <5 | <5 | 25.0 | <1 |
| L88N 89+50E | 0.032 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 9.8 | <1 |
| L88N 90+00E | 0.026 | <1 | 0.9 | <10 | <5 | 8.4 | <10 | <10 | 7 | <0.01 | <5 | <5 | 21.1 | <1 |
| L88N 90+50E | 0.021 | <1 | 1.0 | <10 | <5 | 7.5 | <10 | <10 | 5 | <0.01 | <5 | <5 | 22.1 | <1 |
| L88N 91+00E | 0.032 | <1 | 0.8 | <10 | <5 | 7.5 | <10 | <10 | 5 | <0.01 | <5 | <5 | 28.6 | <1 |
| L88N 91+50E | 0.029 | <1 | 1.0 | <10 | <5 | 9.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.2 | <1 |
| L88N 92+00E | 0.051 | <1 | 1.1 | 14 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.4 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L88N 92+50E | 0.038 | <1 | 3.2 | <10 | <5 | 11.9 | <10 | <10 | 11 | <0.01 | <5 | <5 | 28.0 | <1 |
| L88N 93+00E | 0.050 | <1 | 0.7 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.4 | <1 |
| L88N 93+50E | 0.014 | <1 | 1.0 | <10 | <5 | 5.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.5 | <1 |
| L88N 94+00E | 0.010 | <1 | 1.4 | <10 | <5 | 5.9 | <10 | <10 | 10 | 0.02 | <5 | <5 | 33.5 | <1 |
| L88N 94+50E | 0.047 | <1 | <0.5 | <10 | <5 | 6.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 17.7 | <1 |
| L88N 95+00E | 0.027 | <1 | 1.3 | <10 | <5 | 7.6 | <10 | <10 | 7 | <0.01 | <5 | <5 | 26.5 | <1 |
| L88N 95+50E | 0.041 | <1 | 1.1 | <10 | <5 | 6.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.6 | <1 |
| L88N 96+00E | 0.034 | <1 | 0.7 | <10 | <5 | 7.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.6 | <1 |
| L88N 96+50E | 0.048 | <1 | 0.8 | <10 | <5 | 6.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.4 | <1 |
| L88N 97+00E | 0.045 | <1 | 0.8 | <10 | <5 | 7.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.1 | <1 |
| L88N 97+50E | 0.038 | <1 | 0.9 | <10 | <5 | 6.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.7 | <1 |
| L88N 98+00E | 0.037 | <1 | <0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.0 | <1 |
| L88N 98+50E | 0.024 | <1 | 1.6 | <10 | <5 | 9.4 | <10 | <10 | 8 | <0.01 | <5 | <5 | 28.4 | <1 |
| L88N 99+00E | 0.042 | <1 | 0.8 | 10 | <5 | 7.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.5 | <1 |
| L88N 99+50E | 0.011 | <1 | 2.2 | <10 | <5 | 10.1 | <10 | <10 | 13 | 0.01 | <5 | <5 | 28.7 | <1 |
| L89N 85+00E | 0.013 | <1 | 1.7 | <10 | <5 | 6.1 | <10 | <10 | 10 | <0.01 | <5 | <5 | 23.8 | <1 |
| L89N 85+50E | 0.007 | <1 | 2.4 | <10 | <5 | 7.6 | <10 | <10 | 12 | 0.02 | <5 | <5 | 25.9 | <1 |
| L89N 86+00E | 0.008 | <1 | 1.5 | <10 | <5 | 4.8 | <10 | <10 | 10 | <0.01 | <5 | <5 | 22.9 | <1 |
| L89N 86+50E | 0.010 | <1 | 2.8 | <10 | <5 | 8.1 | <10 | <10 | 8 | <0.01 | <5 | <5 | 31.7 | <1 |
| L89N 87+00E | 0.006 | <1 | 4.1 | <10 | <5 | 9.0 | <10 | <10 | 19 | <0.01 | <5 | <5 | 23.1 | <1 |
| L89N 87+50E | <0.005 | <1 | 3.1 | <10 | <5 | 6.8 | <10 | <10 | 17 | <0.01 | <5 | <5 | 26.9 | <1 |
| L89N 88+00E | 0.033 | <1 | 3.7 | <10 | <5 | 13.8 | <10 | <10 | 18 | <0.01 | <5 | <5 | 27.9 | <1 |
| L89N 88+50E | 0.024 | <1 | 1.5 | <10 | <5 | 8.3 | <10 | <10 | 5 | 0.01 | <5 | <5 | 27.5 | <1 |
| L89N 89+00E | 0.036 | <1 | 2.2 | <10 | <5 | 12.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 34.5 | <1 |
| L89N 89+50E | 0.025 | <1 | 0.8 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.8 | <1 |
| L89N 90+00E | 0.023 | <1 | 1.0 | <10 | <5 | 8.0 | <10 | <10 | 5 | <0.01 | <5 | <5 | 22.1 | <1 |
| L89N 90+50E | 0.046 | <1 | 1.0 | <10 | <5 | 9.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.0 | <1 |
| L89N 91+00E | 0.053 | <1 | 2.0 | <10 | <5 | 32.9 | <10 | <10 | 20 | <0.01 | <5 | <5 | 24.9 | <1 |
| L89N 91+50E | 0.029 | <1 | 1.3 | <10 | <5 | 4.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 30.9 | <1 |
| L89N 92+00E | 0.061 | <1 | 1.1 | <10 | <5 | 10.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.4 | <1 |
| L89N 92+50E | 0.020 | <1 | 1.1 | <10 | <5 | 5.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 22.4 | <1 |
| L89N 93+00E | 0.029 | <1 | 1.4 | <10 | <5 | 8.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.5 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L89N 93+50E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L89N 94+00E | 0.043 | <1 | 1.6 | <10 | <5 | 5.4 | <10 | <10 | 8 | <0.01 | <5 | <5 | 29.7 | <1 |
| L89N 94+50E | 0.036 | <1 | 0.7 | <10 | <5 | 5.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 32.6 | <1 |
| L89N 95+00E | 0.055 | <1 | 0.6 | <10 | <5 | 5.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 11.7 | <1 |
| L89N 95+50E | 0.026 | <1 | 1.1 | <10 | <5 | 6.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 27.5 | <1 |
| L89N 96+00E | 0.039 | <1 | 1.5 | <10 | <5 | 6.0 | <10 | <10 | 8 | <0.01 | <5 | <5 | 30.2 | <1 |
| L89N 96+50E | 0.035 | <1 | 1.3 | <10 | <5 | 6.3 | <10 | <10 | 6 | 0.01 | <5 | <5 | 30.9 | <1 |
| L89N 97+00E | 0.070 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.6 | <1 |
| L89N 97+50E | 0.053 | <1 | 0.5 | <10 | <5 | 5.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.4 | <1 |
| L89N 98+00E | 0.052 | <1 | 0.5 | <10 | <5 | 8.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 40.3 | <1 |
| L89N 98+50E | 0.043 | <1 | 1.5 | <10 | <5 | 9.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 35.7 | <1 |
| L89N 99+00E | 0.009 | <1 | 2.6 | <10 | <5 | 10.4 | <10 | <10 | 15 | 0.03 | <5 | <5 | 33.2 | <1 |
| L89N 99+50E | 0.014 | <1 | 2.8 | <10 | <5 | 9.0 | <10 | <10 | 13 | 0.01 | <5 | <5 | 26.6 | <1 |
| L89N 100+00E | 0.013 | <1 | 2.0 | <10 | <5 | 7.1 | <10 | <10 | 9 | <0.01 | <5 | <5 | 25.9 | <1 |
| L89N 100+50E | 0.027 | <1 | 1.4 | <10 | <5 | 5.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.3 | <1 |
| L89N 101+00E | 0.019 | <1 | 1.5 | <10 | <5 | 5.6 | <10 | <10 | 7 | <0.01 | <5 | <5 | 25.0 | <1 |
| L89N 101+50E | 0.014 | <1 | 1.7 | <10 | <5 | 4.6 | <10 | <10 | 9 | <0.01 | <5 | <5 | 27.3 | <1 |
| L89N 102+00E | 0.034 | <1 | 0.8 | <10 | <5 | 5.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.0 | <1 |
| L89N 102+50E | 0.038 | <1 | 0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.1 | <1 |
| L89N 103+00E | 0.040 | <1 | <0.5 | <10 | <5 | 5.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.7 | <1 |
| L89N 103+50E | 0.022 | <1 | 0.9 | <10 | <5 | 4.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.9 | <1 |
| L89N 104+00E | 0.033 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 32.4 | <1 |
| L89N 104+50E | 0.021 | <1 | 0.6 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.9 | <1 |
| L89N 105+00E | 0.005 | <1 | 1.8 | <10 | <5 | 6.2 | <10 | <10 | 13 | <0.01 | <5 | <5 | 23.9 | <1 |
| L89N 105+50E | 0.079 | <1 | 1.4 | <10 | <5 | 20.2 | <10 | <10 | <5 | <0.01 | <5 | 7 | 17.5 | <1 |
| L89N 106+00E | 0.089 | 1 | 1.7 | <10 | <5 | 22.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 17.6 | <1 |
| L89N 106+50E | 0.028 | <1 | <0.5 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.3 | <1 |
| L89N 107+00E | 0.020 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 16.4 | <1 |
| L89N 107+50E | 0.038 | <1 | 2.4 | 11 | <5 | 21.6 | <10 | <10 | 10 | <0.01 | <5 | 10 | 21.3 | <1 |
| L89N 108+00E | 0.046 | <1 | 2.5 | <10 | <5 | 24.7 | <10 | <10 | 12 | <0.01 | <5 | <5 | 20.6 | <1 |
| L89N 108+50E | 0.020 | <1 | 2.0 | <10 | <5 | 13.8 | <10 | <10 | 8 | <0.01 | <5 | <5 | 22.5 | <1 |
| L89N 109+00E | 0.013 | <1 | 1.8 | <10 | <5 | 9.0 | <10 | <10 | 9 | <0.01 | <5 | <5 | 21.7 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

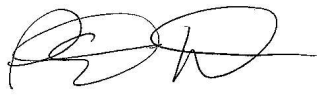
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L90N 85+00E | 0.049 | <1 | 1.3 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 56.1 | <1 |
| L90N 85+50E | 0.037 | <1 | 5.9 | <10 | <5 | 23.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 73.6 | <1 |
| L90N 86+00E | 0.008 | <1 | 1.0 | <10 | <5 | 3.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.8 | <1 |
| L90N 86+50E | 0.009 | <1 | 3.1 | <10 | <5 | 13.0 | <10 | <10 | 13 | <0.01 | <5 | <5 | 25.6 | <1 |
| L90N 87+00E | 0.024 | <1 | 0.9 | <10 | <5 | 5.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 22.9 | <1 |
| L90N 87+50E | 0.020 | <1 | 1.8 | <10 | <5 | 7.6 | <10 | <10 | 7 | <0.01 | <5 | <5 | 29.3 | <1 |
| L90N 88+00E | 0.074 | <1 | 1.3 | <10 | <5 | 8.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.9 | <1 |
| L90N 88+50E | 0.012 | <1 | 1.6 | <10 | <5 | 7.4 | <10 | <10 | 10 | 0.01 | <5 | <5 | 25.0 | <1 |
| L90N 89+00E | 0.019 | <1 | <0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 15.2 | <1 |
| L90N 89+50E | 0.033 | <1 | 1.4 | <10 | <5 | 6.3 | <10 | <10 | 8 | <0.01 | <5 | <5 | 25.2 | <1 |
| L90N 90+00E | 0.029 | <1 | 0.8 | <10 | <5 | 7.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.5 | <1 |
| L90N 90+50E | 0.016 | <1 | 0.8 | <10 | <5 | 5.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 17.3 | <1 |
| L90N 91+00E | 0.018 | <1 | 1.7 | <10 | <5 | 6.7 | <10 | <10 | 11 | <0.01 | <5 | <5 | 22.0 | <1 |
| L90N 91+50E | 0.019 | <1 | 0.7 | <10 | <5 | 7.3 | <10 | <10 | <5 | 0.02 | <5 | <5 | 20.7 | <1 |
| L90N 92+00E | 0.017 | <1 | 1.8 | <10 | <5 | 6.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 28.0 | <1 |
| L90N 92+50E | 0.016 | <1 | 2.0 | <10 | <5 | 6.9 | <10 | <10 | 10 | <0.01 | <5 | <5 | 25.6 | <1 |
| L90N 93+00E | 0.020 | <1 | 1.6 | <10 | <5 | 4.1 | <10 | <10 | 8 | <0.01 | <5 | <5 | 26.7 | <1 |
| L90N 93+50E | 0.015 | <1 | 2.3 | <10 | <5 | 7.2 | <10 | <10 | 13 | <0.01 | <5 | <5 | 28.8 | <1 |
| L90N 94+00E | 0.017 | <1 | 1.5 | <10 | <5 | 8.2 | <10 | <10 | 5 | 0.01 | <5 | <5 | 27.4 | <1 |
| L90N 94+50E | 0.069 | <1 | <0.5 | <10 | <5 | 5.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.0 | <1 |
| L90N 95+00E | 0.030 | <1 | 1.6 | <10 | <5 | 7.6 | <10 | <10 | 6 | <0.01 | <5 | <5 | 28.2 | <1 |
| L90N 95+50E | 0.035 | <1 | 0.7 | <10 | <5 | 7.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.3 | <1 |
| L90N 96+00E | 0.056 | <1 | <0.5 | <10 | <5 | 8.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.6 | <1 |
| L90N 96+50E | 0.030 | <1 | 1.7 | <10 | <5 | 7.4 | <10 | <10 | 8 | <0.01 | <5 | <5 | 26.8 | <1 |
| L90N 97+00E | 0.047 | <1 | 0.6 | <10 | <5 | 6.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.4 | <1 |
| L90N 97+50E | 0.051 | <1 | 0.6 | <10 | <5 | 7.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 31.9 | <1 |
| L90N 98+00E | 0.015 | <1 | 2.2 | <10 | <5 | 8.2 | <10 | <10 | 14 | 0.01 | <5 | <5 | 29.4 | <1 |
| L90N 98+50E | 0.044 | <1 | 0.8 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.5 | <1 |
| L90N 99+00E | 0.021 | <1 | 1.2 | <10 | <5 | 6.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 31.1 | <1 |
| L90N 99+50E | 0.029 | <1 | 0.9 | <10 | <5 | 7.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.3 | <1 |
| L90N 100+00E | 0.040 | <1 | 0.7 | <10 | <5 | 3.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.1 | <1 |
| L91N 85+00E | 0.012 | <1 | 1.5 | <10 | <5 | 4.3 | <10 | <10 | 12 | <0.01 | <5 | <5 | 22.7 | <1 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L91N 85+50E | 0.011 | <1 | 6.8 | <10 | <5 | 10.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 78.3 | <1 |
| L91N 86+00E | 0.071 | <1 | <0.5 | <10 | <5 | 7.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.8 | <1 |
| L91N 86+50E | 0.049 | <1 | <0.5 | <10 | <5 | 7.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.5 | <1 |
| L91N 87+00E | 0.047 | <1 | <0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 11.8 | <1 |
| L91N 87+50E | 0.013 | <1 | 1.5 | <10 | <5 | 6.4 | <10 | <10 | 7 | <0.01 | <5 | <5 | 23.3 | <1 |
| L91N 88+00E | 0.016 | <1 | 1.8 | <10 | <5 | 7.1 | <10 | <10 | 9 | <0.01 | <5 | <5 | 25.7 | <1 |
| L91N 88+50E | 0.038 | <1 | 0.8 | <10 | <5 | 7.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.0 | <1 |
| L91N 89+00E | 0.025 | <1 | 0.8 | <10 | <5 | 5.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.1 | <1 |
| L91N 89+50E | 0.024 | <1 | 0.8 | <10 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.3 | <1 |
| L91N 90+00E | 0.029 | <1 | <0.5 | <10 | <5 | 6.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.2 | <1 |
| L91N 90+50E | 0.037 | <1 | <0.5 | <10 | <5 | 7.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 16.0 | <1 |
| L91N 91+00E | 0.047 | <1 | <0.5 | <10 | <5 | 8.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 35.9 | <1 |
| L91N 91+50E | 0.039 | <1 | <0.5 | <10 | <5 | 7.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.0 | <1 |
| L91N 92+00E | 0.048 | <1 | 1.1 | <10 | <5 | 6.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.6 | <1 |
| L91N 92+50E | 0.027 | <1 | 1.7 | <10 | <5 | 7.8 | <10 | <10 | 6 | <0.01 | <5 | <5 | 24.1 | <1 |
| L91N 93+00E | 0.043 | <1 | 0.5 | <10 | <5 | 3.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.4 | <1 |
| L91N 93+50E | 0.043 | <1 | 0.5 | <10 | <5 | 5.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.8 | <1 |
| L91N 94+00E | 0.014 | <1 | 1.7 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 29.6 | <1 |
| L91N 94+50E | 0.066 | <1 | 0.5 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 34.5 | <1 |
| L91N 95+00E | 0.021 | <1 | 1.7 | <10 | <5 | 7.2 | <10 | <10 | 6 | 0.01 | <5 | <5 | 30.7 | <1 |
| L91N 95+50E | 0.044 | <1 | 1.3 | <10 | <5 | 8.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 32.7 | <1 |
| L91N 96+00E | 0.080 | <1 | <0.5 | <10 | <5 | 5.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.6 | <1 |
| L91N 96+50E | 0.012 | <1 | <0.5 | <10 | <5 | 6.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 11.2 | <1 |
| L91N 97+00E | 0.075 | <1 | 0.7 | <10 | <5 | 6.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.1 | <1 |
| L91N 97+50E | 0.030 | <1 | 1.3 | <10 | <5 | 6.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.8 | <1 |
| L91N 98+00E | 0.006 | <1 | 2.3 | <10 | <5 | 7.2 | <10 | <10 | 14 | <0.01 | <5 | <5 | 25.7 | <1 |
| L91N 98+50E | 0.015 | <1 | 1.6 | <10 | <5 | 5.5 | <10 | <10 | 6 | <0.01 | <5 | <5 | 25.7 | <1 |
| L91N 99+00E | 0.048 | <1 | <0.5 | <10 | <5 | 5.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.3 | <1 |
| L91N 99+50E | 0.019 | <1 | 1.7 | <10 | <5 | 7.2 | <10 | <10 | 6 | <0.01 | <5 | <5 | 28.1 | <1 |
| L91N 100+00E | 0.042 | <1 | 0.5 | <10 | <5 | 7.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 27.4 | <1 |
| L91N 100+50E | 0.021 | <1 | 1.0 | <10 | <5 | 6.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.7 | <1 |
| L91N 101+00E | 0.018 | <1 | 1.1 | <10 | <5 | 7.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.8 | <1 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L91N 101+50E | 0.037 | <1 | 0.5 | <10 | <5 | 6.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.7 | <1 |
| L91N 102+00E | 0.018 | <1 | 1.1 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.4 | <1 |
| L91N 102+50E | 0.027 | <1 | <0.5 | <10 | <5 | 5.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.5 | <1 |
| L91N 103+00E | 0.040 | <1 | <0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 32.8 | <1 |
| L91N 103+50E | 0.035 | <1 | <0.5 | <10 | <5 | 7.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.3 | <1 |
| L91N 104+00E | 0.032 | <1 | <0.5 | <10 | <5 | 7.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.3 | <1 |
| L91N 104+50E | 0.034 | <1 | <0.5 | <10 | <5 | 7.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.9 | <1 |
| L91N 105+00E | 0.030 | <1 | <0.5 | <10 | <5 | 5.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 34.5 | <1 |
| L91N 105+50E | 0.046 | <1 | <0.5 | <10 | <5 | 16.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.6 | <1 |
| L91N 106+00E | 0.023 | <1 | 0.7 | <10 | <5 | 9.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.0 | <1 |
| L91N 106+50E | 0.015 | <1 | <0.5 | <10 | <5 | 5.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.3 | <1 |
| L91N 107+00E | 0.039 | <1 | 1.2 | <10 | <5 | 11.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.6 | <1 |
| L91N 107+50E | 0.014 | <1 | 0.7 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.6 | <1 |
| L91N 108+00E | 0.014 | <1 | 1.4 | <10 | <5 | 6.8 | <10 | <10 | 7 | <0.01 | <5 | <5 | 24.2 | <1 |
| L91N 108+50E | 0.061 | 2 | 1.1 | <10 | <5 | 23.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 16.1 | <1 |
| L91N 109+00E | 0.026 | <1 | 1.6 | <10 | <5 | 11.4 | <10 | <10 | 6 | <0.01 | <5 | <5 | 22.1 | <1 |
| L92N 85+00E | 0.007 | <1 | 3.8 | <10 | <5 | 6.8 | <10 | <10 | 14 | <0.01 | <5 | <5 | 26.4 | <1 |
| L92N 85+50E | 0.006 | <1 | 2.2 | <10 | <5 | 5.9 | <10 | <10 | 14 | <0.01 | <5 | <5 | 26.7 | <1 |
| L92N 86+00E | 0.020 | <1 | 2.2 | 12 | <5 | 11.3 | <10 | <10 | 16 | <0.01 | <5 | <5 | 18.8 | <1 |
| L92N 86+50E | 0.021 | <1 | 0.9 | <10 | <5 | 9.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 13.2 | <1 |
| L92N 87+00E | 0.050 | <1 | 1.3 | <10 | <5 | 8.7 | <10 | <10 | 7 | <0.01 | <5 | <5 | 23.6 | <1 |
| L92N 87+50E | 0.013 | <1 | 2.1 | <10 | <5 | 7.7 | <10 | <10 | 9 | <0.01 | <5 | <5 | 33.4 | <1 |
| L92N 88+00E | 0.021 | 2 | 0.7 | <10 | <5 | 8.0 | <10 | <10 | 6 | <0.01 | <5 | <5 | 17.1 | <1 |
| L92N 88+50E | 0.018 | <1 | 1.9 | <10 | <5 | 9.2 | <10 | <10 | 8 | <0.01 | <5 | <5 | 26.1 | <1 |
| L92N 89+00E | 0.036 | <1 | 1.6 | <10 | <5 | 5.3 | <10 | <10 | 11 | <0.01 | <5 | <5 | 23.4 | <1 |
| L92N 89+50E | 0.040 | <1 | 0.9 | <10 | <5 | 5.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.2 | <1 |
| L92N 90+00E | 0.022 | <1 | 1.8 | <10 | <5 | 10.4 | <10 | <10 | 15 | <0.01 | <5 | <5 | 20.9 | <1 |
| L92N 90+50E | 0.021 | <1 | 1.2 | <10 | <5 | 7.7 | <10 | <10 | 9 | <0.01 | <5 | <5 | 19.8 | <1 |
| L92N 91+00E | 0.076 | <1 | 0.9 | <10 | <5 | 6.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.8 | <1 |
| L92N 91+50E | 0.017 | <1 | 1.8 | <10 | <5 | 8.4 | <10 | <10 | 14 | <0.01 | <5 | <5 | 30.2 | <1 |
| L92N 92+00E | 0.024 | <1 | 1.5 | <10 | <5 | 8.1 | <10 | <10 | 6 | 0.01 | <5 | <5 | 26.7 | <1 |
| L92N 92+50E | 0.029 | <1 | 1.8 | <10 | <5 | 10.1 | <10 | <10 | 8 | 0.01 | <5 | <5 | 32.3 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L92N 93+00E | 0.061 | <1 | 1.5 | <10 | <5 | 6.2 | <10 | <10 | 5 | <0.01 | <5 | <5 | 30.8 | <1 |
| L92N 93+50E | 0.030 | <1 | 1.2 | <10 | <5 | 6.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.7 | <1 |
| L92N 94+00E | 0.019 | <1 | 1.6 | <10 | <5 | 5.0 | <10 | <10 | <5 | 0.02 | <5 | <5 | 32.8 | <1 |
| L92N 94+50E | 0.014 | <1 | 2.0 | <10 | <5 | 7.6 | <10 | <10 | 10 | <0.01 | <5 | <5 | 28.2 | <1 |
| L92N 95+00E | 0.012 | <1 | 1.9 | <10 | <5 | 4.9 | <10 | <10 | 11 | <0.01 | <5 | <5 | 27.0 | <1 |
| L92N 95+50E | 0.018 | <1 | 1.5 | <10 | <5 | 4.4 | <10 | <10 | 7 | 0.01 | <5 | <5 | 29.2 | <1 |
| L92N 96+00E | 0.046 | <1 | 1.2 | <10 | <5 | 4.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 31.2 | <1 |
| L92N 96+50E | 0.014 | <1 | 1.7 | <10 | <5 | 5.2 | <10 | <10 | 12 | <0.01 | <5 | <5 | 24.2 | <1 |
| L92N 97+00E | 0.056 | <1 | 1.1 | <10 | <5 | 7.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.8 | <1 |
| L92N 97+50E | 0.021 | <1 | 1.6 | <10 | <5 | 5.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.2 | <1 |
| L92N 98+00E | 0.019 | <1 | 2.2 | <10 | <5 | 8.9 | <10 | <10 | 13 | <0.01 | <5 | <5 | 27.9 | <1 |
| L92N 98+50E | 0.024 | <1 | 1.5 | <10 | <5 | 6.7 | <10 | <10 | 6 | <0.01 | <5 | <5 | 24.9 | <1 |
| L92N 99+00E | 0.041 | <1 | 1.7 | <10 | <5 | 11.2 | <10 | <10 | 10 | 0.01 | <5 | <5 | 26.7 | <1 |
| L92N 99+50E | 0.048 | <1 | 1.1 | <10 | <5 | 5.2 | <10 | <10 | 7 | 0.01 | <5 | <5 | 24.8 | <1 |
| L92N 100+00E | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss | nss |
| L93N 85+00E | 0.012 | <1 | 1.7 | <10 | <5 | 6.8 | <10 | <10 | 10 | <0.01 | <5 | <5 | 22.9 | <1 |
| L93N 85+50E | 0.016 | <1 | 1.6 | <10 | <5 | 8.1 | <10 | <10 | 9 | <0.01 | <5 | <5 | 22.9 | <1 |
| L93N 86+00E | 0.034 | <1 | <0.5 | <10 | <5 | 8.6 | <10 | <10 | <5 | 0.07 | <5 | <5 | 19.9 | <1 |
| L93N 86+50E | 0.007 | <1 | 3.5 | <10 | <5 | 9.2 | <10 | <10 | 23 | <0.01 | <5 | <5 | 25.6 | <1 |
| L93N 87+00E | 0.007 | <1 | 2.2 | <10 | <5 | 11.7 | <10 | <10 | 14 | <0.01 | <5 | <5 | 23.6 | <1 |
| L93N 87+50E | 0.013 | <1 | 1.8 | <10 | <5 | 9.5 | <10 | <10 | 16 | 0.03 | <5 | <5 | 19.6 | <1 |
| L93N 88+00E | 0.014 | <1 | 1.4 | <10 | <5 | 8.3 | <10 | <10 | 7 | 0.03 | <5 | <5 | 23.0 | <1 |
| L93N 88+50E | 0.067 | <1 | <0.5 | <10 | <5 | 8.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.1 | <1 |
| L93N 89+00E | 0.011 | <1 | 1.6 | <10 | <5 | 10.4 | <10 | <10 | 10 | <0.01 | <5 | <5 | 26.1 | <1 |
| L93N 89+50E | 0.021 | <1 | 1.7 | <10 | <5 | 6.0 | <10 | <10 | 9 | 0.01 | <5 | <5 | 28.3 | <1 |
| L93N 90+00E | 0.037 | <1 | 0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | 0.04 | <5 | <5 | 29.8 | <1 |
| L93N 90+50E | 0.023 | <1 | 1.1 | <10 | <5 | 9.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 27.3 | <1 |
| L93N 91+00E | 0.020 | <1 | 1.0 | <10 | <5 | 8.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.5 | <1 |
| L93N 91+50E | 0.021 | <1 | 1.5 | <10 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.6 | <1 |
| L93N 92+00E | 0.013 | <1 | 2.2 | <10 | <5 | 10.6 | <10 | <10 | 12 | 0.01 | <5 | <5 | 23.9 | <1 |
| L93N 92+50E | 0.011 | <1 | 2.4 | <10 | <5 | 9.9 | <10 | <10 | 10 | 0.02 | <5 | <5 | 29.4 | <1 |
| L93N 93+00E | 0.010 | <1 | 1.5 | <10 | <5 | 6.7 | <10 | <10 | 6 | <0.01 | <5 | <5 | 21.9 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L93N 93+50E | <0.005 | <1 | 2.3 | <10 | <5 | 8.2 | <10 | <10 | 10 | <0.01 | <5 | <5 | 21.4 | <1 |
| L93N 94+00E | 0.011 | <1 | 1.7 | <10 | <5 | 8.1 | <10 | <10 | 5 | <0.01 | <5 | <5 | 24.6 | <1 |
| L93N 94+50E | 0.016 | <1 | 1.5 | <10 | <5 | 7.6 | <10 | <10 | <5 | 0.02 | <5 | <5 | 31.0 | <1 |
| L93N 95+00E | 0.008 | <1 | 2.2 | <10 | <5 | 10.3 | <10 | <10 | 11 | 0.01 | <5 | <5 | 26.4 | <1 |
| L93N 95+50E | 0.035 | <1 | 0.8 | <10 | <5 | 7.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 36.2 | <1 |
| L93N 96+00E | 0.016 | <1 | 1.8 | <10 | <5 | 6.8 | <10 | <10 | 6 | 0.02 | <5 | <5 | 30.4 | <1 |
| L93N 96+50E | 0.012 | <1 | 1.0 | <10 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.1 | <1 |
| L93N 97+00E | 0.041 | <1 | 0.6 | <10 | <5 | 6.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.9 | <1 |
| L93N 97+50E | 0.014 | <1 | 2.1 | <10 | <5 | 6.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 22.8 | <1 |
| L93N 98+00E | 0.020 | <1 | 1.9 | <10 | <5 | 8.5 | <10 | <10 | 8 | 0.02 | <5 | <5 | 23.9 | <1 |
| L93N 98+50E | 0.023 | <1 | 2.6 | <10 | <5 | 10.5 | <10 | <10 | 16 | 0.01 | <5 | <5 | 24.2 | <1 |
| L93N 99+00E | 0.013 | <1 | 1.1 | <10 | <5 | 8.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 19.5 | <1 |
| L93N 99+50E | 0.017 | <1 | 2.0 | <10 | <5 | 8.7 | <10 | <10 | 7 | 0.01 | <5 | <5 | 28.9 | <1 |
| L93N 100+00E | 0.026 | <1 | 1.1 | <10 | <5 | 7.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.7 | <1 |
| L94N 85+00E | 0.024 | <1 | 0.6 | <10 | <5 | 5.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.4 | <1 |
| L94N 85+50E | 0.018 | <1 | 2.8 | <10 | <5 | 10.9 | <10 | <10 | 13 | <0.01 | <5 | <5 | 19.5 | <1 |
| L94N 86+00E | 0.014 | <1 | 4.6 | <10 | <5 | 13.0 | <10 | <10 | 18 | <0.01 | <5 | <5 | 21.0 | <1 |
| L94N 86+50E | 0.047 | <1 | <0.5 | <10 | <5 | 10.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.4 | <1 |
| L94N 87+00E | 0.026 | <1 | 1.1 | <10 | <5 | 7.6 | <10 | <10 | 6 | <0.01 | <5 | <5 | 22.1 | <1 |
| L94N 87+50E | 0.005 | <1 | 1.9 | <10 | <5 | 9.0 | <10 | <10 | 12 | <0.01 | <5 | <5 | 18.3 | <1 |
| L94N 88+00E | 0.024 | <1 | 1.3 | <10 | <5 | 8.0 | <10 | <10 | 6 | 0.01 | <5 | <5 | 27.6 | <1 |
| L94N 88+50E | 0.080 | <1 | 1.3 | <10 | <5 | 12.2 | <10 | <10 | 6 | <0.01 | <5 | <5 | 22.0 | <1 |
| L94N 89+00E | 0.013 | <1 | 1.7 | <10 | <5 | 7.8 | <10 | <10 | 10 | <0.01 | <5 | <5 | 21.2 | <1 |
| L94N 89+50E | 0.040 | <1 | 1.0 | <10 | <5 | 6.2 | <10 | <10 | <5 | 0.02 | <5 | <5 | 39.4 | <1 |
| L94N 90+00E | 0.039 | <1 | 1.0 | <10 | <5 | 8.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 31.3 | <1 |
| L94N 90+50E | 0.015 | <1 | 1.5 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 29.6 | <1 |
| L94N 91+00E | 0.051 | <1 | 1.2 | <10 | <5 | 5.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.6 | <1 |
| L94N 91+50E | 0.015 | <1 | 2.1 | <10 | <5 | 10.9 | <10 | <10 | 8 | 0.01 | <5 | <5 | 29.8 | <1 |
| L94N 92+00E | 0.011 | <1 | 2.8 | 11 | <5 | 9.8 | <10 | <10 | 13 | <0.01 | <5 | <5 | 25.7 | <1 |
| L94N 92+50E | 0.015 | <1 | 2.1 | <10 | <5 | 7.9 | <10 | <10 | 6 | 0.01 | <5 | <5 | 29.6 | <1 |
| L94N 93+00E | 0.014 | <1 | 1.7 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.2 | <1 |
| L94N 93+50E | <0.005 | <1 | 1.9 | <10 | <5 | 8.4 | <10 | <10 | 9 | <0.01 | <5 | <5 | 23.5 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L94N 94+00E | 0.017 | <1 | 1.1 | <10 | <5 | 6.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.6 | <1 |
| L94N 94+50E | 0.005 | <1 | 2.5 | <10 | <5 | 8.7 | <10 | <10 | 10 | <0.01 | <5 | <5 | 24.2 | <1 |
| L94N 95+00E | 0.027 | <1 | 0.8 | <10 | <5 | 6.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.4 | <1 |
| L94N 95+50E | 0.041 | <1 | 1.0 | <10 | <5 | 5.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.6 | <1 |
| L94N 96+00E | 0.025 | <1 | 1.2 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.5 | <1 |
| L94N 96+50E | 0.011 | <1 | 1.7 | <10 | <5 | 7.5 | <10 | <10 | 9 | <0.01 | <5 | <5 | 21.6 | <1 |
| L94N 97+00E | 0.011 | <1 | 1.5 | <10 | <5 | 7.2 | <10 | <10 | 8 | <0.01 | <5 | <5 | 21.5 | <1 |
| L94N 97+50E | 0.022 | <1 | 1.4 | <10 | <5 | 12.1 | <10 | <10 | 15 | <0.01 | <5 | <5 | 16.6 | <1 |
| L94N 98+00E | 0.024 | <1 | 0.8 | <10 | <5 | 5.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 22.0 | <1 |
| L94N 98+50E | 0.012 | <1 | 1.8 | <10 | <5 | 10.2 | <10 | <10 | 12 | 0.01 | <5 | <5 | 25.3 | <1 |
| L94N 99+00E | 0.012 | <1 | 1.5 | <10 | <5 | 7.1 | <10 | <10 | 12 | <0.01 | <5 | <5 | 25.1 | <1 |
| L94N 99+50E | 0.023 | <1 | 1.5 | <10 | <5 | 10.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 42.3 | <1 |
| L94N 100+00E | 0.018 | <1 | 1.3 | <10 | <5 | 7.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.5 | <1 |
| J103L15205 0+00SW | 0.014 | <1 | 1.3 | <10 | <5 | 5.9 | <10 | <10 | 11 | <0.01 | <5 | <5 | 20.6 | <1 |
| J103L15205 1+00SW | 0.036 | <1 | 2.8 | <10 | <5 | 13.6 | <10 | <10 | 14 | <0.01 | <5 | <5 | 22.7 | <1 |
| J103L15205 2+00SW | 0.018 | <1 | 5.0 | <10 | <5 | 7.9 | <10 | <10 | 21 | <0.01 | <5 | <5 | 22.0 | <1 |
| J103L15205 3+00SW | 0.019 | <1 | 1.6 | <10 | <5 | 6.9 | <10 | <10 | 7 | <0.01 | <5 | <5 | 19.2 | <1 |
| J103L15205 4+00SW | 0.017 | <1 | 1.6 | <10 | <5 | 7.0 | <10 | <10 | 8 | 0.01 | <5 | <5 | 23.3 | <1 |
| J103L15205 5+00SW | 0.010 | <1 | 3.7 | <10 | <5 | 8.3 | <10 | <10 | 22 | <0.01 | <5 | <5 | 24.6 | <1 |
| J103L15205 6+00SW | 0.012 | <1 | 2.5 | <10 | <5 | 10.2 | <10 | <10 | 11 | <0.01 | <5 | <5 | 24.6 | <1 |
| J103L15205 7+00SW | 0.018 | <1 | 0.9 | <10 | <5 | 9.9 | <10 | <10 | 8 | 0.02 | <5 | <5 | 28.8 | <1 |
| J103L15205 8+00SW | 0.013 | <1 | 1.2 | <10 | <5 | 7.8 | <10 | <10 | 12 | <0.01 | <5 | <5 | 20.0 | <1 |
| J103L15205 9+00SW | 0.026 | 3 | 3.9 | <10 | <5 | 4.8 | <10 | <10 | 12 | <0.01 | <5 | <5 | 14.2 | <1 |
| J103L15205 10+00SW | 0.027 | <1 | 1.7 | <10 | <5 | 9.3 | <10 | <10 | 10 | 0.01 | <5 | <5 | 26.9 | <1 |
| J103L15205 11+00SW | 0.011 | <1 | 0.9 | <10 | <5 | 4.8 | <10 | <10 | 6 | 0.01 | <5 | <5 | 23.5 | <1 |
| J103L15205 12+00SW | 0.023 | <1 | 1.5 | <10 | <5 | 8.3 | <10 | <10 | 8 | 0.01 | <5 | <5 | 26.7 | <1 |
| J103L15205 13+00SW | 0.009 | <1 | 1.1 | <10 | <5 | 7.4 | <10 | <10 | 9 | <0.01 | <5 | <5 | 26.0 | <1 |
| J103L15205 14+00SW | 0.012 | <1 | 1.7 | <10 | <5 | 5.7 | <10 | <10 | 10 | 0.01 | <5 | <5 | 27.4 | <1 |
| J103L15205 15+00SW | 0.008 | <1 | <0.5 | <10 | <5 | 2.1 | <10 | <10 | 17 | <0.01 | <5 | <5 | 6.2 | <1 |
| J103L15205 16+00SW | 0.035 | <1 | <0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.3 | <1 |
| J103L15205 17+00SW | 0.038 | <1 | 1.8 | <10 | <5 | 6.6 | <10 | <10 | 14 | <0.01 | <5 | <5 | 29.8 | <1 |
| J103L15205 18+00SW | 0.011 | <1 | 2.0 | <10 | <5 | 6.9 | <10 | <10 | 13 | <0.01 | <5 | <5 | 25.6 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| J103L15205 19+00SW | 0.007 | <1 | 2.4 | <10 | <5 | 10.0 | <10 | <10 | 13 | <0.01 | <5 | <5 | 26.4 | <1 |
| J103L15205 20+00SW | 0.033 | <1 | 1.6 | <10 | <5 | 7.1 | <10 | <10 | 14 | <0.01 | <5 | <5 | 31.1 | <1 |
| E5285560 | 0.069 | <1 | 1.8 | <10 | <5 | 34.5 | <10 | <10 | 12 | <0.01 | <5 | <5 | 14.8 | <1 |
| E5285561 | 0.084 | <1 | 1.8 | <10 | <5 | 27.9 | <10 | <10 | 12 | <0.01 | <5 | <5 | 15.3 | <1 |
| E5285562 | 0.073 | <1 | 1.9 | <10 | <5 | 31.9 | <10 | <10 | 13 | <0.01 | <5 | <5 | 14.3 | <1 |
| E5285563 | 0.036 | <1 | 1.7 | <10 | <5 | 23.8 | <10 | <10 | 8 | <0.01 | <5 | <5 | 19.7 | <1 |
| E5285564 | 0.091 | <1 | 1.4 | <10 | <5 | 20.9 | <10 | <10 | 6 | <0.01 | <5 | <5 | 17.6 | <1 |
| E5285565 | 0.058 | <1 | 2.0 | <10 | <5 | 32.1 | <10 | <10 | 12 | <0.01 | <5 | <5 | 15.5 | <1 |
| E5285566 | 0.056 | <1 | 1.9 | <10 | <5 | 28.7 | <10 | <10 | 12 | <0.01 | <5 | <5 | 15.2 | <1 |
| E5285567 | 0.042 | <1 | 1.6 | <10 | <5 | 25.7 | <10 | <10 | 12 | <0.01 | <5 | <5 | 14.4 | <1 |
| E5285568 | 0.043 | <1 | 2.2 | <10 | <5 | 24.1 | <10 | <10 | 12 | <0.01 | <5 | <5 | 15.6 | <1 |
| E5285569 | 0.054 | <1 | 2.0 | <10 | <5 | 31.1 | <10 | <10 | 11 | <0.01 | <5 | <5 | 15.1 | <1 |
| E5285570 | 0.055 | <1 | 1.9 | <10 | <5 | 28.7 | <10 | <10 | 11 | <0.01 | <5 | <5 | 15.0 | <1 |
| E5285571 | 0.049 | <1 | 1.8 | <10 | <5 | 26.9 | <10 | <10 | 14 | <0.01 | <5 | <5 | 15.1 | <1 |
| E5285572 | 0.033 | <1 | 1.7 | <10 | <5 | 19.8 | <10 | <10 | 15 | <0.01 | <5 | <5 | 15.8 | <1 |
| E5285574 | 0.055 | <1 | 2.8 | <10 | <5 | 18.4 | <10 | <10 | 32 | <0.01 | <5 | <5 | 23.5 | <1 |
| E5285575 | 0.058 | <1 | 2.4 | <10 | <5 | 14.7 | <10 | <10 | 28 | <0.01 | <5 | <5 | 20.2 | <1 |
| E5285576 | 0.121 | <1 | 2.8 | <10 | <5 | 10.4 | <10 | <10 | 43 | <0.01 | <5 | <5 | 23.2 | <1 |
| E5285577 | 0.024 | <1 | 2.2 | <10 | <5 | 10.0 | <10 | <10 | 21 | <0.01 | <5 | <5 | 18.7 | <1 |
| E5285578 | 0.052 | <1 | 2.3 | <10 | <5 | 13.1 | <10 | <10 | 25 | <0.01 | <5 | <5 | 21.3 | <1 |
| E5285579 | 0.033 | <1 | 2.1 | <10 | <5 | 11.1 | <10 | <10 | 23 | <0.01 | <5 | <5 | 18.6 | <1 |
| E5285580 | 0.026 | <1 | 1.5 | <10 | <5 | 9.9 | <10 | <10 | 20 | <0.01 | <5 | <5 | 18.1 | <1 |
| E5285581 | 0.024 | <1 | 2.0 | <10 | <5 | 10.3 | <10 | <10 | 17 | 0.01 | <5 | <5 | 19.7 | <1 |
| E5285582 | 0.037 | <1 | 2.4 | <10 | <5 | 11.9 | <10 | <10 | 25 | 0.01 | <5 | <5 | 20.7 | <1 |
| E5285583 | 0.081 | <1 | 2.5 | <10 | <5 | 10.5 | <10 | <10 | 31 | 0.02 | <5 | <5 | 21.1 | <1 |
| E5285584 | 0.024 | <1 | 2.2 | <10 | <5 | 16.1 | <10 | <10 | 26 | <0.01 | <5 | <5 | 17.3 | <1 |
| E5285585 | 0.033 | <1 | 2.3 | <10 | <5 | 11.8 | <10 | <10 | 22 | <0.01 | <5 | <5 | 18.5 | <1 |
| E5285586 | 0.061 | <1 | 1.5 | <10 | <5 | 12.1 | <10 | <10 | 7 | <0.01 | <5 | <5 | 21.4 | <1 |
| E5285587 | 0.033 | <1 | 1.2 | <10 | <5 | 11.5 | <10 | <10 | 7 | <0.01 | <5 | <5 | 17.8 | <1 |
| E5285588 | 0.014 | <1 | 1.5 | <10 | <5 | 8.1 | <10 | <10 | 12 | <0.01 | <5 | <5 | 19.1 | <1 |
| E5285589 | 0.014 | <1 | 2.1 | <10 | <5 | 10.3 | <10 | <10 | 21 | <0.01 | <5 | <5 | 19.2 | <1 |
| E5285590 | 0.016 | <1 | 3.4 | <10 | <5 | 10.3 | <10 | <10 | 15 | <0.01 | <5 | <5 | 22.1 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285591 | 0.016 | <1 | 2.6 | <10 | <5 | 6.5 | <10 | <10 | 10 | <0.01 | <5 | <5 | 19.1 | <1 |
| E5285592 | 0.014 | <1 | 3.9 | <10 | <5 | 14.8 | <10 | <10 | 17 | <0.01 | <5 | <5 | 22.3 | <1 |
| E5286110 | 0.029 | <1 | 1.1 | <10 | <5 | 9.7 | <10 | <10 | 16 | <0.01 | <5 | <5 | 17.5 | <1 |
| E5286111 | 0.021 | <1 | 1.2 | <10 | <5 | 7.7 | <10 | <10 | 22 | <0.01 | <5 | <5 | 14.6 | <1 |
| E5286112 | 0.020 | <1 | 0.9 | <10 | <5 | 8.2 | <10 | <10 | 14 | <0.01 | <5 | <5 | 14.8 | <1 |
| E5286113 | 0.020 | <1 | 0.9 | <10 | <5 | 7.9 | <10 | <10 | 11 | <0.01 | <5 | <5 | 17.8 | <1 |
| E5286114 | 0.029 | <1 | 1.6 | <10 | <5 | 7.6 | <10 | <10 | 20 | <0.01 | <5 | <5 | 20.5 | <1 |
| E5286115 | 0.027 | <1 | 1.0 | <10 | <5 | 7.1 | <10 | <10 | 13 | <0.01 | <5 | <5 | 23.0 | <1 |
| E5286116 | 0.021 | <1 | 1.5 | 11 | <5 | 6.5 | <10 | <10 | 13 | <0.01 | <5 | <5 | 20.2 | <1 |
| E5286117 | 0.028 | <1 | 1.6 | <10 | <5 | 8.3 | <10 | <10 | 8 | <0.01 | <5 | <5 | 21.7 | <1 |
| E5286118 | 0.010 | <1 | 2.9 | <10 | <5 | 4.7 | <10 | <10 | 20 | <0.01 | <5 | <5 | 20.2 | <1 |
| E5286119 | 0.011 | <1 | 1.5 | <10 | <5 | 8.4 | <10 | <10 | 11 | <0.01 | <5 | <5 | 19.3 | <1 |
| E5286120 | 0.012 | <1 | 2.6 | <10 | <5 | 7.5 | <10 | <10 | 14 | <0.01 | <5 | <5 | 22.4 | <1 |
| E5286121 | 0.007 | <1 | 2.1 | <10 | <5 | 5.3 | <10 | <10 | 11 | <0.01 | <5 | <5 | 21.2 | <1 |
| E5286122 | 0.007 | <1 | 2.3 | <10 | <5 | 7.6 | <10 | <10 | 12 | <0.01 | <5 | <5 | 23.3 | <1 |
| E5286123 | 0.009 | <1 | 3.4 | <10 | <5 | 9.8 | <10 | <10 | 20 | <0.01 | <5 | <5 | 23.7 | <1 |
| E5286124 | 0.014 | <1 | 3.3 | <10 | <5 | 8.7 | <10 | <10 | 15 | <0.01 | <5 | <5 | 23.0 | <1 |
| E5286125 | 0.012 | <1 | 2.8 | <10 | <5 | 9.5 | <10 | <10 | 13 | <0.01 | <5 | <5 | 21.0 | <1 |
| E5286126 | 0.006 | <1 | 3.1 | 10 | <5 | 6.5 | <10 | <10 | 15 | <0.01 | <5 | <5 | 23.8 | <1 |
| E5286127 | 0.010 | <1 | 2.2 | <10 | <5 | 9.5 | <10 | <10 | 11 | <0.01 | <5 | <5 | 18.1 | <1 |
| E5286128 | 0.008 | <1 | 2.2 | <10 | <5 | 14.7 | <10 | <10 | 12 | <0.01 | <5 | <5 | 18.2 | <1 |
| E5286129 | 0.009 | <1 | 2.8 | <10 | <5 | 9.6 | <10 | <10 | 16 | <0.01 | <5 | <5 | 22.6 | <1 |
| E5286130 | 0.011 | <1 | 2.0 | <10 | <5 | 9.8 | <10 | <10 | 9 | <0.01 | <5 | <5 | 19.9 | <1 |
| E5286060 | 0.027 | <1 | <0.5 | <10 | <5 | 5.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 13.1 | <1 |
| E5286061 | 0.016 | <1 | 1.5 | <10 | <5 | 10.3 | <10 | <10 | 8 | <0.01 | <5 | <5 | 13.9 | <1 |
| E5286062 | 0.029 | <1 | 2.1 | <10 | <5 | 9.8 | <10 | <10 | 7 | <0.01 | <5 | <5 | 14.3 | <1 |
| E5286063 | 0.011 | <1 | 2.7 | <10 | <5 | 22.6 | <10 | <10 | 9 | 0.01 | <5 | <5 | 19.8 | <1 |
| E5286064 | 0.032 | <1 | 1.5 | <10 | <5 | 5.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.9 | <1 |
| E5286065 | 0.016 | <1 | 1.7 | <10 | <5 | 8.4 | <10 | <10 | 8 | <0.01 | <5 | <5 | 14.5 | <1 |
| E5286066 | 0.050 | <1 | 1.6 | <10 | <5 | 14.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.3 | <1 |
| E5286067 | 0.038 | <1 | 3.4 | <10 | <5 | 24.5 | <10 | <10 | 7 | <0.01 | <5 | <5 | 15.0 | <1 |
| E5286068 | 0.014 | <1 | 1.7 | <10 | <5 | 7.5 | <10 | <10 | 9 | <0.01 | <5 | <5 | 20.4 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5286069 | 0.065 | <1 | <0.5 | <10 | <5 | 8.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.6 | <1 |
| E5286070 | 0.013 | <1 | 1.1 | <10 | <5 | 3.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 13.2 | <1 |
| E5286071 | 0.025 | <1 | 0.7 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.1 | <1 |
| E5286072 | 0.053 | <1 | <0.5 | <10 | <5 | 5.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.5 | <1 |
| E5286073 | 0.023 | <1 | 1.6 | <10 | <5 | 8.8 | <10 | <10 | 6 | <0.01 | <5 | <5 | 18.1 | <1 |
| E5286074 | 0.031 | 1 | 3.3 | <10 | <5 | 16.8 | <10 | <10 | 6 | <0.01 | <5 | <5 | 13.7 | <1 |
| E5286075 | 0.020 | <1 | 0.9 | <10 | <5 | 8.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.2 | <1 |
| E5286076 | 0.056 | <1 | 1.3 | <10 | <5 | 8.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.7 | <1 |
| E5286077 | 0.013 | <1 | 3.0 | <10 | <5 | 9.1 | <10 | <10 | 38 | <0.01 | <5 | <5 | 22.2 | <1 |
| E5286078 | 0.051 | <1 | 0.9 | <10 | <5 | 8.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 17.5 | <1 |
| E5286079 | 0.035 | <1 | 3.0 | <10 | <5 | 21.0 | <10 | <10 | 9 | <0.01 | <5 | <5 | 13.0 | <1 |
| E5286080 | 0.022 | <1 | 1.4 | <10 | <5 | 9.6 | <10 | <10 | 7 | 0.01 | <5 | <5 | 24.3 | <1 |
| E5286081 | 0.019 | <1 | 1.2 | <10 | <5 | 6.0 | <10 | <10 | 5 | 0.01 | <5 | <5 | 26.5 | <1 |
| E5286082 | 0.033 | <1 | 0.8 | <10 | <5 | 5.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.6 | <1 |
| E5286083 | 0.039 | <1 | 0.9 | <10 | <5 | 11.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 27.3 | <1 |
| E5286084 | 0.021 | <1 | 0.6 | <10 | <5 | 7.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.2 | <1 |
| E5286085 | 0.048 | <1 | 1.2 | <10 | <5 | 13.6 | <10 | <10 | <5 | 0.02 | <5 | <5 | 45.9 | <1 |
| E5286086 | 0.026 | <1 | 0.6 | <10 | <5 | 6.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.9 | <1 |
| E5286087 | 0.026 | <1 | 0.6 | <10 | <5 | 8.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.6 | <1 |
| E5286088 | 0.011 | <1 | 0.8 | <10 | <5 | 4.2 | <10 | <10 | 6 | 0.04 | <5 | <5 | 34.5 | <1 |
| E5286089 | 0.057 | <1 | <0.5 | <10 | <5 | 6.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 30.5 | <1 |
| E5286090 | 0.066 | <1 | <0.5 | <10 | <5 | 6.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 29.9 | <1 |
| E5286091 | 0.045 | <1 | <0.5 | <10 | <5 | 16.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 9.9 | <1 |
| E5286092 | 0.037 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 18.2 | <1 |
| E5286093 | 0.059 | <1 | <0.5 | <10 | <5 | 10.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 14.3 | <1 |
| E5286094 | 0.064 | <1 | <0.5 | <10 | <5 | 7.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.2 | <1 |
| E5286095 | 0.030 | <1 | 1.2 | <10 | <5 | 9.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 26.3 | <1 |
| E5286096 | 0.077 | <1 | 0.6 | <10 | <5 | 10.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.1 | <1 |
| E5286097 | 0.051 | <1 | 1.0 | <10 | <5 | 6.9 | <10 | <10 | 15 | <0.01 | <5 | <5 | 20.3 | <1 |
| E5286098 | 0.015 | <1 | 3.3 | <10 | <5 | 13.2 | <10 | <10 | 21 | <0.01 | <5 | <5 | 18.5 | <1 |
| E5286099 | 0.055 | <1 | <0.5 | <10 | <5 | 10.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.6 | <1 |
| E5286100 | 0.088 | 2 | <0.5 | <10 | <5 | 30.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 18.1 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5286101 | 0.059 | <1 | 1.6 | <10 | <5 | 43.9 | <10 | <10 | 7 | <0.01 | <5 | <5 | 12.8 | <1 |
| E5286102 | 0.026 | <1 | 1.2 | <10 | <5 | 5.9 | <10 | <10 | 7 | <0.01 | <5 | <5 | 8.3 | <1 |
| E5286103 | 0.023 | <1 | 1.1 | <10 | <5 | 8.4 | <10 | <10 | 7 | <0.01 | <5 | <5 | 14.2 | <1 |
| E5286104 | 0.031 | <1 | 0.7 | <10 | <5 | 15.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.2 | <1 |
| E5286105 | 0.043 | <1 | 1.9 | <10 | <5 | 33.8 | <10 | <10 | 12 | <0.01 | <5 | <5 | 14.9 | <1 |
| E5286106 | 0.146 | <1 | 1.7 | <10 | <5 | 44.9 | <10 | <10 | <5 | <0.01 | <5 | 6 | 18.5 | <1 |
| E5286107 | 0.091 | <1 | 0.5 | <10 | <5 | 10.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.7 | <1 |
| E5286108 | 0.053 | <1 | <0.5 | <10 | <5 | 4.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.2 | <1 |
| E5286109 | 0.052 | <1 | <0.5 | <10 | <5 | 7.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.7 | <1 |
| E5286560 | 0.022 | <1 | 1.2 | <10 | <5 | 6.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 33.0 | <1 |
| E5286561 | 0.019 | <1 | 0.6 | <10 | <5 | 11.5 | <10 | <10 | <5 | 0.02 | <5 | <5 | 38.4 | <1 |
| E5286562 | 0.029 | <1 | <0.5 | <10 | <5 | 5.5 | <10 | <10 | <5 | 0.03 | <5 | <5 | 30.2 | <1 |
| E5286563 | 0.033 | <1 | 0.7 | <10 | <5 | 7.1 | <10 | <10 | <5 | 0.02 | <5 | <5 | 24.5 | <1 |
| E5286564 | 0.032 | <1 | 0.9 | <10 | <5 | 9.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.0 | <1 |
| E5286565 | 0.039 | <1 | <0.5 | <10 | <5 | 4.4 | <10 | <10 | <5 | 0.02 | <5 | <5 | 33.9 | <1 |
| E5286566 | 0.044 | <1 | <0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 37.6 | <1 |
| E5286567 | 0.032 | <1 | 0.7 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.5 | <1 |
| E5286568 | <0.005 | <1 | 3.1 | <10 | <5 | 9.7 | <10 | <10 | 16 | 0.03 | <5 | <5 | 31.5 | <1 |
| E5286569 | 0.025 | <1 | <0.5 | <10 | <5 | 5.2 | <10 | <10 | <5 | 0.02 | <5 | <5 | 27.4 | <1 |
| E5286570 | 0.010 | <1 | 1.0 | <10 | <5 | 11.4 | <10 | <10 | <5 | 0.05 | <5 | <5 | 48.6 | <1 |
| E5286571 | 0.022 | <1 | 1.0 | <10 | <5 | 30.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.3 | <1 |
| E5286572 | 0.024 | <1 | 0.9 | <10 | <5 | 8.2 | <10 | <10 | <5 | 0.02 | <5 | <5 | 35.2 | <1 |
| E5286573 | 0.062 | <1 | <0.5 | <10 | <5 | 8.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 32.7 | <1 |
| E5286574 | 0.034 | <1 | <0.5 | <10 | <5 | 8.8 | <10 | <10 | <5 | 0.04 | <5 | <5 | 42.2 | <1 |
| E5286575 | 0.029 | <1 | <0.5 | <10 | <5 | 8.7 | <10 | <10 | <5 | 0.06 | <5 | <5 | 41.7 | <1 |
| E5286576 | 0.023 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | 0.07 | <5 | <5 | 35.5 | <1 |
| E5286577 | 0.037 | <1 | <0.5 | <10 | <5 | 8.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.6 | <1 |
| E5286578 | <0.005 | <1 | 1.7 | <10 | <5 | 37.1 | <10 | <10 | 19 | 0.03 | <5 | <5 | 29.6 | <1 |
| E5286579 | 0.007 | <1 | 1.9 | <10 | <5 | 27.2 | <10 | <10 | 20 | 0.08 | <5 | <5 | 46.1 | <1 |
| E5286580 | 0.008 | <1 | 1.4 | <10 | <5 | 4.3 | <10 | <10 | 12 | 0.05 | <5 | <5 | 27.6 | <1 |
| E5286581 | 0.023 | <1 | 1.0 | <10 | <5 | 7.2 | <10 | <10 | 6 | 0.01 | <5 | <5 | 22.8 | <1 |
| E5286582 | 0.010 | <1 | 1.4 | 10 | <5 | 4.0 | <10 | <10 | 8 | <0.01 | <5 | <5 | 20.4 | <1 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

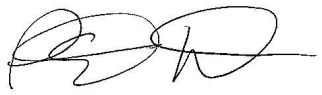
ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5286583 | 0.012 | <1 | 1.7 | <10 | <5 | 5.5 | <10 | <10 | 9 | 0.01 | <5 | <5 | 26.7 | <1 |
| E5286584 | 0.019 | <1 | 1.5 | <10 | <5 | 2.8 | <10 | <10 | 10 | 0.02 | <5 | <5 | 21.6 | <1 |
| E5286585 | <0.005 | <1 | 2.3 | <10 | <5 | 6.9 | <10 | <10 | 19 | <0.01 | <5 | <5 | 19.6 | <1 |
| E5286586 | 0.014 | <1 | 1.1 | <10 | <5 | 6.5 | <10 | <10 | 9 | 0.01 | <5 | <5 | 23.6 | <1 |
| E5286587 | 0.010 | <1 | 1.3 | 13 | <5 | 6.3 | <10 | <10 | 11 | 0.02 | <5 | <5 | 26.6 | <1 |
| E5286588 | 0.009 | <1 | 1.2 | <10 | <5 | 6.4 | <10 | <10 | 9 | 0.02 | <5 | <5 | 23.7 | <1 |
| E5286589 | 0.010 | <1 | 1.1 | <10 | <5 | 7.4 | <10 | <10 | 13 | 0.01 | <5 | <5 | 23.7 | <1 |
| E5286590 | 0.012 | <1 | 1.0 | <10 | <5 | 6.1 | <10 | <10 | 11 | 0.01 | <5 | <5 | 26.0 | <1 |
| E5286591 | 0.043 | <1 | 2.4 | <10 | <5 | 37.0 | <10 | <10 | 12 | <0.01 | <5 | <5 | 15.2 | <1 |
| E5286592 | 0.056 | 1 | <0.5 | <10 | <5 | 27.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.9 | <1 |
| E5286593 | 0.113 | <1 | 1.3 | <10 | <5 | 28.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.7 | <1 |
| E5286594 | 0.049 | <1 | 1.4 | <10 | <5 | 14.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.5 | <1 |
| E5286595 | 0.026 | <1 | <0.5 | <10 | <5 | 7.3 | <10 | <10 | <5 | 0.02 | <5 | <5 | 11.3 | <1 |
| E5286596 | 0.038 | <1 | 0.6 | <10 | <5 | 7.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 14.6 | <1 |
| E5286597 | 0.014 | <1 | 1.4 | <10 | <5 | 8.3 | <10 | <10 | 10 | <0.01 | <5 | <5 | 17.3 | <1 |
| E5286598 | 0.011 | <1 | 1.5 | <10 | <5 | 10.5 | <10 | <10 | 9 | <0.01 | <5 | <5 | 16.8 | <1 |
| E5286599 | 0.025 | <1 | <0.5 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 9.2 | <1 |
| E5286600 | 0.038 | <1 | <0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.0 | <1 |
| E5286601 | 0.012 | <1 | 1.6 | <10 | <5 | 10.0 | <10 | <10 | 11 | 0.01 | <5 | <5 | 20.1 | <1 |
| E5286602 | 0.066 | <1 | <0.5 | <10 | <5 | 9.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.2 | <1 |
| E5286603 | 0.074 | <1 | 0.7 | <10 | <5 | 27.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 14.0 | <1 |
| E5286604 | 0.043 | <1 | <0.5 | <10 | <5 | 8.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 7.2 | <1 |
| E5286605 | 0.079 | <1 | <0.5 | <10 | <5 | 9.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 13.6 | <1 |
| E5286606 | 0.069 | 1 | 2.5 | <10 | <5 | 67.7 | <10 | <10 | 11 | <0.01 | <5 | <5 | 11.8 | <1 |
| E5286607 | 0.045 | <1 | 2.9 | <10 | <5 | 25.6 | <10 | <10 | 6 | <0.01 | <5 | <5 | 13.6 | <1 |
| E5286608 | 0.121 | 1 | 0.9 | <10 | <5 | 43.7 | <10 | <10 | <5 | 0.02 | <5 | 5 | 8.9 | <1 |
| E5286609 | 0.033 | <1 | 3.3 | <10 | <5 | 37.1 | <10 | <10 | 13 | <0.01 | <5 | <5 | 14.2 | <1 |
| E5285660 | 0.017 | <1 | 1.8 | <10 | <5 | 10.4 | <10 | <10 | 20 | <0.01 | <5 | <5 | 14.1 | <1 |
| E5285661 | 0.024 | <1 | 1.7 | <10 | <5 | 11.5 | <10 | <10 | 13 | <0.01 | <5 | <5 | 12.7 | <1 |
| E5285662 | 0.024 | <1 | 3.0 | <10 | <5 | 12.4 | <10 | <10 | 20 | <0.01 | <5 | <5 | 16.6 | <1 |
| E5285663 | 0.028 | <1 | <0.5 | <10 | <5 | 7.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.9 | <1 |
| E5285664 | 0.068 | <1 | 1.1 | <10 | <5 | 27.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 22.5 | <1 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285665 | 0.014 | 1 | 1.0 | <10 | <5 | 8.6 | <10 | <10 | 13 | <0.01 | <5 | <5 | 7.7 | <1 |

Certified By:



Results relate only to the items tested

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L87N 85+00E | 4 | 73.6 | <5 |
| L87N 85+50E | 2 | 70.3 | <5 |
| L87N 86+00E | 2 | 52.8 | <5 |
| L87N 86+50E | 2 | 48.6 | <5 |
| L87N 87+00E | 6 | 89.2 | <5 |
| L87N 87+50E | 7 | 83.2 | <5 |
| L87N 88+00E | 3 | 80.3 | <5 |
| L87N 88+50E | 5 | 103 | <5 |
| L87N 89+00E | 2 | 88.2 | <5 |
| L87N 89+50E | 1 | 65.5 | <5 |
| L87N 90+00E | 2 | 54.0 | <5 |
| L87N 90+50E | 1 | 60.4 | <5 |
| L87N 91+00E | 2 | 44.0 | <5 |
| L87N 91+50E | 4 | 89.9 | <5 |
| L87N 92+00E | 5 | 135 | <5 |
| L87N 92+50E | 4 | 89.8 | <5 |
| L87N 93+00E | 2 | 75.4 | <5 |
| L87N 93+50E | 1 | 46.1 | <5 |
| L87N 94+00E | 2 | 51.2 | <5 |
| L87N 94+50E | 3 | 80.0 | <5 |
| L87N 95+00E | 4 | 80.4 | <5 |
| L87N 95+50E | 2 | 98.7 | <5 |
| L87N 96+00E | 3 | 90.8 | <5 |
| L87N 96+50E | 2 | 51.5 | <5 |
| L87N 97+00E | 2 | 60.0 | <5 |
| L87N 97+50E | 2 | 71.3 | <5 |
| L87N 98+00E | 1 | 28.9 | <5 |
| L87N 98+50E | 2 | 51.9 | <5 |
| L87N 99+00E | 2 | 63.8 | <5 |
| L87N 99+50E | 1 | 60.9 | <5 |
| L87N 100+00E | 3 | 87.2 | <5 |
| L87N 100+50E | <1 | 38.4 | <5 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L87N 101+00E | 2 | 64.9 | <5 |
| L87N 101+50E | 2 | 68.1 | <5 |
| L87N 102+00E | 3 | 86.6 | <5 |
| L87N 102+50E | 2 | 81.1 | <5 |
| L87N 103+00E | 3 | 73.4 | <5 |
| L87N 103+50E | 2 | 46.9 | <5 |
| L87N 104+00E | 2 | 66.5 | <5 |
| L87N 104+50E | 2 | 50.8 | <5 |
| L87N 105+00E | 2 | 38.2 | <5 |
| L87N 105+50E | 5 | 93.9 | <5 |
| L87N 106+00E | 22 | 28.3 | <5 |
| L87N 106+50E | 10 | 102 | <5 |
| L87N 107+00E | 7 | 80.9 | <5 |
| L87N 107+50E | 12 | 141 | <5 |
| L87N 108+00E | 6 | 123 | <5 |
| L87N 108+50E | 3 | 89.3 | <5 |
| L87N 109+00E | 8 | 84.0 | <5 |
| L88N 85+00E | 5 | 48.9 | <5 |
| L88N 85+50E | 5 | 70.0 | <5 |
| L88N 86+00E | 11 | 76.5 | <5 |
| L88N 86+50E | 15 | 85.9 | <5 |
| L88N 87+00E | 6 | 83.3 | <5 |
| L88N 87+50E | 9 | 90.8 | <5 |
| L88N 88+00E | 2 | 59.1 | <5 |
| L88N 88+50E | 2 | 59.7 | <5 |
| L88N 89+00E | 1 | 76.6 | <5 |
| L88N 89+50E | <1 | 22.5 | <5 |
| L88N 90+00E | 3 | 77.8 | <5 |
| L88N 90+50E | 3 | 85.4 | <5 |
| L88N 91+00E | 3 | 75.2 | <5 |
| L88N 91+50E | 2 | 71.6 | <5 |
| L88N 92+00E | 3 | 68.8 | <5 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L88N 92+50E | 14 | 209 | <5 |
| L88N 93+00E | 3 | 83.3 | <5 |
| L88N 93+50E | 2 | 74.5 | <5 |
| L88N 94+00E | 3 | 82.9 | <5 |
| L88N 94+50E | 2 | 36.9 | <5 |
| L88N 95+00E | 4 | 111 | <5 |
| L88N 95+50E | 2 | 92.8 | <5 |
| L88N 96+00E | 3 | 70.0 | <5 |
| L88N 96+50E | 3 | 82.7 | <5 |
| L88N 97+00E | 3 | 94.6 | <5 |
| L88N 97+50E | 3 | 70.1 | <5 |
| L88N 98+00E | 2 | 64.0 | <5 |
| L88N 98+50E | 4 | 119 | <5 |
| L88N 99+00E | 3 | 85.7 | <5 |
| L88N 99+50E | 11 | 125 | <5 |
| L89N 85+00E | 4 | 80.5 | <5 |
| L89N 85+50E | 5 | 90.3 | <5 |
| L89N 86+00E | 3 | 107 | <5 |
| L89N 86+50E | 6 | 108 | <5 |
| L89N 87+00E | 5 | 125 | 9 |
| L89N 87+50E | 6 | 120 | <5 |
| L89N 88+00E | 3 | 106 | 7 |
| L89N 88+50E | 3 | 107 | <5 |
| L89N 89+00E | 5 | 131 | <5 |
| L89N 89+50E | 3 | 77.9 | <5 |
| L89N 90+00E | 5 | 91.0 | <5 |
| L89N 90+50E | 4 | 79.8 | <5 |
| L89N 91+00E | 11 | 168 | <5 |
| L89N 91+50E | 2 | 73.1 | <5 |
| L89N 92+00E | 3 | 75.9 | <5 |
| L89N 92+50E | 2 | 71.1 | <5 |
| L89N 93+00E | 3 | 103 | <5 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L89N 93+50E | nss | nss | nss |
| L89N 94+00E | 3 | 109 | <5 |
| L89N 94+50E | 3 | 64.5 | <5 |
| L89N 95+00E | 2 | 33.3 | <5 |
| L89N 95+50E | 4 | 108 | <5 |
| L89N 96+00E | 4 | 111 | <5 |
| L89N 96+50E | 5 | 102 | <5 |
| L89N 97+00E | 3 | 55.8 | <5 |
| L89N 97+50E | 2 | 61.9 | <5 |
| L89N 98+00E | 4 | 84.5 | <5 |
| L89N 98+50E | 7 | 116 | <5 |
| L89N 99+00E | 9 | 130 | <5 |
| L89N 99+50E | 17 | 186 | <5 |
| L89N 100+00E | 6 | 128 | <5 |
| L89N 100+50E | 3 | 102 | <5 |
| L89N 101+00E | 3 | 106 | <5 |
| L89N 101+50E | 3 | 113 | <5 |
| L89N 102+00E | 3 | 74.3 | <5 |
| L89N 102+50E | 2 | 70.8 | <5 |
| L89N 103+00E | 2 | 41.5 | <5 |
| L89N 103+50E | 2 | 73.1 | <5 |
| L89N 104+00E | 2 | 63.3 | <5 |
| L89N 104+50E | 2 | 63.9 | <5 |
| L89N 105+00E | 5 | 111 | <5 |
| L89N 105+50E | 12 | 68.6 | <5 |
| L89N 106+00E | 6 | 56.6 | <5 |
| L89N 106+50E | 2 | 31.7 | <5 |
| L89N 107+00E | 2 | 40.5 | <5 |
| L89N 107+50E | 51 | 129 | <5 |
| L89N 108+00E | 43 | 139 | <5 |
| L89N 108+50E | 9 | 112 | <5 |
| L89N 109+00E | 8 | 103 | <5 |

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| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L90N 85+00E | 4 | 67.1 | <5 |
| L90N 85+50E | 7 | 129 | <5 |
| L90N 86+00E | 3 | 38.3 | <5 |
| L90N 86+50E | 7 | 101 | <5 |
| L90N 87+00E | 5 | 64.6 | <5 |
| L90N 87+50E | 7 | 102 | <5 |
| L90N 88+00E | 9 | 84.4 | <5 |
| L90N 88+50E | 7 | 106 | <5 |
| L90N 89+00E | <1 | 9.3 | <5 |
| L90N 89+50E | 4 | 92.7 | <5 |
| L90N 90+00E | 4 | 70.6 | <5 |
| L90N 90+50E | 2 | 42.0 | <5 |
| L90N 91+00E | 5 | 84.7 | <5 |
| L90N 91+50E | 2 | 40.0 | <5 |
| L90N 92+00E | 2 | 99.8 | <5 |
| L90N 92+50E | 4 | 117 | <5 |
| L90N 93+00E | 3 | 105 | <5 |
| L90N 93+50E | 8 | 174 | <5 |
| L90N 94+00E | 5 | 107 | <5 |
| L90N 94+50E | 2 | 51.5 | <5 |
| L90N 95+00E | 7 | 128 | <5 |
| L90N 95+50E | 5 | 75.1 | <5 |
| L90N 96+00E | 3 | 53.3 | <5 |
| L90N 96+50E | 5 | 111 | <5 |
| L90N 97+00E | 3 | 58.9 | <5 |
| L90N 97+50E | 3 | 80.9 | <5 |
| L90N 98+00E | 4 | 114 | <5 |
| L90N 98+50E | 6 | 50.5 | <5 |
| L90N 99+00E | 2 | 91.1 | <5 |
| L90N 99+50E | 2 | 73.8 | <5 |
| L90N 100+00E | 1 | 61.2 | <5 |
| L91N 85+00E | 3 | 93.3 | <5 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L91N 85+50E | 5 | 91.7 | <5 |
| L91N 86+00E | 2 | 42.0 | <5 |
| L91N 86+50E | 4 | 33.7 | <5 |
| L91N 87+00E | 2 | 15.8 | <5 |
| L91N 87+50E | 4 | 87.3 | <5 |
| L91N 88+00E | 5 | 107 | <5 |
| L91N 88+50E | 5 | 81.3 | <5 |
| L91N 89+00E | 5 | 72.2 | <5 |
| L91N 89+50E | 4 | 69.4 | <5 |
| L91N 90+00E | 4 | 66.3 | <5 |
| L91N 90+50E | 4 | 55.4 | <5 |
| L91N 91+00E | 3 | 52.7 | <5 |
| L91N 91+50E | 4 | 47.4 | <5 |
| L91N 92+00E | 2 | 82.1 | <5 |
| L91N 92+50E | 3 | 99.9 | <5 |
| L91N 93+00E | 1 | 51.5 | <5 |
| L91N 93+50E | 4 | 79.6 | <5 |
| L91N 94+00E | 5 | 113 | <5 |
| L91N 94+50E | 3 | 83.4 | <5 |
| L91N 95+00E | 4 | 118 | <5 |
| L91N 95+50E | 3 | 108 | <5 |
| L91N 96+00E | 2 | 39.2 | <5 |
| L91N 96+50E | 1 | 17.3 | <5 |
| L91N 97+00E | 1 | 71.9 | <5 |
| L91N 97+50E | 2 | 92.8 | <5 |
| L91N 98+00E | 2 | 112 | <5 |
| L91N 98+50E | 2 | 90.4 | <5 |
| L91N 99+00E | 2 | 38.0 | <5 |
| L91N 99+50E | 3 | 110 | <5 |
| L91N 100+00E | 3 | 77.2 | <5 |
| L91N 100+50E | 3 | 83.2 | <5 |
| L91N 101+00E | 3 | 85.2 | <5 |

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| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L91N 101+50E | 3 | 75.6 | <5 |
| L91N 102+00E | 3 | 84.2 | <5 |
| L91N 102+50E | 2 | 56.6 | <5 |
| L91N 103+00E | 2 | 64.6 | <5 |
| L91N 103+50E | 2 | 65.6 | <5 |
| L91N 104+00E | 2 | 65.3 | <5 |
| L91N 104+50E | 2 | 57.0 | <5 |
| L91N 105+00E | 2 | 56.2 | <5 |
| L91N 105+50E | 3 | 61.5 | <5 |
| L91N 106+00E | 2 | 81.4 | <5 |
| L91N 106+50E | 2 | 56.7 | <5 |
| L91N 107+00E | 5 | 109 | <5 |
| L91N 107+50E | 2 | 86.5 | <5 |
| L91N 108+00E | 4 | 106 | <5 |
| L91N 108+50E | 11 | 59.5 | <5 |
| L91N 109+00E | 6 | 108 | <5 |
| L92N 85+00E | 4 | 118 | <5 |
| L92N 85+50E | 7 | 105 | <5 |
| L92N 86+00E | 14 | 104 | <5 |
| L92N 86+50E | 4 | 46.9 | <5 |
| L92N 87+00E | 8 | 105 | <5 |
| L92N 87+50E | 5 | 114 | <5 |
| L92N 88+00E | 5 | 64.4 | <5 |
| L92N 88+50E | 9 | 102 | <5 |
| L92N 89+00E | 6 | 98.1 | <5 |
| L92N 89+50E | 5 | 64.8 | <5 |
| L92N 90+00E | 7 | 124 | <5 |
| L92N 90+50E | 6 | 98.6 | <5 |
| L92N 91+00E | 3 | 68.7 | <5 |
| L92N 91+50E | 5 | 109 | <5 |
| L92N 92+00E | 3 | 83.5 | <5 |
| L92N 92+50E | 4 | 114 | <5 |

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| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L92N 93+00E | 1 | 76.3 | <5 |
| L92N 93+50E | 3 | 84.2 | <5 |
| L92N 94+00E | 3 | 103 | <5 |
| L92N 94+50E | 4 | 107 | <5 |
| L92N 95+00E | 2 | 110 | <5 |
| L92N 95+50E | 2 | 101 | <5 |
| L92N 96+00E | 2 | 91.2 | <5 |
| L92N 96+50E | 5 | 106 | <5 |
| L92N 97+00E | 2 | 77.2 | <5 |
| L92N 97+50E | 2 | 95.1 | <5 |
| L92N 98+00E | 3 | 123 | <5 |
| L92N 98+50E | 2 | 92.3 | <5 |
| L92N 99+00E | 5 | 89.9 | <5 |
| L92N 99+50E | 2 | 74.3 | <5 |
| L92N 100+00E | nss | nss | nss |
| L93N 85+00E | 5 | 100 | <5 |
| L93N 85+50E | 10 | 101 | <5 |
| L93N 86+00E | 2 | 16.5 | <5 |
| L93N 86+50E | 16 | 198 | <5 |
| L93N 87+00E | 12 | 116 | <5 |
| L93N 87+50E | 12 | 120 | <5 |
| L93N 88+00E | 7 | 87.3 | <5 |
| L93N 88+50E | 6 | 94.7 | <5 |
| L93N 89+00E | 7 | 121 | <5 |
| L93N 89+50E | 5 | 101 | <5 |
| L93N 90+00E | 3 | 54.8 | <5 |
| L93N 90+50E | 4 | 81.1 | <5 |
| L93N 91+00E | 5 | 76.4 | <5 |
| L93N 91+50E | 5 | 104 | <5 |
| L93N 92+00E | 7 | 108 | <5 |
| L93N 92+50E | 7 | 102 | <5 |
| L93N 93+00E | 6 | 85.6 | <5 |

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| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L93N 93+50E | 6 | 90.9 | <5 |
| L93N 94+00E | 5 | 89.6 | <5 |
| L93N 94+50E | 4 | 91.6 | <5 |
| L93N 95+00E | 6 | 101 | <5 |
| L93N 95+50E | 3 | 81.7 | <5 |
| L93N 96+00E | 3 | 92.4 | <5 |
| L93N 96+50E | 4 | 67.0 | <5 |
| L93N 97+00E | 2 | 62.8 | <5 |
| L93N 97+50E | 3 | 89.8 | <5 |
| L93N 98+00E | 7 | 92.8 | <5 |
| L93N 98+50E | 6 | 97.3 | <5 |
| L93N 99+00E | 4 | 60.7 | <5 |
| L93N 99+50E | 5 | 90.0 | <5 |
| L93N 100+00E | 4 | 82.2 | <5 |
| L94N 85+00E | 3 | 55.4 | <5 |
| L94N 85+50E | 19 | 89.2 | <5 |
| L94N 86+00E | 19 | 115 | 8 |
| L94N 86+50E | 4 | 53.1 | <5 |
| L94N 87+00E | 4 | 71.8 | <5 |
| L94N 87+50E | 7 | 87.4 | <5 |
| L94N 88+00E | 6 | 83.6 | <5 |
| L94N 88+50E | 9 | 71.7 | <5 |
| L94N 89+00E | 5 | 98.6 | <5 |
| L94N 89+50E | 3 | 55.1 | <5 |
| L94N 90+00E | 4 | 82.2 | <5 |
| L94N 90+50E | 5 | 111 | <5 |
| L94N 91+00E | 3 | 82.9 | <5 |
| L94N 91+50E | 6 | 103 | <5 |
| L94N 92+00E | 10 | 122 | <5 |
| L94N 92+50E | 6 | 105 | <5 |
| L94N 93+00E | 5 | 97.6 | <5 |
| L94N 93+50E | 6 | 93.6 | <5 |

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| L94N 94+00E | 4 | 72.1 | <5 |
| L94N 94+50E | 9 | 102 | <5 |
| L94N 95+00E | 3 | 68.8 | <5 |
| L94N 95+50E | 3 | 72.5 | <5 |
| L94N 96+00E | 3 | 80.6 | <5 |
| L94N 96+50E | 11 | 85.2 | <5 |
| L94N 97+00E | 5 | 92.9 | <5 |
| L94N 97+50E | 8 | 65.3 | <5 |
| L94N 98+00E | 4 | 66.3 | <5 |
| L94N 98+50E | 9 | 131 | <5 |
| L94N 99+00E | 5 | 120 | <5 |
| L94N 99+50E | 5 | 88.9 | <5 |
| L94N 100+00E | 4 | 96.8 | <5 |
| J103L15205 0+00SW | 6 | 101 | <5 |
| J103L15205 1+00SW | 24 | 134 | <5 |
| J103L15205 2+00SW | 19 | 136 | <5 |
| J103L15205 3+00SW | 7 | 126 | <5 |
| J103L15205 4+00SW | 6 | 78.2 | <5 |
| J103L15205 5+00SW | 10 | 152 | 6 |
| J103L15205 6+00SW | 7 | 119 | <5 |
| J103L15205 7+00SW | 4 | 70.2 | <5 |
| J103L15205 8+00SW | 7 | 102 | <5 |
| J103L15205 9+00SW | 9 | 30.1 | <5 |
| J103L15205 10+00SW | 5 | 104 | <5 |
| J103L15205 11+00SW | 3 | 32.3 | <5 |
| J103L15205 12+00SW | 7 | 80.2 | <5 |
| J103L15205 13+00SW | 4 | 55.2 | <5 |
| J103L15205 14+00SW | 4 | 65.6 | <5 |
| J103L15205 15+00SW | 2 | 29.4 | <5 |
| J103L15205 16+00SW | 3 | 46.6 | <5 |
| J103L15205 17+00SW | 3 | 83.6 | <5 |
| J103L15205 18+00SW | 4 | 121 | <5 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752
PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| J103L15205 19+00SW | 5 | 120 | <5 |
| J103L15205 20+00SW | 5 | 135 | <5 |
| E5285560 | 7 | 89.7 | <5 |
| E5285561 | 7 | 88.9 | <5 |
| E5285562 | 7 | 86.4 | <5 |
| E5285563 | 7 | 112 | <5 |
| E5285564 | 7 | 98.1 | <5 |
| E5285565 | 8 | 93.6 | <5 |
| E5285566 | 7 | 91.6 | <5 |
| E5285567 | 6 | 90.2 | <5 |
| E5285568 | 9 | 119 | <5 |
| E5285569 | 7 | 95.5 | <5 |
| E5285570 | 7 | 93.4 | <5 |
| E5285571 | 7 | 89.1 | <5 |
| E5285572 | 7 | 85.9 | <5 |
| E5285574 | 8 | 107 | 6 |
| E5285575 | 7 | 104 | <5 |
| E5285576 | 7 | 110 | 6 |
| E5285577 | 9 | 89.8 | <5 |
| E5285578 | 9 | 98.7 | 5 |
| E5285579 | 11 | 106 | <5 |
| E5285580 | 9 | 89.0 | <5 |
| E5285581 | 12 | 88.2 | <5 |
| E5285582 | 14 | 104 | <5 |
| E5285583 | 7 | 90.1 | <5 |
| E5285584 | 13 | 102 | <5 |
| E5285585 | 11 | 92.8 | <5 |
| E5285586 | 6 | 88.0 | <5 |
| E5285587 | 9 | 94.4 | <5 |
| E5285588 | 6 | 92.8 | <5 |
| E5285589 | 7 | 98.8 | <5 |
| E5285590 | 10 | 117 | <5 |

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| E5285591 | 10 | 94.7 | <5 |
| E5285592 | 9 | 116 | 9 |
| E5286110 | 11 | 77.8 | <5 |
| E5286111 | 11 | 78.9 | <5 |
| E5286112 | 6 | 67.5 | <5 |
| E5286113 | 6 | 63.1 | <5 |
| E5286114 | 7 | 89.9 | <5 |
| E5286115 | 5 | 65.1 | <5 |
| E5286116 | 7 | 84.1 | <5 |
| E5286117 | 7 | 80.6 | <5 |
| E5286118 | 10 | 95.4 | <5 |
| E5286119 | 11 | 84.4 | <5 |
| E5286120 | 8 | 114 | <5 |
| E5286121 | 5 | 98.8 | <5 |
| E5286122 | 6 | 107 | <5 |
| E5286123 | 9 | 119 | 5 |
| E5286124 | 10 | 114 | <5 |
| E5286125 | 8 | 104 | <5 |
| E5286126 | 5 | 99.8 | 7 |
| E5286127 | 11 | 90.8 | <5 |
| E5286128 | 13 | 86.3 | <5 |
| E5286129 | 10 | 105 | <5 |
| E5286130 | 10 | 88.1 | <5 |
| E5286060 | 1 | 28.7 | <5 |
| E5286061 | 7 | 102 | <5 |
| E5286062 | 7 | 66.9 | <5 |
| E5286063 | 9 | 71.6 | <5 |
| E5286064 | 5 | 63.2 | <5 |
| E5286065 | 8 | 60.1 | <5 |
| E5286066 | 6 | 69.2 | <5 |
| E5286067 | 14 | 97.0 | <5 |
| E5286068 | 7 | 83.7 | <5 |

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| E5286069 | 3 | 57.9 | <5 |
| E5286070 | 5 | 54.5 | <5 |
| E5286071 | 5 | 88.3 | <5 |
| E5286072 | 4 | 31.2 | <5 |
| E5286073 | 9 | 50.1 | <5 |
| E5286074 | 21 | 37.2 | <5 |
| E5286075 | 6 | 65.3 | <5 |
| E5286076 | 7 | 103 | <5 |
| E5286077 | 14 | 123 | <5 |
| E5286078 | 5 | 63.1 | <5 |
| E5286079 | 19 | 86.9 | <5 |
| E5286080 | 6 | 144 | <5 |
| E5286081 | 4 | 93.3 | <5 |
| E5286082 | 3 | 62.6 | <5 |
| E5286083 | 3 | 75.1 | <5 |
| E5286084 | 1 | 60.9 | <5 |
| E5286085 | 5 | 129 | <5 |
| E5286086 | 6 | 68.4 | <5 |
| E5286087 | 6 | 67.2 | <5 |
| E5286088 | 2 | 67.2 | <5 |
| E5286089 | 2 | 48.1 | <5 |
| E5286090 | 2 | 68.1 | <5 |
| E5286091 | 3 | 12.8 | <5 |
| E5286092 | 2 | 28.3 | <5 |
| E5286093 | 10 | 23.2 | <5 |
| E5286094 | 2 | 41.2 | <5 |
| E5286095 | 4 | 67.5 | <5 |
| E5286096 | 3 | 57.0 | <5 |
| E5286097 | 3 | 77.5 | <5 |
| E5286098 | 9 | 185 | <5 |
| E5286099 | 6 | 55.2 | <5 |
| E5286100 | 3 | 60.6 | <5 |

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DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| E5286101 | 8 | 64.3 | <5 |
| E5286102 | 8 | 84.5 | <5 |
| E5286103 | 5 | 77.1 | <5 |
| E5286104 | 3 | 65.9 | <5 |
| E5286105 | 9 | 57.6 | <5 |
| E5286106 | 16 | 56.4 | <5 |
| E5286107 | 6 | 67.7 | <5 |
| E5286108 | 3 | 57.2 | <5 |
| E5286109 | 3 | 69.1 | <5 |
| E5286560 | 2 | 98.9 | <5 |
| E5286561 | 1 | 93.5 | <5 |
| E5286562 | 2 | 53.3 | <5 |
| E5286563 | 3 | 70.2 | <5 |
| E5286564 | 2 | 100 | <5 |
| E5286565 | 1 | 70.8 | <5 |
| E5286566 | 3 | 52.6 | <5 |
| E5286567 | 3 | 55.1 | <5 |
| E5286568 | 4 | 96.0 | 5 |
| E5286569 | 2 | 54.7 | <5 |
| E5286570 | 2 | 82.9 | <5 |
| E5286571 | 2 | 87.4 | <5 |
| E5286572 | 2 | 74.4 | <5 |
| E5286573 | 2 | 45.8 | <5 |
| E5286574 | 2 | 38.2 | <5 |
| E5286575 | 2 | 41.6 | <5 |
| E5286576 | 2 | 43.8 | <5 |
| E5286577 | 2 | 48.4 | <5 |
| E5286578 | 4 | 67.7 | <5 |
| E5286579 | 4 | 110 | <5 |
| E5286580 | 6 | 78.8 | <5 |
| E5286581 | 5 | 75.9 | <5 |
| E5286582 | 6 | 77.7 | <5 |

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| E5286583 | 10 | 63.6 | <5 |
| E5286584 | 12 | 91.3 | <5 |
| E5286585 | 21 | 114 | <5 |
| E5286586 | 5 | 102 | <5 |
| E5286587 | 6 | 71.6 | <5 |
| E5286588 | 7 | 66.3 | <5 |
| E5286589 | 3 | 67.9 | <5 |
| E5286590 | 3 | 48.1 | <5 |
| E5286591 | 9 | 134 | <5 |
| E5286592 | 3 | 47.9 | <5 |
| E5286593 | 5 | 56.4 | <5 |
| E5286594 | 14 | 72.9 | <5 |
| E5286595 | <1 | 22.9 | <5 |
| E5286596 | 5 | 46.3 | <5 |
| E5286597 | 6 | 63.7 | <5 |
| E5286598 | 7 | 82.9 | <5 |
| E5286599 | <1 | 8.4 | <5 |
| E5286600 | 2 | 56.1 | <5 |
| E5286601 | 7 | 97.8 | <5 |
| E5286602 | 5 | 106 | <5 |
| E5286603 | 6 | 54.9 | <5 |
| E5286604 | 2 | 9.9 | <5 |
| E5286605 | 6 | 29.0 | <5 |
| E5286606 | 10 | 100 | <5 |
| E5286607 | 12 | 86.0 | <5 |
| E5286608 | 6 | 46.9 | <5 |
| E5286609 | 13 | 115 | <5 |
| E5285660 | 8 | 158 | <5 |
| E5285661 | 6 | 101 | <5 |
| E5285662 | 12 | 112 | <5 |
| E5285663 | 2 | 57.5 | <5 |
| E5285664 | 5 | 73.4 | <5 |

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr |
|---|---|---|---|
| Unit: | ppm | ppm | ppm |
| Sample Description RDL: | 1 | 0.5 | 5 |
| E5285665 | 3 | 27.2 | <5 |

Comments: RDL - Reported Detection Limit

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L87N 85+00E | 0.580 | 0.323 |
| L87N 85+50E | 0.594 | 0.004 |
| L87N 86+00E | 0.548 | 0.003 |
| L87N 86+50E | 0.692 | 0.003 |
| L87N 87+00E | 0.726 | 0.004 |
| L87N 87+50E | 0.824 | 0.005 |
| L87N 88+00E | 0.534 | 0.006 |
| L87N 88+50E | 0.740 | 0.005 |
| L87N 89+00E | 0.670 | 0.004 |
| L87N 89+50E | 0.646 | 0.004 |
| L87N 90+00E | 0.586 | 0.003 |
| L87N 90+50E | 0.646 | 0.013 |
| L87N 91+00E | 0.654 | 0.006 |
| L87N 91+50E | 0.610 | 0.006 |
| L87N 92+00E | 0.698 | 0.012 |
| L87N 92+50E | 0.772 | 0.004 |
| L87N 93+00E | 0.648 | 0.006 |
| L87N 93+50E | 0.628 | 0.003 |
| L87N 94+00E | 0.450 | 0.005 |
| L87N 94+50E | 0.498 | 0.011 |
| L87N 95+00E | 0.624 | 0.004 |
| L87N 95+50E | 0.640 | 0.013 |
| L87N 96+00E | 0.604 | <0.002 |
| L87N 96+50E | 0.636 | <0.002 |
| L87N 97+00E | 0.602 | 0.008 |
| L87N 97+50E | 0.540 | 0.005 |
| L87N 98+00E | 0.442 | 0.002 |
| L87N 98+50E | 0.632 | <0.002 |
| L87N 99+00E | 0.542 | 0.012 |
| L87N 99+50E | 0.564 | <0.002 |
| L87N 100+00E | 0.648 | 0.005 |
| L87N 100+50E | 0.510 | <0.002 |

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L87N 101+00E | 0.546 | <0.002 |
| L87N 101+50E | 0.510 | <0.002 |
| L87N 102+00E | 0.530 | <0.002 |
| L87N 102+50E | 0.568 | <0.002 |
| L87N 103+00E | 0.584 | <0.002 |
| L87N 103+50E | 0.580 | <0.002 |
| L87N 104+00E | 0.612 | 0.005 |
| L87N 104+50E | 0.532 | <0.002 |
| L87N 105+00E | 0.608 | <0.002 |
| L87N 105+50E | 0.620 | 0.010 |
| L87N 106+00E | 0.468 | <0.002 |
| L87N 106+50E | 0.604 | 0.013 |
| L87N 107+00E | 0.590 | 0.003 |
| L87N 107+50E | 0.548 | 0.002 |
| L87N 108+00E | 0.616 | <0.002 |
| L87N 108+50E | 0.636 | <0.002 |
| L87N 109+00E | 0.592 | <0.002 |
| L88N 85+00E | 0.576 | <0.002 |
| L88N 85+50E | 0.622 | 0.003 |
| L88N 86+00E | 0.660 | <0.002 |
| L88N 86+50E | 0.620 | 0.005 |
| L88N 87+00E | 0.616 | <0.002 |
| L88N 87+50E | 0.712 | 0.005 |
| L88N 88+00E | 0.632 | <0.002 |
| L88N 88+50E | 0.584 | <0.002 |
| L88N 89+00E | 0.586 | <0.002 |
| L88N 89+50E | 0.532 | <0.002 |
| L88N 90+00E | 0.624 | 0.003 |
| L88N 90+50E | 0.682 | <0.002 |
| L88N 91+00E | 0.294 | 0.004 |
| L88N 91+50E | 0.620 | 0.005 |
| L88N 92+00E | 0.602 | 0.003 |

Certified By:



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AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L88N 92+50E | 0.594 | 0.019 |
| L88N 93+00E | 0.612 | 0.003 |
| L88N 93+50E | 0.666 | 0.002 |
| L88N 94+00E | 0.750 | 0.003 |
| L88N 94+50E | 0.568 | 0.003 |
| L88N 95+00E | 0.674 | 0.014 |
| L88N 95+50E | 0.648 | 0.003 |
| L88N 96+00E | 0.676 | 0.003 |
| L88N 96+50E | 0.654 | 0.009 |
| L88N 97+00E | 0.652 | 0.004 |
| L88N 97+50E | 0.620 | 0.010 |
| L88N 98+00E | 0.602 | 0.013 |
| L88N 98+50E | 0.662 | 0.063 |
| L88N 99+00E | 0.640 | 0.006 |
| L88N 99+50E | 0.754 | 0.005 |
| L89N 85+00E | 0.570 | 0.003 |
| L89N 85+50E | 0.606 | 0.004 |
| L89N 86+00E | 0.540 | 0.002 |
| L89N 86+50E | 0.660 | 0.003 |
| L89N 87+00E | 0.590 | 0.002 |
| L89N 87+50E | 0.620 | 0.003 |
| L89N 88+00E | 0.560 | <0.002 |
| L89N 88+50E | 0.562 | 0.006 |
| L89N 89+00E | 0.586 | <0.002 |
| L89N 89+50E | 0.502 | <0.002 |
| L89N 90+00E | 0.558 | 0.009 |
| L89N 90+50E | 0.454 | 0.004 |
| L89N 91+00E | 0.554 | 0.360 |
| L89N 91+50E | 0.508 | 0.005 |
| L89N 92+00E | 0.576 | <0.002 |
| L89N 92+50E | 0.520 | <0.002 |
| L89N 93+00E | 0.418 | <0.002 |

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ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L89N 93+50E | 0.01 | nss |
| L89N 94+00E | 0.506 | 0.006 |
| L89N 94+50E | 0.460 | 0.003 |
| L89N 95+00E | 0.506 | 0.006 |
| L89N 95+50E | 0.568 | 0.045 |
| L89N 96+00E | 0.342 | 0.008 |
| L89N 96+50E | 0.630 | 0.005 |
| L89N 97+00E | 0.530 | <0.002 |
| L89N 97+50E | 0.464 | <0.002 |
| L89N 98+00E | 0.596 | 0.005 |
| L89N 98+50E | 0.558 | <0.002 |
| L89N 99+00E | 0.600 | 0.006 |
| L89N 99+50E | 0.552 | 0.003 |
| L89N 100+00E | 0.592 | <0.002 |
| L89N 100+50E | 0.644 | <0.002 |
| L89N 101+00E | 0.530 | <0.002 |
| L89N 101+50E | 0.580 | 0.003 |
| L89N 102+00E | 0.520 | <0.002 |
| L89N 102+50E | 0.560 | 0.005 |
| L89N 103+00E | 0.466 | 0.007 |
| L89N 103+50E | 0.484 | <0.002 |
| L89N 104+00E | 0.516 | 0.002 |
| L89N 104+50E | 0.488 | 0.003 |
| L89N 105+00E | 0.520 | <0.002 |
| L89N 105+50E | 0.434 | 0.005 |
| L89N 106+00E | 0.450 | <0.002 |
| L89N 106+50E | 0.542 | <0.002 |
| L89N 107+00E | 0.444 | <0.002 |
| L89N 107+50E | 0.518 | 0.003 |
| L89N 108+00E | 0.504 | 0.010 |
| L89N 108+50E | 0.550 | 0.575 |
| L89N 109+00E | 0.492 | 0.010 |

Certified By:



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L90N 85+00E | 0.474 | 0.011 |
| L90N 85+50E | 0.384 | 0.004 |
| L90N 86+00E | 0.490 | 0.002 |
| L90N 86+50E | 0.590 | 0.005 |
| L90N 87+00E | 0.672 | 0.004 |
| L90N 87+50E | 0.532 | 0.003 |
| L90N 88+00E | 0.390 | 0.004 |
| L90N 88+50E | 0.658 | 0.004 |
| L90N 89+00E | 0.414 | 0.004 |
| L90N 89+50E | 0.526 | 0.007 |
| L90N 90+00E | 0.480 | 0.012 |
| L90N 90+50E | 0.424 | 0.004 |
| L90N 91+00E | 0.528 | 0.007 |
| L90N 91+50E | 0.538 | 0.003 |
| L90N 92+00E | 0.580 | 0.003 |
| L90N 92+50E | 0.558 | 0.003 |
| L90N 93+00E | 0.504 | 0.003 |
| L90N 93+50E | 0.562 | 0.003 |
| L90N 94+00E | 0.616 | 0.005 |
| L90N 94+50E | 0.432 | 0.029 |
| L90N 95+00E | 0.532 | <0.002 |
| L90N 95+50E | 0.500 | 0.010 |
| L90N 96+00E | 0.462 | 0.002 |
| L90N 96+50E | 0.544 | <0.002 |
| L90N 97+00E | 0.476 | <0.002 |
| L90N 97+50E | 0.538 | <0.002 |
| L90N 98+00E | 0.546 | 0.005 |
| L90N 98+50E | 0.424 | 0.002 |
| L90N 99+00E | 0.498 | 0.009 |
| L90N 99+50E | 0.536 | <0.002 |
| L90N 100+00E | 0.472 | <0.002 |
| L91N 85+00E | 0.536 | <0.002 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

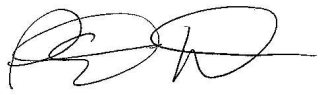
ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L91N 85+50E | 0.606 | 0.003 |
| L91N 86+00E | 0.384 | 0.003 |
| L91N 86+50E | 0.400 | <0.002 |
| L91N 87+00E | 0.388 | <0.002 |
| L91N 87+50E | 0.496 | 0.005 |
| L91N 88+00E | 0.452 | <0.002 |
| L91N 88+50E | 0.474 | <0.002 |
| L91N 89+00E | 0.468 | 0.004 |
| L91N 89+50E | 0.560 | 0.008 |
| L91N 90+00E | 0.482 | 0.022 |
| L91N 90+50E | 0.470 | 0.004 |
| L91N 91+00E | 0.508 | <0.002 |
| L91N 91+50E | 0.512 | <0.002 |
| L91N 92+00E | 0.466 | 0.003 |
| L91N 92+50E | 0.606 | 0.002 |
| L91N 93+00E | 0.524 | <0.002 |
| L91N 93+50E | 0.508 | <0.002 |
| L91N 94+00E | 0.538 | <0.002 |
| L91N 94+50E | 0.502 | 0.007 |
| L91N 95+00E | 0.544 | 0.013 |
| L91N 95+50E | 0.498 | <0.002 |
| L91N 96+00E | 0.396 | 0.005 |
| L91N 96+50E | 0.434 | <0.002 |
| L91N 97+00E | 0.458 | <0.002 |
| L91N 97+50E | 0.566 | <0.002 |
| L91N 98+00E | 0.604 | <0.002 |
| L91N 98+50E | 0.596 | <0.002 |
| L91N 99+00E | 0.448 | <0.002 |
| L91N 99+50E | 0.482 | <0.002 |
| L91N 100+00E | 0.470 | 0.037 |
| L91N 100+50E | 0.660 | <0.002 |
| L91N 101+00E | 0.730 | 0.003 |

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AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L91N 101+50E | 0.566 | <0.002 |
| L91N 102+00E | 0.602 | 0.003 |
| L91N 102+50E | 0.642 | 0.013 |
| L91N 103+00E | 0.586 | 0.003 |
| L91N 103+50E | 0.598 | 0.009 |
| L91N 104+00E | 0.588 | <0.002 |
| L91N 104+50E | 0.578 | <0.002 |
| L91N 105+00E | 0.618 | <0.002 |
| L91N 105+50E | 0.588 | 0.004 |
| L91N 106+00E | 0.694 | <0.002 |
| L91N 106+50E | 0.662 | 0.004 |
| L91N 107+00E | 0.602 | 0.006 |
| L91N 107+50E | 0.550 | 0.008 |
| L91N 108+00E | 0.678 | 0.003 |
| L91N 108+50E | 0.504 | <0.002 |
| L91N 109+00E | 0.620 | 0.008 |
| L92N 85+00E | 0.502 | <0.002 |
| L92N 85+50E | 0.384 | <0.002 |
| L92N 86+00E | 0.370 | <0.002 |
| L92N 86+50E | 0.370 | <0.002 |
| L92N 87+00E | 0.298 | <0.002 |
| L92N 87+50E | 0.430 | <0.002 |
| L92N 88+00E | 0.408 | 0.004 |
| L92N 88+50E | 0.402 | 0.002 |
| L92N 89+00E | 0.292 | 0.004 |
| L92N 89+50E | 0.464 | 0.003 |
| L92N 90+00E | 0.518 | 0.045 |
| L92N 90+50E | 0.442 | 0.006 |
| L92N 91+00E | 0.506 | 0.007 |
| L92N 91+50E | 0.634 | 0.026 |
| L92N 92+00E | 0.580 | <0.002 |
| L92N 92+50E | 0.544 | <0.002 |

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## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L92N 93+00E | 0.404 | 0.003 |
| L92N 93+50E | 0.596 | <0.002 |
| L92N 94+00E | 0.468 | <0.002 |
| L92N 94+50E | 0.592 | <0.002 |
| L92N 95+00E | 0.660 | <0.002 |
| L92N 95+50E | 0.602 | <0.002 |
| L92N 96+00E | 0.586 | <0.002 |
| L92N 96+50E | 0.618 | <0.002 |
| L92N 97+00E | 0.550 | <0.002 |
| L92N 97+50E | 0.582 | <0.002 |
| L92N 98+00E | 0.558 | <0.002 |
| L92N 98+50E | 0.596 | <0.002 |
| L92N 99+00E | 0.524 | 0.730 |
| L92N 99+50E | 0.576 | 0.002 |
| L92N 100+00E | 0.01 | nss |
| L93N 85+00E | 0.586 | 0.002 |
| L93N 85+50E | 0.512 | 0.003 |
| L93N 86+00E | 0.318 | <0.002 |
| L93N 86+50E | 0.600 | <0.002 |
| L93N 87+00E | 0.570 | 0.010 |
| L93N 87+50E | 0.572 | <0.002 |
| L93N 88+00E | 0.557 | 0.012 |
| L93N 88+50E | 0.436 | <0.002 |
| L93N 89+00E | 0.618 | 0.016 |
| L93N 89+50E | 0.634 | <0.002 |
| L93N 90+00E | 0.466 | <0.002 |
| L93N 90+50E | 0.546 | <0.002 |
| L93N 91+00E | 0.592 | 0.005 |
| L93N 91+50E | 0.600 | <0.002 |
| L93N 92+00E | 0.604 | 0.007 |
| L93N 92+50E | 0.568 | 0.007 |
| L93N 93+00E | 0.610 | <0.002 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

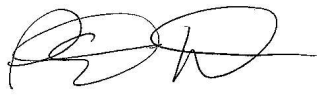
ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L93N 93+50E | 0.658 | 0.004 |
| L93N 94+00E | 0.564 | <0.002 |
| L93N 94+50E | 0.578 | <0.002 |
| L93N 95+00E | 0.608 | <0.002 |
| L93N 95+50E | 0.532 | <0.002 |
| L93N 96+00E | 0.576 | 0.013 |
| L93N 96+50E | 0.554 | 0.013 |
| L93N 97+00E | 0.528 | 0.003 |
| L93N 97+50E | 0.588 | <0.002 |
| L93N 98+00E | 0.596 | 0.004 |
| L93N 98+50E | 0.550 | 0.006 |
| L93N 99+00E | 0.586 | <0.002 |
| L93N 99+50E | 0.534 | 0.008 |
| L93N 100+00E | 0.604 | <0.002 |
| L94N 85+00E | 0.418 | <0.002 |
| L94N 85+50E | 0.534 | 0.010 |
| L94N 86+00E | 0.564 | 0.003 |
| L94N 86+50E | 0.376 | 0.005 |
| L94N 87+00E | 0.416 | 0.024 |
| L94N 87+50E | 0.566 | 0.010 |
| L94N 88+00E | 0.530 | 0.011 |
| L94N 88+50E | 0.498 | 0.007 |
| L94N 89+00E | 0.634 | <0.002 |
| L94N 89+50E | 0.442 | <0.002 |
| L94N 90+00E | 0.602 | <0.002 |
| L94N 90+50E | 0.590 | 0.015 |
| L94N 91+00E | 0.490 | 0.002 |
| L94N 91+50E | 0.652 | 0.007 |
| L94N 92+00E | 0.622 | <0.002 |
| L94N 92+50E | 0.596 | <0.002 |
| L94N 93+00E | 0.518 | <0.002 |
| L94N 93+50E | 0.698 | 0.004 |

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Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L94N 94+00E | 0.572 | <0.002 |
| L94N 94+50E | 0.598 | <0.002 |
| L94N 95+00E | 0.430 | 0.003 |
| L94N 95+50E | 0.522 | 0.006 |
| L94N 96+00E | 0.536 | 0.002 |
| L94N 96+50E | 0.640 | 0.014 |
| L94N 97+00E | 0.584 | 0.005 |
| L94N 97+50E | 0.594 | 0.089 |
| L94N 98+00E | 0.614 | 0.007 |
| L94N 98+50E | 0.550 | 0.005 |
| L94N 99+00E | 0.588 | <0.002 |
| L94N 99+50E | 0.514 | <0.002 |
| L94N 100+00E | 0.620 | <0.002 |
| J103L15205 0+00SW | 0.630 | 0.002 |
| J103L15205 1+00SW | 0.574 | 0.008 |
| J103L15205 2+00SW | 0.530 | <0.002 |
| J103L15205 3+00SW | 0.538 | <0.002 |
| J103L15205 4+00SW | 0.604 | 0.002 |
| J103L15205 5+00SW | 0.550 | <0.002 |
| J103L15205 6+00SW | 0.568 | <0.002 |
| J103L15205 7+00SW | 0.500 | <0.002 |
| J103L15205 8+00SW | 0.594 | <0.002 |
| J103L15205 9+00SW | 0.560 | 0.039 |
| J103L15205 10+00SW | 0.572 | 0.003 |
| J103L15205 11+00SW | 0.544 | <0.002 |
| J103L15205 12+00SW | 0.552 | <0.002 |
| J103L15205 13+00SW | 0.522 | 0.005 |
| J103L15205 14+00SW | 0.534 | 0.006 |
| J103L15205 15+00SW | 0.626 | 0.022 |
| J103L15205 16+00SW | 0.512 | 0.038 |
| J103L15205 17+00SW | 0.582 | 0.006 |
| J103L15205 18+00SW | 0.566 | 0.014 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| J103L15205 19+00SW | 0.528 | 0.008 |
| J103L15205 20+00SW | 0.550 | 0.005 |
| E5285560 | 0.210 | 0.010 |
| E5285561 | 0.308 | 0.007 |
| E5285562 | 0.316 | 0.024 |
| E5285563 | 0.586 | 0.012 |
| E5285564 | 0.354 | 0.006 |
| E5285565 | 0.380 | 0.014 |
| E5285566 | 0.282 | 0.011 |
| E5285567 | 0.348 | 0.007 |
| E5285568 | 0.610 | 0.007 |
| E5285569 | 0.390 | 0.008 |
| E5285570 | 0.476 | 0.007 |
| E5285571 | 0.402 | 0.008 |
| E5285572 | 0.494 | 1.00 |
| E5285574 | 0.604 | 0.010 |
| E5285575 | 0.622 | 0.005 |
| E5285576 | 0.656 | 0.008 |
| E5285577 | 0.664 | 0.006 |
| E5285578 | 0.642 | 0.006 |
| E5285579 | 0.706 | 0.005 |
| E5285580 | 0.662 | 0.009 |
| E5285581 | 0.666 | 0.006 |
| E5285582 | 0.612 | 0.017 |
| E5285583 | 0.632 | 0.005 |
| E5285584 | 0.884 | 0.012 |
| E5285585 | 0.658 | 0.007 |
| E5285586 | 0.584 | 0.012 |
| E5285587 | 0.574 | 0.006 |
| E5285588 | 0.420 | 0.007 |
| E5285589 | 0.606 | 0.031 |
| E5285590 | 0.700 | 0.008 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285591 | 0.640 | 0.008 |
| E5285592 | 0.634 | 0.015 |
| E5286110 | 0.670 | 0.005 |
| E5286111 | 0.710 | 0.010 |
| E5286112 | 0.676 | 0.009 |
| E5286113 | 0.606 | 0.019 |
| E5286114 | 0.616 | 0.013 |
| E5286115 | 0.588 | 0.005 |
| E5286116 | 0.682 | 0.035 |
| E5286117 | 0.734 | 0.008 |
| E5286118 | 0.706 | 0.006 |
| E5286119 | 0.684 | 0.010 |
| E5286120 | 0.746 | 0.014 |
| E5286121 | 0.712 | 0.008 |
| E5286122 | 0.798 | 0.008 |
| E5286123 | 0.710 | 0.016 |
| E5286124 | 0.626 | 0.026 |
| E5286125 | 0.720 | 0.023 |
| E5286126 | 0.724 | 0.029 |
| E5286127 | 0.706 | 0.007 |
| E5286128 | 0.676 | 0.007 |
| E5286129 | 0.710 | 0.006 |
| E5286130 | 0.144 | 0.010 |
| E5286060 | 0.530 | 0.008 |
| E5286061 | 0.548 | 0.005 |
| E5286062 | 0.538 | 0.005 |
| E5286063 | 0.648 | 0.011 |
| E5286064 | 0.544 | 0.012 |
| E5286065 | 0.684 | 0.008 |
| E5286066 | 0.588 | 0.005 |
| E5286067 | 0.606 | 0.009 |
| E5286068 | 0.584 | 0.006 |

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

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ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5286069 | 0.546 | 0.004 |
| E5286070 | 0.628 | 0.004 |
| E5286071 | 0.590 | 0.005 |
| E5286072 | 0.582 | 0.005 |
| E5286073 | 0.624 | 0.008 |
| E5286074 | 0.582 | 0.008 |
| E5286075 | 0.568 | 0.009 |
| E5286076 | 0.532 | 0.005 |
| E5286077 | 0.698 | 0.005 |
| E5286078 | 0.476 | 0.004 |
| E5286079 | 0.538 | 0.004 |
| E5286080 | 0.498 | 0.006 |
| E5286081 | 0.542 | 0.004 |
| E5286082 | 0.554 | 0.003 |
| E5286083 | 0.588 | 0.004 |
| E5286084 | 0.534 | 0.005 |
| E5286085 | 0.574 | 0.006 |
| E5286086 | 0.490 | 0.005 |
| E5286087 | 0.536 | 0.003 |
| E5286088 | 0.526 | 0.004 |
| E5286089 | 0.522 | 0.005 |
| E5286090 | 0.574 | 0.004 |
| E5286091 | 0.462 | 0.006 |
| E5286092 | 0.518 | 0.005 |
| E5286093 | 0.460 | 0.008 |
| E5286094 | 0.516 | 0.004 |
| E5286095 | 0.622 | 0.005 |
| E5286096 | 0.602 | 0.004 |
| E5286097 | 0.596 | 0.005 |
| E5286098 | 0.664 | 0.056 |
| E5286099 | 0.544 | 0.006 |
| E5286100 | 0.542 | 0.005 |

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AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

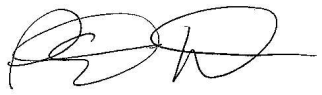
ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5286101 | 0.566 | 0.018 |
| E5286102 | 0.520 | 0.009 |
| E5286103 | 0.494 | 0.006 |
| E5286104 | 0.614 | 0.011 |
| E5286105 | 0.776 | 0.019 |
| E5286106 | 0.608 | 0.006 |
| E5286107 | 0.562 | 0.005 |
| E5286108 | 0.510 | 0.006 |
| E5286109 | 0.508 | 0.011 |
| E5286560 | 0.504 | 0.005 |
| E5286561 | 0.534 | 0.004 |
| E5286562 | 0.552 | 0.004 |
| E5286563 | 0.496 | 0.003 |
| E5286564 | 0.478 | 0.006 |
| E5286565 | 0.476 | 0.005 |
| E5286566 | 0.494 | 0.012 |
| E5286567 | 0.470 | 0.004 |
| E5286568 | 0.692 | <0.002 |
| E5286569 | 0.580 | 0.006 |
| E5286570 | 0.538 | 0.005 |
| E5286571 | 0.464 | 0.010 |
| E5286572 | 0.484 | 0.004 |
| E5286573 | 0.472 | 0.004 |
| E5286574 | 0.488 | 0.004 |
| E5286575 | 0.566 | 0.004 |
| E5286576 | 0.488 | 0.003 |
| E5286577 | 0.504 | 0.005 |
| E5286578 | 0.660 | 0.004 |
| E5286579 | 0.556 | 0.005 |
| E5286580 | 0.454 | 0.004 |
| E5286581 | 0.582 | 0.004 |
| E5286582 | 0.550 | 0.008 |

Certified By:





Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y511752

PROJECT NO:

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5286583 | 0.398 | 0.004 |
| E5286584 | 0.436 | 0.004 |
| E5286585 | 0.496 | 0.004 |
| E5286586 | 0.476 | 0.003 |
| E5286587 | 0.536 | 0.005 |
| E5286588 | 0.480 | 0.009 |
| E5286589 | 0.458 | 0.003 |
| E5286590 | 0.504 | 0.003 |
| E5286591 | 0.142 | 0.006 |
| E5286592 | 0.136 | 0.005 |
| E5286593 | 0.412 | 0.009 |
| E5286594 | 0.530 | 0.005 |
| E5286595 | 0.210 | 0.003 |
| E5286596 | 0.386 | 0.004 |
| E5286597 | 0.554 | 0.007 |
| E5286598 | 0.618 | 0.031 |
| E5286599 | 0.174 | 0.004 |
| E5286600 | 0.500 | 0.011 |
| E5286601 | 0.348 | 0.005 |
| E5286602 | 0.474 | 0.005 |
| E5286603 | 0.520 | 0.004 |
| E5286604 | 0.446 | 0.003 |
| E5286605 | 0.396 | 0.004 |
| E5286606 | 0.518 | 0.006 |
| E5286607 | 0.494 | 0.009 |
| E5286608 | 0.452 | 0.005 |
| E5286609 | 0.544 | 0.006 |
| E5285660 | 0.468 | 0.006 |
| E5285661 | 0.610 | 0.005 |
| E5285662 | 0.528 | 0.007 |
| E5285663 | 0.422 | 0.005 |
| E5285664 | 0.396 | 0.040 |

Certified By:



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CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 20, 2011 | DATE RECEIVED: Jul 19, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285665 | 0.676 | 0.031 |

Comments: RDL - Reported Detection Limit

Certified By:



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511752

PROJECT NO:

ATTENTION TO: DAVE TUPPER

## Solid Analysis

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | | Lower | Upper |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552502 | 0.0048 | 0.0045 | 6.5% | < 0.002 | 0.0839 | 0.0849 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552817 | 0.008 | 0.008 | 0.0% | < 0.002 | 0.916 | 0.922 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552527 | 0.0027 | 0.0021 | 25.0% | < 0.002 | 0.441 | 0.417 | 106% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552615 | 0.007 | 0.006 | 15.4% | < 0.002 | 0.381 | 0.417 | 91% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552855 | 0.0076 | 0.0072 | 5.4% | < 0.002 | 0.0833 | 0.0849 | 98% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552590 | 0.0028 | 0.0021 | 28.6% | < 0.002 | 0.202 | 0.203 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552602 | 0.003 | 0.003 | 0.0% | < 0.002 | 0.968 | 0.922 | 104% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552892 | 0.005 | 0.010 | | < 0.002 | 0.0833 | 0.0849 | 98% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552905 | 0.011 | 0.008 | | < 0.002 | 0.2 | 0.203 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552918 | 0.0043 | 0.0035 | 20.5% | < 0.002 | 0.395 | 0.417 | 95% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552665 | < 0.002 | < 0.002 | 0.0% | < 0.002 | 0.883 | 0.922 | 96% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552943 | 0.0065 | 0.0064 | 1.6% | < 0.002 | 0.410 | 0.417 | 98% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552691 | < 0.002 | < 0.002 | 0.0% | < 0.002 | 0.207 | 0.203 | 101% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552703 | 0.003 | < 0.002 | | < 0.002 | 0.416 | 0.417 | 100% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552716 | 0.002 | < 0.002 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552718 | 0.002 | 0.011 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552728 | < 0.002 | < 0.002 | 0.0% | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Au | 1 | 2552741 | 0.013 | 0.005 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552753 | 0.024 | < 0.002 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552766 | 0.004 | < 0.002 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552778 | < 0.002 | 0.004 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2552792 | < 0.002 | < 0.002 | 0.0% | < 0.002 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552753 | < 0.2 | < 0.2 | 0.0% | < 0.2 | 8 | 7 | 108% | 80% | 120% |
| Al | 1 | 2552753 | 1.68 | 1.69 | 0.6% | < 0.01 | 0.390 | 0.359 | 108% | 80% | 120% |
| As | 1 | 2552753 | 20 | 19 | 5.1% | < 1 | 20.7 | 22.0 | 94% | 80% | 120% |
| B | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552753 | 22 | 22 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552753 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552753 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552753 | 0.07 | 0.07 | 0.0% | < 0.01 | 0.659 | 0.635 | 104% | 80% | 120% |
| Cd | 1 | 2552753 | < 0.5 | < 0.5 | 0.0% | < 0.5 | 0.840 | 1.00 | 84% | 80% | 120% |
| Ce | 1 | 2552753 | 87 | 90 | 3.4% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552753 | 9.2 | 9.3 | 1.1% | < 0.5 | 13.5 | 14.0 | 96% | 80% | 120% |
| Cr | 1 | 2552753 | 21.2 | 21.7 | 2.3% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552753 | 23.1 | 23.1 | 0.0% | < 0.5 | 4627 | 4700 | 98% | 80% | 120% |
| Fe | 1 | 2552753 | 3.47 | 3.47 | 0.0% | < 0.01 | 1.23 | 1.31 | 94% | 80% | 120% |
| Ga | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552753 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552753 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552753 | 0.03 | 0.03 | 0.0% | < 0.01 | 0.18 | 0.18 | 99% | 80% | 120% |
| La | 1 | 2552753 | 36 | 38 | 5.4% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552753 | 49 | 49 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552753 | 0.799 | 0.790 | 1.1% | < 0.01 | 0.102 | 0.098 | 104% | 80% | 120% |
| Mn | 1 | 2552753 | 991 | 981 | 1.0% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552576 | < 0.5 | < 0.5 | 0.0% | < 0.5 | 307 | 280 | 110% | 80% | 120% |
| Na | 1 | 2552753 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 0.033 | 0.038 | 88% | 80% | 120% |
| Ni | 1 | 2552753 | 26.1 | 26.6 | 1.9% | < 0.5 | 26.6 | 25.0 | 106% | 80% | 120% |
| P | 1 | 2552753 | 615 | 599 | 2.6% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552753 | 18.1 | 18.3 | 1.1% | < 0.5 | 31.2 | 39.0 | 80% | 80% | 120% |
| Rb | 1 | 2552753 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552753 | 0.0257 | 0.0244 | 5.2% | < 0.005 | 0.639 | 0.621 | 103% | 80% | 120% |
| Sb | 1 | 2552753 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552753 | 1.1 | 1.1 | 0.0% | < 0.5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | 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 | 2552753 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | 2.16 | 2.40 | 90% | 80% | 120% |
| Sr | 1 | 2552753 | 7.6 | 6.3 | 18.7% | 0.6 | | | | 80% | 120% |
| Ta | 1 | 2552753 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552753 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552753 | 6 | 7 | 15.4% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552753 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 0.011 | 0.011 | 103% | 80% | 120% |
| Tl | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552753 | 22.1 | 23.2 | 4.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552753 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552753 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552753 | 71.8 | 73.6 | 2.5% | < 0.5 | 167 | 173 | 96% | 80% | 120% |
| Zr | 1 | 2552753 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552770 | < 0.2 | < 0.2 | 0.0% | < 0.2 | 37 | 35 | 105% | 80% | 120% |
| Al | 1 | 2552770 | 1.94 | 2.02 | 4.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552770 | 23 | 23 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552770 | 16 | 17 | 6.1% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552770 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552770 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552770 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552770 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552770 | 69 | 72 | 4.3% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552770 | 12.3 | 13.0 | 5.5% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552770 | 28.4 | 29.2 | 2.8% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552770 | 34.0 | 34.9 | 2.6% | < 0.5 | 5271 | 5000 | 105% | 80% | 120% |
| Fe | 1 | 2552770 | 4.12 | 4.25 | 3.1% | < 0.01 | 3.19 | 3.40 | 93% | 80% | 120% |
| Ga | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552770 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552770 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552770 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552770 | 29 | 30 | 3.4% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552770 | 51 | 52 | 1.9% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552770 | 0.81 | 0.83 | 2.4% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552770 | 877 | 877 | 0.0% | < 1 | 2809 | 2630 | 106% | 80% | 120% |
| Mo | 1 | 2552770 | 1.13 | 1.51 | 28.8% | < 0.5 | 6.91 | 7.00 | 98% | 80% | 120% |
| Na | 1 | 2552770 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552770 | 25.0 | 25.6 | 2.4% | < 0.5 | 185 | 197 | 93% | 80% | 120% |
| P | 1 | 2552770 | 790 | 815 | 3.1% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552770 | 19.5 | 20.4 | 4.5% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552770 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552770 | 0.041 | 0.044 | 7.1% | < 0.005 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Sb | 1 | 2552770 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552770 | 0.98 | 0.93 | 5.2% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552678 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552770 | 5.53 | 7.27 | 27.2% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552770 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552770 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552678 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552770 | 25.6 | 26.7 | 4.2% | < 0.5 | 63.5 | 61.0 | 104% | 80% | 120% |
| W | 1 | 2552770 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552770 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552770 | 72.5 | 74.7 | 3.0% | < 0.5 | 70 | 72 | 97% | 80% | 120% |
| Zr | 1 | 2552770 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552829 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552829 | 2.06 | 1.99 | 3.5% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552829 | 11 | 10 | 9.5% | < 1 | | | | 80% | 120% |
| B | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552829 | 15 | 14 | 6.9% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552829 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552829 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552829 | 0.08 | 0.08 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552829 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552829 | 139 | 129 | 7.5% | < 1 | 41 | 35 | 118% | 80% | 120% |
| Co | 1 | 2552829 | 20.0 | 20.1 | 0.5% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552829 | 26.5 | 26.9 | 1.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552829 | 48.5 | 48.0 | 1.0% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552829 | 3.82 | 3.80 | 0.5% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552829 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552829 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552829 | 0.032 | 0.025 | 24.6% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552829 | 59 | 54 | 8.8% | < 1 | 20 | 17 | 116% | 80% | 120% |
| Li | 1 | 2552829 | 62 | 61 | 1.6% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552829 | 0.840 | 0.821 | 2.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552829 | 650 | 605 | 7.2% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552602 | 0.9 | 0.9 | 0.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552829 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552829 | 35.4 | 35.4 | 0.0% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552829 | 551 | 546 | 0.9% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552829 | 27.1 | 27.5 | 1.5% | < 0.5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Rb | 1 | 2552829 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552829 | 0.014 | 0.014 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552829 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552829 | 1.48 | 1.44 | 2.7% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552829 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552829 | 8.1 | 8.0 | 1.2% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552829 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552829 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552829 | 12 | 13 | 8.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552829 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552829 | 19.1 | 19.1 | 0.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552829 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552829 | 6 | 6 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552829 | 92.8 | 92.1 | 0.8% | < 0.5 | 171 | 204 | 84% | 80% | 120% |
| Zr | 1 | 2552829 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552854 | < 0.2 | < 0.2 | 0.0% | < 0.2 | 37.3 | 35 | 106% | 80% | 120% |
| Al | 1 | 2552854 | 2.27 | 2.33 | 2.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552854 | 26 | 28 | 7.4% | < 1 | | | | 80% | 120% |
| B | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552854 | 10 | 10 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552854 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552854 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552854 | 0.14 | 0.14 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552854 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552854 | 115 | 119 | 3.4% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552854 | 18.0 | 18.2 | 1.1% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552854 | 24.7 | 25.7 | 4.0% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552854 | 53.1 | 54.4 | 2.4% | < 0.5 | 5201 | 5000 | 104% | 80% | 120% |
| Fe | 1 | 2552854 | 3.98 | 4.09 | 2.7% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552854 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552854 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552854 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552854 | 55 | 57 | 3.6% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552854 | 75 | 78 | 3.9% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552854 | 1.18 | 1.20 | 1.7% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552854 | 1130 | 1210 | 6.8% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552552 | < 0.5 | 1.2 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552854 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552854 | 38.7 | 40.6 | 4.8% | < 0.5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| P | 1 | 2552854 | 454 | 497 | 9.0% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552854 | 20.4 | 21.2 | 3.8% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552854 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552854 | 0.011 | 0.011 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552854 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552854 | 2.0 | 2.0 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552854 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552854 | 9.8 | 7.9 | 21.5% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552854 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552854 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552854 | 9 | 9 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552854 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 0.06 | 0.07 | 82% | 80% | 120% |
| Tl | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552854 | 19.9 | 21.2 | 6.3% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552854 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552854 | 10 | 11 | 9.5% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552854 | 88.1 | 92.4 | 4.8% | < 0.5 | 180 | 204 | 88% | 80% | 120% |
| Zr | 1 | 2552854 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552879 | < 0.2 | < 0.2 | 0.0% | < 0.2 | 35 | 35 | 101% | 80% | 120% |
| Al | 1 | 2552879 | 1.21 | 1.23 | 1.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552686 | 31 | 31 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552879 | 16 | 16 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552879 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552879 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552879 | 0.07 | 0.07 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552879 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552879 | 26 | 27 | 3.8% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552879 | 9.3 | 9.4 | 1.1% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552879 | 16.3 | 16.0 | 1.9% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552879 | 11.1 | 11.1 | 0.0% | < 0.5 | 4970 | 5000 | 99% | 80% | 120% |
| Fe | 1 | 2552879 | 2.17 | 2.22 | 2.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552879 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552879 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552879 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552879 | 9 | 9 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552879 | 31 | 31 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552879 | 0.464 | 0.468 | 0.9% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552879 | 343 | 342 | 0.3% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552879 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552879 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | 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 | 2552879 | 21.5 | 21.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552879 | 552 | 567 | 2.7% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552879 | 6.0 | 6.0 | 0.0% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552879 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552879 | 0.021 | 0.021 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552879 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552879 | 0.6 | 0.6 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552879 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552879 | 7.36 | 5.87 | 22.5% | 1.3 | | | | 80% | 120% |
| Ta | 1 | 2552879 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552879 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552879 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552879 | 20.2 | 20.0 | 1.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552879 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552879 | 1 | 1 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552879 | 60.9 | 61.1 | 0.3% | 4.4 | 71.7 | 67.0 | 107% | 80% | 120% |
| Zr | 1 | 2552879 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552890 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552890 | 1.61 | 1.60 | 0.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552890 | 17 | 19 | 11.1% | < 1 | 2.89 | 3.00 | 96% | 80% | 120% |
| B | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552890 | 37 | 37 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552890 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552890 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552890 | 0.055 | 0.054 | 1.8% | < 0.01 | 0.29 | 0.35 | 82% | 80% | 120% |
| Cd | 1 | 2552890 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552890 | 62 | 64 | 3.2% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552890 | 16.6 | 16.8 | 1.2% | < 0.5 | 65.6 | 73.8 | 88% | 80% | 120% |
| Cr | 1 | 2552890 | 17.7 | 18.7 | 5.5% | < 0.5 | 630 | 667 | 94% | 80% | 120% |
| Cu | 1 | 2552890 | 33.0 | 34.1 | 3.3% | < 0.5 | 463 | 449 | 103% | 80% | 120% |
| Fe | 1 | 2552890 | 3.00 | 2.99 | 0.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552890 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552890 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552890 | 0.04 | 0.04 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552890 | 22 | 23 | 4.4% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552890 | 32 | 31 | 3.2% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552890 | 0.49 | 0.48 | 2.1% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552890 | 622 | 643 | 3.3% | < 1 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Mo | 1 | 2552890 | 1.34 | 1.25 | 6.9% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552890 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552890 | 23.6 | 24.5 | 3.7% | < 0.5 | 190 | 197 | 96% | 80% | 120% |
| P | 1 | 2552890 | 654 | 701 | 6.9% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552890 | 23.0 | 24.2 | 5.1% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552890 | 10 | 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552890 | 0.0300 | 0.0305 | 1.7% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552890 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552890 | 1.2 | 1.2 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552890 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552890 | 9.7 | 8.0 | 19.2% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552890 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552890 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552890 | 0.024 | 0.025 | 4.1% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552890 | 26.3 | 27.3 | 3.7% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552890 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552890 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552890 | 67.5 | 69.6 | 3.1% | < 0.5 | 167 | 173 | 96% | 80% | 120% |
| Zr | 1 | 2552890 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552778 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552778 | 2.41 | 2.50 | 3.7% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552778 | 12 | 13 | 8.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2552778 | 6 | < 5 | | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552778 | 39 | 42 | 7.4% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552778 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552778 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552778 | 0.04 | 0.04 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552778 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552778 | 87 | 88 | 1.1% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552778 | 17.1 | 17.7 | 3.4% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552778 | 36.4 | 37.0 | 1.6% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552778 | 27.0 | 28.2 | 4.3% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552778 | 4.35 | 4.54 | 4.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552778 | 5 | 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552778 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552778 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552778 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552778 | 35 | 36 | 2.8% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552778 | 60 | 62 | 3.3% | < 1 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Mg | 1 | 2552778 | 1.02 | 1.09 | 6.6% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552778 | 1430 | 1510 | 5.4% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552778 | 0.94 | 1.23 | 26.7% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552778 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552778 | 35.0 | 36.0 | 2.8% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552778 | 559 | 568 | 1.6% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552778 | 17.8 | 18.2 | 2.2% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552778 | 15 | 16 | 6.5% | < 10 | | | | 80% | 120% |
| S | 1 | 2552778 | 0.0229 | 0.0257 | 11.5% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552778 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552778 | 1.46 | 1.43 | 2.1% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552778 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552778 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552778 | 10.8 | 10.9 | 0.9% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552778 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552778 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552778 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552778 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552778 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552778 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552778 | 42.3 | 42.6 | 0.7% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552778 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552778 | 5 | 5 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552778 | 88.9 | 92.3 | 3.8% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2552778 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552790 | 0.2 | 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552790 | 1.21 | 1.14 | 6.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552790 | 27 | 26 | 3.8% | < 1 | | | | 80% | 120% |
| B | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552790 | 19 | 17 | 11.1% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552790 | 0.8 | 0.8 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552790 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552790 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552790 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552790 | 67 | 63 | 6.2% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552790 | 8.59 | 8.14 | 5.4% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552790 | 13.4 | 12.4 | 7.8% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552790 | 10.5 | 9.81 | 6.8% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552790 | 4.10 | 3.83 | 6.8% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552790 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552790 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552790 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552790 | 21 | 20 | 4.9% | < 1 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Li | 1 | 2552790 | 14 | 13 | 7.4% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552790 | 0.11 | 0.11 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552790 | 2010 | 1870 | 7.2% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552790 | 0.7 | 1.2 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552790 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552790 | 20.8 | 19.9 | 4.4% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552790 | 299 | 280 | 6.6% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552790 | 17.3 | 16.5 | 4.7% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552790 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552790 | 0.0260 | 0.0234 | 10.5% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552790 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552790 | 3.9 | 3.7 | 5.3% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552790 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552790 | 4.79 | 4.25 | 11.9% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552790 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552790 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552790 | 12 | 11 | 8.7% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552790 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552790 | 14.2 | 13.2 | 7.3% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552790 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552790 | 9 | 8 | 11.8% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552790 | 30.1 | 29.1 | 3.4% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2552790 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552804 | 1.1 | < 0.2 | | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552804 | 1.41 | 1.41 | 0.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552804 | 34 | 36 | 5.7% | < 1 | | | | 80% | 120% |
| B | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552804 | 23 | 23 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552804 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552804 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552804 | 0.369 | 0.388 | 5.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552804 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552804 | 92 | 80 | 14.0% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552804 | 13.8 | 10.9 | 23.5% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552804 | 16.8 | 17.5 | 4.1% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552804 | 24.9 | 27.7 | 10.6% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552804 | 3.35 | 3.34 | 0.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552804 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552804 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| K | 1 | 2552804 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552804 | 41 | 36 | 13.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552804 | 44 | 44 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552804 | 0.61 | 0.59 | 3.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552804 | 341 | 355 | 4.0% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552804 | 1.0 | < 0.5 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552804 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552804 | 27.3 | 27.7 | 1.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552804 | 500 | 518 | 3.5% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552804 | 19.0 | 19.5 | 2.6% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552804 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552804 | 0.073 | 0.069 | 5.6% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552804 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552804 | 1.9 | 2.0 | 5.1% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552804 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552804 | 31.9 | 32.9 | 3.1% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552804 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552804 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552804 | 13 | 13 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552804 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552804 | 14.3 | 14.7 | 2.8% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552804 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552804 | 7 | 7 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552804 | 86.4 | 86.6 | 0.2% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2552804 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552905 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552905 | 1.25 | 1.32 | 5.4% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552905 | 9 | 8 | 11.8% | < 1 | | | | 80% | 120% |
| B | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552905 | 42 | 44 | 4.7% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552905 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552905 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552905 | 0.06 | 0.06 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552905 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552905 | 56 | 57 | 1.8% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552905 | 6.7 | 6.6 | 1.5% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552905 | 16.3 | 16.7 | 2.4% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552905 | 17.8 | 18.2 | 2.2% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552905 | 2.80 | 2.94 | 4.9% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y511752
PROJECT NO:
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Hg | 1 | 2552905 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552905 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552905 | 0.044 | 0.045 | 2.2% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552905 | 20 | 20 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552905 | 19 | 19 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552905 | 0.354 | 0.366 | 3.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552905 | 515 | 513 | 0.4% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552905 | 0.97 | 0.74 | 26.9% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552905 | < 0.01 | 0.01 | | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552905 | 17.9 | 18.1 | 1.1% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552905 | 585 | 602 | 2.9% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552905 | 21.0 | 21.3 | 1.4% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552905 | 10 | 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552905 | 0.052 | 0.054 | 3.8% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552905 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552905 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552905 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552905 | 7.64 | 8.08 | 5.6% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552905 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552905 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552905 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552905 | 24.7 | 25.5 | 3.2% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552905 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552905 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552905 | 69.1 | 69.3 | 0.3% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2552905 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2552930 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2552930 | 1.76 | 1.76 | 0.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2552930 | 2 | 3 | | < 1 | | | | 80% | 120% |
| B | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2552930 | 30 | 27 | 10.5% | < 1 | | | | 80% | 120% |
| Be | 1 | 2552930 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2552930 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2552930 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2552930 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2552930 | 74 | 71 | 4.1% | < 1 | | | | 80% | 120% |
| Co | 1 | 2552930 | 18.9 | 18.3 | 3.2% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2552930 | 23.5 | 23.6 | 0.4% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2552930 | 6.02 | 5.93 | 1.5% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2552930 | 4.19 | 4.24 | 1.2% | < 0.01 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511752

PROJECT NO:

ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 15, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Ga | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Hg | 1 | 2552930 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| In | 1 | 2552930 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2552930 | 0.036 | 0.031 | 14.9% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2552930 | 23 | 22 | 4.4% | < 1 | | | | 80% | 120% |
| Li | 1 | 2552930 | 54 | 54 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2552930 | 0.738 | 0.756 | 2.4% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2552930 | 787 | 792 | 0.6% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2552930 | 0.95 | 0.81 | 15.9% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2552930 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2552930 | 31.5 | 31.4 | 0.3% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2552930 | 288 | 273 | 5.3% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2552930 | 5.73 | 5.83 | 1.7% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2552930 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2552930 | 0.0187 | 0.0184 | 1.6% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2552930 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2552930 | 1.5 | 1.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2552930 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2552930 | 2.8 | 4.7 | | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2552930 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2552930 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2552930 | 10 | 8 | 22.2% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2552930 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2552930 | 21.6 | 20.9 | 3.3% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2552930 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2552930 | 12 | 11 | 8.7% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2552930 | 91.3 | 91.7 | 0.4% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2552930 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |

Certified By:



Results relate only to the items tested

AGAT Laboratories

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# Method Summary

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y511752

PROJECT NO:

ATTENTION TO: DAVE TUPPER

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Ag | MIN-200-12020 | | ICP/OES |
| Al | MIN-200-12020 | | ICP/OES |
| As | MIN-200-12020 | | ICP/OES |
| B | MIN-200-12020 | | ICP/OES |
| Ba | MIN-200-12020 | | ICP/OES |
| Be | MIN-200-12020 | | ICP/OES |
| Bi | MIN-200-12020 | | ICP/OES |
| Ca | MIN-200-12020 | | ICP/OES |
| Cd | MIN-200-12020 | | ICP/OES |
| Ce | MIN-200-12020 | | ICP/OES |
| Co | MIN-200-12020 | | ICP/OES |
| Cr | MIN-200-12020 | | ICP/OES |
| Cu | MIN-200-12020 | | ICP/OES |
| Fe | MIN-200-12020 | | ICP/OES |
| Ga | MIN-200-12020 | | ICP/OES |
| Hg | MIN-200-12020 | | ICP/OES |
| In | MIN-200-12020 | | ICP/OES |
| K | MIN-200-12020 | | ICP/OES |
| La | MIN-200-12020 | | ICP/OES |
| Li | MIN-200-12020 | | ICP/OES |
| Mg | MIN-200-12020 | | ICP/OES |
| Mn | MIN-200-12020 | | ICP/OES |
| Mo | MIN-200-12020 | | ICP/OES |
| Na | MIN-200-12020 | | ICP/OES |
| Ni | MIN-200-12020 | | ICP/OES |
| P | MIN-200-12020 | | ICP/OES |
| Pb | MIN-200-12020 | | ICP/OES |
| Rb | MIN-200-12020 | | ICP/OES |
| S | MIN-200-12020 | | ICP/OES |
| Sb | MIN-200-12020 | | ICP/OES |
| Sc | MIN-200-12020 | | ICP/OES |
| Se | MIN-200-12020 | | ICP/OES |
| Sn | MIN-200-12020 | | ICP/OES |
| Sr | MIN-200-12020 | | ICP/OES |
| Ta | MIN-200-12020 | | ICP/OES |
| Te | MIN-200-12020 | | ICP/OES |
| Th | MIN-200-12020 | | ICP/OES |
| Ti | MIN-200-12020 | | ICP/OES |
| Tl | MIN-200-12020 | | ICP/OES |
| U | MIN-200-12020 | | ICP/OES |
| V | MIN-200-12020 | | ICP/OES |
| W | MIN-200-12020 | | ICP/OES |
| Y | MIN-200-12020 | | ICP/OES |
| Zn | MIN-200-12020 | | ICP/OES |
| Zr | MIN-200-12020 | | ICP/OES |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Au | MIN-200-12019 | BUGBEE, E: A Textbook of Fire Assaying | AAS |



Results relate only to the items tested

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CLIENT NAME: BEARING RESOURCES
1280 - 625 HOWE STREET
VANCOUVER, BC V6C2T6

ATTENTION TO: DAVE TUPPER

PROJECT NO: HY-JAY

AGAT WORK ORDER: 11Y513929

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Aug 17, 2011

PAGES (INCLUDING COVER): 72

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

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



Results relate only to the items tested

AGAT Laboratories

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285667 (-) | <0.2 | 0.68 | 12 | <5 | 14 | <0.5 | <1 | <0.01 | <0.5 | 33 | 1.6 | 9.5 | 24.7 | 1.71 |
| E5285668 (-) | <0.2 | 0.98 | 34 | <5 | 15 | <0.5 | <1 | <0.01 | <0.5 | 52 | 3.2 | 13.3 | 23.0 | 2.63 |
| E5285669 (-) | <0.2 | 1.04 | 40 | <5 | 18 | <0.5 | <1 | <0.01 | <0.5 | 65 | 2.1 | 15.0 | 25.1 | 2.75 |
| E5285670 (-) | <0.2 | 0.97 | 44 | <5 | 14 | <0.5 | <1 | 0.01 | <0.5 | 61 | 2.0 | 14.8 | 25.7 | 2.66 |
| E5285671 (-) | <0.2 | 0.64 | 25 | <5 | 12 | <0.5 | <1 | <0.01 | <0.5 | 36 | 1.5 | 8.9 | 15.0 | 1.56 |
| E5285672 (-) | <0.2 | 0.61 | 10 | <5 | 8 | <0.5 | <1 | 0.01 | <0.5 | 49 | 1.6 | 6.9 | 22.6 | 1.88 |
| E5285673 (-) | <0.2 | 1.29 | 16 | <5 | 16 | 0.5 | <1 | 0.01 | <0.5 | 111 | 21.3 | 17.2 | 43.5 | 4.83 |
| E5285674 (-) | <0.2 | 1.48 | 18 | <5 | 20 | 0.6 | <1 | 0.01 | <0.5 | 126 | 22.5 | 19.1 | 47.5 | 5.49 |
| E5285675 (-) | <0.2 | 1.35 | 18 | <5 | 19 | <0.5 | <1 | 0.02 | <0.5 | 84 | 13.8 | 15.6 | 45.9 | 5.09 |
| E5285676 (-) | <0.2 | 1.30 | 10 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 77 | 3.2 | 16.7 | 35.6 | 3.40 |
| E5285677 (-) | <0.2 | 1.15 | 17 | <5 | 15 | <0.5 | <1 | <0.01 | <0.5 | 69 | 2.7 | 16.3 | 32.7 | 2.97 |
| E5285678 (-) | <0.2 | 1.52 | 104 | <5 | 24 | <0.5 | <1 | 0.01 | <0.5 | 82 | 3.2 | 20.4 | 37.7 | 4.05 |
| E5285679 (-) | <0.2 | 1.11 | 29 | <5 | 15 | <0.5 | <1 | 0.01 | <0.5 | 79 | 2.0 | 15.1 | 30.7 | 2.76 |
| E5285680 (-) | <0.2 | 1.03 | 11 | <5 | 17 | <0.5 | <1 | <0.01 | <0.5 | 48 | 2.1 | 14.6 | 31.8 | 3.05 |
| E5285681 (-) | <0.2 | 0.84 | 9 | <5 | 18 | <0.5 | <1 | <0.01 | <0.5 | 38 | 1.7 | 10.9 | 17.8 | 2.55 |
| E5285682 (-) | <0.2 | 0.82 | 28 | <5 | 22 | <0.5 | <1 | <0.01 | <0.5 | 38 | 1.5 | 9.6 | 16.8 | 1.81 |
| E5285683 (-) | <0.2 | 1.30 | 11 | <5 | 31 | <0.5 | <1 | 0.02 | <0.5 | 73 | 2.2 | 15.7 | 19.5 | 2.72 |
| E5285684 (-) | <0.2 | 0.80 | 6 | <5 | 24 | <0.5 | <1 | 0.01 | <0.5 | 40 | 1.4 | 9.4 | 10.7 | 1.88 |
| E5285685 (-) | <0.2 | 0.75 | 6 | <5 | 25 | <0.5 | <1 | 0.01 | <0.5 | 40 | 1.5 | 7.1 | 13.5 | 1.56 |
| E5285686 (-) | <0.2 | 0.86 | 7 | <5 | 21 | <0.5 | <1 | <0.01 | <0.5 | 58 | 2.4 | 11.6 | 16.0 | 2.18 |
| E5285687 (-) | <0.2 | 1.06 | 74 | <5 | 16 | <0.5 | <1 | <0.01 | <0.5 | 65 | 7.3 | 15.9 | 39.3 | 3.00 |
| E5285688 (-) | <0.2 | 0.53 | 27 | <5 | 14 | <0.5 | <1 | <0.01 | <0.5 | 36 | 1.8 | 9.1 | 16.3 | 1.69 |
| E5285689 (-) | 0.3 | 0.51 | 4 | <5 | 14 | <0.5 | <1 | 0.05 | <0.5 | 47 | 2.6 | 9.7 | 23.6 | 1.18 |
| E5285690 (-) | <0.2 | 0.87 | 9 | <5 | 20 | <0.5 | <1 | 0.01 | <0.5 | 37 | 2.2 | 13.6 | 18.1 | 2.75 |
| E5285691 (-) | <0.2 | 0.31 | 3 | <5 | 15 | <0.5 | <1 | <0.01 | <0.5 | 25 | 1.0 | 5.1 | 8.5 | 1.17 |
| E5285692 (-) | <0.2 | 1.11 | 68 | <5 | 20 | 0.5 | <1 | 0.02 | <0.5 | 54 | 18.2 | 14.5 | 53.4 | 3.18 |
| E5285693 (-) | <0.2 | 1.06 | 26 | <5 | 14 | 0.6 | <1 | 0.04 | <0.5 | 44 | 32.3 | 10.6 | 47.9 | 3.27 |
| E5285694 (-) | <0.2 | 1.56 | 20 | <5 | 18 | 0.5 | <1 | 0.03 | <0.5 | 67 | 25.8 | 22.6 | 58.3 | 4.59 |
| E5285695 (-) | <0.2 | 1.72 | 32 | <5 | 43 | 1.3 | <1 | 0.05 | <0.5 | 177 | 30.1 | 17.9 | 79.9 | 6.57 |
| E5285696 (-) | <0.2 | 1.71 | 31 | 5 | 43 | 1.4 | <1 | 0.06 | <0.5 | 192 | 29.6 | 18.6 | 82.5 | 6.36 |
| E5285697 (-) | <0.2 | 1.41 | 15 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 34 | 15.1 | 18.6 | 52.9 | 3.58 |
| E5285698 (-) | <0.2 | 1.31 | 22 | <5 | 31 | <0.5 | <1 | 0.01 | <0.5 | 90 | 9.6 | 17.3 | 43.3 | 4.15 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285699 (-) | <0.2 | 1.64 | 15 | <5 | 32 | 0.6 | <1 | 0.03 | <0.5 | 92 | 18.4 | 19.3 | 65.4 | 4.77 |
| E5285700 (-) | <0.2 | 1.86 | 18 | <5 | 12 | <0.5 | <1 | 0.09 | <0.5 | 76 | 23.4 | 26.7 | 58.3 | 3.78 |
| E5285701 (-) | <0.2 | 0.88 | 15 | <5 | 12 | <0.5 | <1 | 0.02 | <0.5 | 34 | 15.2 | 11.1 | 24.8 | 1.85 |
| E5285702 (-) | <0.2 | 1.91 | 10 | <5 | 17 | 0.5 | <1 | 0.06 | <0.5 | 79 | 18.4 | 22.4 | 57.2 | 3.66 |
| E5285703 (-) | <0.2 | 1.29 | 6 | <5 | 13 | <0.5 | <1 | 0.03 | <0.5 | 40 | 6.5 | 16.4 | 23.7 | 2.40 |
| E5285704 (-) | <0.2 | 1.24 | 8 | <5 | 41 | <0.5 | <1 | 0.26 | <0.5 | 21 | 5.4 | 19.9 | 30.9 | 2.09 |
| E5285705 (-) | <0.2 | 1.05 | 14 | <5 | 53 | <0.5 | <1 | 0.45 | <0.5 | 16 | 6.8 | 27.4 | 29.2 | 2.25 |
| E5285706 (-) | <0.2 | 1.81 | 16 | <5 | 56 | <0.5 | <1 | 0.20 | <0.5 | 48 | 14.5 | 52.4 | 32.4 | 3.78 |
| E5285707 (-) | <0.2 | 1.87 | 16 | <5 | 41 | <0.5 | <1 | 0.08 | <0.5 | 43 | 20.6 | 23.9 | 34.4 | 3.50 |
| E5285708 (-) | <0.2 | 0.73 | 5 | <5 | 28 | <0.5 | <1 | 0.21 | <0.5 | 9 | 2.1 | 5.9 | 11.0 | 0.84 |
| E5285709 (-) | <0.2 | 2.42 | 12 | 5 | 103 | 0.6 | <1 | 0.59 | <0.5 | 61 | 38.0 | 143 | 70.3 | 6.47 |
| E5285710 (-) | <0.2 | 2.94 | 15 | <5 | 52 | 0.6 | <1 | 0.20 | <0.5 | 102 | 24.0 | 61.1 | 73.8 | 5.42 |
| E5285711 (-) | <0.2 | 2.50 | 32 | <5 | 43 | 0.5 | <1 | 0.02 | <0.5 | 60 | 14.4 | 34.3 | 53.9 | 5.58 |
| E5285712 (-) | <0.2 | 2.79 | 35 | <5 | 39 | <0.5 | <1 | 0.04 | <0.5 | 67 | 19.6 | 35.5 | 49.5 | 5.49 |
| E5285713 (-) | <0.2 | 3.81 | 5 | 6 | 126 | 0.7 | <1 | 0.53 | <0.5 | 61 | 21.5 | 166 | 56.3 | 5.95 |
| E5285714 (-) | <0.2 | 3.67 | 16 | <5 | 203 | 0.8 | <1 | 0.42 | <0.5 | 73 | 38.3 | 151 | 61.6 | 5.50 |
| E5285715 (-) | <0.2 | 1.74 | 14 | <5 | 58 | <0.5 | <1 | 0.08 | <0.5 | 43 | 8.3 | 32.8 | 34.8 | 3.20 |
| E5285716 (-) | <0.2 | 1.97 | 17 | <5 | 37 | <0.5 | <1 | 0.08 | <0.5 | 68 | 13.3 | 39.0 | 29.2 | 3.78 |
| E5285160 (-) | <0.2 | 2.13 | 32 | <5 | 51 | <0.5 | <1 | 0.07 | <0.5 | 75 | 6.7 | 32.3 | 59.9 | 3.82 |
| E5285161 (-) | <0.2 | 1.56 | 38 | <5 | 42 | <0.5 | <1 | 0.16 | <0.5 | 74 | 11.3 | 28.0 | 40.5 | 5.38 |
| E5285162 (-) | <0.2 | 1.74 | 27 | <5 | 45 | <0.5 | <1 | 0.05 | <0.5 | 62 | 8.5 | 28.1 | 29.4 | 4.20 |
| E5285163 (-) | <0.2 | 0.67 | 78 | <5 | 42 | <0.5 | <1 | 0.64 | <0.5 | 54 | 6.3 | 4.9 | 31.1 | 2.17 |
| E5285164 (-) | <0.2 | 1.63 | 27 | <5 | 43 | <0.5 | <1 | 0.03 | <0.5 | 65 | 8.0 | 26.3 | 19.8 | 4.34 |
| E5285165 (-) | <0.2 | 2.30 | 163 | <5 | 43 | <0.5 | <1 | 0.98 | <0.5 | 63 | 13.5 | 36.8 | 39.5 | 4.43 |
| E5285166 (-) | <0.2 | 1.46 | 54 | <5 | 29 | <0.5 | <1 | 0.06 | <0.5 | 67 | 8.5 | 29.3 | 27.4 | 3.95 |
| E5285167 (-) | <0.2 | 1.04 | 9 | <5 | 35 | <0.5 | <1 | 0.02 | <0.5 | 55 | 2.4 | 13.0 | 8.4 | 1.42 |
| E5285168 (-) | <0.2 | 2.23 | 36 | <5 | 52 | 0.5 | <1 | 0.06 | <0.5 | 89 | 16.9 | 54.5 | 40.7 | 4.39 |
| E5285169 (-) | <0.2 | 1.58 | 9 | <5 | 29 | <0.5 | <1 | 0.06 | <0.5 | 37 | 8.4 | 63.7 | 12.5 | 2.70 |
| E5285170 (-) | <0.2 | 1.97 | 18 | <5 | 23 | <0.5 | <1 | 0.13 | <0.5 | 87 | 16.0 | 35.9 | 46.7 | 4.11 |
| E5285171 (-) | <0.2 | 1.29 | 28 | <5 | 23 | <0.5 | <1 | 0.02 | <0.5 | 39 | 4.3 | 23.1 | 17.9 | 4.05 |
| E5285172 (-) | <0.2 | 1.93 | 14 | <5 | 33 | <0.5 | <1 | 0.03 | <0.5 | 80 | 9.1 | 30.5 | 33.4 | 3.83 |
| E5285173 (-) | <0.2 | 1.56 | 10 | <5 | 36 | <0.5 | <1 | 0.02 | <0.5 | 71 | 4.3 | 20.1 | 12.9 | 2.94 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285174 (-) | <0.2 | 1.84 | 21 | <5 | 35 | <0.5 | <1 | 0.02 | <0.5 | 75 | 8.9 | 23.7 | 22.7 | 3.55 |
| E5285175 (-) | <0.2 | 0.96 | 7 | <5 | 31 | <0.5 | <1 | 0.12 | <0.5 | 36 | 7.9 | 10.0 | 28.3 | 1.53 |
| E5285176 (-) | <0.2 | 2.44 | 21 | <5 | 34 | 0.7 | <1 | 0.08 | <0.5 | 128 | 22.5 | 33.2 | 70.6 | 4.97 |
| E5285177 (-) | <0.2 | 1.34 | 10 | <5 | 25 | <0.5 | <1 | 0.05 | <0.5 | 84 | 4.7 | 19.8 | 31.3 | 3.29 |
| E5285178 (-) | <0.2 | 2.50 | 16 | <5 | 40 | <0.5 | <1 | 0.02 | <0.5 | 154 | 5.2 | 36.9 | 50.1 | 5.61 |
| E5285179 (-) | <0.2 | 3.24 | 28 | <5 | 286 | 0.7 | <1 | 0.28 | <0.5 | 242 | 52.0 | 34.2 | 101 | 5.96 |
| E5285180 (-) | <0.2 | 1.33 | 66 | <5 | 36 | <0.5 | <1 | 0.03 | <0.5 | 76 | 6.6 | 20.5 | 45.7 | 4.79 |
| E5285181 (-) | <0.2 | 2.22 | 5 | <5 | 26 | 1.2 | <1 | 0.06 | <0.5 | 247 | 22.3 | 25.9 | 73.6 | 6.11 |
| E5285182 (-) | <0.2 | 0.96 | 34 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 125 | 5.0 | 13.5 | 37.1 | 4.29 |
| E5285183 (-) | <0.2 | 1.55 | 4 | <5 | 24 | <0.5 | <1 | <0.01 | <0.5 | 67 | 2.8 | 26.5 | 37.5 | 4.71 |
| E5285184 (-) | <0.2 | 1.24 | 8 | <5 | 19 | 0.7 | <1 | <0.01 | <0.5 | 133 | 6.0 | 18.3 | 38.6 | 3.70 |
| E5285185 (-) | <0.2 | 1.78 | 15 | <5 | 16 | 0.7 | <1 | 0.05 | <0.5 | 186 | 29.5 | 27.2 | 70.5 | 5.15 |
| E5285186 (-) | <0.2 | 1.91 | 6 | <5 | 16 | 0.8 | <1 | <0.01 | <0.5 | 183 | 36.1 | 28.7 | 58.5 | 5.21 |
| E5285187 (-) | <0.2 | 1.69 | 8 | <5 | 17 | <0.5 | <1 | <0.01 | <0.5 | 116 | 4.2 | 28.9 | 46.6 | 5.11 |
| E5285188 (-) | <0.2 | 0.92 | 24 | <5 | 11 | <0.5 | <1 | <0.01 | <0.5 | 124 | 67.1 | 11.3 | 43.9 | 3.78 |
| E5285189 (-) | <0.2 | 2.03 | 47 | <5 | 19 | 0.5 | <1 | <0.01 | <0.5 | 125 | 5.0 | 31.7 | 55.3 | 5.07 |
| E5285190 (-) | <0.2 | 2.27 | 3 | 10 | 68 | 0.6 | <1 | 0.03 | <0.5 | 55 | 5.6 | 26.6 | 84.3 | 9.59 |
| E5285191 (-) | <0.2 | 0.96 | 7 | <5 | 15 | <0.5 | <1 | <0.01 | <0.5 | 121 | 2.3 | 16.0 | 35.8 | 3.46 |
| E5285192 (-) | <0.2 | 6.81 | 5 | <5 | 12 | <0.5 | <1 | <0.01 | <0.5 | 63 | 1.9 | 17.3 | 52.6 | 2.48 |
| E5285193 (-) | <0.2 | 0.43 | 3 | <5 | 5 | <0.5 | <1 | <0.01 | <0.5 | 65 | 3.5 | 15.4 | 17.6 | 2.92 |
| E5285194 (-) | <0.2 | 1.07 | 5 | <5 | 12 | <0.5 | <1 | <0.01 | <0.5 | 172 | 1.6 | 11.6 | 27.3 | 2.86 |
| E5285195 (-) | <0.2 | 1.28 | 3 | <5 | 13 | <0.5 | <1 | 0.01 | <0.5 | 123 | 2.2 | 27.9 | 54.6 | 6.57 |
| E5285196 (-) | 0.4 | 1.15 | 2 | <5 | 14 | <0.5 | <1 | 0.02 | <0.5 | 53 | 2.9 | 23.0 | 57.7 | 4.55 |
| E5285197 (-) | <0.2 | 1.56 | 2 | 6 | 5 | 0.7 | <1 | <0.01 | <0.5 | 63 | 6.5 | 21.1 | 118 | 9.25 |
| E5285198 (-) | <0.2 | 2.04 | 1 | <5 | 21 | 0.6 | <1 | 0.01 | <0.5 | 39 | 3.7 | 28.6 | 76.3 | 6.25 |
| E5285199 (-) | <0.2 | 2.04 | 5 | <5 | 41 | 0.8 | <1 | 0.09 | <0.5 | 267 | 9.9 | 23.3 | 35.8 | 4.91 |
| E5285200 (-) | <0.2 | 2.87 | 6 | <5 | 16 | 1.0 | <1 | 0.37 | <0.5 | 94 | 10.9 | 15.1 | 29.0 | 2.94 |
| E5285201 (-) | <0.2 | 1.60 | 2 | <5 | 10 | <0.5 | <1 | <0.01 | <0.5 | 74 | 2.2 | 27.6 | 63.1 | 6.66 |
| E5285202 (-) | <0.2 | 1.98 | 5 | <5 | 23 | 0.7 | <1 | 0.01 | <0.5 | 123 | 10.0 | 17.4 | 71.1 | 6.18 |
| E5285203 (-) | <0.2 | 1.75 | 8 | <5 | 48 | 0.6 | <1 | 0.07 | <0.5 | 108 | 27.0 | 19.3 | 52.8 | 4.03 |
| E5285204 (-) | <0.2 | 0.77 | 122 | <5 | 15 | 0.6 | <1 | 0.04 | <0.5 | 84 | 5.8 | 9.1 | 33.5 | 3.53 |
| E5285205 (-) | <0.2 | 0.95 | 429 | <5 | 12 | <0.5 | <1 | <0.01 | <0.5 | 151 | 15.9 | 12.9 | 51.2 | 7.38 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5285206 (-) | <0.2 | 1.46 | 14 | <5 | 26 | <0.5 | <1 | 0.01 | <0.5 | 122 | 5.1 | 25.8 | 63.6 | 5.56 |
| E5285207 (-) | <0.2 | 14.4 | 14 | 6 | 118 | 6.2 | <1 | <0.01 | <0.5 | 415 | 41.0 | 6.3 | 212 | 3.92 |
| E5285208 (-) | <0.2 | 1.95 | 7 | <5 | 13 | <0.5 | <1 | <0.01 | <0.5 | 46 | 7.2 | 28.0 | 32.5 | 5.20 |
| E5285209 (-) | <0.2 | 1.99 | 846 | <5 | 20 | 0.6 | <1 | <0.01 | <0.5 | 158 | 17.7 | 18.3 | 54.7 | 5.64 |
| E5285210 (-) | <0.2 | 1.88 | 25 | 6 | 16 | <0.5 | <1 | <0.01 | <0.5 | 163 | 2.5 | 31.0 | 76.7 | 6.81 |
| E5285211 (-) | <0.2 | 1.11 | 1560 | <5 | 33 | <0.5 | <1 | 0.07 | <0.5 | 120 | 3.7 | 15.5 | 34.5 | 3.44 |
| E5285212 (-) | <0.2 | 0.79 | 33 | <5 | 5 | <0.5 | <1 | <0.01 | <0.5 | 40 | 2.9 | 9.2 | 32.5 | 2.83 |
| E5285213 (-) | <0.2 | 0.80 | 12 | <5 | 6 | <0.5 | <1 | <0.01 | <0.5 | 56 | 1.7 | 10.2 | 61.4 | 2.72 |
| E5285214 (-) | <0.2 | 1.32 | 15 | <5 | 15 | 0.6 | <1 | <0.01 | <0.5 | 97 | 6.9 | 19.6 | 57.9 | 3.79 |
| E5285593 (-) | <0.2 | 1.51 | 7 | <5 | 13 | <0.5 | <1 | <0.01 | <0.5 | 143 | 11.0 | 21.5 | 58.9 | 6.17 |
| E5285594 (-) | <0.2 | 1.54 | 12 | <5 | 13 | <0.5 | <1 | <0.01 | <0.5 | 110 | 5.5 | 25.9 | 67.2 | 6.41 |
| E5285595 (-) | <0.2 | 1.69 | 133 | <5 | 13 | 0.5 | <1 | <0.01 | <0.5 | 129 | 8.8 | 21.9 | 57.3 | 5.70 |
| E5285596 (-) | 0.2 | 1.63 | 29 | 6 | 16 | 0.6 | <1 | 0.01 | <0.5 | 151 | 29.9 | 32.5 | 116 | 7.62 |
| E5285597 (-) | <0.2 | 1.96 | 50 | 7 | 20 | 0.7 | <1 | 0.07 | <0.5 | 150 | 23.6 | 28.1 | 84.4 | 6.97 |
| E5285598 (-) | <0.2 | 1.73 | 79 | <5 | 15 | 0.5 | <1 | <0.01 | <0.5 | 110 | 8.5 | 22.8 | 60.7 | 5.80 |
| E5285599 (-) | <0.2 | 1.72 | 110 | <5 | 20 | 0.7 | <1 | 0.01 | <0.5 | 182 | 23.9 | 23.2 | 61.1 | 5.36 |
| E5285600 (-) | <0.2 | 1.89 | 34 | <5 | 21 | <0.5 | <1 | 0.01 | <0.5 | 146 | 7.7 | 24.5 | 57.0 | 4.88 |
| E5285601 (-) | <0.2 | 1.74 | 42 | <5 | 19 | <0.5 | <1 | <0.01 | <0.5 | 136 | 6.9 | 25.4 | 51.4 | 4.80 |
| E5285602 (-) | <0.2 | 1.43 | 90 | <5 | 31 | <0.5 | <1 | 0.04 | <0.5 | 86 | 6.9 | 18.9 | 34.7 | 3.47 |
| E5285603 (-) | <0.2 | 1.77 | 60 | <5 | 34 | <0.5 | <1 | 0.05 | <0.5 | 108 | 10.9 | 28.4 | 75.9 | 3.84 |
| E5285604 (-) | <0.2 | 1.67 | 42 | <5 | 36 | <0.5 | <1 | 0.03 | <0.5 | 84 | 4.5 | 23.2 | 26.6 | 3.67 |
| E5285605 (-) | <0.2 | 1.31 | 16 | <5 | 36 | <0.5 | <1 | 0.04 | <0.5 | 85 | 7.2 | 17.0 | 28.1 | 2.42 |
| E5285606 (-) | <0.2 | 1.78 | 11 | <5 | 33 | <0.5 | <1 | 0.02 | <0.5 | 119 | 7.5 | 23.5 | 40.4 | 4.05 |
| E5285607 (-) | <0.2 | 1.72 | 19 | <5 | 18 | <0.5 | <1 | <0.01 | <0.5 | 112 | 9.5 | 24.5 | 55.9 | 4.70 |
| E5285608 (-) | <0.2 | 1.27 | 18 | <5 | 26 | <0.5 | <1 | 0.06 | <0.5 | 74 | 7.6 | 15.2 | 28.8 | 2.80 |
| E5285609 (-) | <0.2 | 1.25 | 64 | <5 | 18 | <0.5 | <1 | 0.04 | <0.5 | 71 | 6.9 | 15.5 | 44.4 | 3.22 |
| E5285610 (-) | <0.2 | 1.60 | 18 | <5 | 32 | <0.5 | <1 | 0.03 | <0.5 | 103 | 7.6 | 20.7 | 52.6 | 4.21 |
| E5285611 (-) | <0.2 | 1.66 | 18 | <5 | 32 | <0.5 | <1 | 0.03 | <0.5 | 117 | 15.9 | 24.4 | 42.8 | 4.53 |
| E5285612 (-) | <0.2 | 0.54 | 4 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 25 | 1.5 | 7.6 | 22.7 | 1.70 |
| E5286132 (-) | <0.2 | 1.56 | 32 | <5 | 37 | <0.5 | <1 | 0.03 | <0.5 | 79 | 4.9 | 23.8 | 60.5 | 4.66 |
| E5286133 (-) | <0.2 | 1.62 | 14 | <5 | 35 | 0.5 | <1 | 0.03 | <0.5 | 62 | 15.5 | 17.7 | 58.2 | 3.94 |
| E5286134 (-) | <0.2 | 1.59 | 18 | <5 | 26 | 0.6 | <1 | 0.02 | <0.5 | 77 | 12.0 | 19.1 | 87.3 | 5.90 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| E5286135 (-) | <0.2 | 2.04 | 20 | <5 | 46 | 0.9 | <1 | 0.02 | <0.5 | 128 | 20.6 | 22.5 | 74.1 | 7.51 |
| E5286136 (-) | <0.2 | 1.80 | 18 | <5 | 33 | 0.6 | <1 | 0.02 | <0.5 | 102 | 14.6 | 23.5 | 67.9 | 5.90 |
| E5286137 (-) | <0.2 | 1.73 | 11 | <5 | 43 | 0.6 | <1 | 0.03 | <0.5 | 82 | 6.6 | 25.5 | 57.7 | 6.39 |
| E5286138 (-) | <0.2 | 2.06 | 14 | <5 | 33 | 0.7 | <1 | <0.01 | <0.5 | 95 | 10.3 | 26.3 | 69.8 | 7.11 |
| E5286139 (-) | <0.2 | 1.24 | 18 | <5 | 25 | <0.5 | <1 | 0.07 | <0.5 | 40 | 18.6 | 13.9 | 51.5 | 2.45 |
| E5286140 (-) | <0.2 | 2.50 | 37 | <5 | 50 | 0.7 | <1 | 0.06 | <0.5 | 55 | 23.2 | 31.5 | 72.4 | 4.44 |
| E5286141 (-) | <0.2 | 2.53 | 23 | <5 | 37 | 0.7 | <1 | 0.19 | <0.5 | 63 | 17.7 | 27.7 | 60.1 | 4.05 |
| E5286142 (-) | <0.2 | 1.09 | 15 | <5 | 37 | <0.5 | <1 | 0.01 | <0.5 | 59 | 35.4 | 9.4 | 21.7 | 1.56 |
| E5286143 (-) | <0.2 | 1.24 | 13 | <5 | 24 | <0.5 | <1 | 0.08 | <0.5 | 38 | 8.2 | 16.6 | 26.2 | 2.31 |
| E5286144 (-) | <0.2 | 2.19 | 12 | <5 | 31 | <0.5 | <1 | 0.06 | <0.5 | 65 | 17.8 | 27.3 | 54.1 | 4.38 |
| E5286145 (-) | <0.2 | 1.36 | 9 | <5 | 43 | <0.5 | <1 | 0.04 | <0.5 | 34 | 6.0 | 49.5 | 26.2 | 3.06 |
| E5286146 (-) | <0.2 | 3.06 | 16 | <5 | 69 | 0.6 | <1 | 0.26 | <0.5 | 86 | 27.4 | 71.3 | 63.7 | 5.38 |
| E5286147 (-) | <0.2 | 1.66 | 19 | <5 | 45 | <0.5 | <1 | 0.06 | <0.5 | 45 | 8.5 | 25.7 | 31.0 | 4.10 |
| E5286148 (-) | <0.2 | 1.41 | 22 | <5 | 30 | <0.5 | <1 | 0.07 | <0.5 | 30 | 8.1 | 17.5 | 44.0 | 3.13 |
| E5286149 (-) | <0.2 | 2.73 | 14 | <5 | 36 | 0.7 | <1 | 0.06 | <0.5 | 49 | 31.4 | 29.4 | 72.5 | 5.19 |
| E5286150 (-) | <0.2 | 2.09 | 39 | <5 | 66 | 0.6 | <1 | 0.31 | <0.5 | 66 | 38.4 | 21.8 | 69.0 | 5.88 |
| E5286151 (-) | <0.2 | 2.11 | 13 | <5 | 26 | <0.5 | <1 | 0.02 | <0.5 | 57 | 18.3 | 28.2 | 40.8 | 4.84 |
| E5286152 (-) | <0.2 | 2.12 | 13 | <5 | 35 | <0.5 | <1 | 0.04 | <0.5 | 45 | 23.2 | 28.7 | 62.8 | 4.63 |
| L81N 92+00E (-) | <0.2 | 2.62 | 15 | <5 | 42 | 0.7 | <1 | 0.03 | <0.5 | 79 | 16.4 | 35.2 | 52.2 | 4.66 |
| L81N 92+50E (-) | <0.2 | 2.58 | 18 | <5 | 50 | 0.6 | <1 | 0.03 | <0.5 | 96 | 15.9 | 34.8 | 56.1 | 4.63 |
| L81N 93+00E (-) | <0.2 | 2.08 | 15 | <5 | 33 | <0.5 | <1 | 0.02 | <0.5 | 69 | 12.5 | 31.3 | 29.7 | 4.89 |
| L81N 93+50E (-) | <0.2 | 2.11 | 14 | <5 | 30 | <0.5 | <1 | 0.02 | <0.5 | 70 | 14.6 | 30.2 | 30.1 | 4.74 |
| L81N 94+50E (-) | <0.2 | 0.41 | 2 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 18 | 1.8 | 4.9 | 13.7 | 0.87 |
| L81N 95+00E (-) | <0.2 | 0.40 | 2 | <5 | 18 | <0.5 | <1 | 0.04 | <0.5 | 7 | 1.0 | 5.7 | 4.2 | 0.65 |
| L81N 95+50E (-) | <0.2 | 1.05 | 5 | <5 | 54 | <0.5 | <1 | 0.07 | <0.5 | 36 | 15.7 | 13.8 | 31.4 | 2.43 |
| L81N 96+00E (-) | <0.2 | 0.92 | 5 | <5 | 31 | <0.5 | <1 | 0.04 | <0.5 | 31 | 5.2 | 12.8 | 27.2 | 2.43 |
| L81N 96+50E (-) | <0.2 | 1.04 | 14 | <5 | 50 | <0.5 | <1 | 0.02 | <0.5 | 47 | 4.6 | 15.2 | 19.0 | 2.99 |
| L81N 97+00E (-) | <0.2 | 1.22 | 9 | <5 | 25 | <0.5 | <1 | 0.02 | <0.5 | 45 | 4.2 | 16.5 | 14.3 | 2.58 |
| L81N 97+50E (-) | <0.2 | 0.94 | 11 | <5 | 31 | <0.5 | <1 | 0.02 | <0.5 | 40 | 5.2 | 14.1 | 27.0 | 2.69 |
| L81N 98+00E (-) | <0.2 | 0.51 | 3 | <5 | 14 | <0.5 | <1 | 0.02 | <0.5 | 24 | 3.4 | 7.6 | 16.5 | 1.44 |
| L81N 98+50E (-) | <0.2 | 1.74 | 20 | <5 | 39 | <0.5 | <1 | 0.02 | <0.5 | 60 | 7.1 | 26.1 | 24.2 | 4.93 |
| L81N 99+00E (-) | <0.2 | 0.89 | 4 | <5 | 111 | <0.5 | <1 | 0.02 | <0.5 | 29 | 8.6 | 10.4 | 28.6 | 1.77 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L81N 99+50E (-) | <0.2 | 1.07 | 8 | <5 | 160 | <0.5 | <1 | 0.02 | <0.5 | 40 | 9.3 | 14.4 | 36.3 | 3.60 |
| L81N 100+00E (-) | <0.2 | 1.43 | 15 | <5 | 35 | <0.5 | <1 | 0.03 | <0.5 | 57 | 6.0 | 29.0 | 30.5 | 4.04 |
| L81N 100+50E (-) | <0.2 | 0.98 | 9 | <5 | 51 | <0.5 | <1 | 0.03 | <0.5 | 46 | 5.5 | 36.3 | 32.1 | 2.84 |
| L81N 101+00E (-) | <0.2 | 1.76 | 21 | <5 | 72 | <0.5 | <1 | 0.22 | <0.5 | 68 | 8.1 | 29.7 | 21.3 | 3.82 |
| L81N 101+50E (-) | <0.2 | 1.85 | 32 | <5 | 26 | <0.5 | <1 | 0.03 | <0.5 | 69 | 9.0 | 33.1 | 35.8 | 4.88 |
| L81N 102+00E (-) | <0.2 | 0.88 | 9 | <5 | 43 | <0.5 | <1 | 0.08 | <0.5 | 49 | 4.2 | 19.4 | 17.2 | 2.24 |
| L81N 102+50E (-) | <0.2 | 0.76 | 4 | <5 | 67 | <0.5 | <1 | 0.05 | <0.5 | 27 | 2.7 | 9.7 | 11.7 | 1.07 |
| L81N 103+00E (-) | <0.2 | 0.83 | 10 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 34 | 3.0 | 13.2 | 17.8 | 2.01 |
| L81N 103+50E (-) | <0.2 | 1.92 | 20 | <5 | 43 | <0.5 | <1 | 0.01 | <0.5 | 71 | 5.6 | 28.1 | 19.2 | 3.93 |
| L81N 104+00E (-) | <0.2 | 1.35 | 18 | <5 | 38 | <0.5 | <1 | 0.03 | <0.5 | 54 | 5.7 | 23.2 | 16.9 | 3.33 |
| L81N 104+50E (-) | <0.2 | 1.47 | 21 | <5 | 46 | <0.5 | <1 | 0.02 | <0.5 | 63 | 4.7 | 23.0 | 17.4 | 3.88 |
| L81N 105+00E (-) | <0.2 | 2.08 | 41 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 84 | 7.5 | 30.9 | 27.1 | 4.72 |
| L83N 91+00E (-) | <0.2 | 0.56 | 9 | <5 | 38 | <0.5 | <1 | 0.08 | <0.5 | 31 | 2.8 | 8.3 | 9.5 | 1.24 |
| L83N 91+50E (-) | <0.2 | 2.36 | 17 | <5 | 36 | 0.6 | <1 | 0.11 | <0.5 | 84 | 19.5 | 67.1 | 42.1 | 4.72 |
| L83N 92+00E (-) | <0.2 | 2.06 | 25 | <5 | 41 | <0.5 | <1 | 0.02 | <0.5 | 86 | 17.0 | 25.3 | 38.6 | 4.82 |
| L83N 92+50E (-) | <0.2 | 0.66 | 9 | <5 | 24 | <0.5 | <1 | 0.02 | <0.5 | 36 | 3.7 | 8.3 | 13.9 | 1.74 |
| L83N 93+00E (-) | 0.5 | 0.85 | 3 | <5 | 32 | <0.5 | <1 | 0.03 | <0.5 | 31 | 3.5 | 9.1 | 19.7 | 1.45 |
| L83N 93+50E (-) | <0.2 | 1.18 | 8 | <5 | 32 | <0.5 | <1 | 0.07 | <0.5 | 56 | 19.3 | 14.2 | 25.0 | 2.42 |
| L83N 94+00E (-) | <0.2 | 0.60 | 7 | <5 | 30 | <0.5 | <1 | 0.07 | <0.5 | 20 | 2.0 | 7.2 | 14.2 | 1.21 |
| L83N 94+50E (-) | <0.2 | 0.49 | 3 | <5 | 81 | <0.5 | <1 | 0.05 | <0.5 | 19 | 4.2 | 6.6 | 20.3 | 1.13 |
| L83N 95+00E (-) | <0.2 | 1.45 | 10 | <5 | 64 | <0.5 | <1 | 0.03 | <0.5 | 63 | 7.6 | 18.7 | 23.8 | 3.53 |
| L83N 95+50E (-) | <0.2 | 1.50 | 13 | <5 | 51 | <0.5 | <1 | 0.07 | <0.5 | 73 | 8.2 | 22.4 | 30.3 | 3.15 |
| L83N 96+00E (-) | <0.2 | 2.26 | 32 | <5 | 35 | <0.5 | <1 | 0.01 | <0.5 | 79 | 13.3 | 33.0 | 32.7 | 5.61 |
| L83N 96+50E (-) | <0.2 | 1.26 | 14 | <5 | 58 | <0.5 | <1 | 0.02 | <0.5 | 66 | 7.0 | 24.0 | 43.3 | 3.71 |
| L83N 97+00E (-) | <0.2 | 2.07 | 16 | <5 | 41 | <0.5 | <1 | 0.09 | <0.5 | 114 | 16.6 | 26.4 | 42.6 | 4.79 |
| L83N 97+50E (-) | <0.2 | 1.41 | 16 | <5 | 33 | <0.5 | <1 | 0.03 | <0.5 | 74 | 8.2 | 20.2 | 34.8 | 4.01 |
| L83N 98+00E (-) | <0.2 | 1.26 | 12 | <5 | 37 | <0.5 | <1 | 0.02 | <0.5 | 52 | 6.3 | 18.7 | 31.3 | 3.31 |
| L83N 98+50E (-) | <0.2 | 2.05 | 22 | <5 | 45 | <0.5 | <1 | 0.02 | <0.5 | 75 | 8.7 | 27.9 | 23.1 | 4.48 |
| L83N 99+00E (-) | <0.2 | 1.66 | 10 | <5 | 34 | <0.5 | <1 | 0.04 | <0.5 | 77 | 10.7 | 20.9 | 38.5 | 3.86 |
| L83N 99+50E (-) | <0.2 | 1.57 | 9 | <5 | 33 | <0.5 | <1 | 0.02 | <0.5 | 64 | 15.1 | 21.8 | 46.6 | 3.71 |
| L83N 100+00E (-) | <0.2 | 0.74 | 41 | <5 | 22 | <0.5 | <1 | 0.04 | <0.5 | 59 | 21.9 | 8.3 | 57.8 | 3.68 |
| L83N 100+50E (-) | <0.2 | 1.93 | 30 | 6 | 27 | <0.5 | <1 | 0.08 | <0.5 | 73 | 8.6 | 31.4 | 34.9 | 4.71 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L83N 101+00E (-) | <0.2 | 1.42 | 19 | <5 | 25 | <0.5 | <1 | 0.02 | <0.5 | 48 | 5.5 | 21.4 | 26.6 | 3.42 |
| L83N 101+50E (-) | <0.2 | 1.03 | 9 | <5 | 66 | <0.5 | <1 | 0.03 | <0.5 | 54 | 5.9 | 14.2 | 39.7 | 2.63 |
| L83N 102+00E (-) | <0.2 | 0.86 | 4 | <5 | 51 | <0.5 | <1 | 0.06 | <0.5 | 47 | 7.2 | 12.1 | 16.0 | 1.86 |
| L83N 102+50E (-) | <0.2 | 1.47 | 27 | <5 | 40 | <0.5 | <1 | 0.01 | <0.5 | 58 | 5.9 | 23.7 | 29.5 | 5.40 |
| L83N 103+00E (-) | <0.2 | 1.15 | 10 | <5 | 30 | <0.5 | <1 | 0.02 | <0.5 | 42 | 5.1 | 20.8 | 25.3 | 3.21 |
| L83N 103+50E (-) | <0.2 | 0.89 | 14 | <5 | 23 | <0.5 | <1 | 0.01 | <0.5 | 52 | 2.8 | 11.8 | 13.0 | 1.69 |
| L83N 104+00E (-) | <0.2 | 1.45 | 14 | <5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 60 | 4.6 | 19.3 | 21.1 | 2.84 |
| L83N 104+50E (-) | <0.2 | 1.62 | 21 | <5 | 36 | <0.5 | <1 | 0.02 | <0.5 | 63 | 6.5 | 24.8 | 34.5 | 4.64 |
| L83N 105+00E (-) | <0.2 | 1.80 | 29 | <5 | 37 | <0.5 | <1 | 0.02 | <0.5 | 68 | 11.3 | 32.0 | 45.3 | 5.18 |
| L85N 85+00E (-) | <0.2 | 1.52 | 16 | <5 | 46 | <0.5 | <1 | 0.58 | <0.5 | 58 | 7.8 | 22.3 | 26.6 | 2.94 |
| L85N 85+50E (-) | <0.2 | 2.12 | 29 | <5 | 35 | <0.5 | <1 | 0.31 | <0.5 | 81 | 19.4 | 28.7 | 59.5 | 3.99 |
| L85N 86+00E (-) | <0.2 | 2.05 | 31 | <5 | 22 | <0.5 | <1 | 1.10 | <0.5 | 64 | 22.8 | 32.0 | 69.5 | 3.70 |
| L85N 86+50E (-) | <0.2 | 1.09 | 32 | <5 | 56 | <0.5 | <1 | 0.73 | <0.5 | 39 | 5.4 | 19.4 | 20.0 | 1.81 |
| L85N 87+00E (-) | <0.2 | 2.26 | 169 | <5 | 26 | 0.5 | <1 | 0.30 | <0.5 | 61 | 18.9 | 45.8 | 58.6 | 4.57 |
| L85N 87+50E (-) | <0.2 | 1.44 | 7 | <5 | 84 | <0.5 | <1 | 0.26 | <0.5 | 93 | 14.0 | 16.5 | 27.1 | 2.72 |
| L85N 88+00E (-) | <0.2 | 2.08 | 21 | <5 | 46 | <0.5 | <1 | 0.08 | <0.5 | 72 | 15.4 | 41.5 | 36.3 | 4.42 |
| L85N 88+50E (-) | <0.2 | 1.18 | 3 | <5 | 44 | <0.5 | <1 | 0.12 | <0.5 | 66 | 7.1 | 17.1 | 7.6 | 3.02 |
| L85N 89+00E (-) | <0.2 | 1.70 | 7 | <5 | 70 | <0.5 | <1 | 0.12 | <0.5 | 56 | 16.1 | 47.0 | 11.0 | 4.41 |
| L85N 89+50E (-) | <0.2 | 1.50 | 6 | <5 | 43 | <0.5 | <1 | 0.02 | <0.5 | 58 | 5.6 | 24.0 | 31.5 | 3.71 |
| L85N 90+00E (-) | <0.2 | 1.97 | 13 | <5 | 28 | <0.5 | <1 | 0.02 | <0.5 | 63 | 6.3 | 30.1 | 27.5 | 5.89 |
| L85N 90+50E (-) | <0.2 | 2.73 | 4 | <5 | 31 | <0.5 | <1 | 0.02 | <0.5 | 61 | 16.9 | 89.9 | 24.6 | 4.74 |
| L85N 91+00E (-) | <0.2 | 1.38 | 4 | <5 | 103 | <0.5 | <1 | 0.55 | <0.5 | 55 | 30.3 | 142 | 24.0 | 5.34 |
| L85N 91+50E (-) | <0.2 | 1.36 | 88 | <5 | 54 | 1.0 | <1 | 0.27 | <0.5 | 41 | 15.6 | 13.9 | 112 | 1.66 |
| L85N 92+00E (-) | <0.2 | 1.43 | 20 | <5 | 27 | <0.5 | <1 | 0.10 | <0.5 | 43 | 6.2 | 44.2 | 19.9 | 3.12 |
| L85N 92+50E (-) | <0.2 | 1.56 | 9 | <5 | 38 | <0.5 | <1 | 0.11 | <0.5 | 61 | 17.1 | 73.0 | 27.3 | 4.16 |
| L85N 93+00E (-) | <0.2 | 1.85 | 12 | <5 | 60 | <0.5 | <1 | 0.55 | <0.5 | 56 | 18.0 | 55.9 | 31.9 | 4.76 |
| L85N 93+50E (-) | <0.2 | 2.41 | 53 | <5 | 26 | <0.5 | <1 | 0.01 | <0.5 | 88 | 14.3 | 37.2 | 33.2 | 6.13 |
| L85N 94+00E (-) | <0.2 | 2.20 | 6 | <5 | 32 | <0.5 | <1 | 0.03 | <0.5 | 64 | 14.7 | 26.2 | 29.9 | 4.08 |
| L85N 94+50E (-) | <0.2 | 4.23 | 13 | 6 | 18 | 0.6 | <1 | 0.39 | <0.5 | 106 | 34.8 | 261 | 71.9 | 7.36 |
| L85N 95+00E (-) | <0.2 | 0.96 | 5 | <5 | 29 | <0.5 | <1 | 0.03 | <0.5 | 30 | 3.8 | 22.7 | 12.7 | 1.87 |
| L85N 95+50E (-) | <0.2 | 2.01 | 26 | <5 | 36 | <0.5 | <1 | 0.03 | <0.5 | 73 | 7.5 | 28.8 | 23.0 | 4.56 |
| L85N 96+00E (-) | <0.2 | 0.89 | 10 | <5 | 43 | <0.5 | <1 | 0.02 | <0.5 | 44 | 3.2 | 15.8 | 18.1 | 2.24 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L85N 96+50E (-) | <0.2 | 1.47 | 32 | <5 | 34 | <0.5 | <1 | 0.04 | <0.5 | 71 | 6.9 | 27.7 | 32.5 | 4.19 |
| L85N 97+00E (-) | <0.2 | 0.83 | 4 | <5 | 52 | <0.5 | <1 | 0.03 | <0.5 | 37 | 7.7 | 31.5 | 34.8 | 2.65 |
| L85N 97+50E (-) | <0.2 | 1.05 | 10 | <5 | 44 | <0.5 | <1 | 0.12 | <0.5 | 40 | 6.4 | 13.8 | 17.4 | 2.32 |
| L85N 98+00E (-) | <0.2 | 1.23 | 9 | <5 | 39 | <0.5 | <1 | 0.20 | <0.5 | 47 | 6.6 | 28.3 | 23.5 | 3.19 |
| L85N 98+50E (-) | <0.2 | 1.83 | 14 | <5 | 36 | <0.5 | <1 | 0.19 | <0.5 | 63 | 13.5 | 26.8 | 34.5 | 4.68 |
| L85N 99+00E (-) | <0.2 | 1.34 | 6 | <5 | 73 | <0.5 | <1 | 0.65 | <0.5 | 45 | 15.0 | 54.6 | 27.4 | 3.67 |
| L85N 99+50E (-) | <0.2 | 2.54 | 7 | <5 | 75 | 0.5 | <1 | 0.22 | <0.5 | 78 | 21.0 | 103 | 79.0 | 4.99 |
| L85N 100+00E (-) | <0.2 | 1.09 | 4 | <5 | 42 | <0.5 | <1 | 0.06 | <0.5 | 25 | 6.9 | 61.2 | 18.0 | 2.33 |
| L85N 100+50E (-) | <0.2 | 1.42 | 4 | <5 | 37 | <0.5 | <1 | 0.08 | <0.5 | 28 | 5.8 | 48.9 | 25.9 | 2.33 |
| L85N 101+00E (-) | <0.2 | 1.41 | 19 | <5 | 36 | <0.5 | <1 | 0.03 | <0.5 | 52 | 5.0 | 27.0 | 26.2 | 4.10 |
| L85N 101+50E (-) | <0.2 | 0.90 | 22 | <5 | 49 | <0.5 | <1 | 0.03 | <0.5 | 37 | 4.6 | 20.9 | 35.1 | 2.98 |
| L85N 102+00E (-) | <0.2 | 0.94 | 15 | <5 | 43 | <0.5 | <1 | 0.02 | <0.5 | 53 | 4.6 | 22.3 | 28.5 | 3.20 |
| L85N 102+50E (-) | <0.2 | 0.55 | 5 | <5 | 37 | <0.5 | <1 | 0.03 | <0.5 | 22 | 3.6 | 11.1 | 22.4 | 1.33 |
| L85N 103+00E (-) | <0.2 | 0.56 | 6 | <5 | 17 | <0.5 | <1 | 0.02 | <0.5 | 19 | 3.2 | 28.0 | 16.2 | 1.76 |
| L85N 103+50E (-) | <0.2 | 0.64 | 7 | <5 | 34 | <0.5 | <1 | 0.02 | <0.5 | 28 | 3.9 | 12.9 | 23.2 | 2.31 |
| L85N 104+00E (-) | <0.2 | 0.61 | 7 | <5 | 39 | <0.5 | <1 | 0.02 | <0.5 | 34 | 2.0 | 10.0 | 14.9 | 1.35 |
| L85N 104+50E (-) | <0.2 | 2.00 | 27 | <5 | 25 | <0.5 | <1 | 0.01 | <0.5 | 76 | 7.4 | 33.7 | 36.0 | 6.08 |
| L85N 105+00E (-) | <0.2 | 0.81 | 6 | <5 | 30 | <0.5 | <1 | 0.02 | <0.5 | 36 | 1.8 | 11.8 | 18.1 | 1.62 |
| L86N 85+00E (-) | <0.2 | 1.45 | 8 | <5 | 36 | <0.5 | <1 | 0.10 | <0.5 | 59 | 7.6 | 21.8 | 24.4 | 2.58 |
| L86N 85+50E (-) | <0.2 | 2.60 | 5 | <5 | 25 | <0.5 | <1 | 0.10 | <0.5 | 45 | 16.8 | 29.6 | 29.8 | 4.36 |
| L86N 86+00E (-) | <0.2 | 1.91 | 9 | <5 | 27 | 0.7 | <1 | 2.22 | <0.5 | 95 | 17.0 | 63.5 | 31.0 | 5.73 |
| L86N 86+50E (-) | <0.2 | 1.91 | 46 | <5 | 32 | 0.7 | <1 | 0.61 | <0.5 | 47 | 41.9 | 24.9 | 123 | 2.91 |
| L86N 87+00E (-) | <0.2 | 1.71 | 33 | <5 | 26 | <0.5 | <1 | 0.22 | <0.5 | 50 | 26.5 | 24.5 | 52.8 | 3.06 |
| L86N 87+50E (-) | <0.2 | 2.01 | 148 | <5 | 30 | <0.5 | <1 | 0.39 | <0.5 | 50 | 16.7 | 32.2 | 56.3 | 3.37 |
| L86N 88+00E (-) | <0.2 | 1.01 | 24 | <5 | 18 | <0.5 | <1 | 0.05 | <0.5 | 25 | 8.7 | 14.6 | 25.8 | 1.72 |
| L86N 88+50E (-) | <0.2 | 2.78 | 4 | <5 | 21 | <0.5 | <1 | 0.02 | <0.5 | 73 | 18.7 | 37.4 | 31.4 | 5.57 |
| L86N 89+00E (-) | <0.2 | 2.56 | 22 | <5 | 22 | 0.5 | <1 | 0.03 | <0.5 | 91 | 15.9 | 38.1 | 67.6 | 4.92 |
| L86N 89+50E (-) | <0.2 | 2.17 | 23 | <5 | 37 | <0.5 | <1 | 0.03 | <0.5 | 107 | 13.7 | 37.0 | 37.0 | 5.18 |
| L86N 90+00E (-) | <0.2 | 2.68 | 45 | <5 | 12 | 0.7 | <1 | 0.10 | <0.5 | 237 | 41.1 | 38.4 | 94.3 | 4.86 |
| L86N 90+50E (-) | <0.2 | 2.56 | 21 | <5 | 27 | 0.5 | <1 | 0.04 | <0.5 | 74 | 15.6 | 34.6 | 52.7 | 5.00 |
| L86N 91+00E (-) | <0.2 | 1.04 | 7 | <5 | 32 | <0.5 | <1 | 0.03 | <0.5 | 29 | 4.4 | 10.5 | 16.4 | 1.94 |
| L86N 91+50E (-) | <0.2 | 2.38 | 31 | <5 | 28 | <0.5 | <1 | 0.03 | <0.5 | 84 | 13.5 | 31.7 | 64.0 | 4.91 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| L86N 92+00E (-) | <0.2 | 2.33 | 21 | <5 | 14 | <0.5 | <1 | 0.08 | <0.5 | 92 | 13.9 | 33.5 | 37.1 | 4.45 |
| L86N 92+50E (-) | <0.2 | 2.15 | 28 | <5 | 54 | 0.5 | <1 | 0.01 | <0.5 | 64 | 22.2 | 29.9 | 65.4 | 3.95 |
| L86N 93+00E (-) | <0.2 | 2.45 | 30 | <5 | 45 | <0.5 | <1 | 0.01 | <0.5 | 86 | 12.5 | 30.4 | 37.5 | 4.59 |
| L86N 93+50E (-) | <0.2 | 0.93 | 3 | <5 | 27 | <0.5 | <1 | 0.07 | <0.5 | 34 | 3.2 | 9.2 | 25.2 | 1.57 |
| L86N 94+00E (-) | <0.2 | 1.56 | 5 | <5 | 47 | <0.5 | <1 | 0.03 | <0.5 | 58 | 21.7 | 22.2 | 31.5 | 2.95 |
| L86N 94+50E (-) | <0.2 | 3.06 | 13 | <5 | 18 | 0.5 | <1 | 0.13 | <0.5 | 108 | 20.7 | 64.8 | 79.8 | 4.84 |
| L86N 95+00E (-) | <0.2 | 4.26 | 6 | <5 | 19 | <0.5 | <1 | 0.17 | <0.5 | 75 | 17.8 | 96.6 | 60.2 | 5.71 |
| L86N 95+50E (-) | <0.2 | 2.16 | 16 | <5 | 65 | <0.5 | <1 | 0.03 | <0.5 | 71 | 15.6 | 86.4 | 25.8 | 5.05 |
| L86N 96+00E (-) | <0.2 | 0.24 | 1 | <5 | 11 | <0.5 | <1 | 0.03 | <0.5 | 9 | 1.5 | 4.2 | 7.9 | 0.60 |
| L86N 96+50E (-) | <0.2 | 1.05 | 13 | <5 | 22 | <0.5 | <1 | 0.02 | <0.5 | 44 | 4.6 | 18.2 | 22.2 | 2.86 |
| L86N 97+00E (-) | <0.2 | 2.45 | 10 | <5 | 29 | <0.5 | <1 | 0.02 | <0.5 | 72 | 13.5 | 46.5 | 26.3 | 4.64 |
| L86N 97+50E (-) | <0.2 | 2.58 | 7 | <5 | 50 | <0.5 | <1 | 0.19 | <0.5 | 84 | 25.2 | 176 | 26.0 | 5.84 |
| L86N 98+00E (-) | <0.2 | 2.43 | 16 | <5 | 44 | <0.5 | <1 | 0.12 | <0.5 | 115 | 21.3 | 104 | 28.4 | 5.31 |
| L86N 98+50E (-) | <0.2 | 0.98 | 4 | <5 | 32 | <0.5 | <1 | 0.16 | <0.5 | 27 | 4.7 | 38.6 | 24.1 | 1.55 |
| L86N 99+00E (-) | <0.2 | 1.03 | 3 | <5 | 26 | <0.5 | <1 | 0.09 | <0.5 | 25 | 6.1 | 53.0 | 16.5 | 1.81 |
| L86N 99+50E (-) | <0.2 | 1.35 | 6 | <5 | 64 | <0.5 | <1 | 0.03 | <0.5 | 56 | 8.5 | 19.3 | 14.0 | 2.54 |
| L86N 100+00E (-) | <0.2 | 2.02 | 13 | <5 | 54 | <0.5 | <1 | 0.07 | <0.5 | 74 | 16.4 | 63.7 | 39.8 | 4.51 |
| 19628 | <0.2 | 0.05 | 22 | <5 | 5 | <0.5 | <1 | 0.12 | <0.5 | 40 | 2.6 | 389 | 5.5 | 0.82 |
| 19629 | <0.2 | 0.42 | 4 | <5 | 4 | <0.5 | <1 | <0.01 | <0.5 | 33 | 1.9 | 344 | 18.0 | 2.69 |
| 19985 | 1.0 | 1.02 | 5 | <5 | 27 | <0.5 | <1 | 0.02 | <0.5 | 18 | 5.5 | 295 | 8.0 | 1.90 |
| SR 19944 | <0.2 | 0.22 | 44 | <5 | 12 | <0.5 | <1 | 0.06 | <0.5 | 15 | 2.8 | 320 | 11.6 | 1.13 |
| SR 19945 | <0.2 | 0.15 | 56 | <5 | 15 | <0.5 | <1 | 0.98 | <0.5 | 18 | 3.4 | 309 | 3.3 | 1.70 |
| SR 19946 | <0.2 | 0.50 | 20 | <5 | 20 | <0.5 | <1 | 0.32 | <0.5 | 38 | 5.5 | 238 | 4.3 | 1.40 |
| SR 19947 | <0.2 | 0.09 | 1200 | 7 | 10 | <0.5 | <1 | 4.41 | <0.5 | 16 | 2.5 | 229 | 1.3 | 5.53 |
| SR 19948 | <0.2 | 0.78 | 15 | <5 | 5 | <0.5 | <1 | 0.32 | 3.8 | 20 | 6.2 | 200 | 18.2 | 2.05 |
| SR 19949 | <0.2 | 0.06 | 29 | <5 | 7 | <0.5 | <1 | 8.24 | <0.5 | 12 | 1.9 | 189 | 2.4 | 0.72 |
| SR 19950 | <0.2 | 0.12 | 695 | <5 | 5 | <0.5 | <1 | 0.02 | <0.5 | 16 | 1.8 | 336 | 1.5 | 1.43 |
| SR 19951 | <0.2 | 0.12 | 32 | <5 | 8 | <0.5 | <1 | 0.55 | <0.5 | 16 | 5.7 | 292 | 16.7 | 1.23 |
| SR 19952 | <0.2 | 3.09 | 7 | 7 | 22 | <0.5 | <1 | 3.21 | <0.5 | 49 | 19.0 | 265 | 74.4 | 4.73 |
| SR 19953 | <0.2 | 1.52 | 18 | <5 | 456 | <0.5 | <1 | 0.17 | <0.5 | 57 | 15.0 | 46.1 | 200 | 4.38 |
| 99091 | <0.2 | 0.50 | 493 | <5 | 9 | 0.6 | <1 | 0.02 | <0.5 | 66 | 5.0 | 154 | 38.6 | 4.08 |
| 99092 | <0.2 | 2.16 | 3 | <5 | 30 | <0.5 | <1 | <0.01 | <0.5 | 34 | 1.2 | 84.5 | 25.8 | 2.16 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| Sample Description RDL: | 0.2 | 0.01 | 1 | 5 | 1 | 0.5 | 1 | 0.01 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 0.01 |
| 99093 | <0.2 | 0.11 | 1 | <5 | 2 | <0.5 | <1 | <0.01 | <0.5 | 6 | 4.6 | 294 | 17.3 | 1.14 |
| 99094 | <0.2 | 0.47 | 1520 | <5 | 4 | 0.6 | <1 | <0.01 | <0.5 | 43 | 1.9 | 87.7 | 46.6 | 6.02 |
| 99095 | 0.6 | 0.50 | 5 | <5 | 3 | <0.5 | <1 | 0.01 | <0.5 | 19 | 4.1 | 268 | 22.4 | 1.70 |
| 99096 | 0.8 | 0.27 | 3 | 5 | 11 | <0.5 | <1 | 0.01 | <0.5 | 18 | 1.3 | 287 | 7.4 | 1.15 |
| 65359 | 0.3 | 0.87 | >10000 | <5 | 11 | <0.5 | <1 | 0.01 | <0.5 | 29 | 6.8 | 98.8 | 8.5 | 2.37 |
| 65360 | <0.2 | 0.35 | 35 | <5 | 11 | <0.5 | <1 | <0.01 | <0.5 | 35 | 8.8 | 203 | 14.5 | 1.65 |
| 65361 | <0.2 | 0.20 | 17 | <5 | 3 | <0.5 | <1 | <0.01 | <0.5 | 15 | 1.4 | 309 | 4.4 | 0.79 |
| 65362 | <0.2 | 0.31 | 7 | <5 | 4 | <0.5 | <1 | 0.01 | <0.5 | 34 | 8.6 | 360 | 46.4 | 0.81 |
| 65363 | <0.2 | 0.24 | 2 | <5 | 4 | <0.5 | <1 | <0.01 | <0.5 | 25 | 0.9 | 190 | 5.5 | 1.17 |
| 65364 | <0.2 | 0.07 | <1 | <5 | <1 | <0.5 | <1 | <0.01 | <0.5 | 7 | 1.1 | 238 | 3.0 | 0.45 |
| 65365 | <0.2 | 0.34 | 11 | <5 | 11 | <0.5 | <1 | 0.01 | <0.5 | 95 | 3.7 | 228 | 15.4 | 3.12 |
| 65366 | <0.2 | 0.44 | 146 | <5 | 4 | <0.5 | <1 | <0.01 | <0.5 | 31 | 1.2 | 205 | 8.9 | 1.25 |
| 65367 | <0.2 | 0.38 | 7 | <5 | 11 | <0.5 | <1 | <0.01 | <0.5 | 24 | 0.9 | 162 | 4.6 | 1.21 |
| 65368 | <0.2 | 0.46 | 6 | <5 | 8 | <0.5 | <1 | <0.01 | <0.5 | 14 | 2.4 | 175 | 11.4 | 0.94 |
| 65369 | <0.2 | 0.07 | 2 | <5 | 2 | <0.5 | <1 | <0.01 | <0.5 | 3 | 1.0 | 307 | 1.6 | 0.43 |
| 65370 | <0.2 | 0.47 | 32 | <5 | 9 | <0.5 | <1 | 0.02 | <0.5 | 28 | 1.5 | 156 | 6.0 | 0.84 |
| 65371 | <0.2 | 0.32 | 34 | <5 | 8 | <0.5 | <1 | <0.01 | <0.5 | 17 | 2.2 | 125 | 18.9 | 2.13 |
| 65372 | <0.2 | 0.52 | 2 | <5 | 9 | <0.5 | <1 | <0.01 | <0.5 | 11 | 1.2 | 247 | 4.3 | 1.26 |
| 65373 | 0.4 | 1.09 | >10000 | <5 | 23 | <0.5 | <1 | 0.01 | <0.5 | 46 | 3.4 | 166 | 21.7 | 2.77 |
| 65374 | 0.4 | 0.95 | 4860 | <5 | 29 | <0.5 | <1 | <0.01 | <0.5 | 43 | 2.7 | 253 | 14.1 | 2.31 |
| 65375 | <0.2 | 0.26 | 40 | <5 | 9 | <0.5 | <1 | <0.01 | <0.5 | 24 | 1.5 | 227 | 9.0 | 0.94 |
| 65376 | <0.2 | 1.13 | 391 | <5 | 15 | <0.5 | <1 | 0.04 | <0.5 | 36 | 3.0 | 138 | 21.6 | 3.72 |
| 65377 | <0.2 | 0.15 | 6 | <5 | 4 | <0.5 | <1 | 0.19 | <0.5 | 24 | 2.9 | 348 | 3.3 | 0.63 |
| 65378 | 6.5 | 0.23 | >10000 | <5 | 20 | <0.5 | <1 | <0.01 | <0.5 | 46 | 1.3 | 359 | 26.5 | 1.53 |
| 65379 | 10.9 | 0.06 | 8760 | 5 | 11 | <0.5 | <1 | <0.01 | <0.5 | 12 | 2.0 | 394 | 8.6 | 1.24 |
| 65380 | 0.5 | 0.11 | >10000 | 14 | 17 | <0.5 | 3 | 0.02 | <0.5 | 18 | 2.8 | 347 | 4.5 | 1.39 |
| 65381 | 16.1 | 0.06 | 6830 | <5 | 8 | <0.5 | 6 | <0.01 | <0.5 | 9 | 1.2 | 386 | 19.9 | 1.42 |
| 65382 | 9.5 | 0.12 | >10000 | 16 | 6 | <0.5 | 6 | 0.09 | 1.1 | 22 | 1.7 | 411 | 5.8 | 1.41 |
| 65383 | 1.4 | 0.19 | 2060 | <5 | 6 | <0.5 | 1 | <0.01 | 1.1 | 21 | 1.4 | 335 | 8.9 | 0.77 |
| 65384 | <0.2 | 0.45 | 53 | <5 | 6 | <0.5 | <1 | 0.02 | <0.5 | 6 | 1.6 | 287 | 7.7 | 1.10 |
| 19638 | 0.2 | 0.93 | 414 | 13 | 50 | <0.5 | <1 | 1.85 | <0.5 | 27 | 63.3 | 172 | 53.3 | 10.5 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285667 (-) | <5 | <1 | <1 | 0.02 | 15 | 11 | 0.21 | 81 | 1.0 | <0.01 | 4.7 | 294 | 11.5 | <10 |
| E5285668 (-) | <5 | <1 | <1 | 0.02 | 23 | 22 | 0.45 | 163 | 1.1 | <0.01 | 9.5 | 317 | 18.2 | <10 |
| E5285669 (-) | <5 | <1 | <1 | 0.02 | 29 | 22 | 0.40 | 147 | 1.4 | <0.01 | 6.0 | 361 | 16.1 | <10 |
| E5285670 (-) | <5 | <1 | <1 | 0.03 | 27 | 18 | 0.36 | 138 | 1.2 | 0.01 | 6.3 | 477 | 13.9 | <10 |
| E5285671 (-) | <5 | <1 | <1 | 0.01 | 15 | 12 | 0.23 | 88 | 0.6 | <0.01 | 4.4 | 266 | 10.1 | <10 |
| E5285672 (-) | <5 | <1 | <1 | 0.02 | 24 | 10 | 0.16 | 72 | 0.9 | <0.01 | 4.0 | 288 | 12.5 | <10 |
| E5285673 (-) | <5 | <1 | <1 | 0.03 | 33 | 30 | 0.54 | 607 | 2.6 | <0.01 | 36.1 | 596 | 25.4 | <10 |
| E5285674 (-) | <5 | <1 | <1 | 0.04 | 38 | 34 | 0.61 | 629 | 2.9 | <0.01 | 40.0 | 674 | 26.0 | <10 |
| E5285675 (-) | <5 | <1 | <1 | 0.03 | 33 | 27 | 0.50 | 652 | 2.1 | <0.01 | 25.7 | 770 | 23.0 | <10 |
| E5285676 (-) | <5 | <1 | <1 | 0.03 | 33 | 28 | 0.48 | 189 | 1.9 | 0.01 | 7.3 | 414 | 14.1 | <10 |
| E5285677 (-) | <5 | <1 | <1 | 0.03 | 29 | 26 | 0.47 | 164 | 1.3 | <0.01 | 7.6 | 345 | 17.1 | <10 |
| E5285678 (-) | <5 | <1 | <1 | 0.04 | 36 | 30 | 0.61 | 235 | 2.1 | <0.01 | 10.1 | 452 | 22.3 | 11 |
| E5285679 (-) | <5 | <1 | <1 | 0.04 | 33 | 22 | 0.43 | 157 | 1.6 | <0.01 | 3.6 | 401 | 25.5 | 11 |
| E5285680 (-) | <5 | <1 | <1 | 0.03 | 21 | 21 | 0.42 | 161 | 1.4 | <0.01 | 5.4 | 302 | 14.1 | <10 |
| E5285681 (-) | <5 | <1 | <1 | 0.03 | 16 | 14 | 0.30 | 97 | 1.0 | <0.01 | 4.2 | 223 | 8.4 | <10 |
| E5285682 (-) | <5 | <1 | <1 | 0.02 | 17 | 13 | 0.26 | 79 | 0.5 | <0.01 | 5.1 | 231 | 14.6 | <10 |
| E5285683 (-) | <5 | <1 | <1 | 0.05 | 32 | 20 | 0.41 | 125 | 1.2 | <0.01 | 7.6 | 353 | 14.8 | 11 |
| E5285684 (-) | <5 | <1 | <1 | 0.04 | 17 | 10 | 0.21 | 76 | 0.6 | 0.01 | 3.8 | 367 | 7.1 | <10 |
| E5285685 (-) | <5 | <1 | <1 | 0.03 | 17 | 8 | 0.17 | 61 | 0.7 | 0.01 | 4.5 | 449 | 11.6 | <10 |
| E5285686 (-) | <5 | <1 | <1 | 0.03 | 25 | 16 | 0.33 | 104 | 1.0 | <0.01 | 6.6 | 305 | 10.1 | <10 |
| E5285687 (-) | <5 | <1 | <1 | 0.03 | 27 | 27 | 0.45 | 262 | 1.2 | <0.01 | 16.2 | 330 | 22.0 | <10 |
| E5285688 (-) | <5 | <1 | 2 | 0.02 | 16 | 8 | 0.16 | 102 | 1.2 | <0.01 | 5.1 | 425 | 12.0 | <10 |
| E5285689 (-) | <5 | <1 | <1 | 0.04 | 19 | 9 | 0.13 | 69 | <0.5 | <0.01 | 7.9 | 450 | 10.5 | 11 |
| E5285690 (-) | <5 | <1 | <1 | 0.03 | 15 | 13 | 0.26 | 145 | 0.9 | <0.01 | 6.2 | 275 | 9.4 | <10 |
| E5285691 (-) | <5 | <1 | <1 | 0.02 | 11 | 3 | 0.06 | 133 | 1.2 | <0.01 | 2.0 | 232 | 4.8 | <10 |
| E5285692 (-) | <5 | <1 | <1 | 0.03 | 24 | 23 | 0.35 | 382 | 1.0 | <0.01 | 28.1 | 322 | 36.6 | <10 |
| E5285693 (-) | <5 | <1 | <1 | 0.03 | 17 | 24 | 0.31 | 609 | 0.8 | <0.01 | 43.4 | 373 | 50.2 | <10 |
| E5285694 (-) | <5 | <1 | <1 | 0.03 | 29 | 40 | 0.64 | 508 | 2.1 | <0.01 | 39.2 | 392 | 33.7 | <10 |
| E5285695 (-) | <5 | <1 | <1 | 0.05 | 74 | 38 | 0.57 | 632 | 4.1 | <0.01 | 60.3 | 875 | 64.3 | <10 |
| E5285696 (-) | <5 | <1 | <1 | 0.04 | 81 | 40 | 0.55 | 643 | 4.2 | <0.01 | 60.4 | 907 | 62.3 | <10 |
| E5285697 (-) | <5 | <1 | <1 | 0.04 | 15 | 30 | 0.46 | 251 | 1.5 | <0.01 | 26.0 | 483 | 22.5 | <10 |
| E5285698 (-) | <5 | <1 | <1 | 0.04 | 39 | 29 | 0.48 | 364 | 2.2 | <0.01 | 22.9 | 435 | 27.4 | <10 |

Certified By: Ron Cardinall



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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285699 (-) | <5 | <1 | <1 | 0.04 | 35 | 33 | 0.50 | 435 | 2.1 | <0.01 | 31.3 | 646 | 41.0 | <10 |
| E5285700 (-) | <5 | <1 | <1 | 0.02 | 34 | 61 | 0.85 | 638 | 0.8 | <0.01 | 34.2 | 414 | 33.0 | <10 |
| E5285701 (-) | <5 | <1 | <1 | 0.02 | 14 | 25 | 0.37 | 600 | <0.5 | <0.01 | 14.6 | 356 | 27.7 | <10 |
| E5285702 (-) | <5 | <1 | <1 | 0.02 | 32 | 63 | 0.91 | 476 | 0.6 | <0.01 | 32.4 | 325 | 58.5 | <10 |
| E5285703 (-) | <5 | <1 | <1 | 0.02 | 17 | 43 | 0.70 | 271 | <0.5 | <0.01 | 20.8 | 229 | 17.3 | <10 |
| E5285704 (-) | <5 | <1 | <1 | 0.03 | 9 | 26 | 0.48 | 288 | 0.9 | 0.01 | 20.2 | 1160 | 10.2 | <10 |
| E5285705 (-) | <5 | <1 | <1 | 0.02 | 6 | 18 | 0.42 | 370 | 1.2 | 0.02 | 26.5 | 855 | 8.5 | <10 |
| E5285706 (-) | <5 | <1 | <1 | 0.04 | 20 | 45 | 1.02 | 502 | 1.3 | <0.01 | 47.2 | 816 | 12.4 | <10 |
| E5285707 (-) | <5 | <1 | <1 | 0.05 | 18 | 43 | 1.03 | 1120 | 0.9 | 0.01 | 26.7 | 737 | 18.3 | <10 |
| E5285708 (-) | <5 | <1 | <1 | 0.02 | 4 | 8 | 0.17 | 89 | <0.5 | 0.04 | 6.8 | 511 | 5.1 | <10 |
| E5285709 (-) | <5 | <1 | <1 | 0.06 | 23 | 46 | 1.54 | 1680 | 1.5 | <0.01 | 123 | 1450 | 9.7 | 11 |
| E5285710 (-) | <5 | <1 | <1 | 0.04 | 47 | 84 | 1.63 | 694 | 0.5 | <0.01 | 59.1 | 673 | 33.7 | <10 |
| E5285711 (-) | <5 | <1 | <1 | 0.04 | 27 | 66 | 0.90 | 920 | 1.5 | <0.01 | 36.1 | 871 | 30.6 | <10 |
| E5285712 (-) | <5 | <1 | <1 | 0.04 | 30 | 81 | 1.22 | 547 | 1.7 | <0.01 | 44.9 | 435 | 28.8 | <10 |
| E5285713 (-) | 7 | <1 | <1 | 0.04 | 25 | 91 | 2.84 | 1220 | 0.9 | <0.01 | 102 | 1200 | 12.1 | <10 |
| E5285714 (-) | 7 | <1 | <1 | 0.05 | 29 | 86 | 2.55 | 2490 | 1.6 | <0.01 | 98.7 | 1210 | 30.6 | 11 |
| E5285715 (-) | <5 | <1 | <1 | 0.06 | 18 | 35 | 0.75 | 458 | 1.7 | <0.01 | 26.5 | 1060 | 13.9 | 14 |
| E5285716 (-) | <5 | <1 | <1 | 0.04 | 29 | 51 | 1.05 | 442 | 1.3 | <0.01 | 38.8 | 640 | 13.0 | <10 |
| E5285160 (-) | <5 | <1 | <1 | 0.06 | 31 | 49 | 1.20 | 309 | 1.5 | <0.01 | 26.9 | 333 | 14.2 | 13 |
| E5285161 (-) | <5 | <1 | <1 | 0.04 | 25 | 35 | 0.60 | 1210 | 2.8 | <0.01 | 23.3 | 1170 | 27.9 | 12 |
| E5285162 (-) | <5 | <1 | <1 | 0.08 | 26 | 40 | 0.76 | 564 | 1.3 | <0.01 | 26.3 | 770 | 12.9 | 22 |
| E5285163 (-) | <5 | <1 | <1 | 0.03 | 20 | 8 | 0.13 | 1520 | 1.1 | <0.01 | 18.3 | 2940 | 20.0 | <10 |
| E5285164 (-) | <5 | <1 | <1 | 0.08 | 27 | 31 | 0.58 | 613 | 1.5 | <0.01 | 19.0 | 620 | 15.2 | 20 |
| E5285165 (-) | <5 | <1 | <1 | 0.07 | 28 | 58 | 1.02 | 1050 | 1.8 | <0.01 | 31.4 | 792 | 18.9 | 22 |
| E5285166 (-) | <5 | <1 | <1 | 0.05 | 27 | 35 | 0.64 | 334 | 1.9 | <0.01 | 29.0 | 405 | 16.9 | 10 |
| E5285167 (-) | <5 | <1 | <1 | 0.06 | 24 | 17 | 0.35 | 121 | <0.5 | <0.01 | 9.5 | 264 | 7.4 | 11 |
| E5285168 (-) | <5 | <1 | <1 | 0.07 | 33 | 58 | 1.22 | 679 | 0.9 | <0.01 | 46.1 | 375 | 17.5 | 13 |
| E5285169 (-) | <5 | <1 | <1 | 0.04 | 16 | 41 | 0.90 | 217 | 1.5 | 0.02 | 41.9 | 249 | 7.0 | <10 |
| E5285170 (-) | <5 | <1 | <1 | 0.03 | 54 | 53 | 0.99 | 610 | 1.4 | <0.01 | 37.1 | 400 | 14.0 | <10 |
| E5285171 (-) | <5 | <1 | <1 | 0.03 | 15 | 22 | 0.52 | 449 | 1.5 | <0.01 | 13.4 | 559 | 11.2 | <10 |
| E5285172 (-) | <5 | <1 | <1 | 0.06 | 34 | 50 | 0.91 | 433 | 0.6 | <0.01 | 29.7 | 477 | 13.4 | 14 |
| E5285173 (-) | <5 | <1 | <1 | 0.05 | 32 | 36 | 0.64 | 236 | 0.7 | <0.01 | 15.2 | 353 | 9.0 | 16 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285174 (-) | <5 | <1 | <1 | 0.05 | 31 | 43 | 0.75 | 300 | 1.0 | <0.01 | 25.3 | 304 | 14.4 | 15 |
| E5285175 (-) | <5 | <1 | <1 | 0.03 | 19 | 17 | 0.29 | 593 | 0.6 | 0.04 | 13.2 | 565 | 10.4 | <10 |
| E5285176 (-) | <5 | <1 | <1 | 0.05 | 56 | 65 | 1.06 | 800 | 0.9 | <0.01 | 45.3 | 633 | 30.9 | 10 |
| E5285177 (-) | <5 | <1 | <1 | 0.04 | 35 | 33 | 0.55 | 360 | 1.4 | <0.01 | 13.3 | 562 | 24.0 | <10 |
| E5285178 (-) | <5 | <1 | <1 | 0.11 | 81 | 75 | 1.15 | 745 | 2.1 | <0.01 | 17.2 | 618 | 47.1 | 18 |
| E5285179 (-) | <5 | <1 | <1 | 0.08 | 89 | 72 | 1.17 | 1340 | 1.3 | <0.01 | 54.6 | 804 | 62.1 | 16 |
| E5285180 (-) | <5 | <1 | <1 | 0.05 | 31 | 26 | 0.52 | 455 | 2.5 | 0.01 | 17.6 | 740 | 25.8 | 11 |
| E5285181 (-) | <5 | <1 | <1 | 0.07 | 56 | 47 | 0.85 | 524 | 1.5 | <0.01 | 70.8 | 267 | 24.9 | 16 |
| E5285182 (-) | <5 | <1 | <1 | 0.07 | 53 | 20 | 0.30 | 224 | 3.2 | <0.01 | 16.9 | 453 | 36.7 | 14 |
| E5285183 (-) | <5 | <1 | <1 | 0.11 | 32 | 25 | 0.60 | 236 | 2.0 | <0.01 | 5.2 | 457 | 32.1 | 25 |
| E5285184 (-) | <5 | <1 | <1 | 0.07 | 54 | 22 | 0.36 | 221 | 1.1 | <0.01 | 13.9 | 520 | 29.2 | 12 |
| E5285185 (-) | <5 | <1 | <1 | 0.05 | 67 | 46 | 0.72 | 565 | 1.8 | <0.01 | 68.8 | 353 | 28.8 | <10 |
| E5285186 (-) | <5 | <1 | <1 | 0.05 | 66 | 52 | 0.75 | 694 | 1.9 | <0.01 | 79.2 | 351 | 24.5 | 11 |
| E5285187 (-) | <5 | <1 | <1 | 0.06 | 56 | 38 | 0.67 | 255 | 1.6 | <0.01 | 9.8 | 429 | 31.2 | 14 |
| E5285188 (-) | <5 | <1 | <1 | 0.04 | 40 | 16 | 0.09 | 1520 | 1.3 | <0.01 | 82.3 | 424 | 41.0 | <10 |
| E5285189 (-) | <5 | <1 | <1 | 0.07 | 61 | 48 | 0.74 | 278 | 1.6 | <0.01 | 12.6 | 461 | 34.2 | 15 |
| E5285190 (-) | <5 | <1 | <1 | 0.03 | 24 | 41 | 0.75 | 531 | 3.7 | 0.01 | 16.7 | 772 | 51.4 | <10 |
| E5285191 (-) | <5 | <1 | <1 | 0.05 | 72 | 16 | 0.36 | 169 | 0.9 | <0.01 | 3.5 | 475 | 28.9 | 10 |
| E5285192 (-) | <5 | <1 | <1 | 0.03 | 26 | 15 | 0.24 | 151 | 0.8 | <0.01 | 30.6 | 665 | 32.7 | <10 |
| E5285193 (-) | <5 | <1 | <1 | 0.01 | 37 | 6 | 0.08 | 61 | 0.7 | <0.01 | 9.8 | 907 | 14.6 | <10 |
| E5285194 (-) | <5 | <1 | <1 | 0.04 | 87 | 16 | 0.37 | 123 | 0.7 | <0.01 | 6.7 | 566 | 42.7 | <10 |
| E5285195 (-) | <5 | <1 | <1 | 0.07 | 54 | 24 | 0.61 | 235 | 4.5 | <0.01 | 2.4 | 479 | 42.5 | 15 |
| E5285196 (-) | <5 | <1 | <1 | 0.05 | 23 | 21 | 0.53 | 175 | 1.7 | <0.01 | 4.7 | 524 | 91.1 | <10 |
| E5285197 (-) | <5 | <1 | <1 | 0.02 | 25 | 23 | 0.43 | 215 | 2.0 | <0.01 | 20.6 | 648 | 22.2 | <10 |
| E5285198 (-) | <5 | <1 | <1 | 0.06 | 13 | 50 | 0.93 | 341 | 3.6 | <0.01 | 9.5 | 507 | 22.1 | 14 |
| E5285199 (-) | <5 | <1 | <1 | 0.04 | 51 | 49 | 0.72 | 685 | 1.5 | <0.01 | 32.6 | 522 | 27.2 | <10 |
| E5285200 (-) | <5 | <1 | <1 | 0.01 | 46 | 40 | 0.48 | 308 | <0.5 | <0.01 | 65.6 | 282 | 43.8 | <10 |
| E5285201 (-) | <5 | <1 | <1 | 0.05 | 28 | 32 | 0.68 | 196 | 2.3 | <0.01 | 3.7 | 463 | 21.0 | 11 |
| E5285202 (-) | <5 | <1 | <1 | 0.04 | 48 | 34 | 0.60 | 330 | 1.2 | <0.01 | 39.4 | 606 | 71.6 | <10 |
| E5285203 (-) | <5 | <1 | <1 | 0.06 | 40 | 34 | 0.52 | 793 | 3.8 | <0.01 | 52.7 | 536 | 20.8 | 11 |
| E5285204 (-) | <5 | <1 | <1 | 0.03 | 38 | 10 | 0.17 | 171 | 1.5 | <0.01 | 21.6 | 1080 | 39.5 | <10 |
| E5285205 (-) | <5 | <1 | <1 | 0.04 | 61 | 10 | 0.20 | 244 | 1.6 | <0.01 | 30.2 | 654 | 24.2 | <10 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5285206 (-) | <5 | <1 | <1 | 0.05 | 55 | 15 | 0.26 | 166 | 1.8 | <0.01 | 18.7 | 1260 | 29.7 | 12 |
| E5285207 (-) | <5 | <1 | <1 | 0.02 | 28 | 12 | 0.06 | 974 | <0.5 | <0.01 | 245 | 935 | 56.0 | <10 |
| E5285208 (-) | <5 | <1 | <1 | 0.03 | 19 | 50 | 0.99 | 502 | 1.6 | <0.01 | 15.6 | 527 | 22.9 | <10 |
| E5285209 (-) | <5 | <1 | <1 | 0.04 | 64 | 33 | 0.61 | 441 | 1.6 | <0.01 | 45.6 | 622 | 35.3 | <10 |
| E5285210 (-) | <5 | <1 | <1 | 0.05 | 76 | 45 | 0.78 | 300 | 3.0 | <0.01 | 4.8 | 832 | 68.0 | 13 |
| E5285211 (-) | <5 | <1 | <1 | 0.05 | 52 | 19 | 0.44 | 217 | 2.3 | 0.02 | 9.9 | 668 | 15.0 | <10 |
| E5285212 (-) | <5 | <1 | <1 | 0.01 | 15 | 17 | 0.23 | 111 | <0.5 | <0.01 | 15.0 | 329 | 9.2 | <10 |
| E5285213 (-) | <5 | <1 | <1 | 0.02 | 22 | 20 | 0.20 | 51 | <0.5 | <0.01 | 5.4 | 385 | 18.8 | <10 |
| E5285214 (-) | <5 | <1 | <1 | 0.04 | 40 | 23 | 0.38 | 155 | 1.2 | <0.01 | 28.8 | 400 | 18.4 | <10 |
| E5285593 (-) | <5 | <1 | <1 | 0.05 | 57 | 35 | 0.66 | 407 | 2.8 | <0.01 | 21.9 | 650 | 37.3 | <10 |
| E5285594 (-) | <5 | <1 | <1 | 0.04 | 47 | 34 | 0.77 | 340 | 4.0 | <0.01 | 13.4 | 660 | 37.4 | <10 |
| E5285595 (-) | <5 | <1 | <1 | 0.05 | 56 | 35 | 0.67 | 367 | 1.9 | <0.01 | 20.3 | 518 | 34.5 | <10 |
| E5285596 (-) | <5 | <1 | <1 | 0.06 | 56 | 30 | 0.66 | 714 | 5.9 | <0.01 | 35.1 | 816 | 105 | 11 |
| E5285597 (-) | <5 | <1 | <1 | 0.06 | 64 | 44 | 0.78 | 988 | 3.3 | <0.01 | 41.1 | 811 | 75.0 | 11 |
| E5285598 (-) | <5 | <1 | <1 | 0.05 | 47 | 35 | 0.66 | 368 | 2.7 | <0.01 | 19.7 | 546 | 35.7 | <10 |
| E5285599 (-) | <5 | <1 | <1 | 0.04 | 72 | 35 | 0.62 | 619 | 1.9 | <0.01 | 40.6 | 522 | 32.3 | <10 |
| E5285600 (-) | <5 | <1 | <1 | 0.05 | 63 | 38 | 0.73 | 351 | 1.5 | <0.01 | 20.4 | 506 | 31.3 | 10 |
| E5285601 (-) | <5 | <1 | <1 | 0.05 | 61 | 37 | 0.69 | 315 | 1.6 | <0.01 | 16.0 | 469 | 30.3 | 10 |
| E5285602 (-) | <5 | <1 | <1 | 0.05 | 35 | 26 | 0.48 | 359 | 1.4 | 0.01 | 16.5 | 529 | 19.2 | 11 |
| E5285603 (-) | <5 | <1 | <1 | 0.07 | 43 | 35 | 0.66 | 453 | 2.2 | 0.01 | 28.3 | 593 | 22.9 | 14 |
| E5285604 (-) | <5 | <1 | <1 | 0.06 | 35 | 29 | 0.51 | 272 | 1.0 | <0.01 | 14.7 | 453 | 19.1 | 14 |
| E5285605 (-) | <5 | <1 | <1 | 0.05 | 36 | 23 | 0.42 | 179 | 1.0 | 0.02 | 17.8 | 378 | 18.6 | 11 |
| E5285606 (-) | <5 | <1 | <1 | 0.05 | 51 | 37 | 0.65 | 304 | 1.1 | <0.01 | 21.5 | 382 | 18.2 | 11 |
| E5285607 (-) | <5 | <1 | <1 | 0.05 | 46 | 40 | 0.71 | 382 | 1.2 | <0.01 | 20.4 | 416 | 25.2 | <10 |
| E5285608 (-) | <5 | <1 | <1 | 0.04 | 28 | 23 | 0.44 | 282 | 1.7 | 0.01 | 19.6 | 512 | 13.8 | <10 |
| E5285609 (-) | <5 | <1 | <1 | 0.03 | 28 | 26 | 0.43 | 259 | 1.0 | 0.01 | 18.1 | 454 | 21.3 | <10 |
| E5285610 (-) | <5 | <1 | <1 | 0.04 | 39 | 29 | 0.51 | 277 | 2.0 | <0.01 | 22.8 | 533 | 20.7 | 12 |
| E5285611 (-) | <5 | <1 | <1 | 0.05 | 44 | 35 | 0.62 | 406 | 2.2 | <0.01 | 24.3 | 439 | 19.6 | 10 |
| E5285612 (-) | <5 | <1 | <1 | 0.03 | 11 | 7 | 0.13 | 55 | 1.1 | 0.02 | 4.9 | 352 | 8.0 | <10 |
| E5286132 (-) | <5 | <1 | <1 | 0.05 | 35 | 32 | 0.47 | 255 | 2.3 | <0.01 | 18.6 | 602 | 51.9 | 12 |
| E5286133 (-) | <5 | <1 | <1 | 0.05 | 25 | 31 | 0.53 | 423 | 1.9 | 0.01 | 24.4 | 573 | 23.5 | 10 |
| E5286134 (-) | <5 | <1 | <1 | 0.04 | 29 | 32 | 0.53 | 330 | 2.2 | <0.01 | 22.6 | 578 | 19.0 | <10 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| E5286135 (-) | <5 | <1 | <1 | 0.05 | 46 | 43 | 0.67 | 569 | 3.8 | <0.01 | 42.2 | 924 | 48.3 | 11 |
| E5286136 (-) | <5 | <1 | <1 | 0.05 | 44 | 39 | 0.70 | 383 | 2.7 | <0.01 | 26.6 | 685 | 43.3 | <10 |
| E5286137 (-) | <5 | <1 | <1 | 0.05 | 36 | 37 | 0.66 | 337 | 3.2 | <0.01 | 20.2 | 678 | 43.2 | 11 |
| E5286138 (-) | <5 | <1 | <1 | 0.06 | 42 | 49 | 0.91 | 403 | 3.9 | <0.01 | 21.5 | 707 | 58.8 | 11 |
| E5286139 (-) | <5 | <1 | <1 | 0.03 | 18 | 34 | 0.53 | 1100 | 1.4 | 0.03 | 20.8 | 487 | 28.2 | <10 |
| E5286140 (-) | <5 | <1 | <1 | 0.06 | 22 | 64 | 1.00 | 1000 | 1.5 | 0.01 | 35.5 | 763 | 35.8 | 12 |
| E5286141 (-) | <5 | <1 | <1 | 0.04 | 28 | 77 | 1.23 | 768 | 0.6 | <0.01 | 39.1 | 518 | 25.1 | <10 |
| E5286142 (-) | <5 | <1 | <1 | 0.03 | 24 | 18 | 0.32 | 1410 | 1.1 | <0.01 | 28.2 | 264 | 26.5 | <10 |
| E5286143 (-) | <5 | <1 | <1 | 0.03 | 16 | 24 | 0.44 | 397 | 1.1 | 0.02 | 18.3 | 508 | 13.9 | <10 |
| E5286144 (-) | <5 | <1 | <1 | 0.03 | 30 | 68 | 1.07 | 1080 | 1.4 | <0.01 | 35.3 | 434 | 29.9 | <10 |
| E5286145 (-) | <5 | <1 | <1 | 0.04 | 14 | 20 | 0.46 | 602 | 0.7 | 0.02 | 23.1 | 1150 | 10.3 | 10 |
| E5286146 (-) | 5 | <1 | <1 | 0.04 | 39 | 86 | 1.88 | 933 | 1.1 | <0.01 | 63.5 | 614 | 30.4 | <10 |
| E5286147 (-) | <5 | <1 | <1 | 0.06 | 17 | 25 | 0.49 | 709 | 2.2 | 0.01 | 20.6 | 865 | 19.8 | 15 |
| E5286148 (-) | <5 | <1 | <1 | 0.04 | 12 | 28 | 0.45 | 361 | 1.3 | 0.01 | 21.7 | 582 | 21.2 | <10 |
| E5286149 (-) | <5 | <1 | <1 | 0.06 | 20 | 81 | 1.30 | 1920 | 1.9 | <0.01 | 41.5 | 619 | 30.4 | 12 |
| E5286150 (-) | <5 | <1 | <1 | 0.03 | 26 | 61 | 0.81 | 4580 | 2.6 | <0.01 | 52.3 | 506 | 47.7 | <10 |
| E5286151 (-) | <5 | <1 | <1 | 0.03 | 26 | 64 | 1.03 | 1390 | 2.0 | <0.01 | 37.8 | 655 | 17.7 | <10 |
| E5286152 (-) | <5 | <1 | <1 | 0.05 | 19 | 59 | 0.96 | 2020 | 1.1 | <0.01 | 39.6 | 924 | 32.3 | 11 |
| L81N 92+00E (-) | <5 | <1 | <1 | 0.06 | 33 | 69 | 1.12 | 530 | 1.4 | <0.01 | 43.8 | 166 | 22.1 | 15 |
| L81N 92+50E (-) | <5 | <1 | <1 | 0.05 | 39 | 65 | 1.08 | 559 | 1.3 | <0.01 | 41.3 | 186 | 21.8 | 14 |
| L81N 93+00E (-) | <5 | <1 | <1 | 0.04 | 29 | 57 | 0.86 | 469 | 2.1 | <0.01 | 32.4 | 441 | 16.6 | 13 |
| L81N 93+50E (-) | <5 | <1 | <1 | 0.05 | 29 | 57 | 0.88 | 547 | 2.0 | <0.01 | 32.9 | 333 | 17.7 | 14 |
| L81N 94+50E (-) | <5 | <1 | <1 | 0.02 | 8 | 4 | 0.08 | 60 | 0.7 | 0.02 | 5.5 | 281 | 4.7 | <10 |
| L81N 95+00E (-) | <5 | <1 | <1 | 0.02 | 3 | 2 | 0.06 | 129 | <0.5 | 0.03 | 2.6 | 303 | 2.4 | <10 |
| L81N 95+50E (-) | <5 | <1 | <1 | 0.04 | 15 | 12 | 0.20 | 1370 | 1.1 | 0.01 | 12.4 | 944 | 18.7 | 12 |
| L81N 96+00E (-) | <5 | <1 | <1 | 0.03 | 13 | 8 | 0.14 | 463 | 1.6 | 0.01 | 11.4 | 733 | 16.7 | <10 |
| L81N 96+50E (-) | <5 | <1 | <1 | 0.05 | 19 | 12 | 0.23 | 464 | 1.1 | 0.01 | 11.5 | 670 | 10.7 | 15 |
| L81N 97+00E (-) | <5 | <1 | <1 | 0.03 | 19 | 21 | 0.37 | 265 | 0.6 | 0.01 | 13.2 | 398 | 9.8 | 12 |
| L81N 97+50E (-) | <5 | <1 | <1 | 0.03 | 18 | 12 | 0.22 | 314 | 1.1 | 0.01 | 15.2 | 900 | 14.1 | <10 |
| L81N 98+00E (-) | <5 | <1 | <1 | 0.03 | 10 | 9 | 0.16 | 138 | 0.5 | 0.02 | 9.8 | 497 | 9.0 | <10 |
| L81N 98+50E (-) | <5 | <1 | <1 | 0.06 | 22 | 32 | 0.55 | 607 | 1.4 | <0.01 | 19.2 | 591 | 15.7 | 16 |
| L81N 99+00E (-) | <5 | <1 | <1 | 0.05 | 11 | 5 | 0.10 | 2740 | 0.9 | 0.02 | 8.7 | 1130 | 12.3 | 20 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L81N 99+50E (-) | <5 | <1 | <1 | 0.05 | 15 | 5 | 0.10 | 4830 | 1.7 | 0.01 | 12.4 | 1200 | 16.4 | 21 |
| L81N 100+00E (-) | <5 | <1 | <1 | 0.04 | 22 | 26 | 0.49 | 508 | 1.4 | <0.01 | 21.8 | 766 | 15.3 | 14 |
| L81N 100+50E (-) | <5 | <1 | <1 | 0.05 | 19 | 16 | 0.33 | 679 | 1.9 | 0.01 | 24.3 | 827 | 11.8 | 13 |
| L81N 101+00E (-) | <5 | <1 | <1 | 0.03 | 27 | 36 | 0.62 | 643 | 1.7 | <0.01 | 28.8 | 714 | 15.7 | 10 |
| L81N 101+50E (-) | <5 | <1 | <1 | 0.03 | 25 | 44 | 0.75 | 562 | 2.6 | <0.01 | 30.3 | 470 | 19.3 | <10 |
| L81N 102+00E (-) | <5 | <1 | <1 | 0.04 | 20 | 10 | 0.27 | 265 | 1.3 | 0.02 | 18.8 | 527 | 8.9 | 11 |
| L81N 102+50E (-) | <5 | <1 | <1 | 0.03 | 12 | 6 | 0.13 | 960 | <0.5 | 0.02 | 6.9 | 454 | 5.6 | <10 |
| L81N 103+00E (-) | <5 | <1 | <1 | 0.03 | 14 | 10 | 0.20 | 241 | 1.0 | 0.02 | 10.2 | 798 | 8.9 | <10 |
| L81N 103+50E (-) | <5 | <1 | <1 | 0.08 | 31 | 44 | 0.79 | 397 | <0.5 | <0.01 | 23.4 | 496 | 11.5 | 17 |
| L81N 104+00E (-) | <5 | <1 | <1 | 0.06 | 23 | 24 | 0.46 | 465 | 1.1 | <0.01 | 15.2 | 746 | 11.9 | 14 |
| L81N 104+50E (-) | <5 | <1 | <1 | 0.08 | 27 | 22 | 0.43 | 322 | 1.4 | <0.01 | 15.9 | 760 | 13.0 | 19 |
| L81N 105+00E (-) | <5 | <1 | <1 | 0.06 | 32 | 50 | 0.88 | 512 | 1.5 | <0.01 | 27.9 | 473 | 18.7 | 11 |
| L83N 91+00E (-) | <5 | <1 | <1 | 0.02 | 12 | 6 | 0.09 | 340 | 0.6 | 0.01 | 6.2 | 224 | 7.9 | <10 |
| L83N 91+50E (-) | <5 | <1 | <1 | 0.07 | 34 | 66 | 1.24 | 805 | 1.8 | <0.01 | 59.2 | 421 | 15.4 | 10 |
| L83N 92+00E (-) | <5 | <1 | <1 | 0.04 | 38 | 49 | 0.91 | 587 | 1.0 | <0.01 | 32.8 | 611 | 18.4 | 14 |
| L83N 92+50E (-) | <5 | <1 | <1 | 0.04 | 16 | 12 | 0.25 | 295 | 0.5 | 0.02 | 9.5 | 609 | 10.5 | <10 |
| L83N 93+00E (-) | <5 | <1 | <1 | 0.03 | 12 | 10 | 0.16 | 210 | 0.5 | 0.02 | 9.1 | 984 | 14.5 | <10 |
| L83N 93+50E (-) | <5 | <1 | <1 | 0.04 | 20 | 21 | 0.34 | 1080 | 1.1 | 0.02 | 15.6 | 588 | 29.4 | <10 |
| L83N 94+00E (-) | <5 | <1 | <1 | 0.03 | 8 | 7 | 0.13 | 129 | <0.5 | 0.03 | 5.3 | 280 | 6.1 | <10 |
| L83N 94+50E (-) | <5 | <1 | <1 | 0.04 | 8 | 2 | 0.05 | 1390 | 0.9 | 0.03 | 6.0 | 766 | 15.6 | 12 |
| L83N 95+00E (-) | <5 | <1 | <1 | 0.07 | 27 | 24 | 0.37 | 389 | 1.4 | 0.01 | 19.4 | 632 | 20.2 | 15 |
| L83N 95+50E (-) | <5 | <1 | <1 | 0.06 | 26 | 24 | 0.42 | 541 | 1.1 | 0.02 | 21.7 | 567 | 33.0 | 14 |
| L83N 96+00E (-) | <5 | <1 | <1 | 0.08 | 31 | 51 | 0.92 | 641 | 1.5 | <0.01 | 30.4 | 611 | 21.5 | 16 |
| L83N 96+50E (-) | <5 | <1 | <1 | 0.07 | 29 | 18 | 0.33 | 1110 | 1.2 | 0.01 | 16.8 | 1550 | 18.8 | 19 |
| L83N 97+00E (-) | <5 | <1 | <1 | 0.08 | 51 | 53 | 0.87 | 480 | 2.0 | <0.01 | 38.2 | 570 | 24.5 | 14 |
| L83N 97+50E (-) | <5 | <1 | <1 | 0.06 | 34 | 29 | 0.53 | 645 | 1.3 | 0.01 | 19.4 | 784 | 15.4 | 13 |
| L83N 98+00E (-) | <5 | <1 | <1 | 0.05 | 23 | 20 | 0.36 | 656 | <0.5 | 0.01 | 15.9 | 1050 | 12.3 | 11 |
| L83N 98+50E (-) | <5 | <1 | <1 | 0.08 | 31 | 46 | 0.77 | 672 | 0.7 | <0.01 | 26.1 | 471 | 16.1 | 18 |
| L83N 99+00E (-) | <5 | <1 | <1 | 0.04 | 36 | 39 | 0.64 | 477 | 0.8 | <0.01 | 30.3 | 568 | 11.7 | 11 |
| L83N 99+50E (-) | <5 | <1 | <1 | 0.05 | 27 | 39 | 0.71 | 789 | 0.9 | <0.01 | 26.0 | 628 | 21.0 | 13 |
| L83N 100+00E (-) | <5 | <1 | <1 | 0.04 | 27 | 16 | 0.17 | 1000 | 1.8 | <0.01 | 42.0 | 423 | 7.2 | <10 |
| L83N 100+50E (-) | <5 | <1 | <1 | 0.04 | 27 | 47 | 0.79 | 672 | 1.0 | <0.01 | 26.6 | 721 | 15.3 | 11 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L83N 101+00E (-) | <5 | <1 | <1 | 0.03 | 19 | 26 | 0.46 | 474 | 1.2 | 0.01 | 15.5 | 634 | 11.3 | <10 |
| L83N 101+50E (-) | <5 | <1 | <1 | 0.04 | 19 | 16 | 0.34 | 961 | 0.7 | 0.01 | 13.0 | 678 | 10.3 | 11 |
| L83N 102+00E (-) | <5 | <1 | <1 | 0.02 | 20 | 18 | 0.43 | 418 | 0.7 | 0.01 | 14.9 | 461 | 6.3 | <10 |
| L83N 102+50E (-) | <5 | <1 | <1 | 0.04 | 22 | 28 | 0.49 | 412 | 1.9 | <0.01 | 18.3 | 1140 | 13.3 | <10 |
| L83N 103+00E (-) | <5 | <1 | <1 | 0.04 | 16 | 19 | 0.36 | 531 | 0.9 | 0.01 | 14.4 | 692 | 11.3 | <10 |
| L83N 103+50E (-) | <5 | <1 | <1 | 0.04 | 24 | 16 | 0.28 | 172 | <0.5 | 0.01 | 9.9 | 475 | 7.3 | <10 |
| L83N 104+00E (-) | 5 | <1 | <1 | 0.05 | 27 | 29 | 0.52 | 308 | 1.3 | <0.01 | 16.9 | 705 | 12.9 | 15 |
| L83N 104+50E (-) | <5 | <1 | <1 | 0.05 | 25 | 27 | 0.47 | 557 | 1.8 | <0.01 | 18.9 | 1330 | 16.7 | 15 |
| L83N 105+00E (-) | <5 | <1 | <1 | 0.05 | 25 | 34 | 0.60 | 610 | 2.0 | <0.01 | 23.8 | 947 | 17.9 | 13 |
| L85N 85+00E (-) | <5 | <1 | <1 | 0.06 | 25 | 41 | 0.63 | 355 | 2.1 | 0.01 | 24.1 | 419 | 10.9 | 16 |
| L85N 85+50E (-) | <5 | <1 | <1 | 0.05 | 37 | 56 | 0.95 | 560 | 1.5 | 0.01 | 40.0 | 586 | 17.2 | <10 |
| L85N 86+00E (-) | <5 | <1 | <1 | 0.04 | 31 | 57 | 1.04 | 482 | 1.6 | 0.01 | 51.0 | 673 | 13.2 | <10 |
| L85N 86+50E (-) | <5 | <1 | <1 | 0.04 | 20 | 25 | 0.45 | 391 | 1.4 | 0.03 | 18.2 | 457 | 5.8 | <10 |
| L85N 87+00E (-) | <5 | <1 | <1 | 0.05 | 24 | 60 | 1.11 | 591 | 2.7 | 0.01 | 40.7 | 963 | 21.6 | 10 |
| L85N 87+50E (-) | <5 | <1 | <1 | 0.05 | 33 | 34 | 0.90 | 752 | 1.2 | 0.01 | 28.4 | 560 | 12.1 | 16 |
| L85N 88+00E (-) | <5 | <1 | <1 | 0.06 | 28 | 55 | 0.93 | 591 | 2.7 | <0.01 | 43.2 | 373 | 15.3 | 13 |
| L85N 88+50E (-) | <5 | <1 | <1 | 0.04 | 26 | 37 | 0.86 | 166 | 0.9 | <0.01 | 26.1 | 367 | 3.8 | <10 |
| L85N 89+00E (-) | <5 | <1 | <1 | 0.04 | 22 | 47 | 0.75 | 646 | 1.7 | 0.01 | 39.5 | 263 | 9.7 | 12 |
| L85N 89+50E (-) | <5 | <1 | <1 | 0.05 | 24 | 29 | 0.57 | 728 | 2.0 | 0.01 | 17.0 | 838 | 7.9 | 13 |
| L85N 90+00E (-) | <5 | <1 | <1 | 0.03 | 25 | 42 | 0.77 | 336 | 1.3 | <0.01 | 22.7 | 1180 | 15.6 | <10 |
| L85N 90+50E (-) | <5 | <1 | <1 | 0.03 | 25 | 78 | 1.66 | 734 | 1.8 | <0.01 | 51.0 | 999 | 19.8 | <10 |
| L85N 91+00E (-) | <5 | <1 | <1 | 0.03 | 21 | 34 | 0.78 | 3750 | 2.2 | 0.01 | 121 | 1160 | 4.9 | 13 |
| L85N 91+50E (-) | <5 | <1 | <1 | 0.06 | 40 | 18 | 0.29 | 949 | 2.1 | 0.03 | 24.0 | 1260 | 46.9 | 14 |
| L85N 92+00E (-) | <5 | <1 | <1 | 0.03 | 17 | 41 | 0.81 | 348 | 1.2 | 0.01 | 29.5 | 467 | 7.0 | <10 |
| L85N 92+50E (-) | <5 | <1 | <1 | 0.05 | 23 | 44 | 0.86 | 927 | 1.7 | 0.01 | 62.8 | 828 | 8.0 | 13 |
| L85N 93+00E (-) | <5 | <1 | <1 | 0.06 | 19 | 50 | 0.95 | 2000 | 1.6 | <0.01 | 47.4 | 995 | 11.5 | 19 |
| L85N 93+50E (-) | <5 | <1 | <1 | 0.04 | 36 | 66 | 1.25 | 335 | 3.0 | <0.01 | 33.6 | 528 | 19.8 | 10 |
| L85N 94+00E (-) | <5 | <1 | <1 | 0.05 | 22 | 64 | 1.23 | 572 | 0.7 | <0.01 | 28.2 | 510 | 7.9 | 11 |
| L85N 94+50E (-) | 7 | <1 | <1 | 0.02 | 36 | 141 | 3.02 | 1970 | 1.5 | <0.01 | 137 | 1300 | 11.2 | <10 |
| L85N 95+00E (-) | <5 | <1 | <1 | 0.03 | 12 | 15 | 0.31 | 262 | 0.9 | 0.02 | 13.2 | 705 | 5.1 | <10 |
| L85N 95+50E (-) | <5 | <1 | <1 | 0.05 | 31 | 52 | 0.91 | 513 | 1.2 | <0.01 | 25.6 | 564 | 12.5 | <10 |
| L85N 96+00E (-) | <5 | <1 | <1 | 0.05 | 19 | 9 | 0.18 | 323 | 1.0 | 0.02 | 7.8 | 816 | 9.8 | 12 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L85N 96+50E (-) | <5 | <1 | <1 | 0.04 | 27 | 32 | 0.61 | 425 | 1.0 | <0.01 | 21.9 | 1220 | 13.9 | 11 |
| L85N 97+00E (-) | <5 | <1 | <1 | 0.04 | 15 | 15 | 0.35 | 1030 | 0.8 | 0.02 | 21.4 | 1090 | 9.1 | 11 |
| L85N 97+50E (-) | <5 | <1 | <1 | 0.03 | 15 | 23 | 0.43 | 563 | 1.1 | 0.02 | 14.2 | 535 | 13.3 | <10 |
| L85N 98+00E (-) | <5 | <1 | <1 | 0.03 | 18 | 32 | 0.62 | 421 | 1.5 | 0.01 | 23.3 | 864 | 6.6 | <10 |
| L85N 98+50E (-) | <5 | <1 | <1 | 0.04 | 24 | 47 | 0.85 | 520 | 1.9 | <0.01 | 28.7 | 646 | 12.9 | <10 |
| L85N 99+00E (-) | <5 | <1 | <1 | 0.04 | 21 | 19 | 0.48 | 943 | 1.6 | 0.02 | 48.5 | 1410 | 7.4 | <10 |
| L85N 99+50E (-) | <5 | <1 | <1 | 0.05 | 28 | 81 | 1.95 | 1040 | 1.0 | <0.01 | 70.3 | 1130 | 10.5 | 13 |
| L85N 100+00E (-) | <5 | <1 | <1 | 0.03 | 10 | 19 | 0.49 | 474 | 0.7 | 0.03 | 30.9 | 833 | 8.3 | <10 |
| L85N 100+50E (-) | <5 | <1 | <1 | 0.03 | 11 | 22 | 0.53 | 560 | 1.0 | 0.02 | 22.6 | 917 | 5.8 | <10 |
| L85N 101+00E (-) | 5 | <1 | <1 | 0.04 | 19 | 20 | 0.41 | 484 | 1.5 | <0.01 | 15.3 | 866 | 10.2 | <10 |
| L85N 101+50E (-) | <5 | <1 | <1 | 0.04 | 13 | 14 | 0.28 | 1030 | 1.3 | 0.02 | 12.6 | 1420 | 12.5 | 10 |
| L85N 102+00E (-) | <5 | <1 | <1 | 0.05 | 21 | 10 | 0.20 | 444 | 2.1 | <0.01 | 12.2 | 1090 | 9.9 | 14 |
| L85N 102+50E (-) | <5 | <1 | <1 | 0.04 | 9 | 5 | 0.12 | 428 | 1.0 | 0.02 | 7.8 | 1030 | 8.5 | <10 |
| L85N 103+00E (-) | <5 | <1 | <1 | 0.02 | 7 | 9 | 0.22 | 233 | 0.9 | 0.02 | 12.9 | 765 | 5.0 | <10 |
| L85N 103+50E (-) | <5 | <1 | <1 | 0.03 | 8 | 10 | 0.22 | 476 | 1.0 | 0.02 | 9.3 | 839 | 7.8 | <10 |
| L85N 104+00E (-) | <5 | <1 | <1 | 0.05 | 15 | 4 | 0.08 | 138 | 0.9 | 0.01 | 5.3 | 883 | 8.0 | 10 |
| L85N 104+50E (-) | <5 | <1 | <1 | 0.04 | 27 | 45 | 0.79 | 575 | 1.6 | <0.01 | 26.3 | 1060 | 14.8 | <10 |
| L85N 105+00E (-) | <5 | <1 | <1 | 0.04 | 16 | 6 | 0.13 | 127 | 0.6 | 0.02 | 6.1 | 756 | 6.9 | <10 |
| L86N 85+00E (-) | <5 | <1 | <1 | 0.05 | 25 | 39 | 0.66 | 385 | 1.5 | 0.01 | 22.1 | 349 | 14.4 | 10 |
| L86N 85+50E (-) | <5 | <1 | <1 | 0.05 | 20 | 90 | 1.64 | 281 | 2.0 | <0.01 | 34.0 | 217 | 11.8 | 13 |
| L86N 86+00E (-) | <5 | <1 | <1 | 0.04 | 39 | 65 | 2.28 | 1430 | 1.7 | <0.01 | 83.0 | 1260 | 7.2 | 11 |
| L86N 86+50E (-) | <5 | <1 | <1 | 0.03 | 31 | 47 | 0.74 | 459 | 1.3 | 0.02 | 55.8 | 804 | 12.2 | <10 |
| L86N 87+00E (-) | <5 | <1 | <1 | 0.05 | 24 | 48 | 0.82 | 379 | 1.8 | 0.02 | 33.7 | 657 | 14.2 | 11 |
| L86N 87+50E (-) | <5 | <1 | <1 | 0.04 | 22 | 53 | 0.85 | 606 | 1.0 | 0.02 | 31.1 | 731 | 17.7 | <10 |
| L86N 88+00E (-) | <5 | <1 | <1 | 0.03 | 10 | 24 | 0.52 | 266 | 0.8 | 0.02 | 18.5 | 661 | 24.8 | <10 |
| L86N 88+50E (-) | 6 | <1 | <1 | 0.04 | 16 | 85 | 1.43 | 718 | 1.4 | <0.01 | 35.5 | 801 | 13.9 | <10 |
| L86N 89+00E (-) | <5 | <1 | <1 | 0.03 | 38 | 69 | 1.15 | 673 | 1.7 | <0.01 | 40.4 | 300 | 18.3 | <10 |
| L86N 89+50E (-) | 5 | <1 | <1 | 0.04 | 32 | 55 | 0.90 | 1160 | 2.0 | <0.01 | 27.9 | 930 | 24.3 | 11 |
| L86N 90+00E (-) | <5 | <1 | <1 | 0.04 | 77 | 87 | 1.31 | 1100 | 1.7 | <0.01 | 51.2 | 531 | 152 | <10 |
| L86N 90+50E (-) | <5 | <1 | <1 | 0.07 | 30 | 69 | 1.12 | 741 | 0.9 | <0.01 | 37.5 | 537 | 20.8 | 15 |
| L86N 91+00E (-) | <5 | <1 | <1 | 0.04 | 12 | 14 | 0.23 | 626 | 1.2 | 0.02 | 8.8 | 550 | 9.0 | <10 |
| L86N 91+50E (-) | <5 | <1 | <1 | 0.07 | 37 | 65 | 0.99 | 727 | 1.4 | <0.01 | 33.7 | 513 | 25.6 | 14 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| L86N 92+00E (-) | <5 | <1 | <1 | 0.06 | 42 | 68 | 1.11 | 573 | 1.5 | <0.01 | 43.7 | 465 | 17.4 | <10 |
| L86N 92+50E (-) | <5 | <1 | <1 | 0.06 | 28 | 52 | 0.76 | 1020 | 2.2 | <0.01 | 31.0 | 547 | 38.6 | 16 |
| L86N 93+00E (-) | <5 | <1 | <1 | 0.06 | 35 | 63 | 0.93 | 635 | 1.5 | <0.01 | 29.7 | 293 | 26.8 | 12 |
| L86N 93+50E (-) | <5 | <1 | <1 | 0.02 | 18 | 14 | 0.23 | 95 | 0.7 | 0.02 | 8.7 | 544 | 5.5 | <10 |
| L86N 94+00E (-) | <5 | <1 | <1 | 0.05 | 22 | 42 | 0.78 | 1520 | 1.1 | 0.01 | 21.0 | 558 | 7.2 | 12 |
| L86N 94+50E (-) | 5 | <1 | <1 | 0.04 | 49 | 107 | 2.01 | 637 | 0.7 | <0.01 | 52.7 | 542 | 9.5 | <10 |
| L86N 95+00E (-) | 7 | <1 | <1 | 0.02 | 26 | 139 | 2.91 | 838 | 0.9 | <0.01 | 69.7 | 654 | 28.7 | <10 |
| L86N 95+50E (-) | <5 | <1 | <1 | 0.05 | 28 | 58 | 1.11 | 1340 | 1.5 | <0.01 | 46.2 | 683 | 13.3 | 13 |
| L86N 96+00E (-) | <5 | <1 | <1 | 0.02 | 4 | 5 | 0.11 | 68 | <0.5 | 0.03 | 3.9 | 204 | 2.3 | <10 |
| L86N 96+50E (-) | <5 | <1 | <1 | 0.03 | 15 | 21 | 0.40 | 531 | 1.3 | 0.01 | 13.9 | 717 | 9.3 | <10 |
| L86N 97+00E (-) | <5 | <1 | <1 | 0.04 | 30 | 66 | 1.24 | 679 | 0.9 | <0.01 | 35.7 | 796 | 10.4 | 11 |
| L86N 97+50E (-) | <5 | <1 | <1 | 0.04 | 31 | 92 | 1.91 | 1220 | 2.0 | <0.01 | 98.6 | 1200 | 8.8 | <10 |
| L86N 98+00E (-) | <5 | <1 | <1 | 0.04 | 33 | 74 | 1.38 | 1210 | 1.4 | <0.01 | 71.9 | 743 | 12.9 | <10 |
| L86N 98+50E (-) | <5 | <1 | <1 | 0.03 | 12 | 22 | 0.51 | 172 | 0.8 | 0.03 | 22.7 | 632 | 3.8 | <10 |
| L86N 99+00E (-) | <5 | <1 | <1 | 0.03 | 10 | 25 | 0.56 | 258 | 1.0 | 0.03 | 30.1 | 583 | 3.8 | <10 |
| L86N 99+50E (-) | <5 | <1 | <1 | 0.05 | 20 | 28 | 0.55 | 1510 | 0.7 | 0.02 | 18.2 | 847 | 9.3 | 12 |
| L86N 100+00E (-) | <5 | <1 | <1 | 0.04 | 26 | 57 | 1.08 | 1390 | 1.7 | <0.01 | 43.1 | 1030 | 17.1 | <10 |
| 19628 | <5 | <1 | <1 | <0.01 | 19 | <1 | 0.01 | 26 | 5.2 | <0.01 | 7.8 | 582 | 13.5 | <10 |
| 19629 | <5 | <1 | <1 | 0.03 | 10 | 11 | 0.01 | 23 | 3.1 | <0.01 | 9.6 | 169 | 3.5 | <10 |
| 19985 | <5 | <1 | <1 | 0.11 | 5 | 24 | 0.37 | 151 | 3.8 | 0.02 | 20.0 | 100 | 11.5 | <10 |
| SR 19944 | <5 | <1 | <1 | 0.05 | 6 | 5 | 0.05 | 112 | 4.5 | <0.01 | 10.3 | 59 | 8.3 | <10 |
| SR 19945 | <5 | <1 | <1 | 0.06 | 6 | <1 | 0.02 | 287 | 5.2 | 0.01 | 10.2 | 180 | <0.5 | <10 |
| SR 19946 | <5 | <1 | <1 | 0.08 | 15 | 9 | 0.04 | 386 | 3.0 | 0.01 | 14.5 | 124 | 19.4 | <10 |
| SR 19947 | <5 | <1 | <1 | 0.01 | 2 | <1 | 0.12 | 1390 | 5.0 | <0.01 | 8.2 | 414 | <0.5 | <10 |
| SR 19948 | <5 | <1 | <1 | 0.02 | 7 | 23 | 0.42 | 652 | 3.9 | 0.03 | 21.5 | 76 | 7.3 | <10 |
| SR 19949 | <5 | <1 | <1 | 0.02 | 3 | <1 | 0.06 | 351 | 3.6 | <0.01 | 4.4 | 108 | 6.8 | <10 |
| SR 19950 | <5 | <1 | <1 | 0.02 | 6 | 1 | <0.01 | 24 | 4.6 | <0.01 | 5.7 | 25 | 3.9 | <10 |
| SR 19951 | <5 | <1 | <1 | 0.04 | 6 | 1 | 0.02 | 325 | 4.8 | <0.01 | 18.1 | 68 | 19.3 | <10 |
| SR 19952 | 9 | <1 | <1 | 0.05 | 19 | 145 | 4.68 | 1220 | 0.9 | 0.01 | 99.4 | 991 | 5.4 | <10 |
| SR 19953 | <5 | <1 | <1 | 0.10 | 23 | 64 | 1.31 | 192 | 1.0 | <0.01 | 45.1 | 376 | 10.3 | <10 |
| 99091 | <5 | <1 | <1 | 0.02 | 36 | 12 | 0.09 | 105 | 2.2 | <0.01 | 46.0 | 84 | 21.0 | <10 |
| 99092 | <5 | <1 | <1 | 0.09 | 13 | 17 | 0.27 | 138 | 1.0 | <0.01 | 31.3 | 432 | 14.1 | <10 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Ga | Hg | In | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Rb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 5 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 1 | 0.5 | 0.01 | 0.5 | 10 | 0.5 | 10 |
| 99093 | <5 | <1 | <1 | <0.01 | 2 | <1 | 0.02 | 148 | 3.7 | <0.01 | 9.6 | 112 | 5.9 | <10 |
| 99094 | <5 | <1 | <1 | 0.03 | 10 | 4 | <0.01 | 27 | 1.5 | <0.01 | 4.5 | 814 | 3.0 | <10 |
| 99095 | <5 | <1 | <1 | 0.02 | 6 | 14 | 0.31 | 123 | 4.0 | <0.01 | 9.2 | 58 | 180 | <10 |
| 99096 | <5 | <1 | <1 | 0.05 | 8 | 6 | 0.13 | 53 | 4.3 | <0.01 | 4.4 | 60 | 174 | <10 |
| 65359 | <5 | <1 | <1 | 0.07 | 12 | 17 | 0.31 | 187 | 2.0 | <0.01 | 7.4 | 21 | 19.9 | <10 |
| 65360 | <5 | <1 | <1 | 0.05 | 14 | 7 | 0.04 | 76 | 2.9 | <0.01 | 19.9 | 111 | 31.8 | <10 |
| 65361 | <5 | <1 | <1 | 0.02 | 6 | 11 | 0.05 | 35 | 4.2 | <0.01 | 6.2 | 39 | 9.6 | <10 |
| 65362 | <5 | <1 | <1 | 0.02 | 15 | 9 | 0.03 | 150 | 4.1 | <0.01 | 44.9 | 28 | 12.0 | <10 |
| 65363 | <5 | <1 | <1 | 0.02 | 10 | 8 | 0.01 | 14 | 2.7 | <0.01 | 3.1 | 91 | 3.7 | <10 |
| 65364 | <5 | <1 | <1 | <0.01 | 3 | 2 | 0.02 | 18 | 3.1 | <0.01 | 4.6 | 24 | 3.6 | <10 |
| 65365 | <5 | <1 | <1 | 0.06 | 27 | 12 | 0.05 | 175 | 2.4 | <0.01 | 27.3 | 97 | 14.8 | <10 |
| 65366 | <5 | <1 | 1 | 0.02 | 11 | 32 | 0.10 | 46 | 2.4 | <0.01 | 4.5 | 86 | 5.9 | <10 |
| 65367 | <5 | <1 | <1 | 0.06 | 10 | 4 | 0.03 | 23 | 1.4 | <0.01 | 3.2 | 117 | 7.7 | <10 |
| 65368 | <5 | <1 | <1 | 0.05 | 5 | 11 | 0.15 | 88 | 1.9 | <0.01 | 8.1 | 44 | 3.2 | <10 |
| 65369 | <5 | <1 | <1 | 0.01 | 1 | 2 | 0.02 | 21 | 3.0 | <0.01 | 4.7 | 24 | <0.5 | <10 |
| 65370 | <5 | <1 | <1 | 0.05 | 12 | 7 | 0.02 | 48 | 1.8 | <0.01 | 4.9 | 73 | 8.0 | <10 |
| 65371 | <5 | <1 | <1 | 0.05 | 6 | 6 | 0.07 | 58 | 1.9 | <0.01 | 7.2 | 135 | 39.0 | <10 |
| 65372 | <5 | <1 | 2 | 0.04 | 4 | 16 | 0.24 | 152 | 3.4 | <0.01 | 4.7 | 84 | 4.3 | <10 |
| 65373 | <5 | <1 | <1 | 0.13 | 20 | 19 | 0.35 | 202 | 1.9 | 0.01 | 6.9 | 54 | 25.2 | 12 |
| 65374 | <5 | <1 | <1 | 0.10 | 16 | 25 | 0.32 | 115 | 2.6 | <0.01 | 10.4 | 42 | 35.7 | <10 |
| 65375 | <5 | <1 | 1 | 0.05 | 10 | 15 | 0.03 | 34 | 2.3 | <0.01 | 4.0 | 38 | 2.2 | <10 |
| 65376 | <5 | <1 | <1 | 0.09 | 15 | 20 | 0.47 | 275 | 1.9 | 0.11 | 10.0 | 42 | 12.9 | <10 |
| 65377 | <5 | <1 | <1 | 0.01 | 7 | 15 | 0.04 | 263 | 4.0 | <0.01 | 10.0 | 129 | 2.1 | <10 |
| 65378 | <5 | <1 | <1 | 0.06 | 25 | 3 | 0.02 | 27 | 3.2 | <0.01 | 4.9 | 64 | 4140 | <10 |
| 65379 | <5 | <1 | <1 | 0.01 | 6 | 1 | 0.01 | 23 | 4.5 | <0.01 | 5.0 | 26 | 3600 | <10 |
| 65380 | <5 | <1 | <1 | 0.01 | 8 | 2 | 0.04 | 34 | 4.1 | <0.01 | 6.8 | 10 | 82.7 | <10 |
| 65381 | <5 | <1 | 2 | 0.01 | 6 | <1 | <0.01 | 17 | 3.8 | <0.01 | 4.9 | 23 | 8530 | <10 |
| 65382 | <5 | <1 | <1 | 0.02 | 10 | 1 | 0.02 | 26 | 3.9 | <0.01 | 5.5 | 44 | 6380 | <10 |
| 65383 | <5 | <1 | <1 | 0.02 | 10 | 5 | 0.08 | 51 | 3.9 | <0.01 | 6.3 | 25 | 577 | <10 |
| 65384 | <5 | <1 | <1 | 0.02 | 3 | 12 | 0.20 | 102 | 3.7 | <0.01 | 7.8 | 124 | 13.3 | <10 |
| 19638 | <5 | <1 | <1 | 0.22 | 4 | 29 | 0.33 | 101 | 3.5 | 0.03 | 48.2 | 110 | 28.9 | 23 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285667 (-) | 0.024 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.1 | <1 |
| E5285668 (-) | 0.014 | <1 | 0.6 | <10 | <5 | 6.4 | <10 | <10 | 5 | <0.01 | <5 | <5 | 13.4 | <1 |
| E5285669 (-) | 0.023 | <1 | 0.6 | <10 | <5 | 3.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.4 | <1 |
| E5285670 (-) | 0.030 | <1 | 0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.6 | <1 |
| E5285671 (-) | 0.016 | <1 | <0.5 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.3 | <1 |
| E5285672 (-) | 0.023 | <1 | <0.5 | <10 | <5 | 2.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.3 | <1 |
| E5285673 (-) | 0.023 | <1 | 1.2 | <10 | <5 | 5.0 | <10 | <10 | 11 | <0.01 | <5 | <5 | 18.1 | <1 |
| E5285674 (-) | 0.025 | <1 | 1.3 | <10 | <5 | 5.8 | <10 | <10 | 11 | <0.01 | <5 | <5 | 20.6 | <1 |
| E5285675 (-) | 0.032 | <1 | 1.1 | 18 | <5 | 5.4 | <10 | <10 | 6 | <0.01 | <5 | <5 | 18.0 | <1 |
| E5285676 (-) | 0.023 | <1 | 0.7 | <10 | <5 | 6.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.9 | <1 |
| E5285677 (-) | 0.019 | <1 | 0.8 | <10 | <5 | 6.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.9 | <1 |
| E5285678 (-) | 0.017 | <1 | 1.1 | <10 | <5 | 7.2 | <10 | <10 | 7 | <0.01 | <5 | <5 | 22.2 | <1 |
| E5285679 (-) | 0.022 | <1 | 0.6 | <10 | <5 | 8.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.2 | <1 |
| E5285680 (-) | 0.015 | <1 | 0.7 | <10 | <5 | 2.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.4 | <1 |
| E5285681 (-) | 0.011 | <1 | 0.6 | <10 | <5 | 2.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.3 | <1 |
| E5285682 (-) | 0.014 | <1 | <0.5 | <10 | <5 | 3.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.3 | <1 |
| E5285683 (-) | 0.016 | <1 | 0.7 | <10 | <5 | 8.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.4 | <1 |
| E5285684 (-) | 0.020 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.7 | <1 |
| E5285685 (-) | 0.024 | <1 | <0.5 | <10 | <5 | 3.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 13.6 | <1 |
| E5285686 (-) | 0.016 | <1 | 0.6 | <10 | <5 | 3.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.7 | <1 |
| E5285687 (-) | 0.016 | <1 | 0.9 | <10 | <5 | 4.8 | <10 | <10 | 7 | <0.01 | <5 | <5 | 13.5 | <1 |
| E5285688 (-) | 0.025 | <1 | <0.5 | <10 | <5 | 4.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.1 | <1 |
| E5285689 (-) | 0.039 | <1 | <0.5 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 9.7 | <1 |
| E5285690 (-) | 0.019 | <1 | 0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.7 | <1 |
| E5285691 (-) | 0.010 | <1 | <0.5 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.5 | <1 |
| E5285692 (-) | 0.027 | <1 | 1.0 | <10 | <5 | 8.9 | <10 | <10 | 9 | <0.01 | <5 | <5 | 12.9 | <1 |
| E5285693 (-) | 0.030 | <1 | 1.3 | <10 | <5 | 10.1 | <10 | <10 | 15 | <0.01 | <5 | <5 | 13.2 | <1 |
| E5285694 (-) | 0.021 | <1 | 1.7 | <10 | <5 | 6.4 | <10 | <10 | 19 | <0.01 | <5 | <5 | 17.7 | <1 |
| E5285695 (-) | 0.046 | <1 | 3.1 | <10 | <5 | 28.5 | <10 | <10 | 22 | <0.01 | <5 | <5 | 19.1 | <1 |
| E5285696 (-) | 0.043 | <1 | 3.6 | <10 | <5 | 26.0 | <10 | <10 | 24 | <0.01 | <5 | <5 | 19.2 | <1 |
| E5285697 (-) | 0.033 | <1 | 0.9 | <10 | <5 | 9.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.5 | <1 |
| E5285698 (-) | 0.023 | <1 | 1.2 | <10 | <5 | 7.3 | <10 | <10 | 8 | <0.01 | <5 | <5 | 19.8 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285699 (-) | 0.044 | <1 | 1.0 | <10 | <5 | 8.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.3 | <1 |
| E5285700 (-) | 0.013 | <1 | 2.3 | <10 | <5 | 8.6 | <10 | <10 | 11 | <0.01 | <5 | <5 | 19.9 | <1 |
| E5285701 (-) | 0.014 | <1 | 0.7 | <10 | <5 | 4.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.6 | <1 |
| E5285702 (-) | 0.007 | <1 | 1.3 | <10 | <5 | 6.3 | <10 | <10 | 6 | <0.01 | <5 | <5 | 17.7 | <1 |
| E5285703 (-) | 0.011 | <1 | 0.8 | <10 | <5 | 3.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 14.7 | <1 |
| E5285704 (-) | 0.086 | <1 | 0.9 | <10 | <5 | 14.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.1 | <1 |
| E5285705 (-) | 0.070 | <1 | 1.5 | <10 | <5 | 16.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.3 | <1 |
| E5285706 (-) | 0.019 | <1 | 2.2 | 10 | <5 | 17.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 32.3 | <1 |
| E5285707 (-) | 0.028 | <1 | 1.0 | <10 | <5 | 9.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.1 | <1 |
| E5285708 (-) | 0.043 | <1 | <0.5 | <10 | <5 | 12.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 11.9 | <1 |
| E5285709 (-) | 0.024 | <1 | 9.4 | <10 | <5 | 30.1 | <10 | <10 | <5 | 0.02 | <5 | <5 | 49.9 | <1 |
| E5285710 (-) | 0.011 | <1 | 3.1 | <10 | <5 | 14.9 | <10 | <10 | 10 | <0.01 | <5 | <5 | 32.6 | <1 |
| E5285711 (-) | 0.057 | <1 | 1.0 | <10 | <5 | 11.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.6 | <1 |
| E5285712 (-) | 0.028 | <1 | 1.4 | <10 | <5 | 13.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.9 | <1 |
| E5285713 (-) | 0.033 | <1 | 7.7 | <10 | <5 | 38.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 61.7 | <1 |
| E5285714 (-) | 0.031 | <1 | 8.6 | <10 | <5 | 32.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 58.8 | <1 |
| E5285715 (-) | 0.076 | <1 | 0.6 | <10 | <5 | 9.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.1 | <1 |
| E5285716 (-) | 0.018 | <1 | 1.2 | <10 | <5 | 8.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 31.3 | <1 |
| E5285160 (-) | 0.018 | <1 | 0.8 | 13 | <5 | 10.0 | <10 | <10 | <5 | 0.02 | <5 | <5 | 34.9 | <1 |
| E5285161 (-) | 0.058 | <1 | 0.6 | <10 | <5 | 9.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.3 | <1 |
| E5285162 (-) | 0.022 | <1 | 0.5 | <10 | <5 | 6.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.2 | <1 |
| E5285163 (-) | 0.022 | 2 | 1.0 | <10 | <5 | 19.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 7.8 | <1 |
| E5285164 (-) | 0.017 | <1 | 0.5 | <10 | <5 | 6.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 34.6 | <1 |
| E5285165 (-) | 0.076 | <1 | 1.9 | 16 | <5 | 40.0 | <10 | <10 | <5 | <0.01 | <5 | 19 | 25.1 | <1 |
| E5285166 (-) | 0.023 | <1 | 1.3 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.6 | <1 |
| E5285167 (-) | 0.006 | <1 | 0.7 | <10 | <5 | 4.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.5 | <1 |
| E5285168 (-) | 0.007 | <1 | 2.3 | <10 | <5 | 9.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 33.5 | <1 |
| E5285169 (-) | 0.012 | <1 | 1.6 | <10 | <5 | 6.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 34.0 | <1 |
| E5285170 (-) | 0.018 | <1 | 2.6 | <10 | <5 | 10.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.5 | <1 |
| E5285171 (-) | 0.009 | <1 | 1.6 | <10 | <5 | 4.6 | <10 | <10 | <5 | 0.05 | <5 | <5 | 32.9 | <1 |
| E5285172 (-) | <0.005 | <1 | 2.0 | <10 | <5 | 6.5 | <10 | <10 | 9 | 0.02 | <5 | <5 | 24.8 | <1 |
| E5285173 (-) | <0.005 | <1 | 1.4 | <10 | <5 | 4.2 | <10 | <10 | <5 | 0.02 | <5 | <5 | 21.3 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285174 (-) | <0.005 | <1 | 2.3 | <10 | <5 | 4.0 | <10 | <10 | 9 | 0.04 | <5 | <5 | 22.3 | <1 |
| E5285175 (-) | 0.026 | <1 | 1.0 | <10 | <5 | 8.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 14.5 | <1 |
| E5285176 (-) | 0.014 | <1 | 2.4 | <10 | <5 | 8.2 | <10 | <10 | 8 | <0.01 | <5 | <5 | 26.0 | <1 |
| E5285177 (-) | 0.020 | <1 | 1.3 | <10 | <5 | 5.2 | <10 | <10 | 5 | 0.01 | <5 | <5 | 19.8 | <1 |
| E5285178 (-) | 0.170 | <1 | 3.9 | <10 | <5 | 17.1 | <10 | <10 | 24 | <0.01 | <5 | <5 | 23.4 | <1 |
| E5285179 (-) | 0.019 | <1 | 4.1 | <10 | <5 | 22.0 | <10 | <10 | 23 | <0.01 | <5 | <5 | 24.4 | <1 |
| E5285180 (-) | 0.061 | <1 | 0.9 | <10 | <5 | 8.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.4 | <1 |
| E5285181 (-) | 0.039 | <1 | 3.3 | <10 | <5 | 8.6 | <10 | <10 | 22 | <0.01 | <5 | <5 | 19.9 | <1 |
| E5285182 (-) | 0.019 | 2 | 1.7 | <10 | <5 | 7.9 | <10 | <10 | 18 | <0.01 | <5 | <5 | 14.9 | <1 |
| E5285183 (-) | 0.040 | <1 | 2.7 | <10 | <5 | 5.4 | <10 | <10 | 20 | <0.01 | <5 | <5 | 21.5 | <1 |
| E5285184 (-) | 0.027 | <1 | 2.1 | <10 | <5 | 9.2 | <10 | <10 | 22 | <0.01 | <5 | <5 | 15.8 | <1 |
| E5285185 (-) | 0.015 | <1 | 3.6 | <10 | <5 | 8.7 | <10 | <10 | 19 | <0.01 | <5 | <5 | 21.0 | <1 |
| E5285186 (-) | 0.017 | <1 | 3.4 | <10 | <5 | 7.7 | <10 | <10 | 16 | <0.01 | <5 | <5 | 23.8 | <1 |
| E5285187 (-) | 0.039 | <1 | 3.7 | <10 | <5 | 7.9 | <10 | <10 | 21 | <0.01 | <5 | <5 | 22.4 | <1 |
| E5285188 (-) | 0.038 | 6 | 2.7 | <10 | <5 | 3.1 | <10 | <10 | 20 | <0.01 | <5 | <5 | 11.3 | <1 |
| E5285189 (-) | 0.061 | <1 | 4.9 | <10 | <5 | 11.0 | <10 | <10 | 24 | <0.01 | <5 | <5 | 25.0 | <1 |
| E5285190 (-) | 0.130 | <1 | 3.0 | 12 | <5 | 204 | <10 | <10 | 26 | 0.04 | <5 | <5 | 23.7 | <1 |
| E5285191 (-) | 0.066 | <1 | 2.9 | <10 | <5 | 19.4 | <10 | <10 | 27 | <0.01 | <5 | <5 | 14.0 | <1 |
| E5285192 (-) | 0.289 | 1 | 6.3 | <10 | <5 | 7.2 | <10 | <10 | 33 | <0.01 | <5 | <5 | 19.5 | <1 |
| E5285193 (-) | 0.038 | <1 | 1.6 | <10 | <5 | 14.8 | <10 | <10 | 28 | <0.01 | <5 | <5 | 10.3 | <1 |
| E5285194 (-) | 0.062 | <1 | 1.4 | <10 | <5 | 13.2 | <10 | <10 | 25 | <0.01 | <5 | <5 | 12.1 | <1 |
| E5285195 (-) | 0.068 | <1 | 2.8 | 17 | <5 | 12.7 | <10 | <10 | 22 | <0.01 | <5 | <5 | 22.1 | <1 |
| E5285196 (-) | 0.059 | <1 | 2.2 | <10 | <5 | 7.3 | <10 | <10 | 18 | <0.01 | <5 | <5 | 18.4 | <1 |
| E5285197 (-) | 0.090 | <1 | 2.7 | 15 | <5 | 2.7 | <10 | <10 | 55 | <0.01 | <5 | <5 | 18.2 | <1 |
| E5285198 (-) | 0.038 | <1 | 2.8 | <10 | <5 | 2.4 | <10 | <10 | 12 | <0.01 | <5 | <5 | 25.2 | <1 |
| E5285199 (-) | 0.053 | <1 | 1.4 | 11 | <5 | 17.9 | <10 | <10 | 8 | <0.01 | <5 | <5 | 21.5 | <1 |
| E5285200 (-) | 0.014 | <1 | 3.1 | <10 | <5 | 22.5 | <10 | <10 | 35 | <0.01 | <5 | <5 | 13.7 | <1 |
| E5285201 (-) | 0.038 | <1 | 4.0 | 11 | <5 | 3.4 | <10 | <10 | 24 | <0.01 | <5 | <5 | 21.8 | <1 |
| E5285202 (-) | 0.031 | <1 | 2.7 | <10 | <5 | 6.8 | <10 | <10 | 31 | <0.01 | <5 | <5 | 20.7 | <1 |
| E5285203 (-) | 0.032 | <1 | 1.7 | <10 | <5 | 12.3 | <10 | <10 | 8 | 0.03 | <5 | <5 | 27.4 | <1 |
| E5285204 (-) | 0.036 | <1 | 1.0 | <10 | <5 | 15.8 | <10 | <10 | 16 | <0.01 | <5 | <5 | 11.0 | <1 |
| E5285205 (-) | 0.043 | <1 | 1.9 | <10 | <5 | 6.0 | <10 | <10 | 34 | <0.01 | <5 | <5 | 16.6 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5285206 (-) | 0.090 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.4 | <1 |
| E5285207 (-) | 0.197 | <1 | 17.8 | <10 | <5 | 20.6 | <10 | <10 | 70 | <0.01 | 6 | 11 | 4.9 | <1 |
| E5285208 (-) | 0.029 | <1 | 1.8 | <10 | <5 | 3.1 | <10 | <10 | 14 | <0.01 | <5 | <5 | 19.8 | <1 |
| E5285209 (-) | 0.053 | <1 | 2.3 | <10 | <5 | 6.4 | <10 | <10 | 21 | <0.01 | <5 | <5 | 18.1 | <1 |
| E5285210 (-) | 0.060 | <1 | 3.7 | <10 | <5 | 10.3 | <10 | <10 | 30 | <0.01 | <5 | <5 | 25.9 | <1 |
| E5285211 (-) | 0.025 | <1 | 2.0 | <10 | <5 | 13.3 | <10 | <10 | 16 | 0.02 | <5 | <5 | 24.4 | <1 |
| E5285212 (-) | 0.014 | <1 | 2.2 | <10 | <5 | 2.8 | <10 | <10 | 12 | <0.01 | <5 | <5 | 10.1 | <1 |
| E5285213 (-) | 0.016 | 3 | 2.9 | <10 | <5 | 2.8 | <10 | <10 | 12 | <0.01 | <5 | <5 | 10.9 | <1 |
| E5285214 (-) | 0.017 | <1 | 3.7 | 10 | <5 | 5.4 | <10 | <10 | 21 | <0.01 | <5 | <5 | 20.6 | <1 |
| E5285593 (-) | 0.067 | <1 | 2.7 | <10 | <5 | 6.6 | <10 | <10 | 28 | <0.01 | <5 | <5 | 17.9 | <1 |
| E5285594 (-) | 0.075 | <1 | 2.7 | 12 | <5 | 7.5 | <10 | <10 | 30 | <0.01 | <5 | <5 | 19.8 | <1 |
| E5285595 (-) | 0.055 | <1 | 2.7 | <10 | <5 | 9.6 | <10 | <10 | 29 | <0.01 | <5 | <5 | 17.5 | <1 |
| E5285596 (-) | 0.073 | <1 | 2.2 | 15 | 6 | 8.7 | <10 | <10 | 29 | <0.01 | <5 | <5 | 22.4 | <1 |
| E5285597 (-) | 0.043 | <1 | 2.8 | <10 | <5 | 16.1 | <10 | <10 | 30 | <0.01 | <5 | <5 | 19.9 | <1 |
| E5285598 (-) | 0.033 | <1 | 2.2 | <10 | <5 | 8.3 | <10 | <10 | 25 | <0.01 | <5 | <5 | 18.9 | <1 |
| E5285599 (-) | 0.015 | <1 | 2.6 | <10 | <5 | 10.3 | <10 | <10 | 27 | <0.01 | <5 | <5 | 20.9 | <1 |
| E5285600 (-) | 0.018 | <1 | 1.9 | <10 | <5 | 8.9 | <10 | <10 | 19 | <0.01 | <5 | <5 | 21.8 | <1 |
| E5285601 (-) | 0.020 | <1 | 1.4 | <10 | <5 | 11.1 | <10 | <10 | 17 | <0.01 | <5 | <5 | 19.9 | <1 |
| E5285602 (-) | 0.029 | <1 | 0.7 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.7 | <1 |
| E5285603 (-) | 0.023 | <1 | 1.7 | <10 | <5 | 8.6 | <10 | <10 | 7 | 0.02 | <5 | <5 | 25.9 | <1 |
| E5285604 (-) | 0.032 | <1 | 1.0 | <10 | <5 | 9.9 | <10 | <10 | <5 | 0.03 | <5 | <5 | 35.5 | <1 |
| E5285605 (-) | 0.027 | <1 | 0.7 | <10 | <5 | 7.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 21.2 | <1 |
| E5285606 (-) | 0.020 | <1 | 1.2 | <10 | <5 | 8.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.7 | <1 |
| E5285607 (-) | 0.016 | <1 | 2.4 | <10 | <5 | 7.2 | <10 | <10 | 17 | <0.01 | <5 | <5 | 20.5 | <1 |
| E5285608 (-) | 0.020 | <1 | 1.0 | <10 | <5 | 7.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 20.0 | <1 |
| E5285609 (-) | 0.025 | <1 | 0.9 | <10 | <5 | 7.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 17.1 | <1 |
| E5285610 (-) | 0.027 | <1 | 0.8 | <10 | <5 | 8.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 24.9 | <1 |
| E5285611 (-) | 0.032 | <1 | 0.8 | <10 | <5 | 9.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.2 | <1 |
| E5285612 (-) | 0.034 | <1 | <0.5 | <10 | <5 | 3.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 14.4 | <1 |
| E5286132 (-) | 0.055 | <1 | 1.0 | <10 | <5 | 7.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.6 | <1 |
| E5286133 (-) | 0.042 | <1 | 0.8 | <10 | <5 | 9.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.0 | <1 |
| E5286134 (-) | 0.035 | <1 | 1.2 | <10 | <5 | 11.0 | <10 | <10 | 13 | <0.01 | <5 | <5 | 20.4 | <1 |

Certified By: Ron Cardinall



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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| E5286135 (-) | 0.047 | <1 | 1.8 | <10 | <5 | 19.4 | <10 | <10 | 17 | <0.01 | <5 | <5 | 23.2 | <1 |
| E5286136 (-) | 0.028 | <1 | 2.7 | <10 | <5 | 10.8 | <10 | <10 | 21 | 0.01 | <5 | <5 | 25.8 | <1 |
| E5286137 (-) | 0.045 | <1 | 1.5 | <10 | <5 | 9.7 | <10 | <10 | 14 | <0.01 | <5 | <5 | 23.9 | <1 |
| E5286138 (-) | 0.035 | <1 | 3.8 | <10 | <5 | 11.8 | <10 | <10 | 29 | <0.01 | <5 | <5 | 22.6 | <1 |
| E5286139 (-) | 0.014 | <1 | 1.1 | <10 | <5 | 8.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 15.7 | <1 |
| E5286140 (-) | 0.035 | <1 | 1.1 | <10 | <5 | 13.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.6 | <1 |
| E5286141 (-) | 0.020 | <1 | 1.5 | <10 | <5 | 12.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.0 | <1 |
| E5286142 (-) | 0.008 | <1 | 0.8 | <10 | <5 | 3.1 | <10 | <10 | 8 | <0.01 | <5 | <5 | 9.8 | <1 |
| E5286143 (-) | 0.022 | <1 | 0.8 | <10 | <5 | 9.7 | <10 | <10 | <5 | 0.02 | <5 | <5 | 19.9 | <1 |
| E5286144 (-) | 0.027 | <1 | 1.2 | <10 | <5 | 7.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.0 | <1 |
| E5286145 (-) | 0.080 | <1 | <0.5 | 12 | <5 | 7.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.3 | <1 |
| E5286146 (-) | 0.007 | <1 | 3.8 | 12 | <5 | 18.9 | <10 | <10 | 7 | <0.01 | <5 | <5 | 33.6 | <1 |
| E5286147 (-) | 0.046 | <1 | 0.6 | <10 | <5 | 8.2 | <10 | <10 | <5 | 0.02 | <5 | <5 | 31.7 | <1 |
| E5286148 (-) | 0.037 | <1 | <0.5 | <10 | <5 | 7.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.2 | <1 |
| E5286149 (-) | 0.026 | <1 | 1.6 | <10 | <5 | 7.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.9 | <1 |
| E5286150 (-) | 0.037 | <1 | 4.6 | <10 | <5 | 12.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.1 | <1 |
| E5286151 (-) | 0.042 | <1 | 0.6 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.0 | <1 |
| E5286152 (-) | 0.077 | <1 | 0.8 | <10 | <5 | 7.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.6 | <1 |
| L81N 92+00E (-) | <0.005 | <1 | 2.7 | <10 | <5 | 8.1 | <10 | <10 | 9 | <0.01 | <5 | <5 | 25.7 | <1 |
| L81N 92+50E (-) | 0.005 | <1 | 2.6 | <10 | <5 | 7.3 | <10 | <10 | 11 | <0.01 | <5 | <5 | 25.8 | <1 |
| L81N 93+00E (-) | 0.009 | <1 | 1.5 | <10 | <5 | 6.9 | <10 | <10 | 7 | <0.01 | <5 | <5 | 26.4 | <1 |
| L81N 93+50E (-) | 0.008 | <1 | 1.5 | <10 | <5 | 5.5 | <10 | <10 | 8 | <0.01 | <5 | <5 | 25.4 | <1 |
| L81N 94+50E (-) | 0.012 | <1 | <0.5 | <10 | <5 | 3.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.2 | <1 |
| L81N 95+00E (-) | 0.013 | <1 | <0.5 | <10 | <5 | 5.4 | <10 | <10 | <5 | 0.02 | <5 | <5 | 11.1 | <1 |
| L81N 95+50E (-) | 0.052 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.8 | <1 |
| L81N 96+00E (-) | 0.050 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.2 | <1 |
| L81N 96+50E (-) | 0.023 | <1 | <0.5 | <10 | <5 | 7.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 30.7 | <1 |
| L81N 97+00E (-) | 0.014 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.3 | <1 |
| L81N 97+50E (-) | 0.035 | <1 | <0.5 | <10 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.2 | <1 |
| L81N 98+00E (-) | 0.022 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 15.0 | <1 |
| L81N 98+50E (-) | 0.030 | <1 | <0.5 | <10 | <5 | 6.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.8 | <1 |
| L81N 99+00E (-) | 0.053 | <1 | <0.5 | <10 | <5 | 4.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.7 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L81N 99+50E (-) | 0.059 | <1 | <0.5 | <10 | <5 | 7.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.0 | <1 |
| L81N 100+00E (-) | 0.049 | <1 | <0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.8 | <1 |
| L81N 100+50E (-) | 0.049 | <1 | <0.5 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.3 | <1 |
| L81N 101+00E (-) | 0.045 | <1 | 1.5 | <10 | <5 | 12.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.3 | <1 |
| L81N 101+50E (-) | 0.026 | <1 | 0.7 | <10 | <5 | 4.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.0 | <1 |
| L81N 102+00E (-) | 0.036 | <1 | <0.5 | <10 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.4 | <1 |
| L81N 102+50E (-) | 0.030 | <1 | <0.5 | <10 | <5 | 5.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.1 | <1 |
| L81N 103+00E (-) | 0.037 | <1 | <0.5 | <10 | <5 | 6.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.7 | <1 |
| L81N 103+50E (-) | 0.013 | <1 | 0.6 | <10 | <5 | 5.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.3 | <1 |
| L81N 104+00E (-) | 0.028 | <1 | <0.5 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.7 | <1 |
| L81N 104+50E (-) | 0.017 | <1 | <0.5 | <10 | <5 | 5.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 32.0 | <1 |
| L81N 105+00E (-) | 0.014 | <1 | 1.0 | <10 | <5 | 5.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.7 | <1 |
| L83N 91+00E (-) | 0.011 | <1 | 0.7 | <10 | <5 | 6.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 11.5 | <1 |
| L83N 91+50E (-) | 0.005 | <1 | 2.8 | <10 | <5 | 8.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 34.7 | <1 |
| L83N 92+00E (-) | 0.010 | <1 | 1.6 | <10 | <5 | 4.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 31.6 | <1 |
| L83N 92+50E (-) | 0.008 | <1 | <0.5 | <10 | <5 | 4.0 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.2 | <1 |
| L83N 93+00E (-) | 0.025 | <1 | <0.5 | <10 | <5 | 4.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 12.3 | <1 |
| L83N 93+50E (-) | 0.024 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.7 | <1 |
| L83N 94+00E (-) | 0.023 | <1 | <0.5 | <10 | <5 | 7.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.4 | <1 |
| L83N 94+50E (-) | 0.045 | <1 | <0.5 | <10 | <5 | 8.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.8 | <1 |
| L83N 95+00E (-) | 0.039 | <1 | 0.6 | 14 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.4 | <1 |
| L83N 95+50E (-) | 0.028 | <1 | 0.8 | <10 | <5 | 10.1 | <10 | <10 | <5 | 0.03 | <5 | <5 | 28.3 | <1 |
| L83N 96+00E (-) | 0.015 | <1 | 1.1 | <10 | <5 | 5.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.0 | <1 |
| L83N 96+50E (-) | 0.041 | <1 | 0.5 | <10 | <5 | 6.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.1 | <1 |
| L83N 97+00E (-) | 0.013 | <1 | 1.6 | <10 | <5 | 15.1 | <10 | <10 | 6 | <0.01 | <5 | <5 | 23.3 | <1 |
| L83N 97+50E (-) | 0.032 | <1 | <0.5 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 25.6 | <1 |
| L83N 98+00E (-) | 0.060 | <1 | <0.5 | <10 | <5 | 3.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.3 | <1 |
| L83N 98+50E (-) | 0.023 | <1 | 1.2 | <10 | <5 | 3.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.9 | <1 |
| L83N 99+00E (-) | 0.017 | <1 | 0.9 | 17 | <5 | 5.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.9 | <1 |
| L83N 99+50E (-) | 0.037 | <1 | 0.6 | <10 | <5 | 5.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.4 | <1 |
| L83N 100+00E (-) | 0.013 | <1 | 0.9 | <10 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 11.0 | <1 |
| L83N 100+50E (-) | 0.051 | <1 | 0.6 | 13 | <5 | 6.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.3 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L83N 101+00E (-) | 0.041 | <1 | <0.5 | <10 | <5 | 5.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.3 | <1 |
| L83N 101+50E (-) | 0.049 | <1 | <0.5 | <10 | <5 | 6.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.0 | <1 |
| L83N 102+00E (-) | 0.030 | <1 | <0.5 | <10 | <5 | 7.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 17.6 | <1 |
| L83N 102+50E (-) | 0.044 | <1 | <0.5 | <10 | <5 | 5.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.7 | <1 |
| L83N 103+00E (-) | 0.027 | <1 | <0.5 | <10 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.6 | <1 |
| L83N 103+50E (-) | 0.013 | <1 | <0.5 | <10 | <5 | 5.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 18.3 | <1 |
| L83N 104+00E (-) | 0.020 | <1 | <0.5 | <10 | <5 | 5.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.4 | <1 |
| L83N 104+50E (-) | 0.036 | <1 | 0.6 | <10 | <5 | 5.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.6 | <1 |
| L83N 105+00E (-) | 0.021 | <1 | 0.5 | 16 | <5 | 7.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 34.0 | <1 |
| L85N 85+00E (-) | 0.041 | <1 | 1.6 | <10 | <5 | 37.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.9 | <1 |
| L85N 85+50E (-) | 0.039 | <1 | 1.5 | <10 | <5 | 18.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.5 | <1 |
| L85N 86+00E (-) | 0.100 | <1 | 1.7 | <10 | <5 | 41.3 | <10 | <10 | <5 | <0.01 | <5 | 11 | 20.2 | <1 |
| L85N 86+50E (-) | 0.057 | <1 | 0.8 | <10 | <5 | 43.4 | <10 | <10 | <5 | 0.02 | <5 | 10 | 18.9 | <1 |
| L85N 87+00E (-) | 0.064 | <1 | 1.7 | 13 | <5 | 19.1 | <10 | <10 | <5 | <0.01 | <5 | 20 | 25.2 | <1 |
| L85N 87+50E (-) | 0.032 | <1 | 1.2 | <10 | <5 | 13.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 16.9 | <1 |
| L85N 88+00E (-) | 0.014 | <1 | 1.4 | <10 | <5 | 9.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.0 | <1 |
| L85N 88+50E (-) | 0.009 | <1 | 1.3 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.02 | <5 | <5 | 24.1 | <1 |
| L85N 89+00E (-) | 0.013 | <1 | 1.8 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.03 | <5 | <5 | 38.2 | <1 |
| L85N 89+50E (-) | 0.023 | <1 | <0.5 | 10 | <5 | 6.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 28.9 | <1 |
| L85N 90+00E (-) | 0.017 | <1 | 1.2 | <10 | <5 | 5.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 35.6 | <1 |
| L85N 90+50E (-) | 0.030 | <1 | 1.8 | <10 | <5 | 6.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 37.0 | <1 |
| L85N 91+00E (-) | 0.046 | <1 | 2.0 | <10 | <5 | 25.4 | <10 | <10 | <5 | 0.06 | <5 | <5 | 49.1 | <1 |
| L85N 91+50E (-) | 0.085 | <1 | 0.7 | <10 | <5 | 17.3 | <10 | <10 | <5 | 0.01 | <5 | 6 | 16.0 | <1 |
| L85N 92+00E (-) | 0.023 | <1 | <0.5 | <10 | <5 | 8.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.2 | <1 |
| L85N 92+50E (-) | 0.026 | <1 | 0.9 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 36.5 | <1 |
| L85N 93+00E (-) | 0.055 | <1 | 1.1 | 10 | <5 | 23.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 35.1 | <1 |
| L85N 93+50E (-) | 0.015 | <1 | 1.5 | <10 | <5 | 5.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 31.7 | <1 |
| L85N 94+00E (-) | 0.026 | <1 | 0.9 | <10 | <5 | 6.6 | <10 | <10 | <5 | 0.01 | <5 | <5 | 25.2 | <1 |
| L85N 94+50E (-) | 0.015 | <1 | 8.8 | <10 | <5 | 15.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 72.3 | <1 |
| L85N 95+00E (-) | 0.053 | <1 | <0.5 | <10 | <5 | 7.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.8 | <1 |
| L85N 95+50E (-) | 0.029 | <1 | 0.9 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.7 | <1 |
| L85N 96+00E (-) | 0.029 | <1 | <0.5 | <10 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.1 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L85N 96+50E (-) | 0.046 | <1 | 0.5 | <10 | <5 | 7.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.7 | <1 |
| L85N 97+00E (-) | 0.047 | <1 | <0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.0 | <1 |
| L85N 97+50E (-) | 0.031 | <1 | <0.5 | <10 | <5 | 8.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 20.2 | <1 |
| L85N 98+00E (-) | 0.042 | <1 | 0.6 | <10 | <5 | 11.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.6 | <1 |
| L85N 98+50E (-) | 0.048 | <1 | 0.6 | <10 | <5 | 10.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 29.1 | <1 |
| L85N 99+00E (-) | 0.103 | <1 | 2.8 | 10 | <5 | 20.8 | <10 | <10 | <5 | 0.02 | <5 | <5 | 36.1 | <1 |
| L85N 99+50E (-) | 0.058 | <1 | 1.3 | <10 | <5 | 14.4 | <10 | <10 | <5 | 0.02 | <5 | <5 | 67.0 | <1 |
| L85N 100+00E (-) | 0.053 | <1 | <0.5 | <10 | <5 | 8.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 33.5 | <1 |
| L85N 100+50E (-) | 0.046 | <1 | <0.5 | <10 | <5 | 8.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.1 | <1 |
| L85N 101+00E (-) | 0.050 | <1 | <0.5 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 37.4 | <1 |
| L85N 101+50E (-) | 0.076 | <1 | <0.5 | <10 | <5 | 5.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.3 | <1 |
| L85N 102+00E (-) | 0.055 | <1 | <0.5 | <10 | <5 | 8.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 34.0 | <1 |
| L85N 102+50E (-) | 0.059 | <1 | <0.5 | <10 | <5 | 5.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 16.3 | <1 |
| L85N 103+00E (-) | 0.024 | <1 | <0.5 | <10 | <5 | 4.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.9 | <1 |
| L85N 103+50E (-) | 0.024 | <1 | <0.5 | <10 | <5 | 4.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 22.1 | <1 |
| L85N 104+00E (-) | 0.022 | <1 | <0.5 | <10 | <5 | 5.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.8 | <1 |
| L85N 104+50E (-) | 0.032 | <1 | 0.8 | <10 | <5 | 8.9 | <10 | <10 | <5 | 0.01 | <5 | <5 | 29.6 | <1 |
| L85N 105+00E (-) | 0.026 | <1 | <0.5 | <10 | <5 | 6.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 21.4 | <1 |
| L86N 85+00E (-) | 0.017 | <1 | 1.3 | <10 | <5 | 12.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 19.4 | <1 |
| L86N 85+50E (-) | 0.008 | <1 | 1.5 | 12 | <5 | 9.4 | <10 | <10 | 6 | <0.01 | <5 | <5 | 25.9 | <1 |
| L86N 86+00E (-) | 0.057 | 1 | 6.2 | <10 | <5 | 58.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 41.2 | <1 |
| L86N 86+50E (-) | 0.075 | <1 | 1.4 | <10 | <5 | 32.4 | <10 | <10 | <5 | <0.01 | <5 | 40 | 17.6 | <1 |
| L86N 87+00E (-) | 0.038 | <1 | 1.2 | 12 | <5 | 17.7 | <10 | <10 | <5 | 0.01 | <5 | 9 | 20.7 | <1 |
| L86N 87+50E (-) | 0.054 | <1 | 1.4 | <10 | <5 | 21.7 | <10 | <10 | <5 | <0.01 | <5 | 20 | 20.0 | <1 |
| L86N 88+00E (-) | 0.034 | <1 | <0.5 | <10 | <5 | 8.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 18.5 | <1 |
| L86N 88+50E (-) | 0.022 | <1 | 1.2 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 27.8 | <1 |
| L86N 89+00E (-) | 0.010 | <1 | 2.1 | <10 | <5 | 9.3 | <10 | <10 | 10 | <0.01 | <5 | <5 | 26.3 | <1 |
| L86N 89+50E (-) | 0.022 | <1 | 1.2 | <10 | <5 | 9.4 | <10 | <10 | <5 | 0.01 | <5 | <5 | 33.4 | <1 |
| L86N 90+00E (-) | 0.011 | <1 | 2.2 | <10 | <5 | 9.7 | <10 | <10 | 15 | <0.01 | <5 | <5 | 23.4 | <1 |
| L86N 90+50E (-) | 0.016 | <1 | 1.4 | <10 | <5 | 9.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 26.9 | <1 |
| L86N 91+00E (-) | 0.021 | <1 | <0.5 | <10 | <5 | 7.3 | <10 | <10 | <5 | 0.01 | <5 | <5 | 21.7 | <1 |
| L86N 91+50E (-) | 0.023 | <1 | 1.6 | <10 | <5 | 10.0 | <10 | <10 | 6 | <0.01 | <5 | <5 | 25.6 | <1 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| L86N 92+00E (-) | 0.028 | <1 | 1.5 | 13 | <5 | 9.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 23.3 | <1 |
| L86N 92+50E (-) | 0.020 | <1 | 0.9 | <10 | <5 | 8.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 24.9 | <1 |
| L86N 93+00E (-) | 0.016 | <1 | 1.6 | <10 | <5 | 7.3 | <10 | <10 | 6 | <0.01 | <5 | <5 | 25.2 | <1 |
| L86N 93+50E (-) | 0.027 | <1 | <0.5 | 15 | <5 | 8.1 | <10 | <10 | <5 | 0.02 | <5 | <5 | 24.8 | <1 |
| L86N 94+00E (-) | 0.046 | <1 | <0.5 | <10 | <5 | 8.1 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.6 | <1 |
| L86N 94+50E (-) | 0.009 | <1 | 2.5 | 12 | <5 | 11.1 | <10 | <10 | 5 | <0.01 | <5 | <5 | 33.0 | <1 |
| L86N 95+00E (-) | 0.017 | <1 | 2.6 | <10 | <5 | 13.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 45.1 | <1 |
| L86N 95+50E (-) | 0.039 | <1 | 1.1 | <10 | <5 | 10.6 | <10 | <10 | <5 | 0.02 | <5 | <5 | 39.1 | <1 |
| L86N 96+00E (-) | 0.017 | <1 | <0.5 | <10 | <5 | 5.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 10.6 | <1 |
| L86N 96+50E (-) | 0.054 | <1 | <0.5 | <10 | <5 | 6.1 | <10 | <10 | <5 | <0.01 | <5 | <5 | 20.2 | <1 |
| L86N 97+00E (-) | 0.036 | <1 | 1.0 | 13 | <5 | 8.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 30.7 | <1 |
| L86N 97+50E (-) | 0.044 | <1 | 2.0 | <10 | <5 | 16.8 | <10 | <10 | <5 | 0.03 | <5 | <5 | 65.7 | <1 |
| L86N 98+00E (-) | 0.031 | <1 | 1.6 | <10 | <5 | 11.5 | <10 | <10 | <5 | 0.02 | <5 | <5 | 45.0 | <1 |
| L86N 98+50E (-) | 0.024 | <1 | 0.7 | <10 | <5 | 13.0 | <10 | <10 | <5 | 0.02 | <5 | <5 | 30.0 | <1 |
| L86N 99+00E (-) | 0.031 | <1 | <0.5 | <10 | <5 | 9.7 | <10 | <10 | <5 | 0.01 | <5 | <5 | 28.8 | <1 |
| L86N 99+50E (-) | 0.059 | <1 | <0.5 | <10 | <5 | 7.2 | <10 | <10 | <5 | 0.01 | <5 | <5 | 23.6 | <1 |
| L86N 100+00E (-) | 0.067 | <1 | 1.1 | <10 | <5 | 9.5 | <10 | <10 | <5 | 0.01 | <5 | <5 | 33.7 | <1 |
| 19628 | 0.071 | <1 | <0.5 | <10 | <5 | 11.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.2 | <1 |
| 19629 | 0.054 | 1 | 1.1 | <10 | <5 | 2.9 | <10 | <10 | 11 | <0.01 | <5 | <5 | 5.0 | <1 |
| 19985 | <0.005 | <1 | 1.3 | <10 | <5 | 6.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 11.2 | <1 |
| SR 19944 | <0.005 | <1 | 0.7 | <10 | <5 | 5.9 | <10 | <10 | 5 | <0.01 | <5 | <5 | 3.7 | <1 |
| SR 19945 | 0.016 | 2 | 1.3 | <10 | <5 | 47.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.2 | <1 |
| SR 19946 | 0.007 | <1 | 2.2 | <10 | <5 | 14.9 | <10 | <10 | 8 | <0.01 | <5 | <5 | 3.8 | <1 |
| SR 19947 | 0.064 | 2 | 3.9 | <10 | <5 | 44.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 4.8 | <1 |
| SR 19948 | 0.210 | <1 | 1.5 | <10 | <5 | 11.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 13.0 | <1 |
| SR 19949 | 0.115 | 4 | 1.1 | <10 | <5 | 383 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.2 | <1 |
| SR 19950 | 0.019 | <1 | <0.5 | <10 | <5 | 2.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.0 | <1 |
| SR 19951 | 0.095 | 2 | 0.6 | <10 | <5 | 12.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.3 | <1 |
| SR 19952 | 0.040 | <1 | 8.7 | <10 | <5 | 64.2 | <10 | <10 | <5 | 0.04 | <5 | <5 | 83.9 | <1 |
| SR 19953 | 0.296 | <1 | 1.9 | 17 | <5 | 16.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 26.8 | <1 |
| 99091 | 0.007 | <1 | 2.5 | <10 | <5 | 4.1 | <10 | <10 | 28 | <0.01 | <5 | <5 | 6.4 | <1 |
| 99092 | 0.198 | <1 | 3.5 | <10 | <5 | 7.9 | <10 | <10 | 32 | <0.01 | <5 | <5 | 16.7 | <1 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.005 | 1 | 0.5 | 10 | 5 | 0.5 | 10 | 10 | 5 | 0.01 | 5 | 5 | 0.5 | 1 |
| 99093 | 0.007 | <1 | <0.5 | <10 | <5 | 0.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.6 | <1 |
| 99094 | 0.021 | <1 | 3.8 | 16 | <5 | 3.7 | <10 | <10 | 32 | <0.01 | <5 | <5 | 11.8 | <1 |
| 99095 | 0.245 | <1 | 0.8 | <10 | <5 | 1.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 9.7 | <1 |
| 99096 | 0.026 | <1 | <0.5 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 5.2 | <1 |
| 65359 | 0.410 | 2 | 1.6 | <10 | <5 | 2.8 | <10 | 12 | 5 | <0.01 | <5 | <5 | 7.6 | <1 |
| 65360 | 0.016 | 2 | 0.9 | <10 | <5 | 3.2 | <10 | <10 | 7 | <0.01 | <5 | <5 | 6.1 | <1 |
| 65361 | <0.005 | <1 | <0.5 | <10 | <5 | 2.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 5.9 | <1 |
| 65362 | 0.049 | <1 | <0.5 | <10 | <5 | 2.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.0 | <1 |
| 65363 | 0.011 | 3 | 0.7 | <10 | <5 | 1.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.5 | <1 |
| 65364 | <0.005 | <1 | <0.5 | <10 | <5 | 1.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.2 | <1 |
| 65365 | 0.024 | 2 | 1.0 | <10 | <5 | 4.9 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.8 | <1 |
| 65366 | 0.011 | <1 | 1.0 | <10 | <5 | 3.0 | <10 | <10 | 5 | <0.01 | <5 | <5 | 6.4 | <1 |
| 65367 | 0.006 | 1 | 1.1 | <10 | <5 | 4.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 5.6 | <1 |
| 65368 | 0.005 | <1 | 0.7 | <10 | <5 | 2.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 5.9 | <1 |
| 65369 | <0.005 | <1 | <0.5 | <10 | <5 | 1.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.1 | <1 |
| 65370 | <0.005 | 2 | 1.2 | <10 | <5 | 5.2 | <10 | <10 | 6 | <0.01 | <5 | <5 | 4.6 | <1 |
| 65371 | 0.006 | <1 | 0.6 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 6.5 | <1 |
| 65372 | <0.005 | <1 | <0.5 | <10 | <5 | 2.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 6.3 | <1 |
| 65373 | 0.250 | 2 | 2.2 | <10 | <5 | 5.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 10.7 | <1 |
| 65374 | 0.063 | 5 | 2.8 | <10 | <5 | 4.6 | <10 | <10 | 8 | <0.01 | <5 | <5 | 11.2 | <1 |
| 65375 | 0.005 | <1 | 0.6 | <10 | <5 | 2.5 | <10 | <10 | <5 | <0.01 | <5 | <5 | 4.5 | <1 |
| 65376 | 0.016 | <1 | 2.1 | <10 | <5 | 7.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 11.1 | <1 |
| 65377 | 0.009 | <1 | 0.5 | <10 | <5 | 3.7 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.5 | <1 |
| 65378 | 0.185 | 5 | <0.5 | <10 | <5 | 9.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.5 | <1 |
| 65379 | 0.291 | 11 | <0.5 | <10 | <5 | 2.8 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.3 | 170 |
| 65380 | 0.419 | 2 | 1.0 | <10 | <5 | 7.4 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.7 | 603 |
| 65381 | 0.219 | 7 | <0.5 | <10 | <5 | 2.3 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.0 | 8 |
| 65382 | 0.253 | 8 | 0.6 | <10 | <5 | 14.6 | <10 | <10 | <5 | <0.01 | <5 | <5 | 2.6 | 629 |
| 65383 | 0.086 | <1 | <0.5 | <10 | <5 | 7.0 | <10 | <10 | <5 | <0.01 | <5 | <5 | 3.8 | 51 |
| 65384 | <0.005 | <1 | 0.8 | <10 | <5 | 2.2 | <10 | <10 | <5 | <0.01 | <5 | <5 | 6.3 | 5 |
| 19638 | 9.49 | <1 | 2.6 | 17 | <5 | 137 | <10 | <10 | 6 | <0.01 | <5 | <5 | 10.6 | <1 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| E5285667 (-) | 1 | 38.7 | <5 | |
| E5285668 (-) | 2 | 55.1 | <5 | |
| E5285669 (-) | 2 | 54.1 | <5 | |
| E5285670 (-) | 1 | 49.1 | <5 | |
| E5285671 (-) | 1 | 32.9 | <5 | |
| E5285672 (-) | 3 | 29.0 | <5 | |
| E5285673 (-) | 5 | 102 | <5 | |
| E5285674 (-) | 5 | 111 | <5 | |
| E5285675 (-) | 6 | 86.1 | <5 | |
| E5285676 (-) | 3 | 55.6 | <5 | |
| E5285677 (-) | 2 | 54.9 | <5 | |
| E5285678 (-) | 3 | 70.6 | <5 | |
| E5285679 (-) | 2 | 47.5 | <5 | |
| E5285680 (-) | 1 | 73.5 | <5 | |
| E5285681 (-) | 1 | 44.8 | <5 | |
| E5285682 (-) | 2 | 36.2 | <5 | |
| E5285683 (-) | 2 | 69.4 | <5 | |
| E5285684 (-) | 1 | 30.5 | <5 | |
| E5285685 (-) | 2 | 27.4 | <5 | |
| E5285686 (-) | 2 | 43.7 | <5 | |
| E5285687 (-) | 4 | 87.9 | <5 | |
| E5285688 (-) | 1 | 34.0 | <5 | |
| E5285689 (-) | 5 | 28.2 | <5 | |
| E5285690 (-) | 2 | 54.6 | <5 | |
| E5285691 (-) | 2 | 17.7 | <5 | |
| E5285692 (-) | 4 | 92.5 | <5 | |
| E5285693 (-) | 5 | 106 | <5 | |
| E5285694 (-) | 4 | 125 | <5 | |
| E5285695 (-) | 12 | 169 | <5 | |
| E5285696 (-) | 13 | 160 | 7 | |
| E5285697 (-) | 3 | 88.4 | <5 | |
| E5285698 (-) | 4 | 95.7 | <5 | |

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DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| E5285699 (-) | 4 | 105 | <5 | |
| E5285700 (-) | 3 | 101 | <5 | |
| E5285701 (-) | 2 | 48.6 | <5 | |
| E5285702 (-) | 3 | 91.0 | <5 | |
| E5285703 (-) | 2 | 63.6 | <5 | |
| E5285704 (-) | 8 | 48.8 | <5 | |
| E5285705 (-) | 6 | 58.5 | <5 | |
| E5285706 (-) | 6 | 72.5 | <5 | |
| E5285707 (-) | 4 | 65.1 | <5 | |
| E5285708 (-) | 2 | 19.6 | <5 | |
| E5285709 (-) | 15 | 115 | <5 | |
| E5285710 (-) | 6 | 120 | <5 | |
| E5285711 (-) | 3 | 117 | <5 | |
| E5285712 (-) | 3 | 139 | <5 | |
| E5285713 (-) | 8 | 107 | <5 | |
| E5285714 (-) | 12 | 85.7 | <5 | |
| E5285715 (-) | 3 | 62.6 | <5 | |
| E5285716 (-) | 4 | 78.9 | <5 | |
| E5285160 (-) | 4 | 94.5 | <5 | |
| E5285161 (-) | 4 | 97.6 | <5 | |
| E5285162 (-) | 3 | 87.7 | <5 | |
| E5285163 (-) | 8 | 45.8 | <5 | |
| E5285164 (-) | 3 | 72.1 | <5 | |
| E5285165 (-) | 10 | 102 | <5 | |
| E5285166 (-) | 3 | 76.0 | <5 | |
| E5285167 (-) | 2 | 31.9 | <5 | |
| E5285168 (-) | 5 | 89.9 | <5 | |
| E5285169 (-) | 2 | 63.2 | <5 | |
| E5285170 (-) | 14 | 79.2 | <5 | |
| E5285171 (-) | 2 | 49.1 | <5 | |
| E5285172 (-) | 6 | 86.0 | <5 | |
| E5285173 (-) | 4 | 61.0 | <5 | |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| E5285174 (-) | 5 | 77.5 | <5 | |
| E5285175 (-) | 5 | 48.7 | <5 | |
| E5285176 (-) | 8 | 130 | <5 | |
| E5285177 (-) | 4 | 65.3 | <5 | |
| E5285178 (-) | 4 | 116 | 7 | |
| E5285179 (-) | 20 | 147 | 5 | |
| E5285180 (-) | 6 | 79.5 | <5 | |
| E5285181 (-) | 22 | 112 | 9 | |
| E5285182 (-) | 9 | 60.0 | <5 | |
| E5285183 (-) | 7 | 70.0 | <5 | |
| E5285184 (-) | 9 | 65.0 | <5 | |
| E5285185 (-) | 21 | 134 | 7 | |
| E5285186 (-) | 20 | 147 | <5 | |
| E5285187 (-) | 8 | 89.8 | 9 | |
| E5285188 (-) | 10 | 151 | <5 | |
| E5285189 (-) | 7 | 96.8 | 7 | |
| E5285190 (-) | 13 | 2270 | <5 | |
| E5285191 (-) | 4 | 509 | 8 | |
| E5285192 (-) | 2 | 156 | 11 | |
| E5285193 (-) | 2 | 134 | <5 | |
| E5285194 (-) | 4 | 310 | <5 | |
| E5285195 (-) | 9 | 2010 | 7 | |
| E5285196 (-) | 6 | 233 | 5 | |
| E5285197 (-) | 19 | 394 | <5 | |
| E5285198 (-) | 9 | 321 | 5 | |
| E5285199 (-) | 17 | 205 | <5 | |
| E5285200 (-) | 15 | 225 | 5 | |
| E5285201 (-) | 2 | 84.9 | 13 | |
| E5285202 (-) | 7 | 141 | <5 | |
| E5285203 (-) | 8 | 1590 | <5 | |
| E5285204 (-) | 4 | 638 | <5 | |
| E5285205 (-) | 8 | 268 | <5 | |

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PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| E5285206 (-) | 4 | 89.4 | <5 | |
| E5285207 (-) | 29 | 276 | 31 | |
| E5285208 (-) | 3 | 288 | <5 | |
| E5285209 (-) | 9 | 160 | <5 | |
| E5285210 (-) | 3 | 302 | 6 | |
| E5285211 (-) | 5 | 66.9 | <5 | |
| E5285212 (-) | 2 | 55.5 | 5 | |
| E5285213 (-) | 2 | 113 | <5 | |
| E5285214 (-) | 4 | 88.9 | 5 | |
| E5285593 (-) | 5 | 123 | 7 | |
| E5285594 (-) | 3 | 201 | 6 | |
| E5285595 (-) | 5 | 276 | 7 | |
| E5285596 (-) | 6 | 318 | <5 | |
| E5285597 (-) | 8 | 175 | <5 | |
| E5285598 (-) | 4 | 101 | <5 | |
| E5285599 (-) | 8 | 130 | 6 | |
| E5285600 (-) | 5 | 92.8 | <5 | |
| E5285601 (-) | 4 | 165 | <5 | |
| E5285602 (-) | 3 | 103 | <5 | |
| E5285603 (-) | 5 | 312 | <5 | |
| E5285604 (-) | 4 | 91.5 | <5 | |
| E5285605 (-) | 4 | 148 | <5 | |
| E5285606 (-) | 6 | 88.2 | <5 | |
| E5285607 (-) | 5 | 105 | <5 | |
| E5285608 (-) | 4 | 68.3 | <5 | |
| E5285609 (-) | 4 | 71.2 | <5 | |
| E5285610 (-) | 6 | 80.8 | <5 | |
| E5285611 (-) | 7 | 83.4 | <5 | |
| E5285612 (-) | 2 | 37.0 | <5 | |
| E5286132 (-) | 3 | 104 | <5 | |
| E5286133 (-) | 4 | 88.2 | <5 | |
| E5286134 (-) | 5 | 102 | <5 | |

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AGAT WORK ORDER: 11Y513929

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CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| E5286135 (-) | 8 | 145 | <5 | |
| E5286136 (-) | 6 | 107 | <5 | |
| E5286137 (-) | 4 | 114 | <5 | |
| E5286138 (-) | 5 | 123 | 7 | |
| E5286139 (-) | 4 | 54.7 | <5 | |
| E5286140 (-) | 5 | 125 | <5 | |
| E5286141 (-) | 4 | 99.4 | <5 | |
| E5286142 (-) | 4 | 61.7 | <5 | |
| E5286143 (-) | 3 | 57.3 | <5 | |
| E5286144 (-) | 3 | 94.3 | <5 | |
| E5286145 (-) | 2 | 53.6 | <5 | |
| E5286146 (-) | 6 | 115 | <5 | |
| E5286147 (-) | 4 | 76.3 | <5 | |
| E5286148 (-) | 3 | 72.6 | <5 | |
| E5286149 (-) | 7 | 96.9 | <5 | |
| E5286150 (-) | 18 | 110 | <5 | |
| E5286151 (-) | 3 | 88.9 | <5 | |
| E5286152 (-) | 2 | 92.3 | <5 | |
| L81N 92+00E (-) | 5 | 98.2 | <5 | |
| L81N 92+50E (-) | 7 | 97.4 | <5 | |
| L81N 93+00E (-) | 4 | 101 | <5 | |
| L81N 93+50E (-) | 5 | 105 | <5 | |
| L81N 94+50E (-) | 1 | 21.8 | <5 | |
| L81N 95+00E (-) | <1 | 9.5 | <5 | |
| L81N 95+50E (-) | 2 | 79.9 | <5 | |
| L81N 96+00E (-) | 2 | 60.2 | <5 | |
| L81N 96+50E (-) | 2 | 45.5 | <5 | |
| L81N 97+00E (-) | 2 | 49.7 | <5 | |
| L81N 97+50E (-) | 3 | 48.7 | <5 | |
| L81N 98+00E (-) | 2 | 37.2 | <5 | |
| L81N 98+50E (-) | 3 | 85.2 | <5 | |
| L81N 99+00E (-) | 2 | 42.2 | <5 | |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| L81N 99+50E (-) | 3 | 64.7 | <5 | |
| L81N 100+00E (-) | 3 | 66.7 | <5 | |
| L81N 100+50E (-) | 2 | 117 | <5 | |
| L81N 101+00E (-) | 8 | 136 | <5 | |
| L81N 101+50E (-) | 4 | 106 | <5 | |
| L81N 102+00E (-) | 6 | 97.8 | <5 | |
| L81N 102+50E (-) | 2 | 25.7 | <5 | |
| L81N 103+00E (-) | 2 | 48.4 | <5 | |
| L81N 103+50E (-) | 3 | 81.7 | <5 | |
| L81N 104+00E (-) | 3 | 57.9 | <5 | |
| L81N 104+50E (-) | 3 | 63.1 | <5 | |
| L81N 105+00E (-) | 4 | 105 | <5 | |
| L83N 91+00E (-) | 4 | 61.2 | <5 | |
| L83N 91+50E (-) | 6 | 111 | <5 | |
| L83N 92+00E (-) | 5 | 98.4 | <5 | |
| L83N 92+50E (-) | 1 | 43.6 | <5 | |
| L83N 93+00E (-) | 2 | 31.9 | <5 | |
| L83N 93+50E (-) | 4 | 58.4 | <5 | |
| L83N 94+00E (-) | 1 | 32.6 | <5 | |
| L83N 94+50E (-) | 1 | 38.7 | <5 | |
| L83N 95+00E (-) | 5 | 55.7 | <5 | |
| L83N 95+50E (-) | 5 | 69.6 | <5 | |
| L83N 96+00E (-) | 5 | 103 | <5 | |
| L83N 96+50E (-) | 4 | 66.4 | <5 | |
| L83N 97+00E (-) | 8 | 124 | <5 | |
| L83N 97+50E (-) | 3 | 70.3 | <5 | |
| L83N 98+00E (-) | 3 | 69.0 | <5 | |
| L83N 98+50E (-) | 4 | 91.2 | <5 | |
| L83N 99+00E (-) | 5 | 90.3 | <5 | |
| L83N 99+50E (-) | 5 | 80.3 | <5 | |
| L83N 100+00E (-) | 5 | 83.5 | <5 | |
| L83N 100+50E (-) | 4 | 108 | <5 | |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| L83N 101+00E (-) | 3 | 60.7 | <5 | |
| L83N 101+50E (-) | 3 | 68.2 | <5 | |
| L83N 102+00E (-) | 2 | 64.4 | <5 | |
| L83N 102+50E (-) | 3 | 73.7 | <5 | |
| L83N 103+00E (-) | 3 | 55.4 | <5 | |
| L83N 103+50E (-) | 2 | 39.2 | <5 | |
| L83N 104+00E (-) | 3 | 64.6 | <5 | |
| L83N 104+50E (-) | 3 | 76.4 | <5 | |
| L83N 105+00E (-) | 3 | 89.2 | <5 | |
| L85N 85+00E (-) | 6 | 76.2 | <5 | |
| L85N 85+50E (-) | 6 | 105 | <5 | |
| L85N 86+00E (-) | 5 | 109 | <5 | |
| L85N 86+50E (-) | 6 | 37.3 | <5 | |
| L85N 87+00E (-) | 4 | 103 | <5 | |
| L85N 87+50E (-) | 7 | 92.9 | <5 | |
| L85N 88+00E (-) | 4 | 136 | <5 | |
| L85N 88+50E (-) | 3 | 70.2 | <5 | |
| L85N 89+00E (-) | 3 | 73.7 | <5 | |
| L85N 89+50E (-) | 2 | 60.2 | <5 | |
| L85N 90+00E (-) | 2 | 79.7 | <5 | |
| L85N 90+50E (-) | 2 | 99.3 | <5 | |
| L85N 91+00E (-) | 6 | 106 | <5 | |
| L85N 91+50E (-) | 10 | 85.8 | <5 | |
| L85N 92+00E (-) | 2 | 70.4 | <5 | |
| L85N 92+50E (-) | 6 | 70.4 | <5 | |
| L85N 93+00E (-) | 3 | 95.7 | <5 | |
| L85N 93+50E (-) | 3 | 92.5 | <5 | |
| L85N 94+00E (-) | 2 | 84.7 | <5 | |
| L85N 94+50E (-) | 7 | 105 | <5 | |
| L85N 95+00E (-) | 2 | 36.0 | <5 | |
| L85N 95+50E (-) | 3 | 83.0 | <5 | |
| L85N 96+00E (-) | 2 | 36.4 | <5 | |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| L85N 96+50E (-) | 3 | 78.9 | <5 | |
| L85N 97+00E (-) | 2 | 69.0 | <5 | |
| L85N 97+50E (-) | 3 | 60.1 | <5 | |
| L85N 98+00E (-) | 4 | 65.4 | <5 | |
| L85N 98+50E (-) | 3 | 96.8 | <5 | |
| L85N 99+00E (-) | 10 | 66.6 | <5 | |
| L85N 99+50E (-) | 5 | 87.6 | <5 | |
| L85N 100+00E (-) | 2 | 48.6 | <5 | |
| L85N 100+50E (-) | 2 | 45.7 | <5 | |
| L85N 101+00E (-) | 3 | 59.9 | <5 | |
| L85N 101+50E (-) | 2 | 61.3 | <5 | |
| L85N 102+00E (-) | 3 | 53.2 | <5 | |
| L85N 102+50E (-) | 1 | 44.9 | <5 | |
| L85N 103+00E (-) | <1 | 30.1 | <5 | |
| L85N 103+50E (-) | 1 | 41.6 | <5 | |
| L85N 104+00E (-) | 2 | 28.5 | <5 | |
| L85N 104+50E (-) | 3 | 89.7 | <5 | |
| L85N 105+00E (-) | 2 | 34.5 | <5 | |
| L86N 85+00E (-) | 4 | 61.7 | <5 | |
| L86N 85+50E (-) | 2 | 98.7 | <5 | |
| L86N 86+00E (-) | 14 | 74.8 | <5 | |
| L86N 86+50E (-) | 7 | 105 | <5 | |
| L86N 87+00E (-) | 4 | 125 | <5 | |
| L86N 87+50E (-) | 4 | 109 | <5 | |
| L86N 88+00E (-) | 2 | 50.3 | <5 | |
| L86N 88+50E (-) | 3 | 117 | <5 | |
| L86N 89+00E (-) | 5 | 112 | <5 | |
| L86N 89+50E (-) | 5 | 85.2 | <5 | |
| L86N 90+00E (-) | 9 | 126 | <5 | |
| L86N 90+50E (-) | 5 | 237 | <5 | |
| L86N 91+00E (-) | 1 | 37.5 | <5 | |
| L86N 91+50E (-) | 4 | 103 | <5 | |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| L86N 92+00E (-) | 4 | 107 | <5 | |
| L86N 92+50E (-) | 3 | 95.5 | <5 | |
| L86N 93+00E (-) | 4 | 89.0 | <5 | |
| L86N 93+50E (-) | 2 | 33.1 | <5 | |
| L86N 94+00E (-) | 3 | 110 | <5 | |
| L86N 94+50E (-) | 5 | 106 | <5 | |
| L86N 95+00E (-) | 3 | 128 | <5 | |
| L86N 95+50E (-) | 3 | 96.8 | <5 | |
| L86N 96+00E (-) | <1 | 23.2 | <5 | |
| L86N 96+50E (-) | 2 | 52.4 | <5 | |
| L86N 97+00E (-) | 3 | 84.4 | <5 | |
| L86N 97+50E (-) | 6 | 90.9 | <5 | |
| L86N 98+00E (-) | 5 | 88.9 | <5 | |
| L86N 98+50E (-) | 3 | 31.1 | <5 | |
| L86N 99+00E (-) | 2 | 35.6 | <5 | |
| L86N 99+50E (-) | 3 | 49.8 | <5 | |
| L86N 100+00E (-) | 4 | 92.9 | <5 | |
| 19628 | 2 | 9.5 | <5 | |
| 19629 | 2 | 16.7 | <5 | |
| 19985 | 2 | 42.5 | <5 | |
| SR 19944 | 2 | 12.0 | <5 | |
| SR 19945 | 4 | 12.6 | <5 | |
| SR 19946 | 6 | 51.6 | <5 | |
| SR 19947 | 10 | 29.8 | <5 | |
| SR 19948 | 2 | 468 | <5 | |
| SR 19949 | 8 | 5.6 | <5 | |
| SR 19950 | <1 | 6.7 | <5 | |
| SR 19951 | 2 | 14.9 | <5 | |
| SR 19952 | 6 | 68.7 | <5 | |
| SR 19953 | 2 | 46.2 | <5 | |
| 99091 | 12 | 84.8 | <5 | |
| 99092 | 1 | 26.2 | 10 | |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Y | Zn | Zr | As-OL |
|---|---|---|---|---|
| Unit: | ppm | ppm | ppm | % |
| Sample Description RDL: | 1 | 0.5 | 5 | 0.01 |
| 99093 | <1 | 14.0 | <5 | |
| 99094 | 5 | 48.2 | <5 | |
| 99095 | 1 | 29.9 | <5 | |
| 99096 | <1 | 11.3 | <5 | |
| 65359 | 2 | 17.4 | <5 | 1.92 |
| 65360 | 3 | 43.4 | <5 | |
| 65361 | <1 | 7.3 | <5 | |
| 65362 | 6 | 27.7 | <5 | |
| 65363 | 1 | 9.9 | <5 | |
| 65364 | <1 | 5.5 | <5 | |
| 65365 | 6 | 34.3 | <5 | |
| 65366 | 2 | 14.1 | <5 | |
| 65367 | 1 | 8.6 | <5 | |
| 65368 | <1 | 19.0 | <5 | |
| 65369 | <1 | 3.0 | <5 | |
| 65370 | 2 | 11.4 | <5 | |
| 65371 | 1 | 27.7 | <5 | |
| 65372 | <1 | 22.7 | <5 | |
| 65373 | 3 | 25.3 | 5 | 1.65 |
| 65374 | 3 | 32.7 | 5 | |
| 65375 | 1 | 8.4 | <5 | |
| 65376 | 3 | 29.8 | 7 | |
| 65377 | 2 | 14.0 | <5 | |
| 65378 | 1 | 47.6 | <5 | 1.49 |
| 65379 | <1 | 28.5 | <5 | |
| 65380 | 2 | 8.8 | <5 | 1.29 |
| 65381 | <1 | 64.2 | <5 | |
| 65382 | 1 | 178 | <5 | 1.27 |
| 65383 | 1 | 150 | <5 | |
| 65384 | <1 | 19.7 | <5 | |
| 19638 | 5 | 74.6 | 8 | |

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AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

| DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil |
|---|---|---|---|

Comments: RDL - Reported Detection Limit

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Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285667 (-) | 0.398 | 0.008 |
| E5285668 (-) | 0.610 | 0.019 |
| E5285669 (-) | 0.448 | 0.022 |
| E5285670 (-) | 0.432 | 0.028 |
| E5285671 (-) | 0.466 | 0.024 |
| E5285672 (-) | 0.446 | 0.007 |
| E5285673 (-) | 0.628 | 0.010 |
| E5285674 (-) | 0.598 | 0.022 |
| E5285675 (-) | 0.546 | 0.025 |
| E5285676 (-) | 0.598 | 0.006 |
| E5285677 (-) | 0.512 | 0.014 |
| E5285678 (-) | 0.508 | 0.019 |
| E5285679 (-) | 0.446 | 0.017 |
| E5285680 (-) | 0.448 | 0.014 |
| E5285681 (-) | 0.440 | 0.012 |
| E5285682 (-) | 0.334 | 0.012 |
| E5285683 (-) | 0.570 | 0.006 |
| E5285684 (-) | 0.502 | 0.006 |
| E5285685 (-) | 0.414 | 0.007 |
| E5285686 (-) | 0.438 | 0.007 |
| E5285687 (-) | 0.504 | 0.022 |
| E5285688 (-) | 0.396 | 0.010 |
| E5285689 (-) | 0.448 | 0.006 |
| E5285690 (-) | 0.454 | 0.012 |
| E5285691 (-) | 0.478 | 0.005 |
| E5285692 (-) | 0.512 | 0.011 |
| E5285693 (-) | 0.510 | 0.010 |
| E5285694 (-) | 0.650 | 0.007 |
| E5285695 (-) | 0.604 | 0.013 |
| E5285696 (-) | 0.552 | 0.012 |
| E5285697 (-) | 0.484 | 0.013 |
| E5285698 (-) | 0.514 | 0.008 |

Certified By: Ron Cardinall



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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285699 (-) | 0.520 | 0.009 |
| E5285700 (-) | 0.576 | 0.007 |
| E5285701 (-) | 0.580 | 0.007 |
| E5285702 (-) | 0.634 | 0.005 |
| E5285703 (-) | 0.586 | 0.006 |
| E5285704 (-) | 0.476 | 0.004 |
| E5285705 (-) | 0.432 | 0.007 |
| E5285706 (-) | 0.590 | 0.007 |
| E5285707 (-) | 0.552 | 0.007 |
| E5285708 (-) | 0.498 | 0.005 |
| E5285709 (-) | 0.568 | 0.006 |
| E5285710 (-) | 0.568 | 0.005 |
| E5285711 (-) | 0.504 | 0.006 |
| E5285712 (-) | 0.510 | 0.024 |
| E5285713 (-) | 0.628 | 0.006 |
| E5285714 (-) | 0.498 | 0.015 |
| E5285715 (-) | 0.456 | 0.005 |
| E5285716 (-) | 0.564 | 0.005 |
| E5285160 (-) | 0.536 | 0.004 |
| E5285161 (-) | 0.538 | 0.005 |
| E5285162 (-) | 0.514 | 0.005 |
| E5285163 (-) | 0.548 | 0.012 |
| E5285164 (-) | 0.610 | 0.014 |
| E5285165 (-) | 0.576 | 0.007 |
| E5285166 (-) | 0.532 | 0.007 |
| E5285167 (-) | 0.550 | 0.446 |
| E5285168 (-) | 0.556 | 0.013 |
| E5285169 (-) | 0.478 | 0.005 |
| E5285170 (-) | 0.582 | 0.005 |
| E5285171 (-) | 0.636 | 0.004 |
| E5285172 (-) | 0.562 | 0.005 |
| E5285173 (-) | 0.502 | 0.004 |

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AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285174 (-) | 0.514 | 0.005 |
| E5285175 (-) | 0.504 | 0.005 |
| E5285176 (-) | 0.654 | 0.005 |
| E5285177 (-) | 0.628 | 0.014 |
| E5285178 (-) | 0.650 | 0.007 |
| E5285179 (-) | 0.616 | 0.007 |
| E5285180 (-) | 0.570 | 0.012 |
| E5285181 (-) | 0.598 | 0.006 |
| E5285182 (-) | 0.608 | 0.016 |
| E5285183 (-) | 0.578 | 0.005 |
| E5285184 (-) | 0.618 | 0.017 |
| E5285185 (-) | 0.620 | 0.010 |
| E5285186 (-) | 0.636 | 0.006 |
| E5285187 (-) | 0.594 | 0.008 |
| E5285188 (-) | 0.604 | 0.060 |
| E5285189 (-) | 0.580 | 0.006 |
| E5285190 (-) | 0.570 | 0.005 |
| E5285191 (-) | 0.592 | 0.008 |
| E5285192 (-) | 0.570 | 0.005 |
| E5285193 (-) | 0.662 | 0.005 |
| E5285194 (-) | 0.658 | 0.006 |
| E5285195 (-) | 0.608 | 0.004 |
| E5285196 (-) | 0.556 | 0.005 |
| E5285197 (-) | 0.566 | 0.005 |
| E5285198 (-) | 0.602 | 0.008 |
| E5285199 (-) | 0.540 | 0.005 |
| E5285200 (-) | 0.616 | 0.005 |
| E5285201 (-) | 0.582 | 0.007 |
| E5285202 (-) | 0.624 | 0.005 |
| E5285203 (-) | 0.572 | 0.011 |
| E5285204 (-) | 0.578 | 0.013 |
| E5285205 (-) | 0.668 | 0.016 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5285206 (-) | 0.528 | 0.005 |
| E5285207 (-) | 0.414 | 0.005 |
| E5285208 (-) | 0.538 | 0.017 |
| E5285209 (-) | 0.586 | 0.059 |
| E5285210 (-) | 0.702 | 0.011 |
| E5285211 (-) | 0.640 | 0.097 |
| E5285212 (-) | 0.596 | 0.014 |
| E5285213 (-) | 0.630 | 0.006 |
| E5285214 (-) | 0.624 | 0.008 |
| E5285593 (-) | 0.654 | 0.014 |
| E5285594 (-) | 0.604 | 0.021 |
| E5285595 (-) | 0.688 | 0.059 |
| E5285596 (-) | 0.598 | 0.099 |
| E5285597 (-) | 0.648 | 0.029 |
| E5285598 (-) | 0.670 | 0.049 |
| E5285599 (-) | 0.602 | 0.029 |
| E5285600 (-) | 0.602 | 0.031 |
| E5285601 (-) | 0.632 | 0.013 |
| E5285602 (-) | 0.556 | 0.012 |
| E5285603 (-) | 0.622 | 0.011 |
| E5285604 (-) | 0.554 | 0.008 |
| E5285605 (-) | 0.428 | 0.013 |
| E5285606 (-) | 0.566 | 0.023 |
| E5285607 (-) | 0.628 | 0.021 |
| E5285608 (-) | 0.664 | 0.012 |
| E5285609 (-) | 0.502 | 0.028 |
| E5285610 (-) | 0.542 | 0.006 |
| E5285611 (-) | 0.504 | 0.005 |
| E5285612 (-) | 0.388 | 0.004 |
| E5286132 (-) | 0.534 | 0.007 |
| E5286133 (-) | 0.670 | 0.006 |
| E5286134 (-) | 0.664 | 0.006 |

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ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| E5286135 (-) | 0.666 | 0.007 |
| E5286136 (-) | 0.702 | 0.014 |
| E5286137 (-) | 0.584 | 0.008 |
| E5286138 (-) | 0.628 | 0.010 |
| E5286139 (-) | 0.648 | 0.005 |
| E5286140 (-) | 0.686 | 0.005 |
| E5286141 (-) | 0.648 | 0.024 |
| E5286142 (-) | 0.694 | 0.009 |
| E5286143 (-) | 0.608 | 0.062 |
| E5286144 (-) | 0.568 | 0.019 |
| E5286145 (-) | 0.546 | 0.006 |
| E5286146 (-) | 0.792 | 0.007 |
| E5286147 (-) | 0.606 | 0.008 |
| E5286148 (-) | 0.582 | 0.013 |
| E5286149 (-) | 0.680 | 0.004 |
| E5286150 (-) | 0.604 | 0.021 |
| E5286151 (-) | 0.610 | 0.015 |
| E5286152 (-) | 0.554 | 0.006 |
| L81N 92+00E (-) | 0.530 | 0.006 |
| L81N 92+50E (-) | 0.568 | 0.006 |
| L81N 93+00E (-) | 0.602 | 0.004 |
| L81N 93+50E (-) | 0.556 | 0.004 |
| L81N 94+50E (-) | 0.426 | 0.003 |
| L81N 95+00E (-) | 0.422 | 0.004 |
| L81N 95+50E (-) | 0.360 | 0.003 |
| L81N 96+00E (-) | 0.364 | 0.004 |
| L81N 96+50E (-) | 0.398 | 0.004 |
| L81N 97+00E (-) | 0.452 | 0.005 |
| L81N 97+50E (-) | 0.414 | 0.020 |
| L81N 98+00E (-) | 0.406 | 0.014 |
| L81N 98+50E (-) | 0.502 | 0.004 |
| L81N 99+00E (-) | 0.380 | 0.004 |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L81N 99+50E (-) | 0.390 | 0.004 |
| L81N 100+00E (-) | 0.428 | 0.004 |
| L81N 100+50E (-) | 0.406 | 0.004 |
| L81N 101+00E (-) | 0.486 | 0.087 |
| L81N 101+50E (-) | 0.550 | 0.006 |
| L81N 102+00E (-) | 0.452 | 0.004 |
| L81N 102+50E (-) | 0.432 | 0.010 |
| L81N 103+00E (-) | 0.444 | 0.003 |
| L81N 103+50E (-) | 0.570 | 0.005 |
| L81N 104+00E (-) | 0.420 | 0.003 |
| L81N 104+50E (-) | 0.488 | 0.005 |
| L81N 105+00E (-) | 0.566 | 0.008 |
| L83N 91+00E (-) | 0.446 | 0.004 |
| L83N 91+50E (-) | 0.554 | 0.007 |
| L83N 92+00E (-) | 0.534 | 0.003 |
| L83N 92+50E (-) | 0.420 | 0.003 |
| L83N 93+00E (-) | 0.600 | 0.003 |
| L83N 93+50E (-) | 0.568 | 0.005 |
| L83N 94+00E (-) | 0.458 | 0.010 |
| L83N 94+50E (-) | 0.400 | 0.004 |
| L83N 95+00E (-) | 0.624 | 0.004 |
| L83N 95+50E (-) | 0.618 | 0.006 |
| L83N 96+00E (-) | 0.588 | 0.005 |
| L83N 96+50E (-) | 0.576 | 0.004 |
| L83N 97+00E (-) | 0.672 | 0.005 |
| L83N 97+50E (-) | 0.518 | 0.005 |
| L83N 98+00E (-) | 0.502 | 0.004 |
| L83N 98+50E (-) | 0.628 | 0.004 |
| L83N 99+00E (-) | 0.546 | 0.004 |
| L83N 99+50E (-) | 0.464 | 0.011 |
| L83N 100+00E (-) | 0.560 | 0.004 |
| L83N 100+50E (-) | 0.566 | 0.012 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L83N 101+00E (-) | 0.520 | 0.004 |
| L83N 101+50E (-) | 0.456 | 0.005 |
| L83N 102+00E (-) | 0.476 | 0.003 |
| L83N 102+50E (-) | 0.508 | 0.070 |
| L83N 103+00E (-) | 0.552 | 0.005 |
| L83N 103+50E (-) | 0.550 | 0.005 |
| L83N 104+00E (-) | 0.554 | 0.004 |
| L83N 104+50E (-) | 0.562 | 0.011 |
| L83N 105+00E (-) | 0.554 | 0.005 |
| L85N 85+00E (-) | 0.502 | 0.005 |
| L85N 85+50E (-) | 0.498 | 0.005 |
| L85N 86+00E (-) | 0.544 | 0.005 |
| L85N 86+50E (-) | 0.556 | 0.005 |
| L85N 87+00E (-) | 0.610 | 0.011 |
| L85N 87+50E (-) | 0.488 | 0.004 |
| L85N 88+00E (-) | 0.642 | 0.009 |
| L85N 88+50E (-) | 0.542 | 0.005 |
| L85N 89+00E (-) | 0.648 | 0.005 |
| L85N 89+50E (-) | 0.572 | 0.004 |
| L85N 90+00E (-) | 0.582 | 0.010 |
| L85N 90+50E (-) | 0.566 | 0.004 |
| L85N 91+00E (-) | 0.512 | 0.005 |
| L85N 91+50E (-) | 0.458 | 0.006 |
| L85N 92+00E (-) | 0.522 | 0.006 |
| L85N 92+50E (-) | 0.530 | 0.004 |
| L85N 93+00E (-) | 0.474 | 0.005 |
| L85N 93+50E (-) | 0.592 | 0.007 |
| L85N 94+00E (-) | 0.578 | 0.008 |
| L85N 94+50E (-) | 0.584 | 0.005 |
| L85N 95+00E (-) | 0.516 | 0.004 |
| L85N 95+50E (-) | 0.542 | 0.017 |
| L85N 96+00E (-) | 0.476 | 0.004 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L85N 96+50E (-) | 0.572 | 0.011 |
| L85N 97+00E (-) | 0.476 | 0.004 |
| L85N 97+50E (-) | 0.520 | 0.005 |
| L85N 98+00E (-) | 0.526 | 0.004 |
| L85N 98+50E (-) | 0.550 | 0.005 |
| L85N 99+00E (-) | 0.486 | 0.005 |
| L85N 99+50E (-) | 0.532 | 0.004 |
| L85N 100+00E (-) | 0.464 | 0.011 |
| L85N 100+50E (-) | 0.458 | 0.004 |
| L85N 101+00E (-) | 0.552 | 0.005 |
| L85N 101+50E (-) | 0.476 | 0.008 |
| L85N 102+00E (-) | 0.474 | 0.005 |
| L85N 102+50E (-) | 0.408 | 0.004 |
| L85N 103+00E (-) | 0.500 | 0.008 |
| L85N 103+50E (-) | 0.438 | 0.010 |
| L85N 104+00E (-) | 0.500 | 0.005 |
| L85N 104+50E (-) | 0.534 | 0.010 |
| L85N 105+00E (-) | 0.398 | 0.004 |
| L86N 85+00E (-) | 0.560 | 0.005 |
| L86N 85+50E (-) | 0.572 | 0.004 |
| L86N 86+00E (-) | 0.580 | 0.014 |
| L86N 86+50E (-) | 0.478 | 0.007 |
| L86N 87+00E (-) | 0.410 | 0.010 |
| L86N 87+50E (-) | 0.578 | 0.007 |
| L86N 88+00E (-) | 0.388 | 0.004 |
| L86N 88+50E (-) | 0.530 | 0.004 |
| L86N 89+00E (-) | 0.696 | 0.006 |
| L86N 89+50E (-) | 0.536 | 0.005 |
| L86N 90+00E (-) | 0.706 | 0.027 |
| L86N 90+50E (-) | 0.576 | 0.005 |
| L86N 91+00E (-) | 0.460 | 0.003 |
| L86N 91+50E (-) | 0.538 | 0.004 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| L86N 92+00E (-) | 0.650 | <0.002 |
| L86N 92+50E (-) | 0.614 | 0.008 |
| L86N 93+00E (-) | 0.690 | 0.006 |
| L86N 93+50E (-) | 0.434 | 0.004 |
| L86N 94+00E (-) | 0.634 | 0.006 |
| L86N 94+50E (-) | 0.764 | 0.013 |
| L86N 95+00E (-) | 0.586 | 0.005 |
| L86N 95+50E (-) | 0.556 | 0.005 |
| L86N 96+00E (-) | 0.440 | 0.003 |
| L86N 96+50E (-) | 0.594 | 0.005 |
| L86N 97+00E (-) | 0.568 | 0.004 |
| L86N 97+50E (-) | 0.510 | 0.005 |
| L86N 98+00E (-) | 0.568 | 0.015 |
| L86N 98+50E (-) | 0.538 | 0.004 |
| L86N 99+00E (-) | 0.484 | 0.003 |
| L86N 99+50E (-) | 0.534 | 0.005 |
| L86N 100+00E (-) | 0.526 | 0.005 |
| 19628 | 0.81 | 0.005 |
| 19629 | 0.57 | 0.133 |
| 19985 | 0.78 | 0.003 |
| SR 19944 | 0.95 | 0.003 |
| SR 19945 | 0.81 | 0.014 |
| SR 19946 | 0.65 | 0.004 |
| SR 19947 | 1.01 | 0.008 |
| SR 19948 | 1.16 | 0.002 |
| SR 19949 | 1.07 | 0.003 |
| SR 19950 | 1.41 | 0.003 |
| SR 19951 | 1.27 | 0.004 |
| SR 19952 | 1.22 | <0.002 |
| SR 19953 | 1.09 | 0.227 |
| 99091 | 0.40 | 0.011 |
| 99092 | 0.80 | 0.003 |

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Au |
|---|---|---|
| Unit: | kg | ppm |
| Sample Description RDL: | 0.01 | 0.002 |
| 99093 | 0.53 | 0.002 |
| 99094 | 0.60 | 0.010 |
| 99095 | 0.64 | 0.004 |
| 99096 | 0.61 | 0.003 |
| 65359 | 0.47 | 0.106 |
| 65360 | 2.85 | 0.011 |
| 65361 | 0.56 | 0.008 |
| 65362 | 0.75 | 0.003 |
| 65363 | 0.64 | 0.006 |
| 65364 | 0.67 | <0.002 |
| 65365 | 0.77 | 0.009 |
| 65366 | 0.64 | 0.003 |
| 65367 | 0.44 | 0.003 |
| 65368 | 0.48 | 0.004 |
| 65369 | 0.71 | <0.002 |
| 65370 | 0.55 | 0.010 |
| 65371 | 0.73 | 0.026 |
| 65372 | 0.52 | 0.002 |
| 65373 | 0.47 | 0.109 |
| 65374 | 0.91 | 0.050 |
| 65375 | 0.66 | 0.004 |
| 65376 | 0.61 | 0.005 |
| 65377 | 0.73 | 0.002 |
| 65378 | 0.66 | 2.18 |
| 65379 | 0.65 | 0.642 |
| 65380 | 0.92 | 0.481 |
| 65381 | 0.40 | 1.06 |
| 65382 | 0.82 | 0.437 |
| 65383 | 0.61 | 0.085 |
| 65384 | 0.64 | 0.018 |
| 19638 | 0.26 | 0.009 |

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Results relate only to the items tested

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# Certificate of Analysis

AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY

CLIENT NAME: BEARING RESOURCES

ATTENTION TO: DAVE TUPPER

## Fire Assay - Trace Au, AAS finish (202051)

| DATE SAMPLED: Jul 27, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Soil |
|---|---|---|---|

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573049 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573049 | 0.676 | 0.597 | 12.4% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573049 | 12 | 10 | 18.2% | < 1 | | | | 80% | 120% |
| B | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573049 | 14 | 12 | 15.4% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573049 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573049 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573049 | < 0.01 | < 0.01 | 0.0% | 0.05 | | | | 80% | 120% |
| Cd | 1 | 2573049 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573049 | 33 | 29 | 12.9% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573049 | 1.6 | 1.4 | 13.3% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573049 | 9.45 | 8.28 | 13.2% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573049 | 24.7 | 23.1 | 6.7% | 0.8 | | | | 80% | 120% |
| Fe | 1 | 2573049 | 1.71 | 1.52 | 11.8% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573049 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573049 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573049 | 15 | 13 | 14.3% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573049 | 11 | 10 | 9.5% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573049 | 0.21 | 0.19 | 10.0% | 0.02 | 0.105 | 0.098 | 107% | 80% | 120% |
| Mn | 1 | 2573049 | 81 | 70 | 14.6% | 11 | | | | 80% | 120% |
| Mo | 1 | 2573049 | 1.0 | 0.9 | 10.5% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573049 | < 0.01 | < 0.01 | 0.0% | 0.02 | | | | 80% | 120% |
| Ni | 1 | 2573049 | 4.7 | 4.3 | 8.9% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573049 | 294 | 262 | 11.5% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573049 | 11.5 | 9.94 | 14.6% | 3.2 | | | | 80% | 120% |
| Rb | 1 | 2573049 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573049 | 0.024 | 0.022 | 8.7% | 0.007 | | | | 80% | 120% |
| Sb | 1 | 2573049 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573049 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573049 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573049 | 4.6 | 2.4 | | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573049 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573049 | < 10 | < 10 | 0.0% | 50 | | | | 80% | 120% |
| Th | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573049 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573049 | 12.1 | 10.9 | 10.4% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573049 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573049 | 1 | < 1 | | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573049 | 38.7 | 40.3 | 4.1% | 29000 | 138 | 173 | 80% | 80% | 120% |
| Zr | 1 | 2573049 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573074 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573074 | 1.11 | 1.19 | 7.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573074 | 68 | 73 | 7.1% | < 1 | | | | 80% | 120% |
| B | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573074 | 20 | 21 | 4.9% | < 1 | 151 | 192 | 79% | 80% | 120% |
| Be | 1 | 2573074 | 0.53 | 0.58 | 9.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573074 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573074 | 0.02 | 0.02 | 0.0% | < 0.01 | 0.31 | 0.35 | 89% | 80% | 120% |
| Cd | 1 | 2573074 | < 0.5 | < 0.5 | 0.0% | < 0.5 | 0.12 | 0.10 | 117% | 80% | 120% |
| Ce | 1 | 2573074 | 54 | 59 | 8.8% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573074 | 18.2 | 19.4 | 6.4% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573074 | 14.5 | 15.1 | 4.1% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573074 | 53.4 | 58.2 | 8.6% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573074 | 3.18 | 3.40 | 6.7% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573074 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573074 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573074 | 24 | 26 | 8.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573074 | 23 | 26 | 12.2% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573074 | 0.35 | 0.38 | 8.2% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573074 | 382 | 413 | 7.8% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573074 | 0.97 | 1.15 | 17.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573074 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573074 | 28.1 | 30.0 | 6.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573074 | 322 | 357 | 10.3% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573074 | 36.6 | 39.6 | 7.9% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573074 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573074 | 0.027 | 0.029 | 7.1% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573074 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573074 | 1.03 | 1.08 | 4.7% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573074 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573074 | 8.88 | 8.96 | 0.9% | 0.8 | | | | 80% | 120% |
| Ta | 1 | 2573074 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573074 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573074 | 9 | 10 | 10.5% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573074 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573074 | 12.9 | 13.7 | 6.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573074 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573074 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573074 | 92.5 | 98.3 | 6.1% | 2.2 | 182 | 173 | 105% | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Zr | 1 | 2573074 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573099 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573099 | 2.13 | 2.05 | 3.8% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573099 | 32 | 33 | 3.1% | < 1 | | | | 80% | 120% |
| B | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573099 | 51 | 48 | 6.1% | < 1 | 153 | 192 | 80% | 80% | 120% |
| Be | 1 | 2573099 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573099 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573099 | 0.067 | 0.063 | 6.2% | < 0.01 | 0.32 | 0.35 | 91% | 80% | 120% |
| Cd | 1 | 2573099 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573099 | 75 | 76 | 1.3% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573099 | 6.7 | 7.0 | 4.4% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573099 | 32.3 | 33.6 | 3.9% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573099 | 59.9 | 59.5 | 0.7% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573099 | 3.82 | 3.75 | 1.8% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573099 | 5 | 6 | 18.2% | < 5 | | | | 80% | 120% |
| In | 1 | 2573099 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573099 | 0.06 | 0.06 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573099 | 31 | 31 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573099 | 49 | 48 | 2.1% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573099 | 1.20 | 1.15 | 4.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573099 | 309 | 321 | 3.8% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573099 | 1.54 | 1.15 | 29.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573099 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573099 | 26.9 | 28.3 | 5.1% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573099 | 333 | 346 | 3.8% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573099 | 14.2 | 14.6 | 2.8% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573099 | 13 | 14 | 7.4% | < 10 | | | | 80% | 120% |
| S | 1 | 2573099 | 0.018 | 0.018 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573099 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573099 | 0.8 | 0.8 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573099 | 13 | < 10 | | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573099 | 10.0 | 8.2 | 19.8% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573099 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573099 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573099 | 0.015 | 0.013 | 14.3% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573099 | 34.9 | 35.7 | 2.3% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573099 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573099 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | | Lower | Upper |
| Zn | 1 | 2573099 | 94.5 | 95.4 | 0.9% | 4.6 | 180 | 173 | 104% | 80% | 120% |
| Zr | 1 | 2573099 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573124 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573124 | 1.78 | 1.77 | 0.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573124 | 15 | 16 | 6.5% | < 1 | | | | 80% | 120% |
| B | 1 | 2573124 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573124 | 16 | 17 | 6.1% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573124 | 0.7 | 0.7 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573124 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573124 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573124 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573124 | 186 | 184 | 1.1% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573124 | 29.5 | 29.2 | 1.0% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573124 | 27.2 | 26.8 | 1.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573124 | 70.5 | 68.0 | 3.6% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573124 | 5.15 | 5.04 | 2.2% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573124 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573124 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573124 | 0.053 | 0.056 | 5.5% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573124 | 67 | 65 | 3.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573124 | 46 | 46 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573124 | 0.72 | 0.72 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573124 | 565 | 553 | 2.1% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573124 | 1.8 | 2.5 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573124 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573124 | 68.8 | 67.1 | 2.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573124 | 353 | 343 | 2.9% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573124 | 28.8 | 28.7 | 0.3% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573124 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573124 | 0.015 | 0.015 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573124 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573124 | 3.56 | 3.43 | 3.7% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573124 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573124 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573124 | 8.71 | 9.86 | 12.4% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573124 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573124 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573124 | 19 | 16 | 17.1% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573124 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573124 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573124 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573124 | 21.0 | 20.9 | 0.5% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573124 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Y | 1 | 2573124 | 21 | 20 | 4.9% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573124 | 134 | 130 | 3.0% | 5.6 | | | | 80% | 120% |
| Zr | 1 | 2573124 | 7 | 7 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573129 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573129 | 2.27 | 2.25 | 0.9% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573129 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573129 | 10 | 7 | | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573129 | 68 | 71 | 4.3% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573129 | 0.6 | 0.6 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573129 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573129 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573129 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573129 | 55 | 58 | 5.3% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573129 | 5.6 | 5.7 | 1.8% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573129 | 26.6 | 27.3 | 2.6% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573129 | 84.3 | 85.7 | 1.6% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573129 | 9.59 | 9.32 | 2.9% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573129 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573129 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573129 | 0.034 | 0.044 | 25.6% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573129 | 24 | 26 | 8.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573129 | 41 | 42 | 2.4% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573129 | 0.75 | 0.75 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573129 | 531 | 541 | 1.9% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573129 | 3.7 | 3.4 | 8.5% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573129 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573129 | 16.7 | 16.9 | 1.2% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573129 | 772 | 842 | 8.7% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573129 | 51.4 | 75.6 | | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573129 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573129 | 0.130 | 0.131 | 0.8% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573129 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573129 | 3.0 | 3.2 | 6.5% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573129 | 12 | 16 | 28.6% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573129 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573129 | 204 | 204 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573129 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573129 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573129 | 26 | 28 | 7.4% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573129 | 0.042 | 0.050 | 17.4% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573129 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573129 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573129 | 23.7 | 24.7 | 4.1% | < 0.5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| W | 1 | 2573129 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573129 | 13 | 13 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573129 | 2270 | 444 | | 7.3 | | | | 80% | 120% |
| Zr | 1 | 2573129 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573149 | < 0.2 | 0.9 | | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573149 | 1.88 | 1.86 | 1.1% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573149 | 25 | 26 | 3.9% | < 1 | | | | 80% | 120% |
| B | 1 | 2573149 | 6 | 8 | 28.6% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573149 | 16 | 16 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573149 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573149 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573149 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573149 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573149 | 163 | 163 | 0.0% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573149 | 2.5 | 2.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573149 | 31.0 | 30.7 | 1.0% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573149 | 76.7 | 77.3 | 0.8% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573149 | 6.81 | 6.69 | 1.8% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573149 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573149 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573149 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573149 | 76 | 76 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573149 | 45 | 45 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573149 | 0.78 | 0.78 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573149 | 300 | 303 | 1.0% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573149 | 3.0 | 3.0 | 0.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573149 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573149 | 4.75 | 4.70 | 1.1% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573149 | 832 | 820 | 1.5% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573149 | 68.0 | 67.8 | 0.3% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573149 | 13 | 14 | 7.4% | < 10 | | | | 80% | 120% |
| S | 1 | 2573149 | 0.0601 | 0.0595 | 1.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573149 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573149 | 3.7 | 3.7 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573149 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573149 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573149 | 10.3 | 10.3 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573149 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573149 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573149 | 30 | 28 | 6.9% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573149 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573149 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573149 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| V | 1 | 2573149 | 25.9 | 26.1 | 0.8% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573149 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573149 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573149 | 302 | 540 | | 2.8 | | | | 80% | 120% |
| Zr | 1 | 2573149 | 6 | 6 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573174 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573174 | 1.56 | 1.57 | 0.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573174 | 32 | 32 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573174 | 37 | 36 | 2.7% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573174 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573174 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573174 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573174 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573174 | 79 | 76 | 3.9% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573174 | 4.94 | 5.13 | 3.8% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573174 | 23.8 | 24.4 | 2.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573174 | 60.5 | 63.6 | 5.0% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573174 | 4.66 | 4.76 | 2.1% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573174 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573174 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573174 | 35 | 34 | 2.9% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573174 | 32 | 33 | 3.1% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573174 | 0.475 | 0.481 | 1.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573174 | 255 | 263 | 3.1% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573174 | 2.3 | 2.2 | 4.4% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573174 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573174 | 18.6 | 19.1 | 2.7% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573174 | 602 | 634 | 5.2% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573174 | 51.9 | 55.9 | 7.4% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573174 | 12 | 12 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573174 | 0.055 | 0.055 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573174 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573174 | 1.02 | 1.12 | 9.3% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573174 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573174 | 7.91 | 7.61 | 3.9% | 1.2 | | | | 80% | 120% |
| Ta | 1 | 2573174 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573174 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573174 | < 5 | 5 | | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573174 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | 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 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573174 | 28.6 | 29.1 | 1.7% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573174 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573174 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573174 | 104 | 106 | 1.9% | 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573174 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573199 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573199 | 0.41 | 0.41 | 0.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573199 | 2 | 2 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573199 | 17 | 17 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573199 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573199 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573199 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573199 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573199 | 18 | 17 | 5.7% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573199 | 1.80 | 1.71 | 5.1% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573199 | 4.9 | 4.8 | 2.1% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573199 | 13.7 | 13.1 | 4.5% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573199 | 0.87 | 0.83 | 4.7% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573199 | < 1 | 1 | | < 1 | | | | 80% | 120% |
| K | 1 | 2573199 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573199 | 8 | 7 | 13.3% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573199 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573199 | 0.08 | 0.08 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573199 | 60 | 57 | 5.1% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573199 | 0.7 | 0.7 | 0.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573199 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573199 | 5.5 | 5.0 | 9.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573199 | 281 | 261 | 7.4% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573199 | 4.7 | 4.7 | 0.0% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573199 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573199 | 0.012 | 0.012 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573199 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573199 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573199 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573199 | 3.7 | 3.9 | 5.3% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573199 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573199 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573199 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | 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 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573199 | 10.2 | 10.2 | 0.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573199 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573199 | 1 | 1 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573199 | 21.8 | 22.0 | 0.9% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573199 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573225 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573225 | 0.66 | 0.68 | 3.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573225 | 9 | 8 | 11.8% | < 1 | | | | 80% | 120% |
| B | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573225 | 24 | 25 | 4.1% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573225 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573225 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573225 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573225 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573225 | 36 | 36 | 0.0% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573225 | 3.7 | 3.7 | 0.0% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573225 | 8.3 | 8.3 | 0.0% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573225 | 13.9 | 14.3 | 2.8% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573225 | 1.74 | 1.77 | 1.7% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573225 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573225 | 0.04 | 0.04 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573225 | 16 | 16 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573225 | 12 | 12 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573225 | 0.25 | 0.26 | 3.9% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573225 | 295 | 291 | 1.4% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573225 | 0.5 | 0.9 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573225 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573225 | 9.54 | 9.69 | 1.6% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573225 | 609 | 595 | 2.3% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573225 | 10.5 | 10.4 | 1.0% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573225 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573225 | 0.008 | 0.008 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573225 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573225 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573225 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573225 | 4.0 | 4.2 | 4.9% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573225 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573225 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Ti | 1 | 2573225 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573225 | 20.2 | 19.8 | 2.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573225 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573225 | 1 | 1 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573225 | 43.6 | 43.5 | 0.2% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573225 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573235 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573235 | 1.41 | 1.43 | 1.4% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573235 | 16 | 16 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573235 | 33 | 33 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573235 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573235 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573235 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573235 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573235 | 74 | 73 | 1.4% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573235 | 8.2 | 8.0 | 2.5% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573235 | 20.2 | 19.9 | 1.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573235 | 34.8 | 34.6 | 0.6% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573235 | 4.01 | 4.11 | 2.5% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573235 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573235 | 0.06 | 0.06 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573235 | 34 | 33 | 3.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573235 | 29 | 30 | 3.4% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573235 | 0.534 | 0.557 | 4.2% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573235 | 645 | 657 | 1.8% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573235 | 1.3 | 1.9 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573235 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573235 | 19.4 | 18.9 | 2.6% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573235 | 784 | 772 | 1.5% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573235 | 15.4 | 15.5 | 0.6% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573235 | 13 | 12 | 8.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573235 | 0.0321 | 0.0335 | 4.3% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573235 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573235 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573235 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573235 | 4.91 | 6.61 | 29.5% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573235 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573235 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Th | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573235 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573235 | 25.6 | 25.1 | 2.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573235 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573235 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573235 | 70.3 | 69.3 | 1.4% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573235 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573250 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573250 | 1.80 | 1.81 | 0.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573250 | 29 | 28 | 3.5% | < 1 | | | | 80% | 120% |
| B | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573250 | 37 | 37 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573250 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573250 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573250 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573250 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573250 | 68 | 64 | 6.1% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573250 | 11.3 | 7.8 | | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573250 | 32.0 | 29.7 | 7.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573250 | 45.3 | 42.6 | 6.1% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573250 | 5.18 | 5.18 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573250 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573250 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573250 | 25 | 24 | 4.1% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573250 | 34 | 35 | 2.9% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573250 | 0.602 | 0.612 | 1.6% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573250 | 610 | 587 | 3.8% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573250 | 2.00 | 2.27 | 12.6% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573250 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573250 | 23.8 | 22.5 | 5.6% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573250 | 947 | 914 | 3.5% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573250 | 17.9 | 18.2 | 1.7% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573250 | 13 | 13 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573250 | 0.021 | 0.021 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573250 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573250 | 0.53 | 0.44 | 18.6% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573250 | 16 | < 10 | | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573250 | 7.0 | 6.7 | 4.4% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573250 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Te | 1 | 2573250 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573250 | < 0.01 | 0.01 | | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573250 | 34.0 | 32.7 | 3.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573250 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573250 | 3 | 3 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573250 | 89.2 | 85.0 | 4.8% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573250 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573275 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573275 | 0.827 | 0.798 | 3.6% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573275 | 4 | 4 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573275 | 52 | 49 | 5.9% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573275 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573275 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573275 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573275 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573275 | 37 | 36 | 2.7% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573275 | 7.68 | 7.29 | 5.2% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573275 | 31.5 | 30.8 | 2.2% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573275 | 34.8 | 35.3 | 1.4% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573275 | 2.65 | 2.59 | 2.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573275 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573275 | 0.04 | 0.04 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573275 | 15 | 14 | 6.9% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573275 | 15 | 14 | 6.9% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573275 | 0.35 | 0.35 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573275 | 1030 | 980 | 5.0% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573275 | 0.8 | 1.0 | 22.2% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573275 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573275 | 21.4 | 21.1 | 1.4% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573275 | 1090 | 1070 | 1.9% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573275 | 9.08 | 8.90 | 2.0% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573275 | 11 | 11 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573275 | 0.047 | 0.046 | 2.2% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573275 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573275 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573275 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573275 | 6.8 | 5.5 | 21.1% | < 0.5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Ta | 1 | 2573275 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573275 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573275 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573275 | 29.0 | 27.9 | 3.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573275 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573275 | 2 | 2 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573275 | 69.0 | 67.4 | 2.3% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573275 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573300 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573300 | 2.56 | 2.57 | 0.4% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573300 | 22 | 22 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573300 | 22 | 22 | 0.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573300 | 0.5 | 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573300 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573300 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573300 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573300 | 91 | 91 | 0.0% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573300 | 15.9 | 16.2 | 1.9% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573300 | 38.1 | 38.5 | 1.0% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573300 | 67.6 | 67.4 | 0.3% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573300 | 4.92 | 4.98 | 1.2% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573300 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573300 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573300 | 38 | 38 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573300 | 69 | 69 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573300 | 1.15 | 1.19 | 3.4% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573300 | 673 | 669 | 0.6% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573300 | 1.7 | 1.2 | | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573300 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573300 | 40.4 | 41.0 | 1.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573300 | 300 | 304 | 1.3% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573300 | 18.3 | 18.3 | 0.0% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573300 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573300 | 0.010 | 0.010 | 0.0% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573300 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573300 | 2.12 | 2.17 | 2.3% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573300 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Sr | 1 | 2573300 | 9.3 | 9.5 | 2.1% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573300 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573300 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573300 | 10 | 9 | 10.5% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573300 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573300 | 26.3 | 25.8 | 1.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573300 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573300 | 5 | 5 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573300 | 112 | 113 | 0.9% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573300 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573323 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573323 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573323 | 22 | 22 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573323 | 5 | 6 | 18.2% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573323 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573323 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573323 | 0.120 | 0.126 | 4.9% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573323 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573323 | 40 | 39 | 2.5% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573323 | 2.6 | 2.6 | 0.0% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573323 | 389 | 387 | 0.5% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573323 | 5.5 | 5.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573323 | 0.817 | 0.835 | 2.2% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573323 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573323 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573323 | 19 | 19 | 0.0% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573323 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573323 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573323 | 26 | 26 | 0.0% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573323 | 5.18 | 5.09 | 1.8% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573323 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573323 | 7.8 | 7.8 | 0.0% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573323 | 582 | 602 | 3.4% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573323 | 13.5 | 14.1 | 4.3% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573323 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573323 | 0.0707 | 0.0746 | 5.4% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573323 | < 1 | 1 | | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573323 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573323 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Sn | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573323 | 11.2 | 10.7 | 4.6% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573323 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573323 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573323 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573323 | 2.24 | 2.40 | 6.9% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573323 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573323 | 2 | 2 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573323 | 9.5 | 5.2 | | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573323 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573330 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573330 | 0.784 | 0.834 | 6.2% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573330 | 15 | 17 | 12.5% | < 1 | | | | 80% | 120% |
| B | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573330 | 5 | 6 | 18.2% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573330 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573330 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573330 | 0.324 | 0.330 | 1.8% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573330 | 3.84 | 3.93 | 2.3% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573330 | 20 | 24 | 18.2% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573330 | 6.22 | 6.47 | 3.9% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573330 | 200 | 225 | 11.8% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573330 | 18.2 | 18.4 | 1.1% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573330 | 2.05 | 2.14 | 4.3% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573330 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573330 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573330 | 7 | 8 | 13.3% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573330 | 23 | 24 | 4.3% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573330 | 0.42 | 0.43 | 2.4% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573330 | 652 | 666 | 2.1% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573330 | 3.94 | 4.02 | 2.0% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573330 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573330 | 21.5 | 22.2 | 3.2% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573330 | 76 | 85 | 11.2% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573330 | 7.28 | 6.62 | 9.5% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573330 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573330 | 0.210 | 0.219 | 4.2% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573330 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Sc | 1 | 2573330 | 1.53 | 1.65 | 7.5% | < 0.5 | | | | 80% | 120% |



Results relate only to the items tested

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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | 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 | 2573330 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573330 | 11.7 | 11.8 | 0.9% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573330 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573330 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573330 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573330 | 13.0 | 13.6 | 4.5% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573330 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573330 | 2 | 2 | 0.0% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573330 | 468 | 471 | 0.6% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573330 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP-OES finish (201073) | | | | | | | | | | | |
| Ag | 1 | 2573348 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Al | 1 | 2573348 | 0.342 | 0.314 | 8.5% | < 0.01 | | | | 80% | 120% |
| As | 1 | 2573348 | 11 | 11 | 0.0% | < 1 | | | | 80% | 120% |
| B | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ba | 1 | 2573348 | 11 | 9 | 20.0% | < 1 | | | | 80% | 120% |
| Be | 1 | 2573348 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Bi | 1 | 2573348 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Ca | 1 | 2573348 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2573348 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% |
| Ce | 1 | 2573348 | 95 | 91 | 4.3% | < 1 | | | | 80% | 120% |
| Co | 1 | 2573348 | 3.7 | 3.5 | 5.6% | < 0.5 | | | | 80% | 120% |
| Cr | 1 | 2573348 | 228 | 215 | 5.9% | < 0.5 | | | | 80% | 120% |
| Cu | 1 | 2573348 | 15.4 | 14.7 | 4.7% | < 0.5 | | | | 80% | 120% |
| Fe | 1 | 2573348 | 3.12 | 2.92 | 6.6% | < 0.01 | | | | 80% | 120% |
| Ga | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| In | 1 | 2573348 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| K | 1 | 2573348 | 0.061 | 0.055 | 10.3% | < 0.01 | | | | 80% | 120% |
| La | 1 | 2573348 | 27 | 26 | 3.8% | < 1 | | | | 80% | 120% |
| Li | 1 | 2573348 | 12 | 11 | 8.7% | < 1 | | | | 80% | 120% |
| Mg | 1 | 2573348 | 0.045 | 0.041 | 9.3% | < 0.01 | | | | 80% | 120% |
| Mn | 1 | 2573348 | 175 | 169 | 3.5% | < 1 | | | | 80% | 120% |
| Mo | 1 | 2573348 | 2.41 | 2.68 | 10.6% | < 0.5 | | | | 80% | 120% |
| Na | 1 | 2573348 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ni | 1 | 2573348 | 27.3 | 26.1 | 4.5% | < 0.5 | | | | 80% | 120% |
| P | 1 | 2573348 | 97 | 95 | 2.1% | < 10 | | | | 80% | 120% |
| Pb | 1 | 2573348 | 14.8 | 14.3 | 3.4% | < 0.5 | | | | 80% | 120% |
| Rb | 1 | 2573348 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| S | 1 | 2573348 | 0.024 | 0.021 | 13.3% | < 0.005 | | | | 80% | 120% |
| Sb | 1 | 2573348 | 2 | 1 | | < 1 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES
AGAT WORK ORDER: 11Y513929
PROJECT NO: HY-JAY
ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits Lower | Acceptable Limits Upper |
| Sc | 1 | 2573348 | 1.0 | 1.0 | 0.0% | < 0.5 | | | | 80% | 120% |
| Se | 1 | 2573348 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Sn | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Sr | 1 | 2573348 | 4.90 | 4.02 | 19.7% | < 0.5 | | | | 80% | 120% |
| Ta | 1 | 2573348 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Te | 1 | 2573348 | < 10 | < 10 | 0.0% | < 10 | | | | 80% | 120% |
| Th | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Ti | 1 | 2573348 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| Tl | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| U | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| V | 1 | 2573348 | 4.79 | 4.74 | 1.0% | < 0.5 | | | | 80% | 120% |
| W | 1 | 2573348 | < 1 | < 1 | 0.0% | < 1 | | | | 80% | 120% |
| Y | 1 | 2573348 | 6 | 5 | 18.2% | < 1 | | | | 80% | 120% |
| Zn | 1 | 2573348 | 34.3 | 33.5 | 2.4% | < 0.5 | | | | 80% | 120% |
| Zr | 1 | 2573348 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573049 | 0.008 | 0.008 | 0.0% | < 0.002 | 0.0822 | 0.0849 | 97% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573112 | 0.0040 | 0.0045 | 11.8% | < 0.002 | 0.224 | 0.203 | 110% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573087 | 0.0067 | 0.0065 | 3.0% | < 0.002 | 0.891 | 0.922 | 97% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573137 | 0.0077 | 0.0071 | 8.1% | < 0.002 | 0.0788 | 0.0849 | 93% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573149 | 0.0108 | 0.0116 | 7.1% | < 0.002 | 1.003 | 0.922 | 109% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573237 | 0.004 | 0.011 | | < 0.002 | 0.0843 | 0.0849 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573250 | 0.0047 | 0.0035 | 29.3% | < 0.002 | 0.2 | 0.203 | 99% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573263 | 0.005 | 0.005 | 0.0% | < 0.002 | 0.0918 | 0.0849 | 108% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573275 | 0.004 | 0.004 | 0.0% | < 0.002 | 0.0781 | 0.0849 | 92% | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573288 | 0.010 | 0.004 | | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573300 | 0.006 | 0.010 | | < 0.002 | | | | 80% | 120% |



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# Quality Assurance

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

## Solid Analysis (Continued)

| RPT Date: Aug 17, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | | Lower | Upper |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573313 | 0.005 | 0.005 | 0.0% | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573323 | 0.0047 | 0.0041 | 13.6% | < 0.002 | | | | 80% | 120% |
| Fire Assay - Trace Au, AAS finish (202051) | | | | | | | | | | | |
| Au | 1 | 2573338 | 0.002 | 0.002 | 0.0% | < 0.002 | | | | 80% | 120% |

Certified By: Ron Cardinall



Results relate only to the items tested

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# Method Summary

CLIENT NAME: BEARING RESOURCES

AGAT WORK ORDER: 11Y513929

PROJECT NO: HY-JAY

ATTENTION TO: DAVE TUPPER

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---|---|---|---|
| Solid Analysis | | | |
| Ag | MIN-200-12020 | | ICP/OES |
| Al | MIN-200-12020 | | ICP/OES |
| As | MIN-200-12020 | | ICP/OES |
| B | MIN-200-12020 | | ICP/OES |
| Ba | MIN-200-12020 | | ICP/OES |
| Be | MIN-200-12020 | | ICP/OES |
| Bi | MIN-200-12020 | | ICP/OES |
| Ca | MIN-200-12020 | | ICP/OES |
| Cd | MIN-200-12020 | | ICP/OES |
| Ce | MIN-200-12020 | | ICP/OES |
| Co | MIN-200-12020 | | ICP/OES |
| Cr | MIN-200-12020 | | ICP/OES |
| Cu | MIN-200-12020 | | ICP/OES |
| Fe | MIN-200-12020 | | ICP/OES |
| Ga | MIN-200-12020 | | ICP/OES |
| Hg | MIN-200-12020 | | ICP/OES |
| In | MIN-200-12020 | | ICP/OES |
| K | MIN-200-12020 | | ICP/OES |
| La | MIN-200-12020 | | ICP/OES |
| Li | MIN-200-12020 | | ICP/OES |
| Mg | MIN-200-12020 | | ICP/OES |
| Mn | MIN-200-12020 | | ICP/OES |
| Mo | MIN-200-12020 | | ICP/OES |
| Na | MIN-200-12020 | | ICP/OES |
| Ni | MIN-200-12020 | | ICP/OES |
| P | MIN-200-12020 | | ICP/OES |
| Pb | MIN-200-12020 | | ICP/OES |
| Rb | MIN-200-12020 | | ICP/OES |
| S | MIN-200-12020 | | ICP/OES |
| Sb | MIN-200-12020 | | ICP/OES |
| Sc | MIN-200-12020 | | ICP/OES |
| Se | MIN-200-12020 | | ICP/OES |
| Sn | MIN-200-12020 | | ICP/OES |
| Sr | MIN-200-12020 | | ICP/OES |
| Ta | MIN-200-12020 | | ICP/OES |
| Te | MIN-200-12020 | | ICP/OES |
| Th | MIN-200-12020 | | ICP/OES |
| Ti | MIN-200-12020 | | ICP/OES |
| Tl | MIN-200-12020 | | ICP/OES |
| U | MIN-200-12020 | | ICP/OES |
| V | MIN-200-12020 | | ICP/OES |
| W | MIN-200-12020 | | ICP/OES |
| Y | MIN-200-12020 | | ICP/OES |
| Zn | MIN-200-12020 | | ICP/OES |
| Zr | MIN-200-12020 | | ICP/OES |
| As-OL | | | ICP/OES |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Au | MIN-200-12019 | BUGBEE, E: A Textbook of Fire Assaying | AAS |



Results relate only to the items tested

# A structural and stratigraphic study of the upper Hyland River Gold Belt
# Hy, Jay, Reef, Bloom and VF properties.

**-prepared for-**

## Bearing Resources Ltd
## and
## Precipitate Gold Corporation

**-prepared by-**


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**Field work**
**July 2011**

**Report submitted**
**September 2011**

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# 1. Introduction

During July 2011, a three week regional mapping program was conducted on behalf of Bearing Resources Ltd and Precipitate Gold Corporation in the upper Hyland River area of southeast Yukon (Fig. 1). The program consisted dominantly of ridge-top traverses in the Hy (Bearing), Jay (Bearing & Precipitate), Reef (formerly Fer) (Precipitate), and Bloom (Precipitate) properties, with additional mapping in the VF property and off claim north of the properties (Appendix B.1). The aim of the program was to identify any regional trends in structure and stratigraphy that may aid in the discovery of any potential gold-bearing zones.

## 1.1 Location

The properties are situated in the Logan Mountains, east of the Selwyn range and west of the Nahanni range. The main block of claims (Hy, Jay, Reef, and Bloom properties) are located approximately 200 km north of Watson Lake, 30 km north of the confluence of the Hyland and upper Hyland rivers and west of the Nahanni Range Road (Highway 10) that runs north from the Robert Campbell Highway in the Yukon to Tungsten, NWT. The VF property is located approximately 25 km southeast from the centre of the main block of claims. Between VF and the main block are the Sprogge and 3Aces properties that are owned and operated by Northern Tiger Resources (Appendix B.1). Elevations in the region range from about 1200 m in the Hyland valley to over 2000 m on ridge peaks. Vegetation consists of dwarf black spruce forest below tree-line at about 1400 metres, and is dominated by alpine vegetation and scrub brush above that level.

## 1.2 Previous work

While no information is available for any previous work conducted on the Jay, Bloom

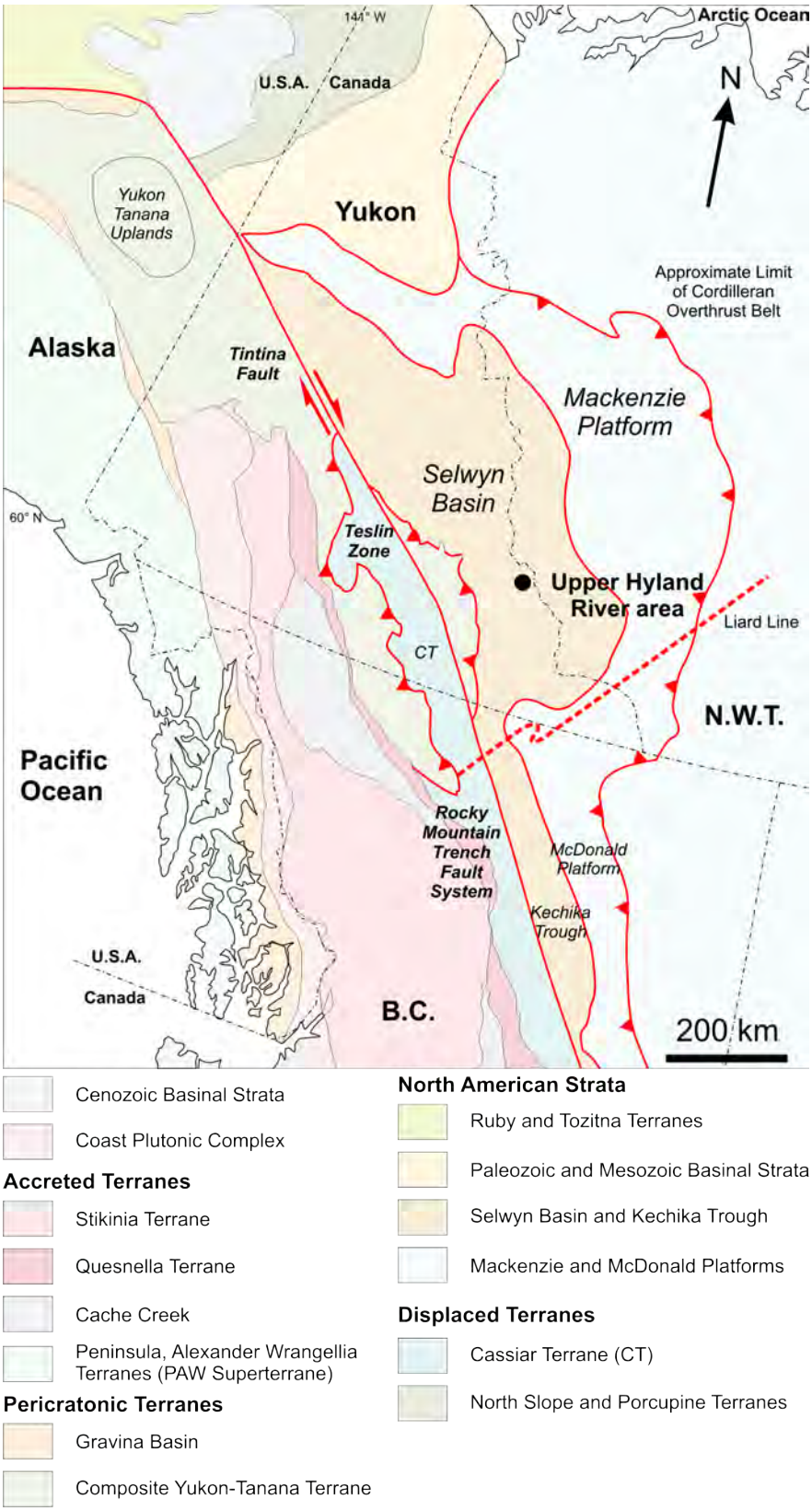



**Fig.1.** Simplified regional geology of the northern Cordillera in Yukon, British Columbia and eastern Alaska (modified after Mair et al., 2006).

or VF properties, Gale and Terry (1998), Harris (2000), Jones and Caulfield (2000) and Jones (1997) outlined historical work completed regionally and on the Hy and Reef properties. Federally sponsored work was carried out on the region by the Geological Survey of Canada that encompassed an airborne magnetic survey (GSC, Aeromagnetic Series, 1961), a regional mapping program (Roots et al., 1966), and a stream sediment sampling program (Hornbrook and Friske, 1989). The stream sediment sampling program identified the Fer property area as having highly anomalous arsenic and local anomalous gold values (Jones and Caulfield, 2000).

The Reef property was originally staked by Westmin Resources Limited in 1996, and covered the strongest cluster of anomalous gold and arsenic results (>90th percentile) from a regional fine-sediment-sampling program conducted by Westmin in 1994 (Jones and Caulfield, 2000). Subsequent to this, Westmin did contour soil sampling, geological mapping (1:10 000; 1:5000), and rock sampling in 1996 (Jones, 1997) and Gale and Terry (1998). The results of this work indicated extensive areas of moderately to strongly anomalous results for gold and arsenic that were primarily associated with thick quartz-rich clastic sedimentary units (Appendix B.3; B.4). In 1998 Rimfire Minerals Corporation (Jones and Caulfield, 2000) followed up the anomalous gold and arsenic values in soils by taking samples over significant widths to examine the potential for large tonnage, disseminated gold deposits (Jones and Caulfield, 2000).

The Phelps Dodge Corporation of Canada Limited staked the Hy property in 1996 following the discovery of anomalous gold values in rock and silt samples by a reconnaissance sampling program. The following year, Phelps Dodge identified two anomalous trends of Au mineralization in soil and rock during the course of a prospecting, mapping, and soil sampling program (Harris, 2000). The West Gold Zone is a narrow, linear belt 1250 m in length with Au values of up to 484 ppb in soil and 8.74 g/t in rocks.

The East Gold Zone, measuring 500 m in length and 50 to 200 metres in width with Au values of 1259 ppb in soil and 37.6 g/t in rocks (Harris, 2000). In 1998, Paramount Ventures & Finance Inc. acquired an option on the Hy property claims and extended the soil grid, carried out further geological mapping, and hand trenching (Harris, 2000).

### 1.3 Regional Geology

The region occupies the eastern extent of the Selwyn Basin and Selwyn Fold Belt (Figs. 1 & 2). The Selwyn Basin comprises Upper Proterozoic to Devonian clastic, carbonate, volcanic, ultrabasic and granitic rocks, while the Selwyn Fold Belt consists of a series of northwest-trending and -plunging, northeast-verging folds with strike lengths of 30 to 40 kilometres and amplitudes of one to two kilometres (Harris, 2000).

The study area is underlain by rocks of the Neoproterozoic to Lower Cambrian Hyland Group (Hart and Lewis, 2006; Harris, 2000; Jones and Caulfield, 2000; Gale, 1997). The Hyland Group consists of greater than 3000 m of siliciclastic and bioclastic, platformal or continental margin sedimentary rocks. Lower Hyland Group rocks are primarily comprised of quartzite, quartz grit, and quartz pebble conglomerate and limestone with interbedded phyllite, whereas the upper 500 m is comprised almost exclusively of shale (phyllite) (Harris, 2000). Hart and Lewis (2006) suggested that the rocks in the study area are divisible into; 1) coarse clastic, quartz-rich grits, conglomerates and quartzites of the dominantly Neoproterozoic Yusezyu Formation, and 2) overlying maroon and green argillites, grey shales and lesser grits and sandstone of the dominantly Lower Cambrian Narchilla Formation (Fig. 3). This study has recorded data from both the apparent Narchilla and Yusezyu formations, and has come up with different results, and as such these shall be discussed later.

Cross-cutting the Hyland Group metasedimentary rocks are granitic, mid-Cretaceous

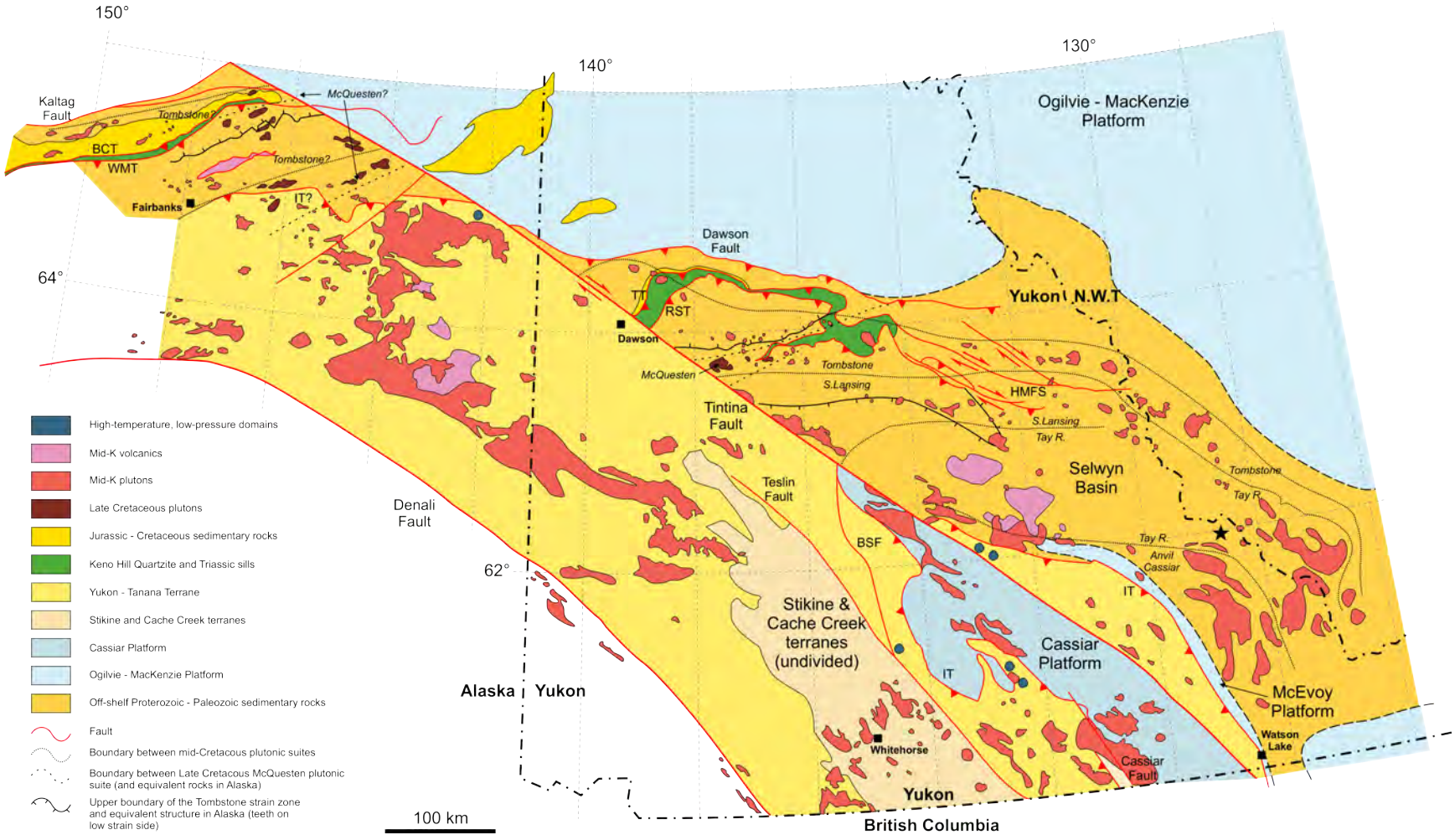



**Fig. 2**. Map of Yukon and eastern Alaska showing geological features on opposite sides of the Tintina fault. Abbreviations: Yukon: DF = Dawson fault; HMFS = Hess-Macmillan fault system; IT = Inconnu thrust fault; RST = Robert Service thrust fault; TSZ = Tombstone strain zone; TT = Tombstone thrust fault. Alaska: BCT = Beaver Creek thrust fault; WMT = White Mountains thrust fault. Star indicate study area. Modified after Gabrielse et al. (2006).

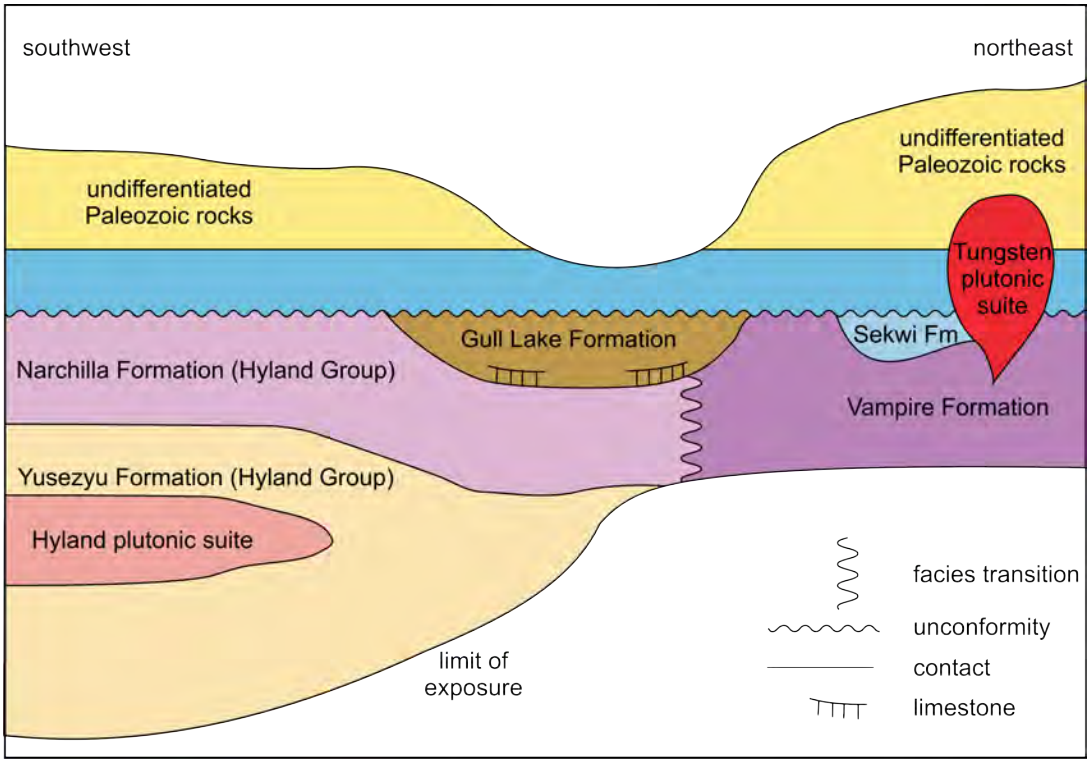



**Fig. 3**. Generalised cross-section for the upper Hyland River area. Modified after Hart and Lewis (2008).

intrusions of the Tay River and Tungsten suites (Jones and Caulfield, 2000). These intrusive suites are two of a series of similarly-aged, metallogenically-linked, lithophile-enriched intrusive suites that stretch in a broad arc from southeastern Yukon to southwest Alaska (Harris, 2000). This arc, informally named the Tintina Gold Belt, is host to Au deposits at Donlin Creek, Fort Knox, Pogo, Dublin Gulch, and Brewery Creek (Harris, 2000). Two types of intrusions are distinguished based on their size and contact characteristics. The larger batholiths (Tay River suite), to the south and southwest of the Reef property, have ill-defined boundaries consisting of mixed intrusive, migmatitic and gneissic rocks. The smaller intrusions (Tungsten and Tay River (?) suites) have sharp contacts and pronounced metamorphic aureoles characterized by gossans (after pyrite, or biotite?) (Jones and Caulfield, 2000). An elongate example of this type of intrusion occurs just south of the Hyland River, about 5 km south of the Reef property  has been dated at 92.5 Ma by Heffeman and Mortensen (1999).

Hyland Group rocks have been weakly metamorphosed. Gale and Terry (1998) indicated that regional deformation has imposed a fabric that is most evident in the pelitic rocks of the Hyland Group. Although this is true, this study will show that more than one deformation event is recorded in the rocks of the study area. In addition Gale and Terry (1998) also suggested that the strong fracturing of quartz-rich rocks was likely produced by the same regional deformation event. While there are abundant quartz veins present in many siliciclastic rocks, the author finds it unlikely that the early regional deformation and metamorphism associated folding is kinematically related to high-level fracturing and associated silica mobilisation.

Linear valleys are common in the region and suggest the possibility of several significant faults, local aeromagnetic surveys support this interpretation. Steep dipping north- to northeast- and northwest-trending faults are prevalent. Several roughly north-south structures are evident in the drainage patterns. The Hyland and Little Hyland rivers occupy large, linear, northwest-trending valleys, which may represent major strike-slip faults. Jones and Caulfield (2000) noted that bedding and axial planes generally trend northwest, turning westerly, west of the Reef property, with moderate to steep dips.

## 2. Lithostratigraphy

As mentioned above, the rocks underlying the field area belong to the Hyland Group and the lithologies appear to be similar to those outlined by Hart and Lewis (2006) for the Narchilla and Yusezyu formations. Overall the sequence appears to be conformable, however some structurally controlled stratigraphic repetition is evident and shall be discussed later (Appendix B2 - B5). For the purpose of the study, the rocks have been divided up into four main units. The distinction between units is based on grain size and sorting, calcareous content and colour. It should be noted that while the units appear distinct and have a broad set of defining characteristics, in places there can be quite

significant overlap between units. Overall the sequence appears to be transitional and indicates a series of transgressive and regressive trends during basin development.

For the purpose of this study, the units have been arbitrarily named units 1 – 4 in their apparent chronological order, with unit 1 being the oldest. This in itself presents an intriguing problem when referring back to the work of Jones (1996), Jones and Caulfield (2000), Gale and Terry (1998), Harris (2000), and Hart and Lewis (2006) that shall be discussed later.

Unit 1 is typically comprised of maroon – green argillite; unit 2 is a calcareous sequence of sandstone and limestone; unit 3 is typically composed of fine-grained sandstone and phyllite; and unit 4 is dominated by coarse-grained sandstone and quartz-pebble conglomerate. The units are described in detail below.

### 2.1 Unit 1

Unit 1 is typically composed of green-maroon/purple argillite and appears to correlate with the Narchilla Formation described by Hart and Lewis (2006). Fresh surfaces alternate between green and maroon/purple and weather to orange-red-brown. While bedding can be problematic to identify the unit is typically thin- to medium-bedded, however slatey cleavage surfaces are common and well-defined. Laminae are rarely boudinaged and sporadic, micro- to meso-scale, upright, open to recumbent, isoclinal folds are observed. Interbedded with the argillite is relatively rare, thin-bedded, strong to weakly foliated, sporadically cross-laminated, light grey to tan coloured, phyllite and fine- to medium-grained, non-calcareous, arkosic sandstone, and sericite schist. Cross-laminations uniformly indicate that the rocks are the right way-up. No sulfide mineralisation was identified in this unit.

## 2.2 Unit 2

Unit 2 is characterized by abundant weak to strongly calcareous, fine-grained sandstone, shale and limestone. Off-claim, to the north of the properties, strongly laminated, fine-grained, grey – tan, weathering to deep red, strongly foliated calcareous sandstone interbedded with calcareous shale is observed with rare, calcareous matrix-supported, quartz-pebble conglomerate. Laminated grey – white to blue limestone occurs at the base of the section. In addition, an isoclinally folded sequence of medium-bedded, fine- to coarse-grained, orange-weathered sandstone is observed interbedded with grey, non-calcareous quartzite that weathers in positive relief to calcareous beds (Fig. 4). This differentially weathered unit is also observed towards to south of the Bloom property where sporadic karstic weathering is associated with calcareous rocks.

Elsewhere on the Bloom claims, dark laminated limestone is interbedded with cross-




**Fig. 4**. Photograph of folded, interbedded and differentially weathered, orange, calcareous sandstone (negative relief) and grey, medium-grained, quartzite. UTM 527594 mE, 6858537 mN.

laminated (right way-up), pale grey, fine-grained, non-calcareous sandstone. In addition, at UTM 527184 mE, 6864112 mN a laterally-fining, limestone conglomerate occurs with sigmoidal-shaped clasts defining two cleavage surfaces (Fig. 5).

A calcareous conglomerate also occurs in the Jay property at UTM 512210 mE, 6867308 mN, where an orange – grey, fine-grained, non-calcareous matrix supports calcareous clasts up to 10 cm in size. Clasts have a differential weathering pattern with their rinds, though both react with hydrochloric acid. In this outcrop abundant, perfectly formed pyrite crystals upto 2 cm in size are also apparent.

On the VF property (UTM 542650 mE, 6839822 mN) a thick sequence of dark grey, sporadically laminated limestone occurs. Small brecciated zones, minor quartz veins, and minor north-verging internal folds are apparent in addition to small channel structures that




**Fig. 5**. Photograph of laterally fining, limestone conglomerate. UTM 527184 mE, 6864112 mN.

indicate the unit is the right way-up and that the unit may have been deposited as limey muds.

### 2.3 Unit 3

Unit 3 is widespread across the region and is likely transitional up into the coarser material of unit 4. This unit comprises non-calcareous, pale grey to tan and sporadically highly chloritic, thin-bedded phyllite with interbedded fine- to medium-grained, massive to laminated, pale grey weathering to brown/red/orange sandstone and minor grey, medium-grained quartzite, graphitic and sericitic schist, dark grey shale and slate, and green – maroon argillite. Rare quartz-pebble conglomerate also occurs.

Contacts with medium-bedded, fine- to medium-grained sandstone are commonly gradational and appear to suggest a turbiditic origin. Strong cleavage development is common, and proximal to faults the phyllite can produce C-S fabrics and highly polished slickensides while the sandstone becomes sporadically silicified. The phyllite is also observed to develop open to isoclinal small- to meso-scale internal folds.

This unit shows abundant sedimentary structures including ripples, small channels and cross-laminations that uniformly show the beds to be the right way-up. Soft sediment deformation load structures are visible at UTM 521210 mE, 6867308 mN in the Jay property, and at UTM 543132 mE, 6836793 mN in the VF property the phyllite is seen to pinch and swell around small concretions. Small-scale slump structures are observed in the Bloom property at UTM 529498 mE, 6861140 mN (Fig. 6).

Sulfide mineralization is sporadic but minor pyrite crystals were observed on the VF and Jay properties, and arsenopyrite was observed proximal to faults within the Reef

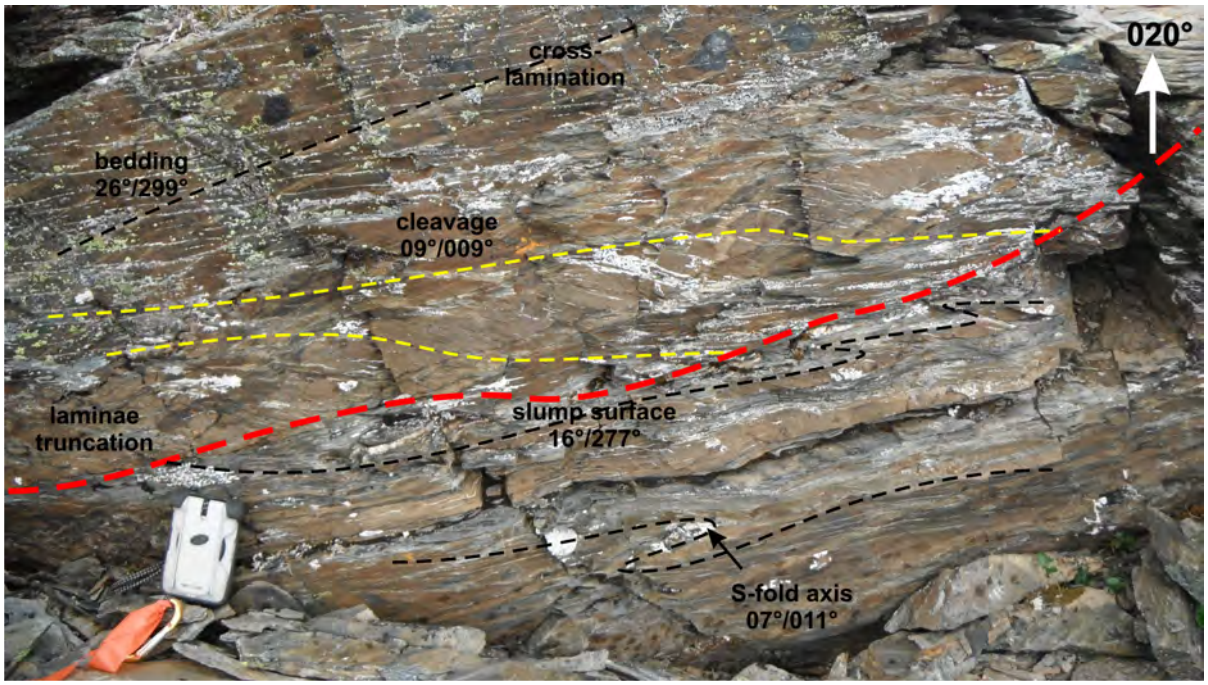



**Fig. 6**. Photograph showing slump surface (red) truncating cross-laminated and isoclinally folded beds (black) and cleavage (yellow) in unit 3 fine-grained sandstone and shale on the Bloom property. UTM 529498 mE, 8681140 mN.

property (Fig. 7). Typically the unit is recessive weathering relative to the coarser material of unit 4 and as such is commonly observed as talus or subcrop in saddles between quartz-pebble conglomerate peaks across the region

### 2.4 Unit 4

Unit 4 is the most abundant of the lithological packages observed in the region and due to its relative competence is the most likely unit to host mineralisation. The unit is characterised by abundant thick-bedded, dark grey weathering to green, massive to sporadically strongly foliated quartz-pebble conglomerate and interbedded coarse-grained, grey to orange, arkosic sandstone, and rare, thin to very thin, grey shale and light grey to tan phyllite (Fig 8). The quartz-pebble conglomerate commonly exhibits a strongly chloritic, and rarely epidotitic matrix, and sporadically hosts very soft, up to 7 mm, ovoid clasts of illite that have presumably replaced feldspar. Evidence of debris flows have



**Fig. 7**. Photograph showing large pyrite crystals within phylitic talus if unit three on the Hy property.



**Fig. 8**. Photograph showing thick-bedded, coarse-graied sandstone and quartz-pebble conglomerate with interbedded finer-grained rocks on the Hy property.

been observed within the unit with randomly oriented clasts, up to 25 cm, of fine-grained sandstone, shale, phyllite and limestone hosted in the matrix. In addition, rare areas of highly silicified conglomerate and coarse-grained sandstone are apparent, an example of this is on the Bloom property at UTM 526602 mE, 6864026 mN.

Due to its competence the unit is commonly highly fractured and hosts numerous thin to thick, cross-cutting quartz veins. The coarse-grained nature of the unit commonly hinders the identification of bedding, however at UTM 522045 mE, 6866182 mN the unit can be seen to conformably overlie phyllites of the unit 3, and at UTM 517193 mE, 6865823 (Hy), and 523742 mE, 6867100 mN (Jay) the coarse-grained sandstone is observed to be isoclinally folded. Proximal to faults the unit can be highly altered and oxidised. In a highly fractured area of the Reef property at UTM 523088 mE, 6864932 mN an oily sheen was observed on rocks of this unit that was shown to have elevated As values with the use of a Niton Analyser hand held XRF.

**2.5 Discussion**

Overall the rocks in the region appear to exhibit evidence of a conformable sequence of deposition into the basin, and show two cycles of sea level regression and transgression. Distal to source, deep water deposition of the argillites of unit 1 was followed by a shallowing trend that is associated with the calcareous deposition of unit 2 rocks. This appears to have been followed by a brief sea level rise to accommodate deposition of the unit 3 fine-grained sandstone and phyllite prior to a rapid regression, possibly as a result of uplift that resulted in debris flow development and widespread turbiditic deposition. Detailed mapping of the central Reef property indicates that phyllite and argillite appear in the core of a ESE-plunging syncline and are younger than the surrounding coarser material and suggests that during deposition of units 3 and 4, background sedimentation occurred in an off-shelf, continental rise environment, with periodic high sediment influx,

possibly due to shelf collapse, that resulted in debris flow deposits and the abundant conglomerates (Appendix B.5). However, this sequence poses a problem. The green – maroon argillite of unit 1 appears to be similar to rock assigned to the Narchilla Formation and the phyllite and conglomerate units are similar to rocks ascribed to the Yusezyu Formation (Hart and Lewis, 2006). The Narchilla Formation is suggested to be younger than, and stratigraphically below the Yusezyu Formation (Fig. 3). The traverses walked in this study show very little bedding orientation variation and no evidence of a large-scale thrust between the argillaceous unit 1, the calcareous unit 2, and the phyllitic unit 3. In addition, limestone, shale, and phyllite clasts in debris flows of unit 4 confirm that deposition of the conglomerate was the latest phase of deposition. As such, it is suggested here that while similar in appearance, the argillaceous unit present towards the east of the map area should not be assigned to the Narchilla Formation, but should be regarded as an earlier high sea level phase in deposition of the Yusezyu Formation.

## 3. Structure

The field area has experienced a protracted deformation history that progressed from high-level thrusting into what is thought to have been a brittle-ductile to brittle, transtensional regime of faulting and associated folding. The following section shall briefly summarize the styles of deformation in the region and give a detailed analysis of the fault mechanics observed.

### 3.1 Deformation styles and history

Overall the structure and stratigraphic distribution indicates that the region is part of a faulted, south east plunging homoclinal system. Post-deposition and prior to homocline development the region experienced at least one deformation fabric-forming event, though two fabrics are recorded in the area. Distinction between these fabrics ($S_1$ and $S_2$) can be

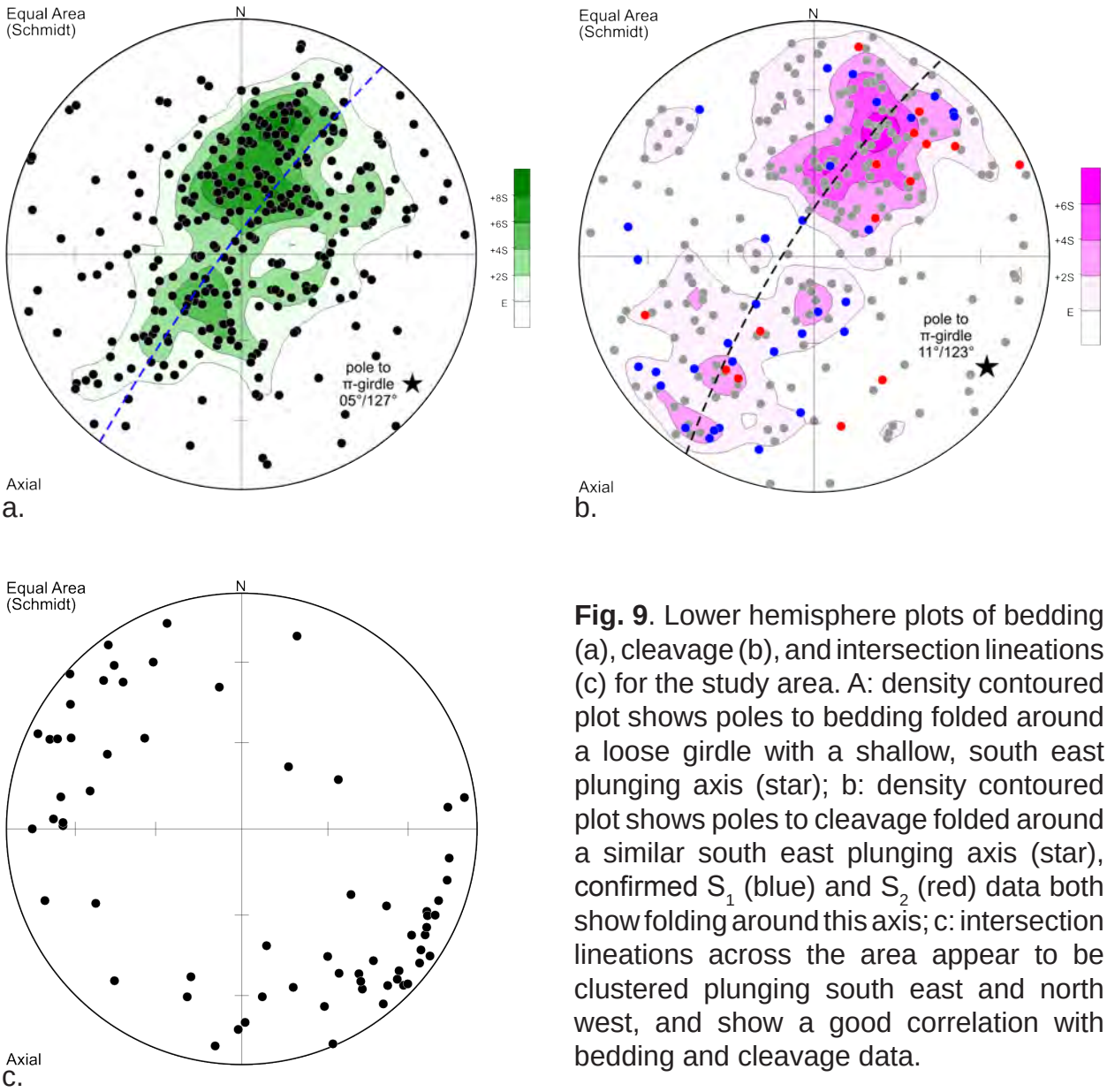



**Fig. 9**. Lower hemisphere plots of bedding (a), cleavage (b), and intersection lineations (c) for the study area. A: density contoured plot shows poles to bedding folded around a loose girdle with a shallow, south east plunging axis (star); b: density contoured plot shows poles to cleavage folded around a similar south east plunging axis (star), confirmed $S_1$ (blue) and $S_2$ (red) data both show folding around this axis; c: intersection lineations across the area appear to be clustered plunging south east and north west, and show a good correlation with bedding and cleavage data.

problematic with only one fabric preserved in the rocks, however, in areas where both can be identified plotting of this data on to lower hemisphere plots shows that both are folded around a south east-plunging, similar to that seen for region wide bedding (Fig. 9).

$S_1$ is a closely spaced, slatey cleavage associated with sporadic isoclinal folds and regional thrust faults. Thrust faults in the area are inferred from stratigraphic repetition (particularly the unit 2 calcareous rocks), and reasonably abundant evidence of bedding-parallel slip (slickenside development in phylitic rocks) that suggests top to the N – NE. In

addition, a thrust fault was recorded at UTM 522781 mE, 6864860 mN in the Reef property. Slickensides on this structure indicate thrusting towards the NW. This measured surface hosted sulphide mineralization (pyrite, arsenopyrite, limonite and goethite) however, it is thought that mineralisation along this structure occurred post-thrusting and likely during later strike-slip fault development with relaxation and dilation of the surface.

Isoclinal folding is highly sporadic and while it is relatively common to see small- to very small-scale isoclinal folds in finer-grained sedimentary rocks, larger structures are rare (Fig. 10). Examples of larger structures within coarser-grained rocks can be seen at UTM 517193 mE, 6865823 mN (Hy); 523742 mE, 6867100 mN (Jay); and 528759 mE, 6861052 mN (Bloom). The latter of these structures is a rootless, isoclinal fault-bend fold with its lower limb truncated against a normal fault of orientation 24°/065° (Fig. 11). Typically the $S_1$ foliation appears to be sub-axial planar to the isoclinal folds. The scarcity of large-scale folds, the evidence for bedding-parallel slip, and the fact that bedding is

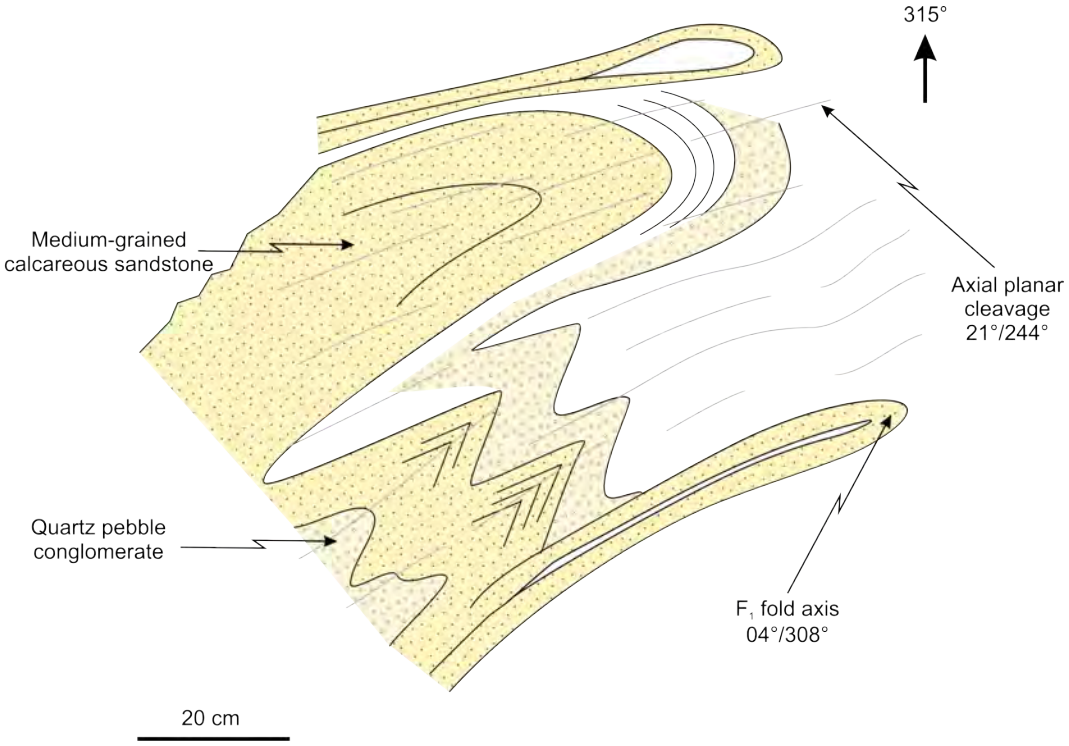



**Fig. 10**. Sketch of isoclinally folded ($F_1$) medium-grained calcareous sandstone and quartz-pebble conglomerate, off-claim, north of the study area. UTM 520620 mE, 6872077 mN.

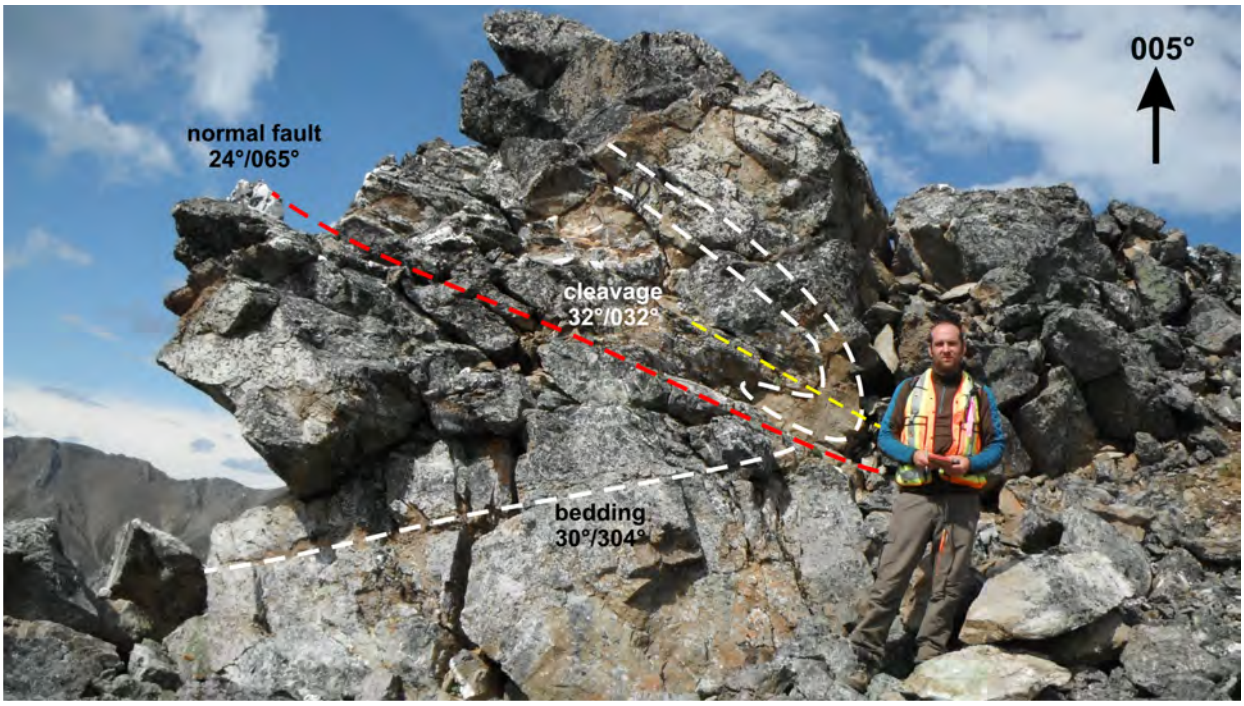



**FIg. 11**. Photograph of truncated, fault-bend isoclinal fold in coarse-grained sandstone and quartz-pebble conglomerate in the Bloom property. UTM 528759 mE, 6861052 mN.

almost exclusively recorded as being the right way-up across the region suggests that thrust faulting, and not folding was responsible for early lithological distribution and $S_1$ fabric development. The uniform low-grade metamorphism across the district indicates that this episode of thrusting took place at a high crustal level.

The $S_2$ fabric is a slatey to spaced cleavage that generally intersects bedding at a higher angle than $S_1$ and is likely the most abundant deformation fabric observed in the area. The $S_2$ fabric typically strikes sub-parallel to the regional homocline axis, but also shows evidence of folding around this axis. At UTM 526890 mE, 6864049 mN a fabric is seen to deflect around a SE-plunging fold, however also forms a crenulation around the hinge and as such has been assigned to $S_2$ (Fig. 12). The $S_2$ foliation is commonly observed to be axial planar to typically open, M-shaped, or asymmetric and south-verging folds. However, sporadic north-verging folds are associated with this fabric. Intersection lineations between $S_2$ and bedding ($S_0$) generally plunge shallowly south east and north

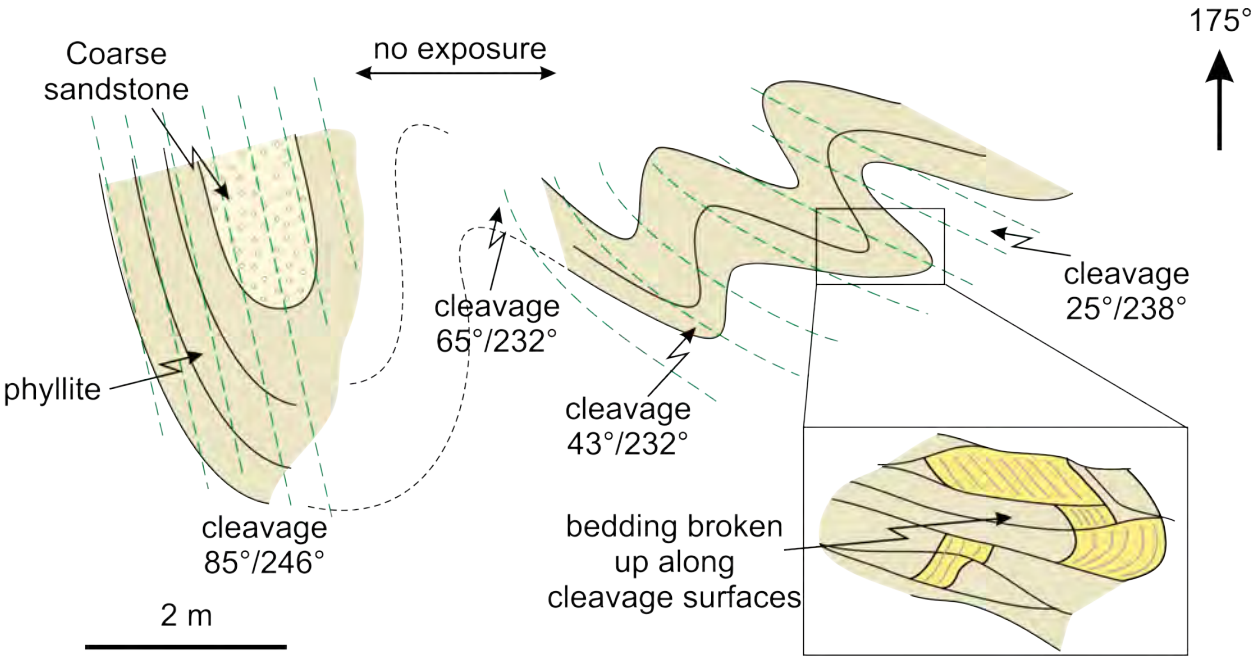



**Fig. 12**. Sketch of open to tight, asymmetric, $F_2$ folds in coarse-grained sadstone and phyllite in the Bloom property. $S_2$, axial planar foliation deflects around a SE-plunging axis and develops a crenulation around fold hinges. UTM 526890 mE, 6864049 mN.

west, and overall are correlative with the SE-plunging homocline.

The rotation of the $S_2$ fabric around the regional fold hinge trend suggests pre-homocline development, however, the overall similarity of $S_{0\text{-}2}$ intersection lineations and $S_2$ strike with the homocline suggests coeval growth. As such, it is thought that the $S_2$ fabric and associated folds represent the earliest phase of regional transpression and associated fault and fold development. The $S_2$ fabric is dominantly associated with S-verging folds, though the presence of sporadic N-verging folds leads to the possibility of rare, local, back-thrusts in the region. Abundant jointing is observable across the region and may be related to late-stage homocline evolution, however a dedicated study of fracture orientation would be required to determine this.

Post-early thrust faults in the region are typically moderate- to steeply-dipping, and

vary in strike. A more detailed description of the fault mechanics is below, however, the overall geometry of the faults, their sense of movement, and the overall structure of the region, indicates that $S_2$ fabric development, open SE-plunging, S-verging folding, and strike-slip fault propagation were kinematically and temporally coeval.

### 3.2 Fault mechanics

Late-stage faults in the region are locally abundant, strike between NE and NW, and are steep- to moderate-dipping. Strike lengths vary dramatically throughout the area with minor, subsidiary faults having strike-lengths on the order of metres to 10s of metres, while structures may be several kilometres long. Likewise, fault-throw varies as a function of fault length; subsidiary structures typically have throws of a few centimetres to metres, while major structures can show displacement of several hundred metres. As such, the larger structures offset and truncate earlier thrust faults, control the distribution of the post-thrusting stratigraphy, and commonly show protracted movement histories with multiple slip events occurring along different slip vectors.

While strike-slip and dip-slip faults are apparent across the region, zones of abundant displacement were identified dominantly within the central area of the Reef and Hy properties where multiple small to large faults are common. Thus, much of the analysis for the fault mechanics of the region is concentrated in these two areas (Appendix B.6; B.6). Analysis of fault data was done using Pangaea Scientific's Spheristat and MyFault software. Slip vectors and stress axes were calculated in these software packages by inputting fault orientation data and their associated slickenside measurements, and the sense of slip on the faults. A quality factor of 0-4 was entered depending on the confidence placed in the measurement, and the data was weighted by fault length.

### *3.2.1 Regional fault mechanics*

For the system as a whole the horizontal stresses are calculated to be extensional with a maximum horizontal stress oriented NE-SW. In terms of principal compressive stress directions σ1 is calculated to be steeply plunging at around 80°/090° and $\sigma^3$ is oriented at approximately 10°/290°. While this appears to indicate that the overall stress regime in the region was extensional, mapping of the region suggests that several of the larger, particularly N-S-trending faults are dominantly strike-slip. As such the steeply inclined $\sigma^1$ direction may indicate a bias towards measurement of the abundant, smaller, subsidiary, dip-slip, accommodation faults. Analysed together, the mapping and principal stress axes suggest that during late-stage fault propagation the region was situated within a transtensional stress regime (Fig. 13). XY scatter-plots of fault strike vs slip trend and fault dip azimuth vs slip trend for the late-stage faults produce highly linear trends, and when analysed together indicate that all faults measured were part of the same stress-system and that local, 1st order, N-S trending, E-W dipping faults have typically shallow

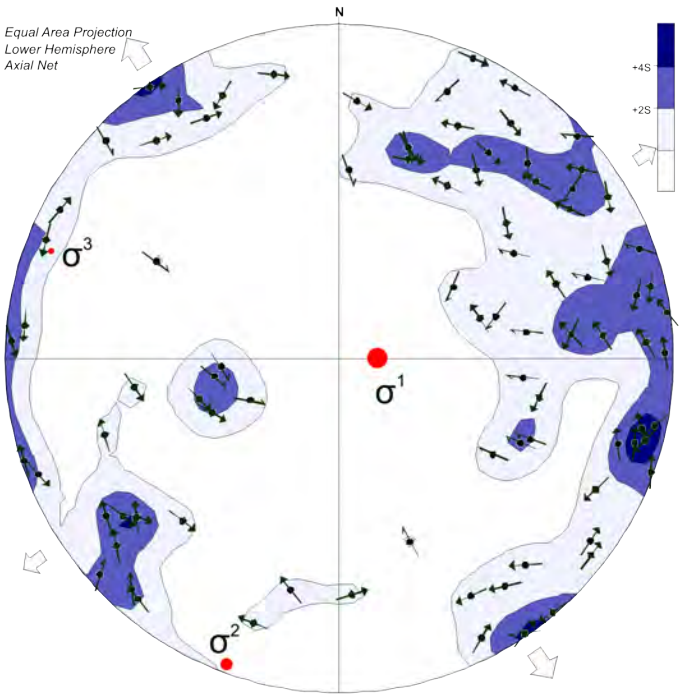



**Fig. 13**. Density contoured, lower hemispehere plot of all faults measured in the study area. Principal stress directions (red) are calculated to represent an extensional regime. Horizontal stress directions for the system (open arrows) and slip-linears for each fault are also displayed (green arrows).

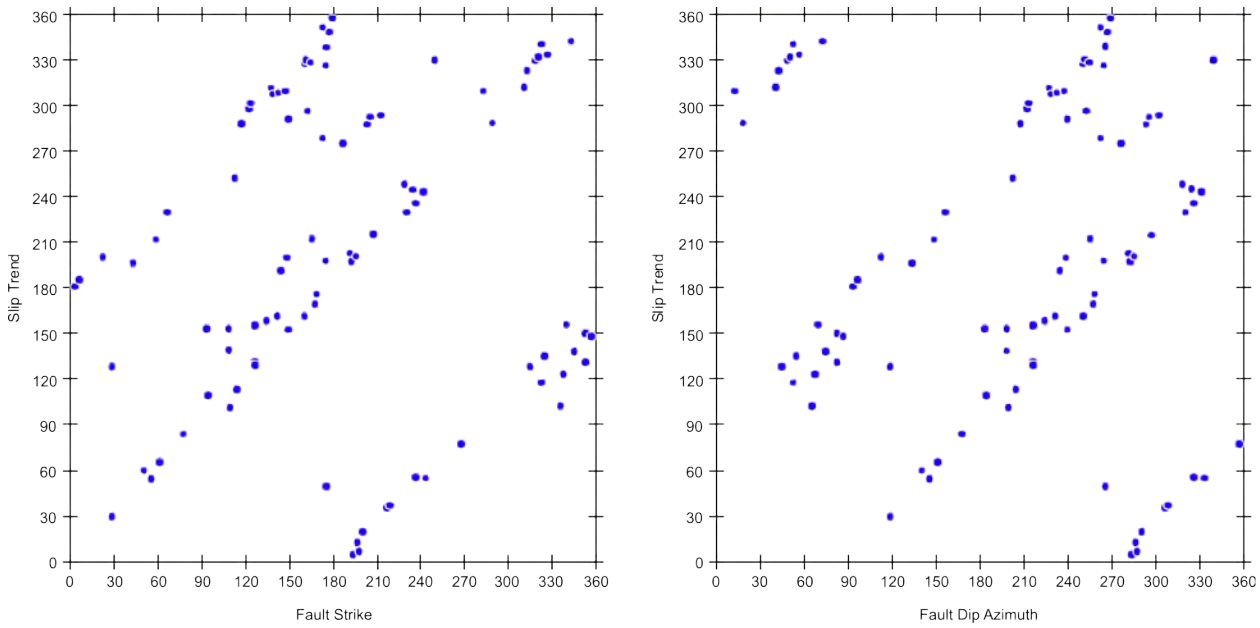



**Fig. 14**. XY scatter plots of (a) fault strike vs. slip trend and; (b) fault-dip azimuth vs. slip trend for all faults in the study area show highly linear trends.

slip-vectors and are dominantly strike-slip, whereas 2nd and 3rd order faults have a rotated strike, and have more steeply inclined slip-vectors (Fig. 14). This suggests that the 2nd and 3rd order structures are most likely to have experienced fault dilation, focussed fluid-flow and possible sulphide precipitation.

### *3.2.2 Reef-Jay fault mechanics*

In the central area of the Reef property, thick packages of coarse-grained sandstone and quartz-pebble conglomerate are heavily faulted and fractured by late-stage faults. Faults show a complex geometry and commonly cryptic relative timing relationships (Appendix B.5). Oxidation, limonite, and goethite mineralisation is common in this area. When the fault geometry is overlain with soil geochemistry data compiled by Westmin Resources in the mid 1990s there appears to be a correlation between anomalous Au and As occurrences and the larger, through-going structures. The stress pattern for the Reef

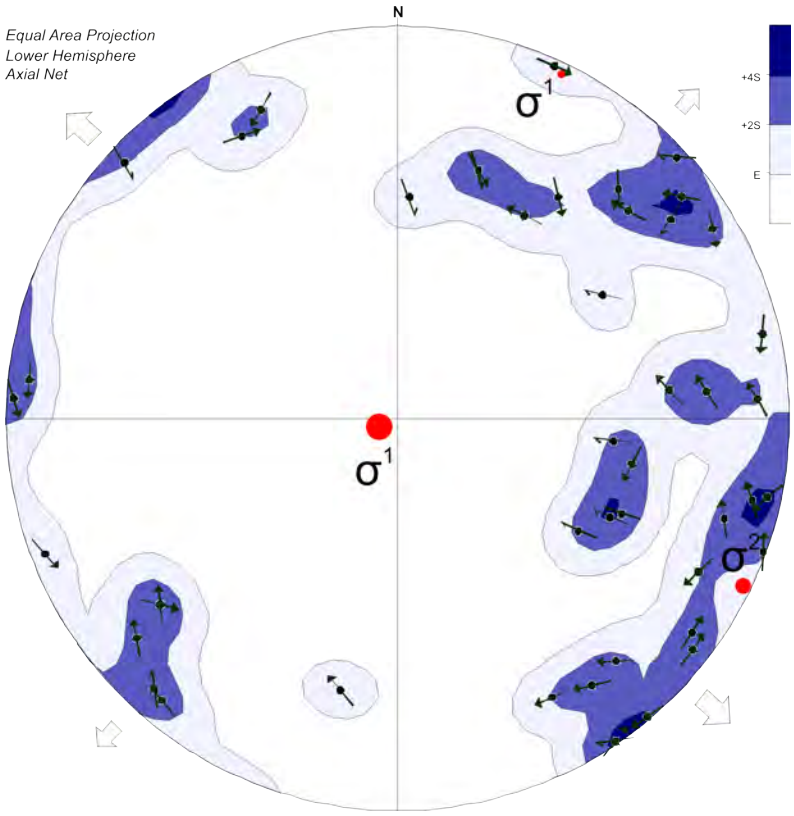



**Fig. 15**. Density contoured, lower hemispehere plot of faults measured in the Reef - Jay propertites. Principal stress directions (red) are calculated to represent an extensional regime. Horizontal stress directions for the system (open arrows) and slip-linears for each fault are also displayed (green arrows).

and Jay properties appears to be similar to that shown for the regional stress pattern, with the same extensional horizontal stresses calculated, and a steeply inclined maximum principal stress. However, the σ3, minimum principal stress has rotated about 90° to plunge shallowly NE (Fig. 15).

### *3.2.3 Hy fault mechanics*

In the Hy claim, abundant high-angle, NW-striking faults are recorded and inferred in the central area of the claim block (Fig. 16; Appendix B.6) and along an E-W-trending ridge towards the north of the property. The calculated maximum horizontal stress, while showing the same orientation as the regional and Reef-Jay trends, here appears to be contractional. The principal stress axes are significantly different to those seen for the regional trend with $\sigma^1$ inclined at an angle of 38°/154°, $\sigma^2$ at 50°/355°, and $\sigma^3$ shallowly

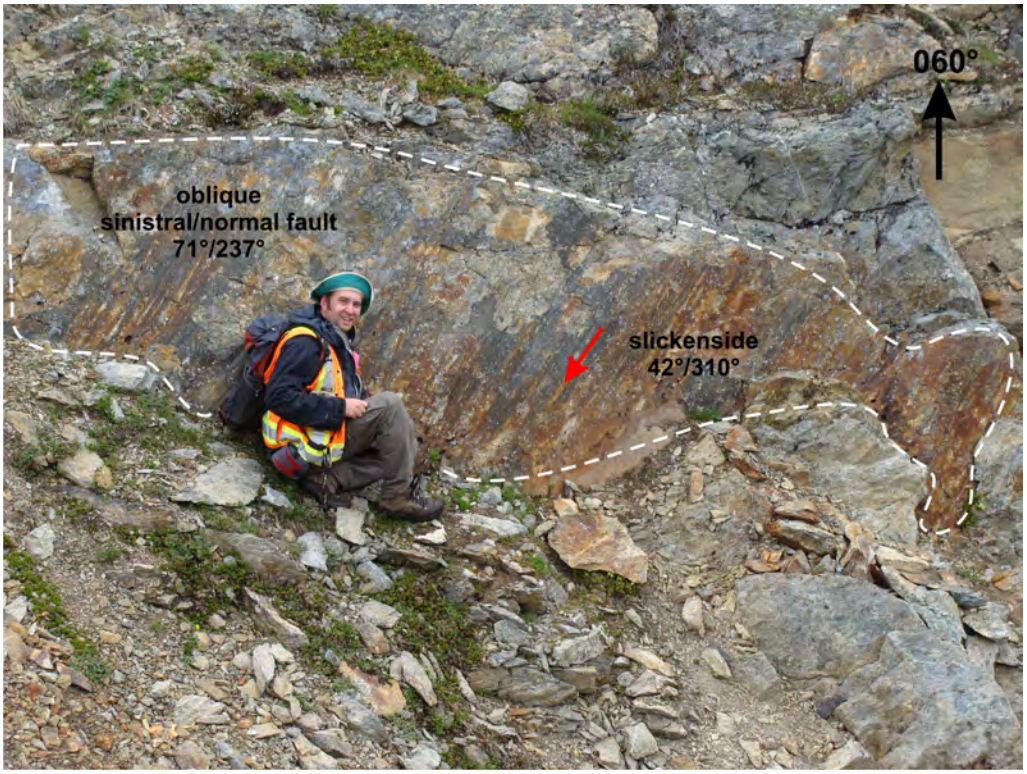



**Fig. 16**. Photograph of a fault with highly polished slickensides in the Hy property. UTM 516830 mE, 6866445 mN.

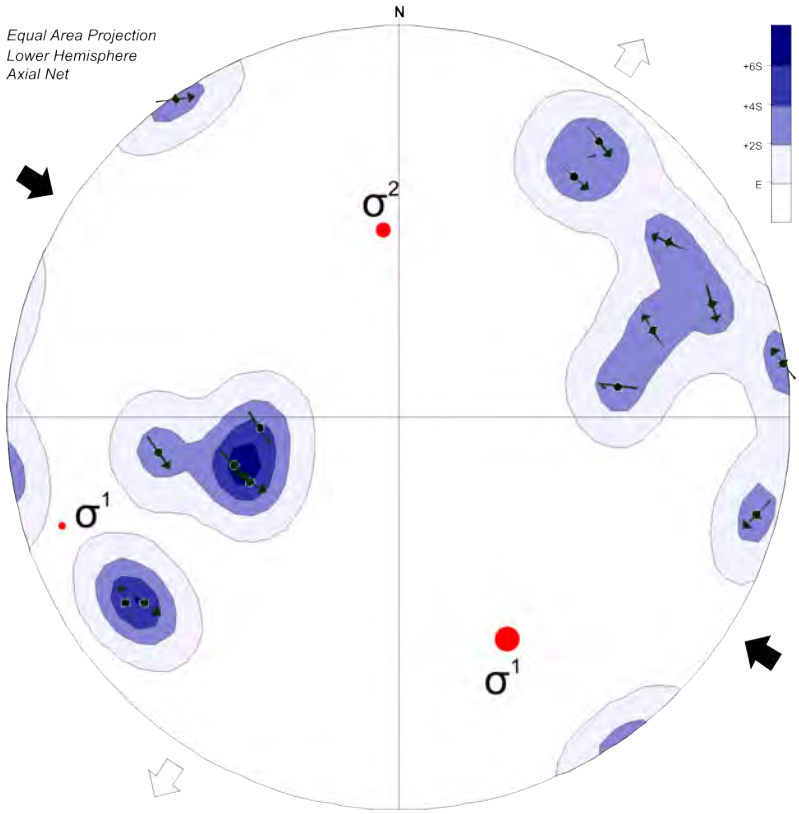



**Fig. 17**. Density contoured, lower hemispehere plot of faults measured in the Hy property. Principal stress directions (red) and horizontal stress directions for the system (open & closed arrows) possibly represent a contractional regime. Slip-linears for each fault are also displayed (green arrows).

plunging at 11°/252° (Fig. 17). The apparent contractional nature of the area suggests that the Hy property may be in a local region of transpression, and as such this may hinder fluid-flow and sulphide precipitation. However, a significant sulphide showing has been recorded at approximately UTM 516830 mE, 6866445 mN along a NE-trending fault through the central area of the property and may indicate the possibility of dilation along similar oriented structures.

### *3.2.4 Bloom & VF fault mechanics*

Elsewhere in the region, fault development in the Bloom property is rare, however, malachite and chalcopyrite mineralisation has been identified along a N-S-trending shear zone at UTM 527127 mE, 6864094 mN. The reason for mineral precipitation at this locality is thought to be due to the shear zone occurring at, or very near to the interface between the calcareous rocks of unit 2 and phyllitic rocks of unit 3. A compositional and mechanical contrast between the two lithologies may have promoted fault propagation and fluid-flow. Similar mineralisation is seen in a fractured zone within phyllite and sandstone at UTM 526724 mE, 6861815 mN.

Data for the VF property is sparse and no, large, fault systems were directly recorded, however, P-R fracture patterns were observed at UTM 543166 mE, 6839243 mN. A tentative stress analysis shows extensional horizontal stresses and inclinded principal stresses with $\sigma^1$ oriented at 55°/016°, $\sigma^2$ at 32°/220°, and $\sigma^3$ at 11°/122°.

### *3.2.5 Discussion*

As mentioned above, the overall stress regime for the region appears to be transtensional. There is, however, an apparent change between overall extension and

contraction, E-W between the Reef and Hy properties. A large, linear, drainage freature, locally named Zigzag Creek separates these two properties and is thought likely to host a large, N-S-trending fault. It is possible that this structure played an important role in distributing and partitioning stress with transtension occurring to the east and transpression to the west. Aeromagnetic data acquired by Bearing Resources suggests that the Zigzag Creek structure and a similar, N-S-trending feature between the Jay and Bloom properties show right-lateral movement. It is thought that these large, through-going structures may themselves be 2nd order, linking structures between the regionally extensive, NW-SE-trending March Fault to the NE, and a possible, similar, regional-scale structure that may follow the path of the Hyland River to the SE.

## 4. Summary

- The region occupies the eastern extent of the Selwyn Basin and Selwyn Fold Belt and is underlain by rocks of the Neoproterozoic to Lower Cambrian Hyland Group (Hart and Lewis, 2006; Harris, 2000; Jones, 2000; Gale, 1997). The region is thought to host only rocks of the weakly metamorphosed Yusezyu Formation.

- Rocks in the area have been separated out into four units. Unit 1 is typically comprised of maroon – green argillite; unit 2 is a calcareous sequence of sandstone and limestone; unit 3 is typically composed of fine-grained sandstone and phyllite; and unit 4 is dominated by coarse-grained sandstone and quartz-pebble conglomerate.

- Rocks in the region exhibit evidence of a conformable sequence of deposition into a basin, and show two cycles of sea level regression and transgression. Deep water deposition of unit 1 argillite was followed by a shallowing trend that is associated with the calcareous deposition of unit 2. This was followed by a brief sea level rise to accommodate

deposition of the unit 3 fine-grained sandstone and phyllite prior to a rapid regression, debris flow development and widespread turbiditic deposition. The argillaceous unit 1 should not be assigned to the Narchilla Formation, but should be regarded as an earlier high sea level phase in deposition of the Yusezyu Formation.

- The field area experienced a protracted deformation history that progressed from high-level thrusting into a brittle-ductile to brittle, transtensional regime of faulting and associated folding.

- The structure and stratigraphic distribution indicates that the region is part of a faulted, south east plunging homocline system. Prior to homocline growth, the region experienced a regime of E – NE directed trusting with associated $S_1$ fabric development and minor isoclinal folding.

- $S_2$ fabric development and associated SE-verging, open folding occurred during the early stages of homocline growth, and was subsequently displaced by regionally widespread, N-S-striking dextral strike-slip faults and subsidiary structures. Mineralisation likely occurred coevally with or shortly after the brittle deformation event.

- Abundant displacement zones were identified within the central area of the Reef and Hy properties. An apparent change between overall extension and contraction, E-W occurs between the Reef and Hy properties. This may be due to a large linear structure between the two properties that may control stress distribution.

- XY scatter-plots of fault strike vs slip trend and fault dip azimuth vs slip trend for the late-stage faults produce highly linear trends, and suggest that local, 1st order, N-S trending, E-W dipping faults have typically shallow slip-vectors and are dominantly

strike-slip. 2nd and 3rd order faults have more steeply inclined slip-vectors and suggests that the 2nd and 3rd order structures are most likely to have experienced fault dilation, focussed fluid-flow and possible sulphide precipitation.

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# Appendices

## Appendix A

## Statement of Qualifications

I, Simon D. Craggs, of the Town of Maidenhead, in the County of Berkshire, United Kingdom, hereby certify that:

1. THAT I graduated with a B.Sc. (Hons) in Geological Sciences from the University of Leeds, West Yorkshire, UK in 2004 and with a M.Sc. in Structural Geology from the University of New Brunswick, Fredericton, New Brunswick, Canada in 2008

2. THAT I have practised geology in Canada from 2004 to 2011

3. THAT I am a member of the Prospectors and Developers Association of Canada.

4. THAT this report is based on property work I personally performed and supervised between July 6 and July 22, 2011.

5. THAT I have no direct interest in the property described herein, nor do I expect to receive any interest.

DATED at Fredericton, New Brunswick this 30th day of September 2011



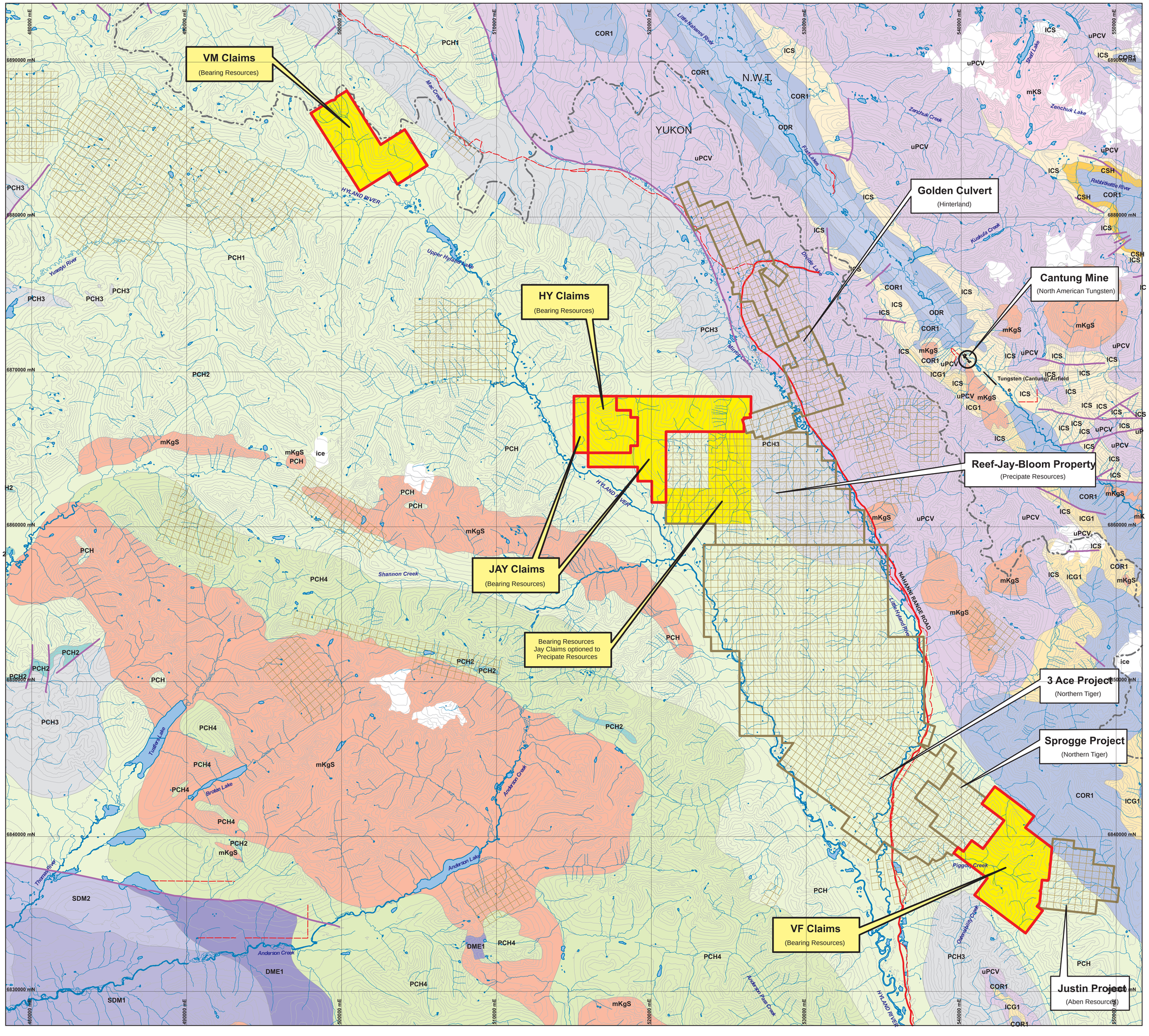
Simon Craggs

Structural geology consultant

# Appendix B

Maps

# Appendix B.1 - 1:100,000 scale simplified regional geological map of the upper Hyland River Area, showing the VF, Hy, Jay, Vm (Bearing), Reef, and Bloom Claims (Precipate).




**BASE LEGEND**

- Topographic contours (contour interval = 100m)
- Creek / River
- Lake / Pond
- Road
- Trail / cut line
- Bearing Resources Claims
- Other Companies Claims (as at June 27, 2011)

Base from Government 1:50,000 Topography

Projection : UTM
Datum : NAD83 Zone 9

**GEOLOGY LEGEND**

MID CRETACEOUS
- mKgS — Intrusives

ORDOVICIAN to DEVONIAN
Road River Group
- ODR — Clastics, chert, limestone
- COR1 — Clastics, chert, limestone

LOWER CAMBRIAN
- ICS — Clastics, limestone
- ICG1 — Clastics

UPPER PROTEROZOIC to LOWER CAMBRIAN
- uPCV — Clastics

Hyland Group
- PCH — Undivided sediments
- PCH1 — Clastics, limestone
- PCH2 — Limestone
- PCH3 — Slate
- PCH4 — Clastics, limestone

- Geological contact
- Fault

0 — 10 km

***Bearing Resources Ltd.***

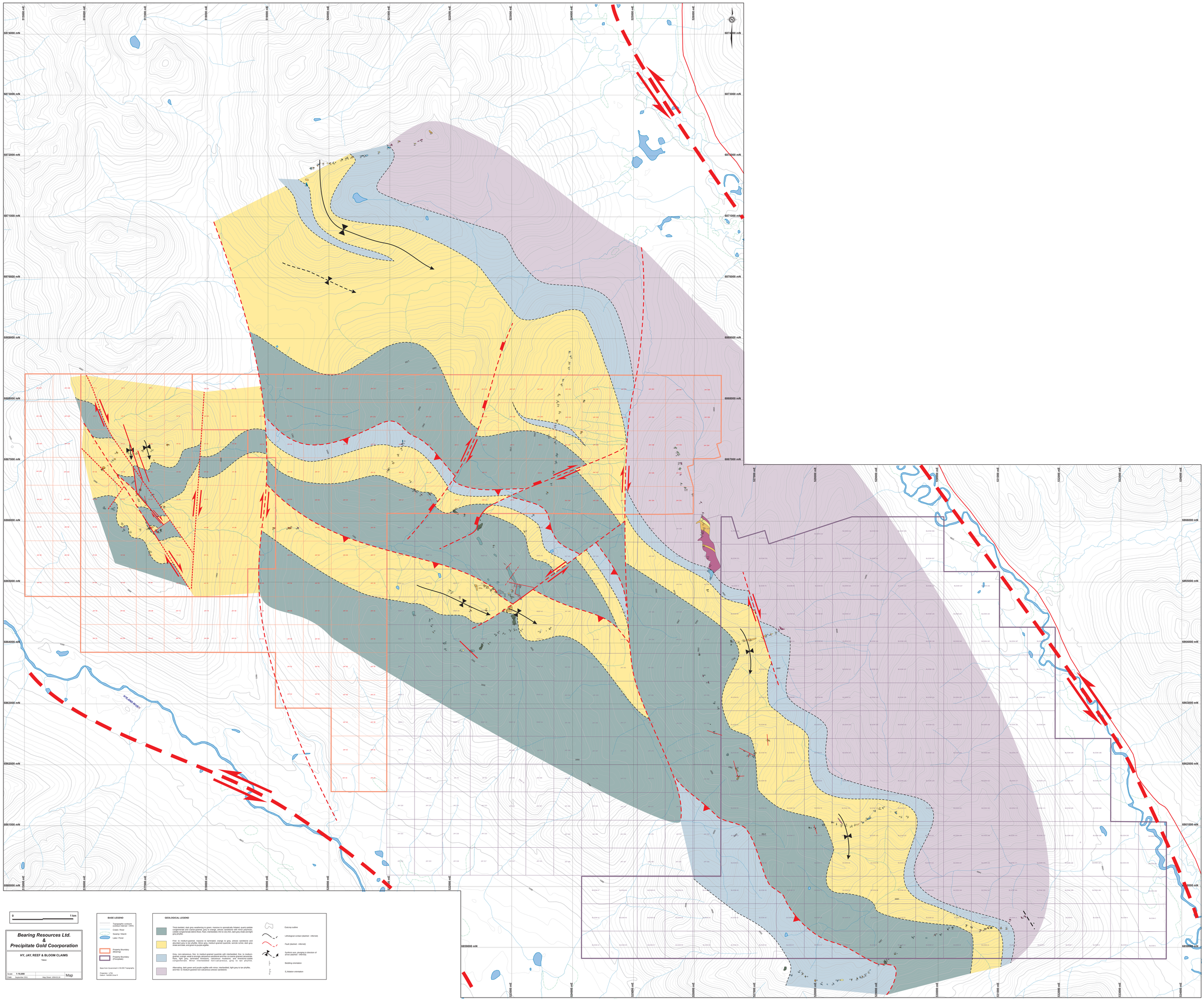
**VM, VF, HY & JAY CLAIMS**
Yukon

**OVERVIEW**

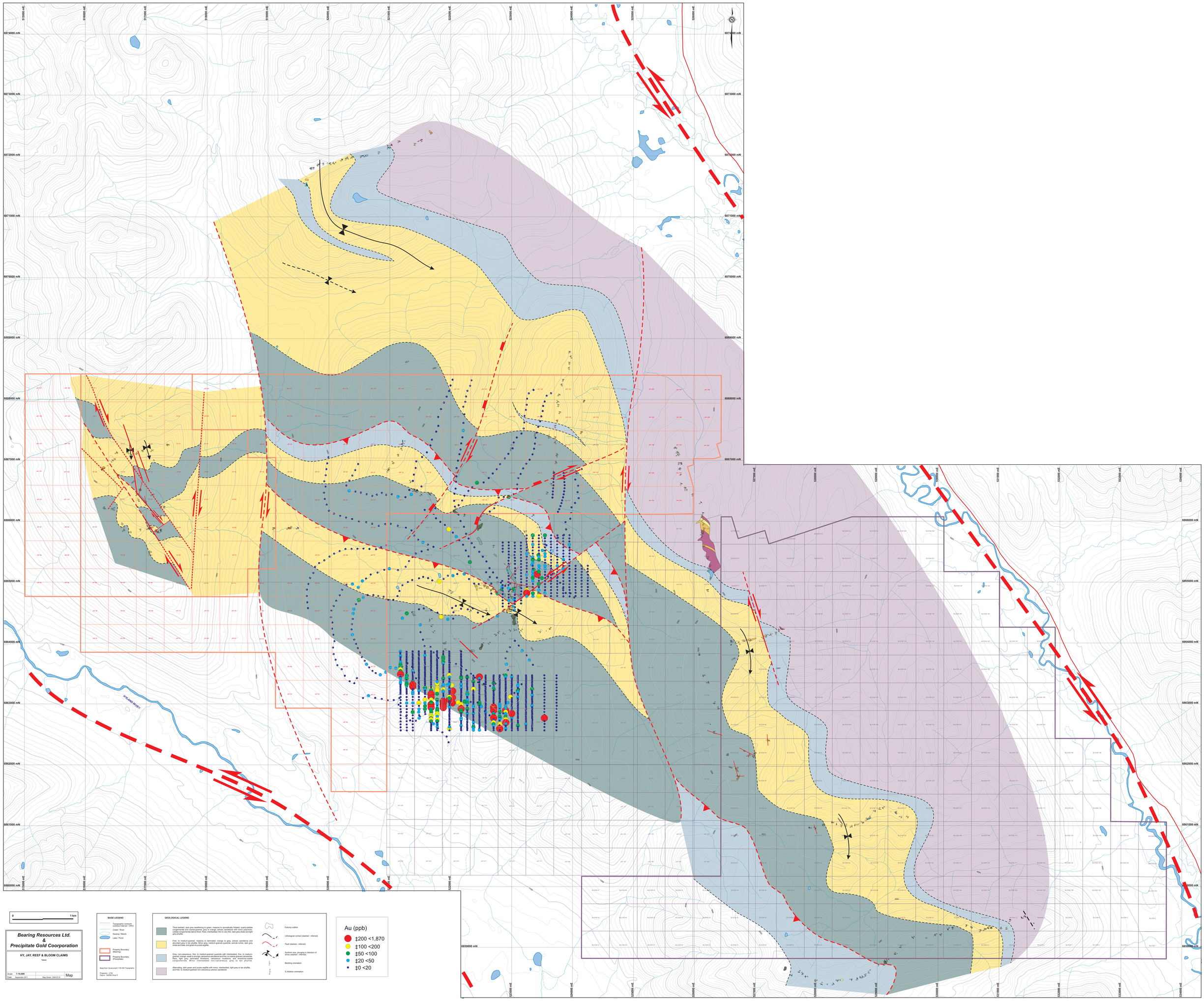
Scale: 1:100,000
Date: July 2011
Map Sheet: 105H & I

Map

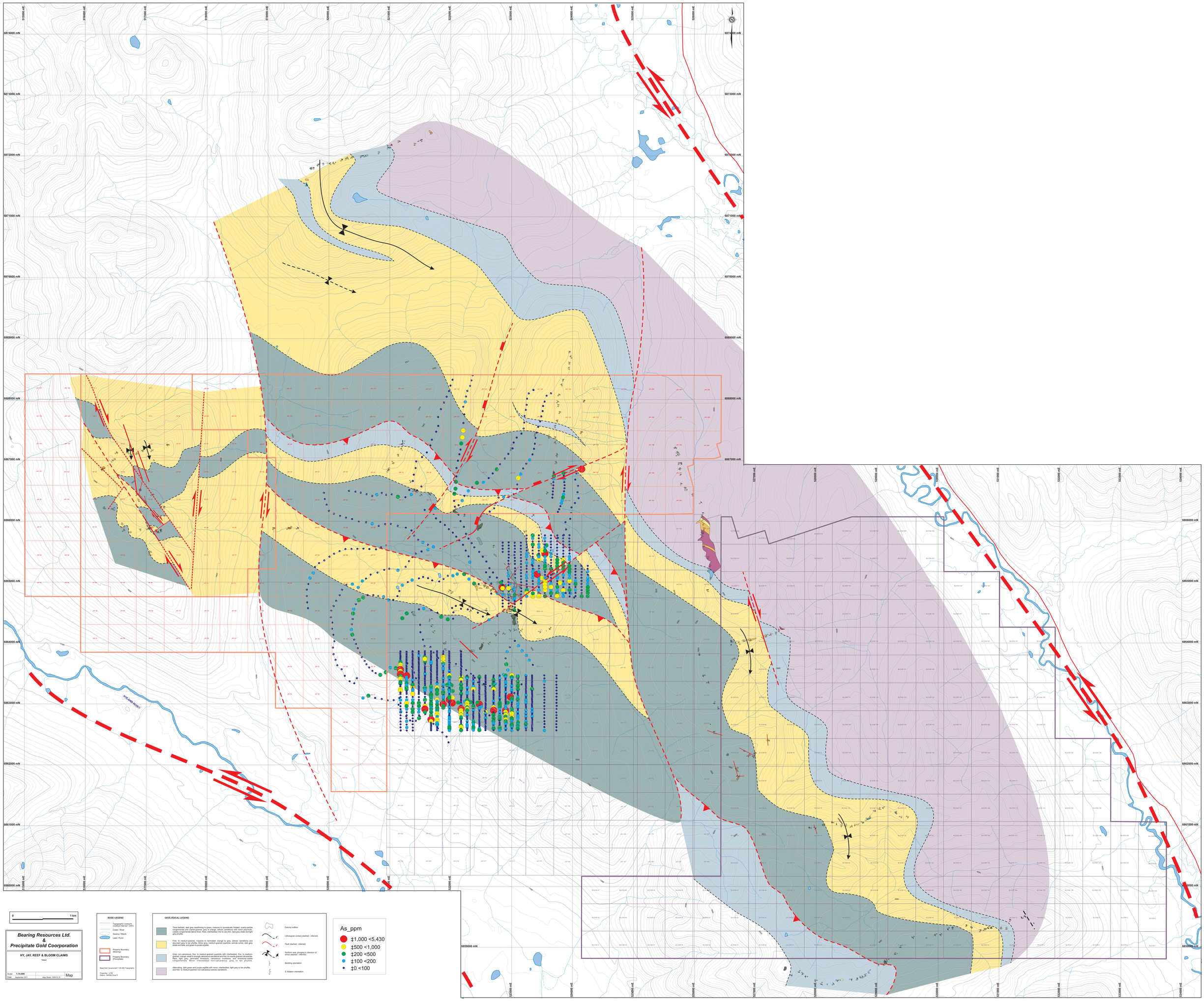
**Appendix B.2 - 1:10, 000 scale simplified regional geological map of the Hy, Jay, (Bearing), Reef, and Bloom Claims (Precipitate).**



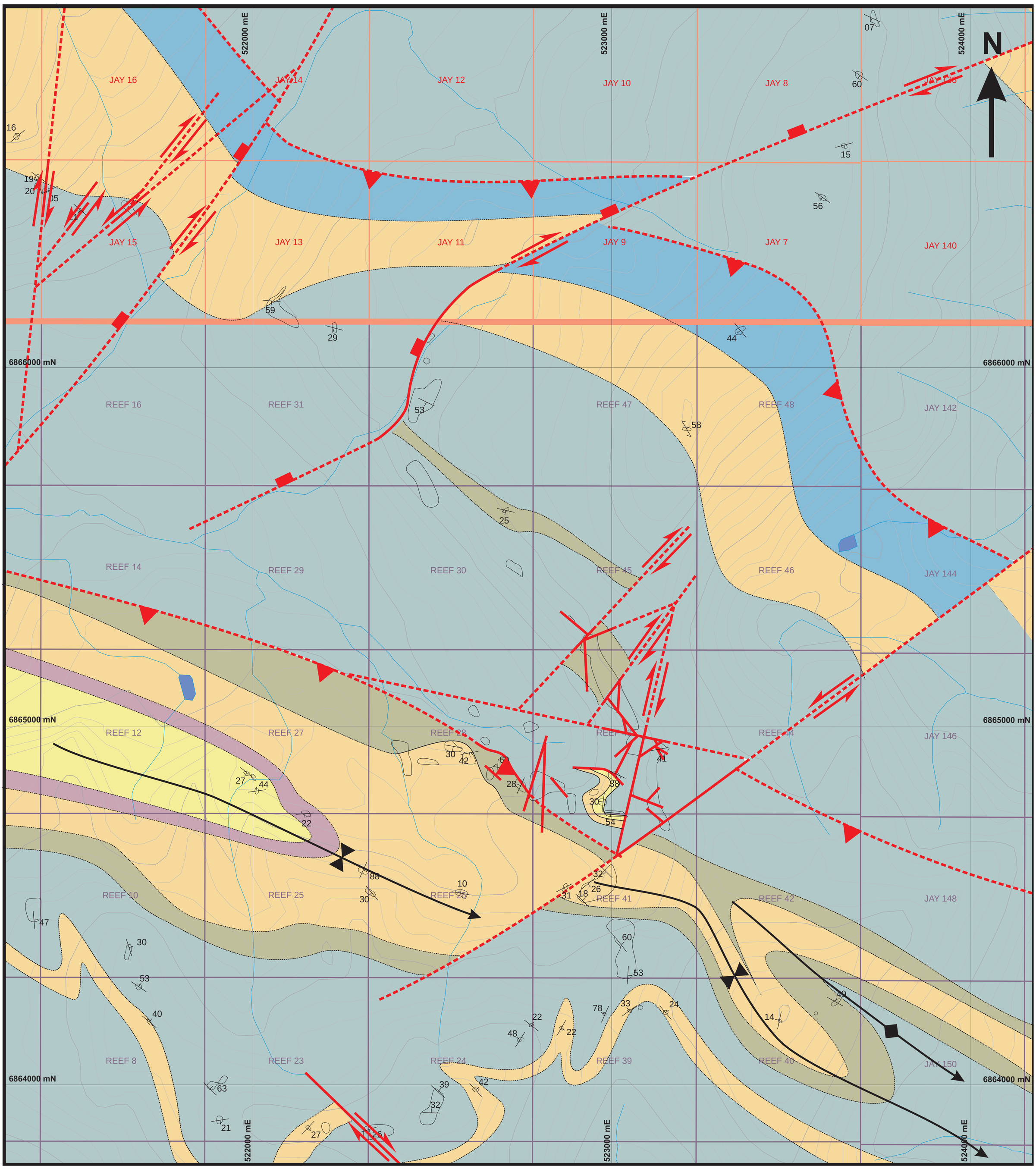
**Appendix B.3 - 1:10, 000 scale simplified regional geological map of the Hy, Jay, (Bearing), Reef, and Bloom Claims (Precipitate) showing Au soil geochemistry anomalies.**



**Appendix B.4 - 1:10, 000 scale simplified regional geological map of the Hy, Jay, (Bearing), Reef, and Bloom Claims (Precipitate) showing As soil geochemistry anomalies.**



## Appendix B.5 - 1:5000 simplified geological map of the central Reef property.




0 500 m

**Bearing Resources Ltd.**
**&**
**Precipitate Gold Coorporation**

**CENTRAL REEF CLAIM**

Yukon

| | | |
|---|---|---|
| Scale: 1:5,000 | | Map |
| Date: September 2011 | Map Sheet: 105H15,16 | |

**BASE LEGEND**

- Topographic contours (contour interval = 20m)
- Creek / River
- Lake / Pond
- Property Boundary (Bearing)
- Property Boundary (Precipitate)

Base from Government 1:50,000 Topography

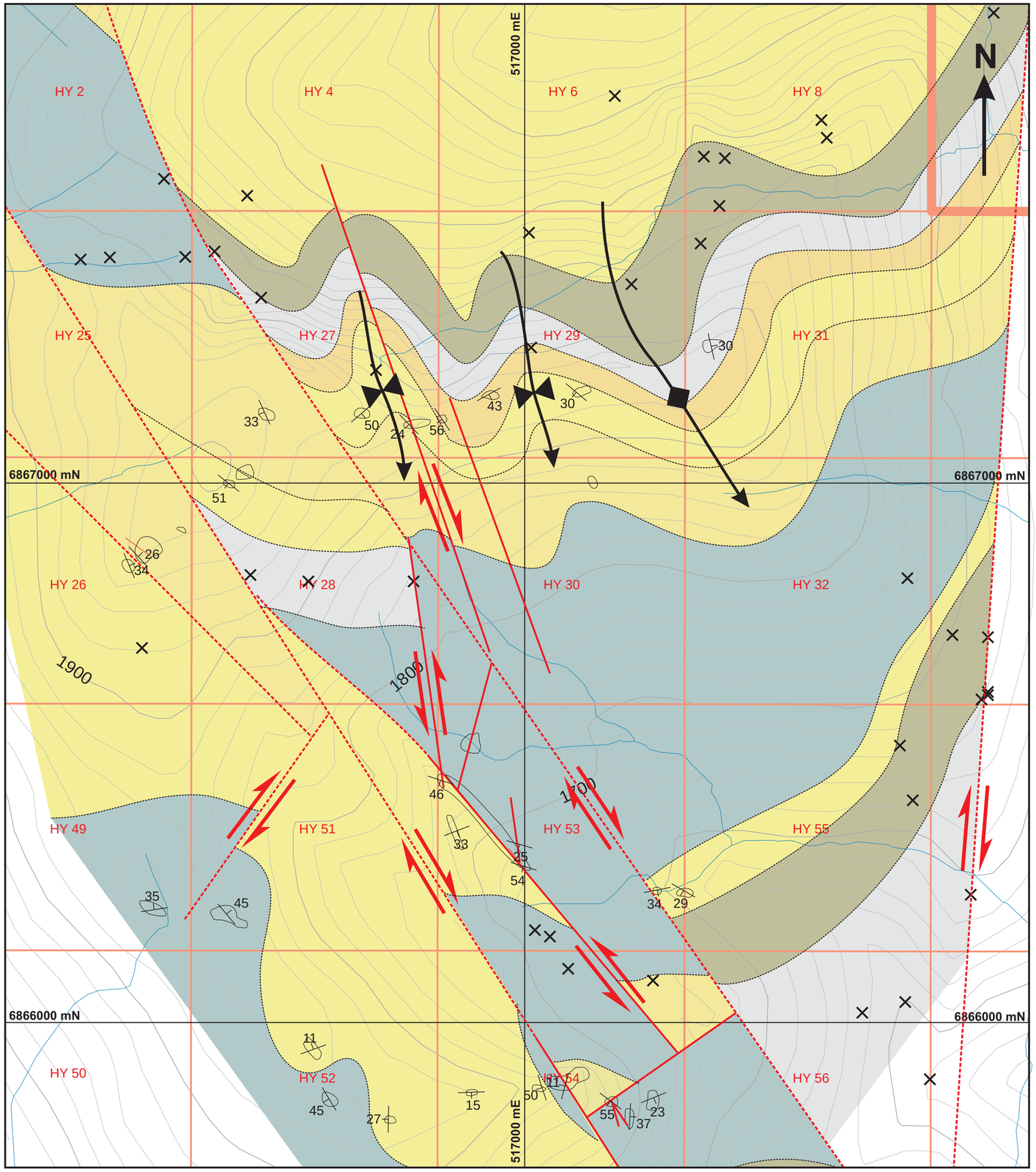
Projection : UTM
Datum : NAD83 Zone 9

**GEOLOGICAL LEGEND**

- Thick-bedded, dark grey weathering to green, massive to sporadically foliated, quartz-pebble conglomerate and minor coarse-grained, grey to orange, arkosic sandstone. Minor polymictic, cobble-conglomerate debris flows. Rare, interbedded, thin to very thin dark grey shale and light grey phyllite.
- Medium- to coarse-grained, massive to laminated, orange to grey, arkosic sandstone and minor interbedded grey to tan phyllite.
- Fine- to medium-grained, massive to laminated, orange to grey, arkosic sandstone and minor interbedded grey to tan phyllite. Minor grey, medium-grained quartzite, sericite schist, dark grey shale and slate.
- Alternating, dark green and purple argillite with minor, interbedded, light grey to tan phyllite, and fine- to medium-grained non-calcareous arkosic sandstone.
- Grey to tan, laminated and sporadically cross-bedded phyllite with minor interbedded fine-grained sandstone.
- Grey, non-calcareous, fine- to medium-grained quartzite with interbedded, fine- to medium-grained, orange, weak to strongly calcareous sandstone and fine- to coarse-grained calcarenite. Rare, light grey, laminated limestone, calcareous mudstone, and limestone-cobble conglomerate. Minor interbedded non-calcareous, grey to tan phyllite.

- Outcrop outline
- Lithological contact (dashed - inferred)
- Fault (dashed - inferred)
- Synform axis, plunging in direction of arrow (dashed - inferred)
- Bedding orientation
- S, foliation orientation

# Appendix B.6 - 1:5000 scale simplified geological map of the Hy property.




0 500 m

**Bearing Resources Ltd.**
**&**
**Precipitate Gold Coorporation**

**HY CLAIMS**

Yukon

| | | |
|---|---|---|
| Scale: 1:5,000 | | Map |
| Date: October 2011 | Map Sheet: 105H15,16 | |

**BASE LEGEND**

- Topographic contours (contour interval = 20m)
- Creek / River
- Swamp / Marsh
- Lake / Pond
- Property Boundary (Bearing)

Base from Government 1:50,000 Topography

Projection : UTM
Datum : NAD83 Zone 9

**GEOLOGICAL LEGEND**

- Thick-bedded, dark grey weathering to green, massive to sporadically foliated, quartz-pebble conglomerate and minor coarse-grained, grey to orange, arkosic sandstone. Minor polymictic, cobble-conglomerate debris flows. Rare, interbedded, thin to very thin dark grey shale and light grey phyllite.
- Medium- to coarse-grained, massive to laminated, orange to grey, arkosic sandstone and minor interbedded grey to tan phyllite.
- Fine- to medium-grained, massive to laminated, orange to grey, arkosic sandstone and minor interbedded grey to tan phyllite. Minor grey, medium-grained quartzite, sericite schist, dark grey shale and slate.
- Interbedded fine-grained, laminated sandstone and interbedded grey to tan phyllite, with an approximate 1:1 ratio.
- Grey to tan, laminated and sporadically cross-bedded phyllite with minor interbedded fine-grained sandstone.
- Grey to dark grey, laminated and foliated shale and slate.

- Historic lithological data locality - float and/or grab sample (after Fox, 1998; Harris, 2000)
- Outcrop outline
- Lithological contact (dashed - inferred)
- Fault (dashed - inferred)
- Synform axis, plunging in direction of arrow (dashed - inferred)
- Bedding orientation
- $S_1$ foliation orientation

# Appendix C

Structural data

# Appendix C
## Structural data

| Claim | Easting | Northing | Structure | Dip | Azimuth | Notes |
|---|---|---|---|---|---|---|
| Bloom | 527193 | 6864128 | axial surface | 26 | 163 | |
| Hy | 517128 | 6867003 | axial surface | 44 | 305 | tight - isoclinal internal |
| Reef | 521712 | 6864177 | axial surface | 81 | 70 | |
| Reef | 522602 | 6864918 | axial surface | 48 | 163 | tight n-verging |
| Reef | 523140 | 6864722 | axial surface | 39 | 252 | |
| VF | 543264 | 6836666 | axial surface | 60 | 250 | small asym ne-verging |
| Bloom | 526077 | 6863810 | bed | 51 | 353 | |
| Bloom | 526145 | 6863466 | bed | 6 | 80 | |
| Bloom | 526225 | 6863350 | bed | 62 | 255 | |
| Bloom | 526319 | 6862541 | bed | 45 | 160 | |
| Bloom | 526319 | 6862541 | bed | 54 | 15 | |
| Bloom | 526319 | 6862541 | bed | 26 | 162 | |
| Bloom | 526324 | 6863310 | bed | 31 | 15 | |
| Bloom | 526396 | 6862925 | bed | 32 | 346 | |
| Bloom | 526545 | 6862168 | bed | 45 | 257 | |
| Bloom | 526602 | 6864026 | bed | 31 | 82 | |
| Bloom | 526682 | 6861943 | bed | 83 | 75 | |
| Bloom | 526682 | 6861943 | bed | 38 | 23 | |
| Bloom | 526723 | 6864004 | bed | 25 | 136 | |
| Bloom | 526724 | 6861815 | bed | 61 | 307 | |
| Bloom | 526808 | 6864039 | bed | 80 | 102 | |
| Bloom | 526919 | 6864052 | bed | 65 | 232 | |
| Bloom | 526965 | 6862131 | bed | 80 | 51 | |
| Bloom | 526989 | 6862180 | bed | 82 | 196 | |
| Bloom | 527127 | 6864094 | bed | 85 | 130 | |
| Bloom | 527127 | 6864094 | bed | 84 | 132 | |
| Bloom | 527160 | 6864104 | bed | 7 | 212 | |
| Bloom | 527160 | 6864104 | bed | 25 | 14 | |
| Bloom | 527184 | 6864112 | bed | 65 | 255 | contact |
| Bloom | 527190 | 6864129 | bed | 78 | 255 | |
| Bloom | 527193 | 6864128 | bed | 52 | 243 | |
| Bloom | 527200 | 6864134 | bed | 61 | 258 | |
| Bloom | 527205 | 6862405 | bed | 51 | 99 | |
| Bloom | 527248 | 6864139 | bed | 64 | 270 | |
| Bloom | 527290 | 6864145 | bed | 62 | 244 | |
| Bloom | 527333 | 6864169 | bed | 29 | 197 | |
| Bloom | 527416 | 6864235 | bed | 39 | 110 | |
| Bloom | 527594 | 6858537 | bed | 42 | 290 | |
| Bloom | 527713 | 6858595 | bed | 28 | 23 | |
| Bloom | 527767 | 6858563 | bed | 88 | 318 | |
| Bloom | 527767 | 6858563 | bed | 45 | 47 | |
| Bloom | 527767 | 6858563 | bed | 70 | 327 | |
| Bloom | 527824 | 6858519 | bed | 40 | 90 | |
| Bloom | 527824 | 6858519 | bed | 18 | 15 | |
| Bloom | 527887 | 6860970 | bed | 25 | 72 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 527977 | 6860962 | bed | 19 | 315 | |
| Bloom | 528104 | 6861012 | bed | 36 | 57 | |
| Bloom | 528127 | 6861001 | bed | 22 | 325 | |
| Bloom | 528262 | 6861053 | bed | 66 | 95 | syncline limb |
| Bloom | 528262 | 6861053 | bed | 71 | 48 | syncline limb |
| Bloom | 528274 | 6858402 | bed | 32 | 238 | |
| Bloom | 528335 | 6861025 | bed | 24 | 9 | |
| Bloom | 528348 | 6858456 | bed | 63 | 296 | |
| Bloom | 528410 | 6861003 | bed | 46 | 188 | |
| Bloom | 528486 | 6861001 | bed | 30 | 7 | |
| Bloom | 528498 | 6861030 | bed | 82 | 251 | |
| Bloom | 528504 | 6861015 | bed | 33 | 15 | |
| Bloom | 528573 | 6858468 | bed | 47 | 281 | |
| Bloom | 528578 | 6860988 | bed | 46 | 257 | |
| Bloom | 528633 | 6861012 | bed | 14 | 88 | |
| Bloom | 528672 | 6858486 | bed | 55 | 235 | |
| Bloom | 528724 | 6858508 | bed | 58 | 82 | |
| Bloom | 528724 | 6858508 | bed | 42 | 121 | |
| Bloom | 528758 | 6858521 | bed | 41 | 70 | |
| Bloom | 528759 | 6861052 | bed | 30 | 304 | |
| Bloom | 528804 | 6858535 | bed | 38 | 355 | |
| Bloom | 528829 | 6861105 | bed | 33 | 326 | |
| Bloom | 528858 | 6858583 | bed | 27 | 7 | |
| Bloom | 528884 | 6861130 | bed | 52 | 345 | |
| Bloom | 528955 | 6861237 | bed | 44 | 279 | |
| Bloom | 529018 | 6858715 | bed | 27 | 173 | |
| Bloom | 529093 | 6861290 | bed | 34 | 54 | |
| Bloom | 529112 | 6858711 | bed | 19 | 341 | |
| Bloom | 529294 | 6858893 | bed | 77 | 34 | |
| Bloom | 529300 | 6861214 | bed | 40 | 49 | |
| Bloom | 529321 | 6858901 | bed | 80 | 332 | |
| Bloom | 529380 | 6859003 | bed | 73 | 15 | |
| Bloom | 529389 | 6861141 | bed | 34 | 286 | |
| Bloom | 529498 | 6861140 | bed | 26 | 299 | |
| Bloom | 529498 | 6861140 | bed | 13 | 285 | |
| Bloom | 529956 | 6859207 | bed | 74 | 67 | |
| Bloom | 530164 | 6859299 | bed | 48 | 52 | |
| Bloom | 530693 | 6859280 | bed | 54 | 199 | |
| Bloom | 530762 | 6859295 | bed | 66 | 229 | |
| Bloom | 530799 | 6859303 | bed | 57 | 44 | slip |
| Bloom | 530824 | 6859318 | bed | 70 | 51 | |
| Bloom | 531027 | 6859307 | bed | 36 | 354 | |
| Bloom | 531117 | 6859305 | bed | 33 | 347 | |
| Bloom | 531177 | 6859448 | bed | 35 | 202 | |
| Bloom | 531374 | 6859491 | bed | 74 | 51 | |
| Bloom | 531424 | 6859503 | bed | 78 | 241 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Hy | 516265 | 6866850 | bed | 34 | 67 | |
| Hy | 516279 | 6866859 | bed | 26 | 47 | |
| Hy | 516307 | 6866216 | bed | 35 | 351 | |
| Hy | 516442 | 6866994 | bed | 51 | 218 | |
| Hy | 516447 | 6866205 | bed | 45 | 50 | |
| Hy | 516451 | 6867005 | bed | 40 | 206 | contact |
| Hy | 516505 | 6867131 | bed | 33 | 246 | |
| Hy | 516600 | 6865954 | bed | 11 | 340 | |
| Hy | 516624 | 6865854 | bed | 45 | 239 | |
| Hy | 516640 | 6867120 | bed | 59 | 180 | |
| Hy | 516695 | 6867126 | bed | 50 | 139 | |
| Hy | 516734 | 6865818 | bed | 27 | 271 | |
| Hy | 516774 | 6867106 | bed | 24 | 226 | |
| Hy | 516774 | 6867106 | bed | 48 | 126 | |
| Hy | 516804 | 6867110 | bed | 29 | 272 | |
| Hy | 516835 | 6867114 | bed | 56 | 236 | |
| Hy | 516894 | 6865867 | bed | 15 | 178 | |
| Hy | 516927 | 6867158 | bed | 43 | 151 | |
| HY | 516984 | 6836282 | bed | 25 | 196 | |
| Hy | 517086 | 6867163 | bed | 30 | 220 | |
| Hy | 517150 | 6865853 | bed | 55 | 217 | |
| Hy | 517150 | 6865853 | bed | 11 | 285 | |
| Hy | 517151 | 6865876 | bed | 50 | 252 | |
| Hy | 517193 | 6865823 | bed | 77 | 80 | isoclinal fold limb |
| Hy | 517193 | 6865823 | bed | 37 | 93 | isoclinal fold limb |
| Hy | 517193 | 6865823 | bed | 52 | 82 | isoclinal fold limb |
| Hy | 517193 | 6865823 | bed | 29 | 86 | isoclinal fold limb |
| Hy | 517235 | 6865854 | bed | 23 | 158 | |
| HY | 517239 | 6867263 | bed | 30 | 163 | |
| HY | 517344 | 6867257 | bed | 40 | 77 | |
| HY | 519094 | 6865875 | bed | 65 | 215 | |
| Hy-Jay | 516833 | 6866444 | bed | 46 | 198 | |
| Hy-Jay | 516868 | 6866354 | bed | 33 | 159 | |
| Hy-Jay | 516989 | 6866275 | bed | 54 | 197 | |
| Hy-Jay | 517239 | 6866241 | bed | 34 | 169 | |
| Hy-Jay | 517285 | 6866239 | bed | 60 | 210 | |
| JAY | 519336 | 6865892 | bed | 64 | 231 | |
| JAY | 519360 | 6865892 | bed | 60 | 40 | |
| JAY | 519370 | 6865889 | bed | 68 | 69 | |
| JAY | 519479 | 6865892 | bed | 60 | 231 | |
| Jay - Bloom | 525689 | 6867208 | bed | 38 | 235 | |
| Jay - Bloom | 525725 | 6867137 | bed | 77 | 208 | |
| Jay - Bloom | 525752 | 6866964 | bed | 25 | 180 | |
| Jay - Bloom | 525769 | 6866869 | bed | 20 | 186 | |
| Jay - Bloom | 525780 | 6866961 | bed | 21 | 170 | |
| Jay - Bloom | 525784 | 6866618 | bed | 41 | 198 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Jay - Bloom | 525849 | 6866555 | bed | 49 | 185 | |
| Jay - Bloom | 525878 | 6866513 | bed | 31 | 269 | |
| Jay - Bloom | 525969 | 6866445 | bed | 45 | 205 | |
| Jay - Bloom | 526123 | 6865802 | bed | 29 | 230 | |
| Jay - Bloom | 526126 | 6866097 | bed | 24 | 215 | |
| Jay - Bloom | 526129 | 6865814 | bed | 80 | 196 | |
| Jay - Bloom | 526130 | 6865758 | bed | 67 | 214 | |
| Jay - Bloom | 526146 | 6866141 | bed | 23 | 205 | |
| Jay - Bloom | 526154 | 6865966 | bed | 52 | 214 | |
| Jay - Bloom | 526158 | 6865897 | bed | 44 | 196 | |
| Jay - Bloom | 526160 | 6865603 | bed | 63 | 201 | |
| Jay - Bloom | 526217 | 6864875 | bed | 65 | 167 | |
| Jay - Bloom | 526217 | 6864875 | bed | 58 | 247 | |
| Jay - Bloom | 526223 | 6865415 | bed | 40 | 184 | |
| Jay - Bloom | 526247 | 6865182 | bed | 85 | 265 | |
| Jay - Bloom | 526261 | 6865132 | bed | 76 | 354 | |
| Jay - Bloom | 526265 | 6865283 | bed | 80 | 210 | |
| Jay - Bloom | 526272 | 6865081 | bed | 54 | 202 | |
| Jay - Reef | 520957 | 6866827 | bed | 53 | 206 | |
| Jay - Reef | 520982 | 6866850 | bed | 67 | 38 | |
| Jay - Reef | 521046 | 6866962 | bed | 52 | 328 | |
| Jay - Reef | 521130 | 6867091 | bed | 40 | 172 | |
| Jay - Reef | 521177 | 6867192 | bed | 13 | 154 | |
| Jay - Reef | 521194 | 6867260 | bed | 23 | 165 | |
| Jay - Reef | 521200 | 6867276 | bed | 18 | 137 | |
| Jay - Reef | 521210 | 6867308 | bed | 15 | 85 | |
| Jay - Reef | 521333 | 6866649 | bed | 16 | 320 | |
| Jay - Reef | 521391 | 6866526 | bed | 19 | 215 | |
| Jay - Reef | 521399 | 6866509 | bed | 20 | 292 | |
| Jay - Reef | 521429 | 6866494 | bed | 5 | 155 | |
| Jay - Reef | 521511 | 6866436 | bed | 21 | 221 | |
| Jay - Reef | 522045 | 6866182 | bed | 59 | 185 | contact |
| Jay - Reef | 522045 | 6866182 | bed | 50 | 198 | |
| Jay - Reef | 522045 | 6866182 | bed | 56 | 198 | |
| Jay - Reef | 522218 | 6866105 | bed | 29 | 195 | |
| Jay - Reef | 522473 | 6865897 | bed | 53 | 206 | |
| Jay - Reef | 522491 | 6866084 | bed | 50 | 40 | |
| Jay - Reef | 522741 | 6865661 | bed | 25 | 193 | |
| Jay - Reef | 523347 | 6866102 | bed | 44 | 231 | |
| Jay - Reef | 523580 | 6866471 | bed | 56 | 216 | |
| Jay - Reef | 523646 | 6866613 | bed | 15 | 165 | |
| Jay - Reef | 523683 | 6866811 | bed | 60 | 214 | |
| Jay - Reef | 523707 | 6867295 | bed | 31 | 138 | |
| Jay - Reef | 523710 | 6867565 | bed | 45 | 182 | |
| Jay - Reef | 523711 | 6867378 | bed | 39 | 186 | |
| Jay - Reef | 523717 | 6866969 | bed | 7 | 205 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Jay - Reef | 523717 | 6866969 | bed | 37 | 212 | |
| Jay - Reef | 523717 | 6866969 | bed | 206 | | |
| Jay - Reef | 523741 | 6867655 | bed | 30 | 157 | |
| Jay - Reef | 523742 | 6867100 | bed | 57 | 220 | |
| Jay - Reef | 523742 | 6867100 | bed | 33 | 144 | |
| Jay - Reef | 523760 | 6867912 | bed | 48 | 188 | |
| Jay - Reef | 523773 | 6868077 | bed | 25 | 234 | |
| Jay - Reef | 523773 | 6868077 | bed | 85 | 41 | |
| Jay - Reef | 523786 | 6867788 | bed | 59 | 210 | |
| Jay - Reef | 523813 | 6868244 | bed | 29 | 161 | |
| Jay - Reef | 523838 | 6868325 | bed | 43 | 192 | |
| Jay - Reef | 523915 | 6868706 | bed | 38 | 165 | |
| Jay - Reef | 523934 | 6868522 | bed | 63 | 152 | |
| Jay - Reef | 523939 | 6868607 | bed | 45 | 200 | |
| Jay - Reef | 523946 | 6868786 | bed | 51 | 193 | |
| Jay - Reef | 524146 | 6867466 | bed | 28 | 202 | |
| Jay - Reef | 524183 | 6867981 | bed | 40 | 246 | |
| Jay - Reef | 524183 | 6867981 | bed | 36 | 180 | |
| Jay - Reef | 524183 | 6867981 | bed | 40 | 200 | |
| Off-claim | 519620 | 6871536 | bed | 62 | 200 | |
| Off-claim | 519696 | 6871800 | bed | 23 | 159 | |
| Off-claim | 519735 | 6871808 | bed | 40 | 180 | |
| Off-claim | 519748 | 6871806 | bed | 79 | 353 | |
| Off-claim | 519820 | 6871848 | bed | 68 | 204 | |
| Off-claim | 519846 | 6871876 | bed | 47 | 190 | |
| Off-claim | 519902 | 6871876 | bed | 62 | 169 | |
| Off-claim | 520009 | 6871878 | bed | 44 | 143 | |
| Off-claim | 520066 | 6871888 | bed | 88 | 115 | |
| Off-claim | 520066 | 6871888 | bed | 59 | 117 | |
| Off-claim | 520207 | 6871938 | bed | 30 | 234 | |
| Off-claim | 520269 | 6871953 | bed | 71 | 204 | |
| Off-claim | 520370 | 6871978 | bed | 38 | 251 | |
| Off-claim | 520518 | 6871986 | bed | 41 | 214 | |
| Off-claim | 520536 | 6871992 | bed | 24 | 200 | |
| Off-claim | 520591 | 6872001 | bed | 85 | 225 | |
| Off-claim | 520813 | 6872057 | bed | 30 | 190 | |
| Off-claim | 520964 | 6872140 | bed | 20 | 210 | |
| Off-claim | 521017 | 6872184 | bed | 51 | 252 | |
| Off-claim | 521141 | 6872239 | bed | 17 | 210 | contact |
| Off-claim | 521404 | 6872200 | bed | 68 | 197 | |
| Off-claim | 521404 | 6872200 | bed | 17 | 316 | |
| Off-claim | 521504 | 6872260 | bed | 38 | 138 | |
| Off-claim | 521668 | 6872384 | bed | 28 | 193 | |
| RECEE | 515456 | 6877312 | bed | 72 | 244 | |
| RECEE | 515501 | 6877242 | bed | 63 | 212 | |
| RECEE | 515615 | 6877203 | bed | 63 | 46 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| RECEE | 515623 | 6877189 | bed | 76 | 212 | |
| RECEE | 515646 | 6877189 | bed | 34 | 212 | |
| RECEE | 516425 | 6878333 | bed | 59 | 220 | |
| RECEE | 516672 | 6878621 | bed | 53 | 205 | |
| RECEE | 516744 | 6878745 | bed | 80 | 218 | |
| Reef | 521391 | 6864457 | bed | 47 | 85 | |
| Reef | 521655 | 6864384 | bed | 30 | 72 | |
| Reef | 521690 | 6864250 | bed | 53 | 34 | |
| Reef | 521712 | 6864177 | bed | 16 | 88 | |
| Reef | 521712 | 6864177 | bed | 40 | 40 | |
| Reef | 521881 | 6863989 | bed | 63 | 45 | |
| Reef | 521905 | 6863908 | bed | 21 | 171 | |
| Reef | 521921 | 6864017 | bed | 28 | 59 | |
| Reef | 521983 | 6864870 | bed | 27 | 219 | |
| Reef | 521997 | 6864858 | bed | 23 | 220 | |
| Reef | 522010 | 6864819 | bed | 44 | 352 | |
| Reef | 522144 | 6864757 | bed | 22 | 175 | |
| Reef | 522162 | 6863875 | bed | 27 | 134 | |
| Reef | 522229 | 6864536 | bed | 30 | 230 | |
| Reef | 522320 | 6863868 | bed | 26 | 162 | |
| Reef | 522348 | 6864629 | bed | 88 | 114 | |
| Reef | 522348 | 6864629 | bed | 10 | 108 | |
| Reef | 522348 | 6864629 | bed | 55 | 195 | |
| Reef | 522348 | 6864629 | bed | 52 | 242 | |
| Reef | 522350 | 6863868 | bed | 24 | 220 | |
| Reef | 522505 | 6863940 | bed | 32 | 2 | |
| Reef | 522505 | 6863940 | bed | 25 | 15 | |
| Reef | 522512 | 6863983 | bed | 39 | 42 | |
| Reef | 522581 | 6864935 | bed | 30 | 190 | contact |
| Reef | 522582 | 6864537 | bed | 10 | 10 | |
| Reef | 522597 | 6864918 | bed | 50 | 164 | |
| Reef | 522602 | 6864918 | bed | 42 | 170 | |
| Reef | 522622 | 6863992 | bed | 42 | 48 | |
| Reef | 522735 | 6864130 | bed | 48 | 302 | |
| Reef | 522764 | 6864832 | bed | 28 | 295 | |
| Reef | 522774 | 6864168 | bed | 22 | 38 | |
| Reef | 522862 | 6864154 | bed | 22 | 120 | |
| Reef | 522870 | 6864548 | bed | 31 | 153 | |
| Reef | 522870 | 6864548 | bed | 56 | 56 | |
| Reef | 522922 | 6864516 | bed | 18 | 44 | |
| Reef | 522922 | 6864750 | bed | 54 | 185 | contact |
| Reef | 522933 | 6864786 | bed | 53 | 197 | |
| Reef | 522933 | 6864786 | bed | 48 | 256 | |
| Reef | 522933 | 6864786 | bed | 58 | 200 | |
| Reef | 522933 | 6864786 | bed | 50 | 354 | |
| Reef | 522933 | 6864786 | bed | 46 | 192 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Reef | 522933 | 6864786 | bed | 61 | 154 | |
| Reef | 522936 | 6864559 | bed | 26 | 141 | |
| Reef | 522968 | 6864202 | bed | 38 | 294 | |
| Reef | 522968 | 6864766 | bed | 20 | 158 | |
| Reef | 522971 | 6864788 | bed | 30 | 277 | contact |
| Reef | 522985 | 6864594 | bed | 32 | 225 | |
| Reef | 523008 | 6864867 | bed | 38 | 205 | |
| Reef | 523026 | 6864393 | bed | 60 | 52 | |
| Reef | 523045 | 6864304 | bed | 39 | 183 | |
| Reef | 523052 | 6864205 | bed | 33 | 324 | |
| Reef | 523078 | 6864214 | bed | 24 | 114 | |
| Reef | 523130 | 6864928 | bed | 41 | 170 | |
| Reef | 523140 | 6864722 | bed | 23 | 311 | |
| Reef | 523140 | 6864722 | bed | 65 | 230 | |
| Reef | 523150 | 6864206 | bed | 24 | 50 | |
| Reef | 523475 | 6864325 | bed | 14 | 282 | |
| Reef | 523620 | 6864215 | bed | 49 | 29 | |
| VBA | 485542 | 6893408 | bed | 90 | 86 | |
| VBA | 485567 | 6893285 | bed | 62 | 172 | shear hosted qt carb vns |
| VBA | 485583 | 6893312 | bed | 38 | 353 | |
| VBA | 485583 | 6893825 | bed | 79 | 18 | parallel vn swarm |
| VBA | 485597 | 6893708 | bed | 44 | 353 | |
| VBA | 485641 | 6893943 | bed | 62 | 188 | |
| VBA | 485641 | 6894581 | bed | 90 | 120 | |
| VBA | 485832 | 6894517 | bed | 30 | 230 | |
| VBA | 485938 | 6894320 | bed | 58 | 286 | |
| VBA | 485989 | 6894405 | bed | 15 | 107 | qt carb veins. |
| VBA | 485989 | 6894405 | bed | 30 | 113 | |
| VBA | 486134 | 6894134 | bed | 32 | 58 | |
| VBA | 486136 | 6894967 | bed | 32 | 25 | bedding: S2; axial planar cleavage |
| VBA | 486194 | 6894196 | bed | 3 | 185 | |
| VBA | 486219 | 6895129 | bed | 42 | 22 | metre-scale open folds (D1?) |
| VBA | 486219 | 6895129 | bed | 48 | 205 | |
| VBA | 486267 | 6895105 | bed | 39 | 18 | |
| VBA | 486551 | 6896011 | bed | 51 | 336 | Two vein sets |
| VBA | 486570 | 6895242 | bed | 41 | 311 | |
| VBA | 486578 | 6894460 | bed | 55 | 332 | |
| VBA | 486611 | 6894554 | bed | 68 | 246 | |
| VBA | 486631 | 6894375 | bed | 82 | 70 | Bedding approx; folded qt vn |
| VBA | 486694 | 6894623 | bed | 78 | 50 | |
| VBA | 486709 | 6894672 | bed | 88 | 29 | qt carb vns perpendicular to beds<br>Rip up clasts inicate tops up. |
| VBA | 486723 | 6894344 | bed | 77 | 353 | Qt vn perpendicular to beds |
| VBA | 486987 | 6894810 | bed | 45 | 355 | |
| VF | 541698 | 6836968 | bed | 76 | 206 | |
| VF | 541710 | 6836975 | bed | 31 | 168 | graded bed; tops up |
| VF | 542326 | 6839668 | bed | 28 | 45 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| VF | 542336 | 6839658 | bed | 31 | 179 | |
| VF | 542345 | 6839648 | bed | 40 | 216 | |
| VF | 542357 | 6839595 | bed | 11 | 197 | |
| VF | 542380 | 6839550 | bed | 13 | 206 | |
| VF | 542405 | 6836710 | bed | 43 | 217 | |
| VF | 542410 | 6839486 | bed | 7 | 38 | |
| VF | 542568 | 6839359 | bed | 9 | 104 | |
| VF | 542594 | 6839857 | bed | 24 | 121 | |
| VF | 542650 | 6839822 | bed | 19 | 128 | |
| VF | 542713 | 6836598 | bed | 38 | 246 | |
| VF | 542742 | 6838517 | bed | 18 | 65 | |
| VF | 542821 | 6836536 | bed | 45 | 239 | |
| VF | 542841 | 6839291 | bed | 2 | 195 | |
| VF | 542847 | 6838517 | bed | 44 | 28 | |
| VF | 542883 | 6838527 | bed | 25 | 48 | |
| VF | 542939 | 6839217 | bed | 4 | 57 | |
| VF | 542972 | 6838584 | bed | 33 | 111 | |
| VF | 543012 | 6836619 | bed | 30 | 242 | |
| VF | 543036 | 6836989 | bed | 40 | 330 | |
| VF | 543125 | 6836744 | bed | 32 | 263 | |
| VF | 543128 | 6836660 | bed | 37 | 258 | contact |
| VF | 543132 | 6836793 | bed | 25 | 296 | |
| VF | 543148 | 6836670 | bed | 27 | 250 | |
| VF | 543166 | 6839243 | bed | 13 | 7 | |
| VF | 543220 | 6836625 | bed | 46 | 224 | contact |
| VF | 543264 | 6836666 | bed | 52 | 235 | |
| VF | 543301 | 6838674 | bed | 15 | 56 | |
| VF | 543340 | 6838675 | bed | 15 | 20 | |
| VF | 543442 | 6838700 | bed | 76 | 210 | |
| VF | 543446 | 6838714 | bed | 7 | 223 | |
| VF | 543462 | 6838758 | bed | 16 | 35 | |
| VF | 543488 | 6838831 | bed | 21 | 49 | |
| VF | 543503 | 6838905 | bed | 16 | 43 | |
| VF | 543503 | 6838905 | bed | 78 | 52 | |
| VF | 543503 | 6838905 | bed | 23 | 45 | |
| VF | 543514 | 6838924 | bed | 48 | 35 | |
| VF | 543514 | 6839168 | bed | 81 | 233 | |
| VF | 543515 | 6838982 | bed | 30 | 27 | |
| VF | 544154 | 6837404 | bed | 12 | 45 | |
| VF | 544632 | 6838267 | bed | 15 | 46 | |
| VM | 499595 | 6884179 | bed | 65 | 217 | grit ovelies lmst & graphitc sandst; vns as 1-5m x 0.1-5.0cm gashes over 20m x 50m area. |
| VM | 500070 | 6884314 | bed | 65 | 40 | grit underlies qtzt |
| VM | 500227 | 6884396 | bed | 62 | 195 | |
| VM | 500567 | 6884474 | bed | 84 | 177 | rip up clast of slate observed |
| VM | 501473 | 6885327 | bed | 55 | 353 | bedding suspect; sinusoidal vn set |

| | | | | | | |
|---|---|---|---|---|---|---|
| VM | 501479 | 6885530 | bed | 11 | 31 | slumped block? |
| VM | 501524 | 6885557 | bed | 8 | 81 | slumped block? qt vnz parallel cleav. |
| VM | 502057 | 6885067 | bed | 43 | 24 | grit inter\beds to 1.2 m thick |
| VM | 502934 | 6884110 | bed | 76 | 235 | bedding suspect; py very fine. |
| VM | 503202 | 6885087 | bed | 61 | 231 | All structural data suspect. |
| VM | 503387 | 6884344 | bed | 90 | 125 | |
| VM | 503419 | 6884337 | bed | 18 | 116 | F2?: folded cleavage? |
| VM | 503944 | 6886188 | bed | 25 | 70 | slumped o/c; gunsteel slate with plae green interbeds |
| VM | 503963 | 6885725 | bed | 87 | 237 | F2 (?) noted; folded cleavage; hinge not apparent |
| VM | 503963 | 6885725 | bed | 63 | 51 | |
| VM | 503980 | 6884135 | bed | 60 | 230 | congl & sandst beds in psam |
| Jay - Bloom | 526154 | 6865966 | boudin axis | 26 | 148 | |
| Bloom | 526145 | 6863466 | cleavage | 15 | 358 | |
| Bloom | 526225 | 6863350 | cleavage | 12 | 5 | |
| Bloom | 526319 | 6862541 | cleavage | 79 | 182 | |
| Bloom | 526319 | 6862541 | cleavage | 65 | 15 | |
| Bloom | 526319 | 6862541 | cleavage | 54 | 165 | |
| Bloom | 526319 | 6862541 | cleavage | 35 | 154 | axial planar to warped cleavage |
| Bloom | 526396 | 6862925 | cleavage | 59 | 0 | |
| Bloom | 526545 | 6862168 | cleavage | 61 | 192 | |
| Bloom | 526545 | 6862168 | cleavage | 59 | 168 | |
| Bloom | 526602 | 6864026 | cleavage | 54 | 218 | |
| Bloom | 526682 | 6861943 | cleavage | 22 | 347 | |
| Bloom | 526723 | 6864004 | cleavage | 62 | 35 | |
| Bloom | 526723 | 6864004 | cleavage | 79 | 129 | |
| Bloom | 526724 | 6861815 | cleavage | 26 | 96 | |
| Bloom | 526808 | 6864039 | cleavage | 43 | 242 | |
| Bloom | 526808 | 6864039 | cleavage | 59 | 208 | |
| Bloom | 526855 | 6864047 | cleavage | 85 | 246 | s2 |
| Bloom | 526855 | 6864047 | cleavage | 65 | 232 | s2 |
| Bloom | 526855 | 6864047 | cleavage | 43 | 232 | s2 |
| Bloom | 526855 | 6864047 | cleavage | 25 | 238 | s2 |
| Bloom | 526893 | 6862143 | cleavage | 29 | 117 | |
| Bloom | 526919 | 6864052 | cleavage | 71 | 245 | |
| Bloom | 527160 | 6864104 | cleavage | 57 | 225 | s2 axial planar |
| Bloom | 527160 | 6864104 | cleavage | 72 | 338 | frac cl |
| Bloom | 527184 | 6864112 | cleavage | 68 | 244 | |
| Bloom | 527184 | 6864112 | cleavage | 48 | 207 | |
| Bloom | 527190 | 6864129 | cleavage | 54 | 209 | |
| Bloom | 527193 | 6864128 | cleavage | 11 | 21 | |
| Bloom | 527248 | 6864139 | cleavage | 41 | 234 | |
| Bloom | 527290 | 6864145 | cleavage | 39 | 251 | |
| Bloom | 527333 | 6864169 | cleavage | 34 | 215 | |
| Bloom | 527394 | 6864231 | cleavage | 60 | 44 | |
| Bloom | 527394 | 6864231 | cleavage | 75 | 276 | fracture cleavage |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 527416 | 6864235 | cleavage | 31 | 202 | |
| Bloom | 527594 | 6858537 | cleavage | 85 | 110 | spaced |
| Bloom | 527767 | 6858563 | cleavage | 44 | 78 | |
| Bloom | 527887 | 6860970 | cleavage | 21 | 28 | |
| Bloom | 527887 | 6860970 | cleavage | 70 | 135 | |
| Bloom | 527887 | 6860970 | cleavage | 34 | 36 | |
| Bloom | 527977 | 6860962 | cleavage | 70 | 337 | |
| Bloom | 527982 | 6858451 | cleavage | 55 | 80 | |
| Bloom | 527982 | 6858451 | cleavage | 78 | 37 | fracture cleavage |
| Bloom | 528104 | 6861012 | cleavage | 19 | 266 | |
| Bloom | 528127 | 6861001 | cleavage | 41 | 72 | |
| Bloom | 528262 | 6861053 | cleavage | 65 | 71 | s2 axial planar |
| Bloom | 528410 | 6861003 | cleavage | 26 | 174 | |
| Bloom | 528498 | 6861030 | cleavage | 44 | 224 | |
| Bloom | 528573 | 6858468 | cleavage | 70 | 112 | |
| Bloom | 528578 | 6860988 | cleavage | 16 | 313 | |
| Bloom | 528633 | 6861012 | cleavage | 52 | 38 | |
| Bloom | 528724 | 6858508 | cleavage | 76 | 50 | |
| Bloom | 528758 | 6858521 | cleavage | 55 | 72 | |
| Bloom | 528759 | 6861052 | cleavage | 32 | 32 | |
| Bloom | 528804 | 6858535 | cleavage | 78 | 33 | |
| Bloom | 528858 | 6858583 | cleavage | 44 | 89 | |
| Bloom | 528955 | 6861237 | cleavage | 25 | 307 | |
| Bloom | 528955 | 6861237 | cleavage | 86 | 356 | |
| Bloom | 529018 | 6858715 | cleavage | 57 | 39 | |
| Bloom | 529037 | 6861270 | cleavage | 20 | 5 | |
| Bloom | 529112 | 6858711 | cleavage | 31 | 7 | |
| Bloom | 529131 | 6858775 | cleavage | 62 | 71 | |
| Bloom | 529159 | 6858792 | cleavage | 48 | 57 | |
| Bloom | 529380 | 6859003 | cleavage | 47 | 10 | |
| Bloom | 529389 | 6861141 | cleavage | 20 | 93 | |
| Bloom | 529498 | 6861140 | cleavage | 9 | 9 | |
| Bloom | 529498 | 6861140 | cleavage | 21 | 78 | |
| Bloom | 529583 | 6859158 | cleavage | 76 | 43 | |
| Bloom | 529956 | 6859207 | cleavage | 45 | 81 | |
| Bloom | 529956 | 6859207 | cleavage | 41 | 60 | fracture cleavage |
| Bloom | 530693 | 6859280 | cleavage | 46 | 232 | |
| Bloom | 530762 | 6859295 | cleavage | 39 | 214 | s2? |
| Bloom | 530824 | 6859318 | cleavage | 51 | 202 | |
| Bloom | 530824 | 6859318 | cleavage | 73 | 176 | fracture cleavage |
| Bloom | 531027 | 6859307 | cleavage | 53 | 31 | |
| Bloom | 531027 | 6859307 | cleavage | 57 | 114 | |
| Bloom | 531117 | 6859305 | cleavage | 52 | 336 | |
| Bloom | 531177 | 6859448 | cleavage | 31 | 154 | |
| Bloom | 531177 | 6859448 | cleavage | 12 | 46 | |
| Bloom | 531374 | 6859491 | cleavage | 24 | 190 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 531424 | 6859503 | cleavage | 36 | 225 | |
| Hy | 516442 | 6866994 | cleavage | 63 | 219 | |
| Hy | 516447 | 6866205 | cleavage | 75 | 195 | |
| Hy | 516505 | 6867131 | cleavage | 75 | 259 | |
| Hy | 516624 | 6865854 | cleavage | 59 | 285 | |
| Hy | 516640 | 6867120 | cleavage | 85 | 38 | |
| Hy | 516695 | 6867126 | cleavage | 36 | 210 | |
| Hy | 516734 | 6865818 | cleavage | 38 | 280 | |
| Hy | 516734 | 6865818 | cleavage | 57 | 30 | |
| Hy | 516804 | 6867110 | cleavage | 31 | 183 | |
| Hy | 516894 | 6865867 | cleavage | 80 | 227 | |
| Hy | 516927 | 6867158 | cleavage | 37 | 180 | |
| HY | 516984 | 6836282 | cleavage | 38 | 302 | |
| HY | 517063 | 6865498 | cleavage | 85 | 216 | |
| Hy | 517235 | 6865854 | cleavage | 81 | 50 | |
| HY | 517239 | 6867263 | cleavage | 42 | 189 | |
| HY | 517344 | 6867257 | cleavage | 45 | 205 | |
| HY | 519094 | 6865875 | cleavage | 67 | 28 | |
| Hy-Jay | 516833 | 6866444 | cleavage | 77 | 58 | S1 |
| Hy-Jay | 516833 | 6866444 | cleavage | 60 | 202 | S1 |
| Hy-Jay | 516989 | 6866275 | cleavage | 74 | 217 | S1spaced |
| Hy-Jay | 517239 | 6866241 | cleavage | 49 | 186 | S1 |
| Hy-Jay | 517285 | 6866239 | cleavage | 69 | 184 | S1 |
| JAY | 519370 | 6865889 | cleavage | 86 | 52 | |
| JAY | 519479 | 6865892 | cleavage | 76 | 54 | |
| Jay - Bloom | 525689 | 6867208 | cleavage | 9 | 95 | |
| Jay - Bloom | 525689 | 6867208 | cleavage | 52 | 212 | |
| Jay - Bloom | 525725 | 6867137 | cleavage | 51 | 207 | warped |
| Jay - Bloom | 525728 | 6867095 | cleavage | 29 | 234 | |
| Jay - Bloom | 525752 | 6866964 | cleavage | 34 | 190 | |
| Jay - Bloom | 525769 | 6866869 | cleavage | 16 | 174 | |
| Jay - Bloom | 525769 | 6866869 | cleavage | 85 | 96 | spaced |
| Jay - Bloom | 525780 | 6866961 | cleavage | 11 | 327 | spaced |
| Jay - Bloom | 525780 | 6866961 | cleavage | 9 | 264 | |
| Jay - Bloom | 525784 | 6866618 | cleavage | 32 | 188 | |
| Jay - Bloom | 525784 | 6866618 | cleavage | 79 | 134 | |
| Jay - Bloom | 525849 | 6866555 | cleavage | 23 | 178 | |
| Jay - Bloom | 525849 | 6866555 | cleavage | 84 | 314 | |
| Jay - Bloom | 525878 | 6866513 | cleavage | 48 | 207 | |
| Jay - Bloom | 525969 | 6866445 | cleavage | 70 | 172 | |
| Jay - Bloom | 526123 | 6865802 | cleavage | 20 | 265 | |
| Jay - Bloom | 526126 | 6866097 | cleavage | 44 | 240 | |
| Jay - Bloom | 526129 | 6865814 | cleavage | 67 | 210 | |
| Jay - Bloom | 526130 | 6865758 | cleavage | 59 | 189 | |
| Jay - Bloom | 526140 | 6865828 | cleavage | 48 | 19 | |
| Jay - Bloom | 526140 | 6865828 | cleavage | 60 | 190 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Jay - Bloom | 526142 | 6866033 | cleavage | 70 | 211 | |
| Jay - Bloom | 526146 | 6866141 | cleavage | 19 | 201 | |
| Jay - Bloom | 526154 | 6865966 | cleavage | 46 | 194 | |
| Jay - Bloom | 526217 | 6864875 | cleavage | 40 | 172 | axial planar |
| Jay - Bloom | 526223 | 6865415 | cleavage | 67 | 199 | |
| Jay - Bloom | 526247 | 6865182 | cleavage | 19 | 223 | |
| Jay - Bloom | 526265 | 6865283 | cleavage | 51 | 205 | |
| Jay - Reef | 520957 | 6866827 | cleavage | 75 | 181 | |
| Jay - Reef | 520957 | 6866827 | cleavage | 81 | 213 | |
| Jay - Reef | 520982 | 6866850 | cleavage | 72 | 29 | |
| Jay - Reef | 521046 | 6866962 | cleavage | 69 | 326 | |
| Jay - Reef | 521046 | 6866962 | cleavage | 67 | 198 | |
| Jay - Reef | 521130 | 6867091 | cleavage | 66 | 234 | fracture cleavage s3? |
| Jay - Reef | 521177 | 6867192 | cleavage | 56 | 5 | s1 |
| Jay - Reef | 521177 | 6867192 | cleavage | 32 | 36 | s2 |
| Jay - Reef | 521177 | 6867192 | cleavage | 74 | 243 | fracture cleavage s3? |
| Jay - Reef | 521194 | 6867260 | cleavage | 51 | 38 | s2 |
| Jay - Reef | 521194 | 6867260 | cleavage | 68 | 142 | s1 |
| Jay - Reef | 521200 | 6867276 | cleavage | 78 | 30 | s1 |
| Jay - Reef | 521200 | 6867276 | cleavage | 51 | 32 | s2 |
| Jay - Reef | 521210 | 6867308 | cleavage | 71 | 42 | |
| Jay - Reef | 521210 | 6867308 | cleavage | 88 | 11 | fracture cleavage |
| Jay - Reef | 521391 | 6866526 | cleavage | 51 | 215 | |
| Jay - Reef | 521391 | 6866526 | cleavage | 78 | 282 | fracture cleavage |
| Jay - Reef | 521429 | 6866494 | cleavage | 60 | 52 | |
| Jay - Reef | 521429 | 6866494 | cleavage | 46 | 217 | |
| Jay - Reef | 521429 | 6866494 | cleavage | 26 | 198 | |
| Jay - Reef | 521429 | 6866494 | cleavage | 76 | 311 | fracture cleavage |
| Jay - Reef | 522045 | 6866182 | cleavage | 75 | 72 | fracture cleavage |
| Jay - Reef | 522045 | 6866182 | cleavage | 76 | 217 | |
| Jay - Reef | 522045 | 6866182 | cleavage | 52 | 158 | |
| Jay - Reef | 522218 | 6866105 | cleavage | 81 | 35 | |
| Jay - Reef | 522218 | 6866105 | cleavage | 86 | 195 | |
| Jay - Reef | 522485 | 6866021 | cleavage | 68 | 335 | |
| Jay - Reef | 522485 | 6866021 | cleavage | 74 | 275 | |
| Jay - Reef | 522741 | 6865661 | cleavage | 48 | 62 | |
| Jay - Reef | 522741 | 6865661 | cleavage | 30 | 55 | |
| Jay - Reef | 523210 | 6865830 | cleavage | 58 | 60 | |
| Jay - Reef | 523210 | 6865830 | cleavage | 80 | 174 | |
| Jay - Reef | 523347 | 6866102 | cleavage | 78 | 267 | |
| Jay - Reef | 523646 | 6866613 | cleavage | 51 | 161 | |
| Jay - Reef | 523683 | 6866811 | cleavage | 70 | 125 | |
| Jay - Reef | 523711 | 6867378 | cleavage | 66 | 202 | |
| Jay - Reef | 523717 | 6866969 | cleavage | 22 | 222 | axial planar |
| Jay - Reef | 523742 | 6867100 | cleavage | 40 | 158 | axial planar crenulation |
| Jay - Reef | 523753 | 6867970 | cleavage | 38 | 211 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Jay - Reef | 523760 | 6867912 | cleavage | 32 | 151 | spaced |
| Jay - Reef | 523773 | 6868077 | cleavage | 41 | 205 | |
| Jay - Reef | 523773 | 6868077 | cleavage | 37 | 142 | |
| Jay - Reef | 523773 | 6868077 | cleavage | 31 | 312 | |
| Jay - Reef | 523786 | 6867788 | cleavage | 15 | 212 | |
| Jay - Reef | 523838 | 6868325 | cleavage | 32 | 225 | spaced |
| Jay - Reef | 523915 | 6868706 | cleavage | 59 | 174 | |
| Jay - Reef | 523934 | 6868522 | cleavage | 55 | 166 | |
| Jay - Reef | 523934 | 6868522 | cleavage | 66 | 197 | |
| Jay - Reef | 523939 | 6868607 | cleavage | 31 | 170 | |
| Jay - Reef | 523946 | 6868786 | cleavage | 18 | 211 | |
| Jay - Reef | 524146 | 6867466 | cleavage | 70 | 200 | |
| Jay - Reef | 524146 | 6867466 | cleavage | 70 | 162 | |
| Off-claim | 519620 | 6871536 | cleavage | 26 | 274 | |
| Off-claim | 519735 | 6871808 | cleavage | 67 | 174 | |
| Off-claim | 519748 | 6871806 | cleavage | 63 | 10 | |
| Off-claim | 519820 | 6871848 | cleavage | 68 | 161 | |
| Off-claim | 520066 | 6871888 | cleavage | 32 | 160 | |
| Off-claim | 520269 | 6871953 | cleavage | 50 | 320 | |
| Off-claim | 520299 | 6871955 | cleavage | 29 | 242 | |
| Off-claim | 520370 | 6871978 | cleavage | 16 | 241 | |
| Off-claim | 520518 | 6871986 | cleavage | 26 | 188 | |
| Off-claim | 520620 | 6872007 | cleavage | 21 | 244 | axial planar s1 |
| Off-claim | 521017 | 6872184 | cleavage | 42 | 232 | |
| RECEE | 515456 | 6877312 | cleavage | 45 | 213 | |
| RECEE | 515501 | 6877242 | cleavage | 36 | 151 | |
| RECEE | 515615 | 6877203 | cleavage | 45 | 179 | |
| RECEE | 515646 | 6877189 | cleavage | 53 | 192 | |
| RECEE | 516672 | 6878621 | cleavage | 62 | 224 | |
| RECEE | 516744 | 6878745 | cleavage | 62 | 254 | |
| Reef | 521655 | 6864384 | cleavage | 52 | 42 | |
| Reef | 521712 | 6864177 | cleavage | 80 | 192 | s2? |
| Reef | 521881 | 6863989 | cleavage | 39 | 354 | |
| Reef | 521881 | 6863989 | cleavage | 72 | 74 | |
| Reef | 521983 | 6864870 | cleavage | 46 | 195 | |
| Reef | 521983 | 6864870 | cleavage | 72 | 307 | fracture cleavage |
| Reef | 521997 | 6864858 | cleavage | 52 | 207 | |
| Reef | 522010 | 6864819 | cleavage | 42 | 202 | |
| Reef | 522010 | 6864819 | cleavage | 72 | 120 | fracture cleavage |
| Reef | 522144 | 6864757 | cleavage | 58 | 205 | |
| Reef | 522162 | 6863875 | cleavage | 43 | 144 | |
| Reef | 522229 | 6864536 | cleavage | 70 | 130 | fracture cleavage |
| Reef | 522320 | 6863868 | cleavage | 39 | 238 | |
| Reef | 522348 | 6864629 | cleavage | 32 | 285 | |
| Reef | 522348 | 6864629 | cleavage | 46 | 178 | |
| Reef | 522348 | 6864629 | cleavage | 46 | 95 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Reef | 522505 | 6863940 | cleavage | 56 | 20 | |
| Reef | 522582 | 6864537 | cleavage | 56 | 193 | |
| Reef | 522602 | 6864918 | cleavage | 42 | 170 | axial planar |
| Reef | 522622 | 6863992 | cleavage | 83 | 65 | |
| Reef | 522622 | 6863992 | cleavage | 69 | 229 | |
| Reef | 522694 | 6864873 | cleavage | 69 | 12 | |
| Reef | 522774 | 6864168 | cleavage | 48 | 70 | |
| Reef | 522774 | 6864168 | cleavage | 62 | 128 | |
| Reef | 522862 | 6864154 | cleavage | 23 | 16 | |
| Reef | 522862 | 6864154 | cleavage | 33 | 70 | |
| Reef | 522870 | 6864548 | cleavage | 41 | 191 | axial planar cren |
| Reef | 522870 | 6864548 | cleavage | 30 | 214 | |
| Reef | 522879 | 6864860 | cleavage | 80 | 194 | |
| Reef | 522879 | 6864860 | cleavage | 76 | 199 | |
| Reef | 522879 | 6864860 | cleavage | 78 | 294 | fracture cleavage |
| Reef | 522922 | 6864516 | cleavage | 44 | 207 | |
| Reef | 522933 | 6864786 | cleavage | 19 | 193 | axial planar |
| Reef | 522936 | 6864559 | cleavage | 57 | 219 | s2 |
| Reef | 522936 | 6864559 | cleavage | 64 | 89 | s1 |
| Reef | 522968 | 6864202 | cleavage | 78 | 230 | |
| Reef | 522968 | 6864202 | cleavage | 86 | 249 | |
| Reef | 522968 | 6864766 | cleavage | 18 | 110 | s1 - axial planar to isoclines |
| Reef | 522971 | 6864788 | cleavage | 34 | 192 | |
| Reef | 522985 | 6864594 | cleavage | 65 | 216 | s2 |
| Reef | 522985 | 6864594 | cleavage | 42 | 69 | |
| Reef | 523008 | 6864867 | cleavage | 62 | 193 | |
| Reef | 523026 | 6864393 | cleavage | 65 | 136 | |
| Reef | 523031 | 6865012 | cleavage | 83 | 54 | |
| Reef | 523045 | 6864304 | cleavage | 42 | 132 | |
| Reef | 523078 | 6864214 | cleavage | 44 | 106 | |
| Reef | 523130 | 6864928 | cleavage | 56 | 175 | |
| Reef | 523150 | 6864206 | cleavage | 13 | 162 | S1 |
| Reef | 523620 | 6864215 | cleavage | 19 | 325 | S1 |
| Reef | 523620 | 6864215 | cleavage | 33 | 180 | S5 |
| VBA | 485542 | 6893408 | cleavage | 80 | 280 | |
| VBA | 485567 | 6893285 | cleavage | 90 | 113 | |
| VBA | 485597 | 6893708 | cleavage | 90 | 119 | |
| VBA | 485641 | 6893943 | cleavage | 70 | 37 | |
| VBA | 485641 | 6894581 | cleavage | 62 | 2 | |
| VBA | 485832 | 6894517 | cleavage | 76 | 32 | |
| VBA | 485938 | 6894320 | cleavage | 72 | 16 | |
| VBA | 485989 | 6894405 | cleavage | 85 | 18 | |
| VBA | 486134 | 6894134 | cleavage | 58 | 32 | |
| VBA | 486136 | 6894967 | cleavage | 64 | 206 | |
| VBA | 486194 | 6894196 | cleavage | 84 | 13 | |
| VBA | 486219 | 6895129 | cleavage | 86 | 25 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| VBA | 486267 | 6895105 | cleavage | 78 | 36 | |
| VBA | 486551 | 6896011 | cleavage | 86 | 56 | |
| VBA | 486570 | 6895242 | cleavage | 72 | 28 | |
| VBA | 486578 | 6894460 | cleavage | 90 | 160 | |
| VBA | 486600 | 6896103 | cleavage | 80 | 49 | |
| VBA | 486611 | 6894554 | cleavage | 82 | 46 | |
| VBA | 486631 | 6894375 | cleavage | 77 | 42 | |
| VBA | 486694 | 6894623 | cleavage | 86 | 234 | |
| VBA | 486709 | 6894672 | cleavage | 64 | 55 | |
| VBA | 486723 | 6894344 | cleavage | 90 | 160 | |
| VBA | 486727 | 6894737 | cleavage | 71 | 24 | |
| VBA | 486987 | 6894810 | cleavage | 66 | 125 | |
| VF | 542326 | 6839668 | cleavage | 32 | 190 | S1 wide spacing |
| VF | 542326 | 6839668 | cleavage | 62 | 351 | S2 narrow spacing |
| VF | 542336 | 6839658 | cleavage | 74 | 224 | S1 |
| VF | 542345 | 6839648 | cleavage | 74 | 16 | S1 |
| VF | 542357 | 6839595 | cleavage | 47 | 38 | S1 |
| VF | 542357 | 6839595 | cleavage | 50 | 331 | S2 |
| VF | 542405 | 6836710 | cleavage | 41 | 33 | |
| VF | 542410 | 6839486 | cleavage | 72 | 29 | S1 |
| VF | 542643 | 6839574 | cleavage | 73 | 225 | S1 |
| VF | 542713 | 6836598 | cleavage | 31 | 24 | |
| VF | 542821 | 6836536 | cleavage | 19 | 22 | |
| VF | 542841 | 6839291 | cleavage | 26 | 51 | S1 |
| VF | 542847 | 6838517 | cleavage | 72 | 54 | S1 |
| VF | 542883 | 6838527 | cleavage | 69 | 99 | S1 |
| VF | 542939 | 6839217 | cleavage | 43 | 45 | S1 |
| VF | 543012 | 6836619 | cleavage | 38 | 18 | |
| VF | 543036 | 6836989 | cleavage | 20 | 40 | |
| VF | 543132 | 6836793 | cleavage | 28 | 338 | S1 |
| VF | 543148 | 6836670 | cleavage | 27 | 9 | S1 |
| VF | 543166 | 6839243 | cleavage | 80 | 37 | S1 |
| VF | 543264 | 6836666 | cleavage | 19 | 356 | S1 |
| VF | 543442 | 6838700 | cleavage | 61 | 215 | S1 |
| VF | 543446 | 6838714 | cleavage | 36 | 23 | S1 |
| VF | 543488 | 6838831 | cleavage | 74 | 30 | S1 |
| VF | 543503 | 6838905 | cleavage | 74 | 50 | S1 |
| VF | 543503 | 6838905 | cleavage | 82 | 207 | S4 |
| VF | 543514 | 6838924 | cleavage | 68 | 192 | S1 |
| VF | 543514 | 6838924 | cleavage | 62 | 224 | S3 |
| VF | 543515 | 6838982 | cleavage | 59 | 47 | S1 |
| VF | 544154 | 6837404 | cleavage | 59 | 202 | |
| VM | 499595 | 6884179 | cleavage | 43 | 36 | |
| VM | 500070 | 6884314 | cleavage | 75 | 215 | |
| VM | 500227 | 6884396 | cleavage | 31 | 180 | |
| VM | 500567 | 6884474 | cleavage | 48 | 194 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| VM | 501122 | 6886895 | cleavage | 58 | 18 | cleavage suspect |
| VM | 501473 | 6885327 | cleavage | 67 | 55 | |
| VM | 501479 | 6885530 | cleavage | 22 | 1 | |
| VM | 501486 | 6885044 | cleavage | 39 | 69 | |
| VM | 501524 | 6885557 | cleavage | 80 | 21 | |
| VM | 501676 | 6886203 | cleavage | 37 | 181 | fault with slicks; no gouge |
| VM | 502057 | 6885067 | cleavage | 67 | 34 | |
| VM | 503202 | 6885087 | cleavage | 75 | 125 | |
| VM | 503202 | 6885087 | cleavage | 90 | 88 | |
| VM | 503366 | 6884311 | cleavage | 58 | 195 | 1.5m NW plunging ‘W’ fold; pale grey recessive i/b’s; all units ~1% py |
| VM | 503387 | 6884344 | cleavage | 76 | 243 | |
| VM | 503419 | 6884337 | cleavage | 80 | 229 | |
| VM | 503963 | 6885725 | cleavage | 41 | 188 | |
| VM | 503963 | 6885725 | cleavage | 63 | 233 | |
| VM | 503980 | 6884135 | cleavage | 78 | 23 | |
| | 502934 | 6884110 | cleavage | 58 | 206 | |
| Bloom | 526353 | 6862516 | fault | 72 | 18 | sinistral |
| Bloom | 526602 | 6864026 | fault | 31 | 82 | normal dextral |
| Bloom | 526682 | 6861943 | fault | 67 | 252 | normal |
| Bloom | 526682 | 6861943 | fault | 85 | 250 | normal |
| Bloom | 526682 | 6861943 | fault | 59 | 264 | dextral |
| Bloom | 526724 | 6861815 | fault | 60 | 357 | sinistral |
| Bloom | 526829 | 6862232 | fault | 67 | 207 | sinistral |
| Bloom | 526840 | 6864045 | fault | 75 | 202 | normal |
| Bloom | 526893 | 6862143 | fault | 60 | 109 | normal |
| Bloom | 526895 | 6864048 | fault | 80 | 258 | dextral |
| Bloom | 527127 | 6864094 | fault | 86 | 48 | normal |
| Bloom | 527127 | 6864094 | fault | 40 | 255 | normal |
| Bloom | 527127 | 6864094 | fault | 89 | 72 | shear zone |
| Bloom | 527248 | 6864139 | fault | 33 | 238 | normal |
| Bloom | 527333 | 6864169 | fault | 54 | 231 | sinistral |
| Bloom | 527977 | 6860962 | fault | 63 | 72 | sinistral? |
| Bloom | 528691 | 6861022 | fault | 74 | 140 | sinistral |
| Bloom | 528759 | 6861052 | fault | 24 | 65 | normal |
| Bloom | 529159 | 6858735 | fault | 84 | 112 | sinistral |
| Bloom | 529956 | 6859207 | fault | 71 | 317 | |
| Bloom | 530693 | 6859280 | fault | 66 | 184 | intrafolial slip - dextral |
| Bloom | 530799 | 6859303 | fault | 57 | 44 | sinistral? |
| Bloom | 530824 | 6859318 | fault | 83 | 333 | dextral |
| Hy | 516265 | 6866850 | fault | 34 | 67 | sinistral |
| Hy | 516279 | 6866859 | fault | 76 | 216 | dextral |
| Hy | 516774 | 6867106 | fault | 58 | 251 | sinistral |
| Hy | 516870 | 6867127 | fault | 74 | 250 | sinistral |
| Hy | 516927 | 6867158 | fault | 63 | 323 | small normal |
| Hy | 517150 | 6865853 | fault | 36 | 74 | sinistral |
| Hy | 517150 | 6865853 | fault | 73 | 56 | dextral |

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|---|---|---|---|---|---|---|
| Hy | 517150 | 6865853 | fault | 89 | 145 | large sinistral normal |
| Hy | 517150 | 6865853 | fault | 65 | 216 | large dextral? |
| Hy | 517193 | 6865823 | fault | 52 | 82 | sinistral/normal |
| Hy | 517193 | 6865823 | fault | 29 | 86 | normal/sinistral |
| HY | 517239 | 6867263 | fault | 75 | 76 | |
| Hy-Jay | 516833 | 6866444 | fault | 47 | 262 | normal |
| Hy-Jay | 516893 | 6866511 | fault | 84 | 285 | sinistral |
| Hy-Jay | 516956 | 6866338 | fault | 71 | 237 | large sinistral |
| Hy-Jay | 516974 | 6866305 | fault | 69 | 54 | sinistral |
| Hy-Jay | 516974 | 6866305 | fault | 89 | 262 | sinistral |
| Hy-Jay | 517285 | 6866239 | fault | 78 | 235 | dextral - vn offset |
| JAY | 519479 | 6865892 | fault | 45 | 123 | |
| Jay - Reef | 521422 | 6866492 | fault | 84 | 96 | sinistral |
| Jay - Reef | 521511 | 6866436 | fault | 85 | 308 | sinistral |
| Jay - Reef | 521511 | 6866436 | fault | 89 | 320 | sinistral |
| Jay - Reef | 521651 | 6866450 | fault | 89 | 290 | dextral? |
| Jay - Reef | 521651 | 6866450 | fault | 68 | 228 | sinistral |
| Jay - Reef | 522045 | 6866182 | fault | 56 | 198 | dextral-reverse |
| Jay - Reef | 522470 | 6865954 | fault | 52 | 293 | major normal |
| Jay - Reef | 522470 | 6865954 | fault | 51 | 239 | major normal |
| Jay - Reef | 522470 | 6865954 | fault | 50 | 295 | major normal |
| Jay - Reef | 522491 | 6866084 | fault | 45 | 302 | major normal |
| Jay - Reef | 522491 | 6866084 | fault | 46 | 276 | major normal |
| Jay - Reef | 522904 | 6865281 | fault | 83 | 40 | sinistral |
| Jay - Reef | 522925 | 6865238 | fault | 85 | 338 | breccia zone |
| Jay - Reef | 522925 | 6865238 | fault | 81 | 267 | sinistral |
| Jay - Reef | 522951 | 6865267 | fault | 85 | 133 | normal |
| Jay - Reef | 523707 | 6867295 | fault | 86 | 69 | dextral |
| Jay - Reef | 523710 | 6867565 | fault | 45 | 182 | intrafolial slip -sinistral |
| Jay - Reef | 523710 | 6867565 | fault | 70 | 331 | sinistral |
| Jay - Reef | 523741 | 6867655 | fault | 30 | 157 | intrafolial slip - reverse |
| Jay - Reef | 523741 | 6867655 | fault | 47 | 183 | normal |
| Jay - Reef | 523838 | 6868325 | fault | 86 | 58 | |
| Off-claim | 519902 | 6871876 | fault | 53 | 199 | sinistral |
| Reef | 521655 | 6864384 | fault | 51 | 281 | sinistral |
| Reef | 521655 | 6864384 | fault | 59 | 264 | sinistral |
| Reef | 522320 | 6863868 | fault | 75 | 234 | normal |
| Reef | 522320 | 6863868 | fault | 70 | 224 | large dextral |
| Reef | 522320 | 6863868 | fault | 59 | 216 | dextral |
| Reef | 522348 | 6864629 | fault | 86 | 282 | sinistral reverse |
| Reef | 522348 | 6864629 | fault | 74 | 54 | |
| Reef | 522669 | 6864869 | fault | 82 | 42 | reverse sinistral |
| Reef | 522735 | 6864130 | fault | 68 | 265 | sinistral/reverse |
| Reef | 522764 | 6864832 | fault | 39 | 235 | reverse sinistral |
| Reef | 522781 | 6864860 | fault | 76 | 287 | dextral |
| Reef | 522827 | 6864863 | fault | 71 | 272 | |

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|---|---|---|---|---|---|---|
| Reef | 522879 | 6864860 | fault | 76 | 50 | sinistral |
| Reef | 522933 | 6864786 | fault | 81 | 232 | sinistral reverse |
| Reef | 522978 | 6865069 | fault | 82 | 306 | large dextral |
| Reef | 523008 | 6864867 | fault | 87 | 227 | normal |
| Reef | 523040 | 6864992 | fault | 85 | 257 | sinistral |
| Reef | 523040 | 6864992 | fault | 66 | 52 | large. 2 sl sinistral |
| Reef | 523044 | 6865017 | fault | 88 | 93 | dextral |
| Reef | 523052 | 6864205 | fault | 33 | 324 | |
| Reef | 523088 | 6864927 | fault | 89 | 326 | 2 sl dextral + sinistral |
| Reef | 523088 | 6864932 | fault | 82 | 283 | large dextral/reverse |
| Reef | 523092 | 6864783 | fault | 56 | 198 | normal |
| Reef | 523092 | 6864783 | fault | 75 | 312 | large |
| Reef | 523092 | 6864783 | fault | 46 | 21 | v large - normal? |
| Reef | 523092 | 6864968 | fault | 60 | 12 | large dextral |
| Reef | 523094 | 6864966 | fault | 72 | 318 | large dextral |
| Reef | 523099 | 6864964 | fault | 75 | 297 | large sinistral |
| Reef | 523130 | 6864928 | fault | 83 | 239 | sinistral |
| Reef | 523130 | 6864928 | fault | 51 | 212 | small sinistral |
| Reef | 523139 | 6864740 | fault | 73 | 324 | dextral |
| Reef | 523140 | 6864722 | fault | 75 | 156 | sinistral reverse |
| Reef | 523140 | 6864722 | fault | 88 | 204 | dextral |
| Reef | 523140 | 6864722 | fault | 71 | 151 | dextral |
| VBA | 486267 | 6895105 | fault | 12 | 34 | |
| VBA | 486727 | 6894737 | fault | 82 | 31 | |
| VF | 541639 | 6836984 | fault | 55 | 62 | fault azm. approximate |
| VF | 542336 | 6839658 | fault | 52 | 118 | normal |
| VF | 542336 | 6839658 | fault | 66 | 144 | ? |
| VF | 542345 | 6839648 | fault | 86 | 146 | large dextral normal |
| VF | 542345 | 6839648 | fault | 84 | 118 | dextral normal flex of above fault |
| VF | 542410 | 6839486 | fault | 81 | 286 | dextral |
| VF | 542410 | 6839486 | fault | 16 | 15 | dextral |
| VF | 542604 | 6839688 | fault | 49 | 339 | normal |
| VF | 542650 | 6839822 | fault | 81 | 168 | normal - bed deflection |
| VF | 542944 | 6838568 | fault | 87 | 191 | |
| VF | 542954 | 6838578 | fault | 36 | 254 | sinistral |
| VF | 543131 | 6836808 | fault | 80 | 148 | dextral reverse |
| VF | 543301 | 6838674 | fault | 86 | 213 | dextral |
| VF | 543432 | 6838690 | fault | 87 | 269 | dextral |
| VF | 543515 | 6838982 | fault | 76 | 167 | sinistral? |
| VF | 544392 | 6837849 | fault | 76 | 222 | |
| VM | 501676 | 6886203 | fault | 73 | 210 | |
| Bloom | 526319 | 6862541 | fold axis | 5 | 91 | |
| Bloom | 526893 | 6862143 | fold axis | 30 | 51 | |
| Bloom | 527160 | 6864104 | fold axis | 5 | 315 | |
| Bloom | 527193 | 6864128 | fold axis | 25 | 182 | |
| Bloom | 528486 | 6861001 | fold axis | 11 | 51 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 528759 | 6861052 | fold axis | 42 | 27 | rootless |
| Bloom | 529498 | 6861140 | fold axis | 7 | 11 | s-fold |
| Hy | 517128 | 6867003 | fold axis | 31 | 0 | tight - isoclinal internal |
| Hy | 517193 | 6865823 | fold axis | 9 | 154 | isoclinal |
| HY | 519094 | 6865875 | fold axis | 4 | 301 | |
| Hy-Jay | 516989 | 6866275 | fold axis | 62 | 130 | isoclinal small |
| Off-claim | 519620 | 6871536 | fold axis | 23 | 272 | kink n-verging |
| Off-claim | 519748 | 6871806 | fold axis | 16 | 87 | |
| Off-claim | 520620 | 6872007 | fold axis | 4 | 308 | f1 |
| Reef | 521712 | 6864177 | fold axis | 5 | 166 | |
| Reef | 522602 | 6864918 | fold axis | 32 | 133 | tight n-verging |
| Reef | 522602 | 6864918 | fold axis | 26 | 98 | m-fold/cren |
| Reef | 522933 | 6864786 | fold axis | 20 | 273 | |
| Reef | 522968 | 6864766 | fold axis | 21 | 115 | f1 |
| Reef | 523140 | 6864722 | fold axis | 20 | 310 | |
| VBA | 486136 | 6894967 | fold axis | 4 | 294 | |
| VBA | 486219 | 6895129 | fold axis | 6 | 113 | |
| VBA | 486631 | 6894375 | fold axis | 18 | 122 | |
| VF | 543264 | 6836666 | fold axis | 37 | 305 | small asym ne-verging |
| VF | 544154 | 6837404 | fold axis | 55 | 349 | |
| VM | 500582 | 6884505 | fold axis | 8 | 294 | F2 (?) ; cleavage folded; no bedding |
| VM | 503366 | 6884311 | fold axis | 34 | 265 | 1.5m NW plunging ‘W’ fold; pale grey recessive i/b’s; all units ~1% py |
| VM | 503366 | 6884311 | fold axis | 38 | 312 | 1.5m NW plunging ‘W’ fold; pale grey recessive i/b’s; all units ~1% py |
| VM | 503419 | 6884337 | fold axis | 45 | 275 | |
| Bloom | 528095 | 6858395 | foliation | 10 | 23 | |
| Bloom | 530036 | 6859206 | foliation | 16 | 47 | bed? |
| Bloom | 530236 | 6859322 | foliation | 39 | 185 | bed? |
| Bloom | 530465 | 6859361 | foliation | 81 | 197 | bed? |
| Jay - Bloom | 525969 | 6866445 | foliation | 27 | 217 | |
| Jay - Bloom | 526142 | 6866033 | foliation | 32 | 220 | |
| Bloom | 528758 | 6858521 | fracture | 75 | 54 | conjugate |
| Bloom | 528758 | 6858521 | fracture | 61 | 293 | conjugate |
| Hy | 517150 | 6865853 | fracture | 80 | 130 | |
| Hy-Jay | 516989 | 6866275 | fracture | 66 | 44 | p-r fabric |
| Hy-Jay | 516989 | 6866275 | fracture | 74 | 74 | p-r fabric |
| Reef | 523040 | 6864992 | fracture | 61 | 297 | conjugate |
| Reef | 523040 | 6864992 | fracture | 72 | 124 | conjugate |
| VF | 542939 | 6839217 | fracture | 87 | 315 | regular |
| VF | 543125 | 6836744 | fracture | 79 | 12 | |
| VF | 543125 | 6836744 | fracture | 55 | 76 | |
| VF | 543166 | 6839243 | fracture | 78 | 50 | p-r fabric |
| VF | 543166 | 6839243 | fracture | 76 | 208 | p-r fabric |
| VF | 543220 | 6836625 | fracture | 64 | 5 | regular |
| VF | 543462 | 6838758 | fracture | 68 | 79 | conjugate |
| VF | 543462 | 6838758 | fracture | 68 | 304 | conjugate |

| | | | | | | |
|---|---|---|---|---|---|---|
| VF | 543503 | 6838905 | fracture | 78 | 266 | en echelon |
| VF | 543166 | 6839243 | fracture cleavage | 86 | 169 | |
| VF | 543442 | 6838700 | fracture cleavage | 48 | 254 | |
| VF | 543462 | 6838758 | fracture cleavage | 48 | 200 | |
| VF | 543503 | 6838905 | fracture cleavage | 89 | 113 | |
| VF | 543515 | 6838982 | fracture cleavage | 66 | 250 | |
| Bloom | 526145 | 6863466 | intersection lineation | 13 | 322 | |
| Bloom | 527248 | 6864139 | intersection lineation | 34 | 199 | |
| Bloom | 527416 | 6864235 | intersection lineation | 29 | 173 | |
| Bloom | 528127 | 6861001 | intersection lineation | 39 | 351 | |
| Bloom | 528410 | 6861003 | intersection lineation | 15 | 114 | |
| Bloom | 528578 | 6860988 | intersection lineation | 21 | 321 | |
| Bloom | 528633 | 6861012 | intersection lineation | 16 | 122 | |
| Bloom | 528758 | 6858521 | intersection lineation | 8 | 340 | |
| Bloom | 528858 | 6858583 | intersection lineation | 16 | 16 | |
| Bloom | 530762 | 6859295 | intersection lineation | 10 | 137 | |
| Bloom | 531027 | 6859307 | intersection lineation | 5 | 295 | s0 intersection |
| Bloom | 531027 | 6859307 | intersection lineation | 52 | 63 | s0 intersection |
| Bloom | 531117 | 6859305 | intersection lineation | 12 | 270 | |
| Bloom | 531424 | 6859503 | intersection lineation | 18 | 155 | |
| Hy | 516442 | 6866994 | intersection lineation | 11 | 120 | |
| Hy | 516695 | 6867126 | intersection lineation | 30 | 162 | |
| Hy | 516734 | 6865818 | intersection lineation | 23 | 280 | bed/cl intersection |
| Hy | 516734 | 6865818 | intersection lineation | 35 | 299 | bed/cl intersection |
| Hy | 516734 | 6865818 | intersection lineation | 43 | 313 | s1-s2 |
| Hy | 516804 | 6867110 | intersection lineation | 26 | 198 | |
| Hy | 516894 | 6865867 | intersection lineation | 16 | 143 | intersection |
| Hy | 517151 | 6865876 | intersection lineation | 5 | 134 | |
| Hy | 517151 | 6865876 | intersection lineation | 8 | 187 | |
| Hy | 517193 | 6865823 | intersection lineation | 35 | 146 | |
| Hy-Jay | 516833 | 6866444 | intersection lineation | 31 | 118 | intersection |
| Hy-Jay | 516868 | 6866354 | intersection lineation | 22 | 135 | anastomosinistralg intersection |
| Hy-Jay | 517239 | 6866241 | intersection lineation | 27 | 146 | intersection |
| JAY | 519479 | 6865892 | intersection lineation | 8 | 319 | |
| Jay - Bloom | 525689 | 6867208 | intersection lineation | 16 | 181 | on s0 |
| Jay - Bloom | 525689 | 6867208 | intersection lineation | 25 | 271 | on s0 |
| Jay - Bloom | 525752 | 6866964 | intersection lineation | 25 | 272 | intersection |
| Jay - Bloom | 525849 | 6866555 | intersection lineation | 12 | 250 | on s0 |
| Jay - Bloom | 525849 | 6866555 | intersection lineation | 17 | 220 | on s0 |
| Jay - Bloom | 526154 | 6865966 | intersection lineation | 6 | 127 | intersection |
| Jay - Reef | 521200 | 6867276 | intersection lineation | 12 | 110 | s0-s1 |
| Jay - Reef | 521210 | 6867308 | intersection lineation | 22 | 141 | |
| Jay - Reef | 521391 | 6866526 | intersection lineation | 11 | 295 | |
| Jay - Reef | 523646 | 6866613 | intersection lineation | 5 | 82 | s0/cl |
| Jay - Reef | 523646 | 6866613 | intersection lineation | 48 | 168 | cl/cl |
| Off-claim | 520269 | 6871953 | intersection lineation | 34 | 284 | intersection |

| | | | | | | |
|---|---|---|---|---|---|---|
| Off-claim | 520299 | 6871955 | intersection lineation | 21 | 273 | |
| Off-claim | 520299 | 6871955 | intersection lineation | 1 | 157 | l2 or l3 (cren) |
| RECEE | 515456 | 6877312 | intersection lineation | 24 | 163 | |
| RECEE | 515615 | 6877203 | intersection lineation | 21 | 133 | |
| Reef | 522862 | 6864154 | intersection lineation | 13 | 84 | intersection |
| Reef | 522862 | 6864154 | intersection lineation | 19 | 179 | intersection |
| Reef | 522862 | 6864154 | intersection lineation | 11 | 104 | s1-s2 |
| Reef | 522922 | 6864516 | intersection lineation | 11 | 132 | |
| Reef | 522971 | 6864788 | intersection lineation | 31 | 243 | intersection |
| Reef | 523026 | 6864393 | intersection lineation | 63 | 37 | |
| Reef | 523150 | 6864206 | intersection lineation | 19 | 142 | intersection |
| Reef | 523620 | 6864215 | intersection lineation | 19 | 298 | s0-s1? |
| Reef | 523620 | 6864215 | intersection lineation | 14 | 115 | s0-s2? |
| VBA | 485938 | 6894320 | intersection lineation | 48 | 322 | |
| VBA | 485964 | 6894373 | intersection lineation | 15 | 290 | |
| VBA | 486134 | 6894134 | intersection lineation | 10 | 291 | |
| VF | 542326 | 6839668 | intersection lineation | 12 | 118 | intersection s1?/bed |
| VF | 542336 | 6839658 | intersection lineation | 9 | 134 | intersection |
| VF | 542357 | 6839595 | intersection lineation | 9 | 124 | s0-s1 |
| VF | 542357 | 6839595 | intersection lineation | 15 | 317 | s1-s2 |
| VF | 542568 | 6839359 | intersection lineation | 4 | 133 | intersection |
| VF | 542650 | 6839822 | intersection lineation | 12 | 98 | intersection |
| VF | 542847 | 6838517 | intersection lineation | 21 | 332 | intersection |
| VF | 542939 | 6839217 | intersection lineation | 2 | 312 | intersection |
| VF | 543148 | 6836670 | intersection lineation | 14 | 296 | intersection |
| VF | 543264 | 6836666 | intersection lineation | 11 | 306 | intersection |
| VF | 543488 | 6838831 | intersection lineation | 11 | 114 | intersection |
| VF | 543503 | 6838905 | intersection lineation | 4 | 324 | s0-s1? |
| VF | 543503 | 6838905 | intersection lineation | 4 | 124 | s0-s2? |
| VF | 543503 | 6838905 | intersection lineation | 45 | 121 | s1-s2 |
| VF | 543515 | 6838982 | intersection lineation | 5 | 141 | intersection |
| Bloom | 526353 | 6862516 | slickenside | 6 | 289 | sinistral minor dextral |
| Bloom | 526602 | 6864026 | slickenside | 22 | 132 | normal dextral |
| Bloom | 526682 | 6861943 | slickenside | 58 | 297 | normal |
| Bloom | 526682 | 6861943 | slickenside | 67 | 324 | normal |
| Bloom | 526682 | 6861943 | slickenside | 40 | 188 | dextral |
| Bloom | 526724 | 6861815 | slickenside | 15 | 78 | sinistral |
| Bloom | 526829 | 6862232 | slickenside | 22 | 294 | sinistral |
| Bloom | 526840 | 6864045 | slickenside | 71 | 268 | normal |
| Bloom | 526895 | 6864048 | slickenside | 40 | 167 | dextral |
| Bloom | 527127 | 6864094 | slickenside | 72 | 318 | normal |
| Bloom | 527127 | 6864094 | slickenside | 38 | 209 | normal |
| Bloom | 527127 | 6864094 | slickenside | 2 | 358 | |
| Bloom | 527248 | 6864139 | slickenside | 25 | 201 | normal |
| Bloom | 527333 | 6864169 | slickenside | 25 | 162 | sinistral |
| Bloom | 527977 | 6860962 | slickenside | 5 | 336 | sinistral? |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 528691 | 6861022 | slickenside | 31 | 63 | sinistral |
| Bloom | 528759 | 6861052 | slickenside | 23 | 104 | normal |
| Bloom | 529159 | 6858735 | slickenside | 13 | 202 | sinistral |
| Bloom | 529956 | 6859207 | slickenside | 31 | 43 | |
| Bloom | 530693 | 6859280 | slickenside | 32 | 110 | dextral |
| Bloom | 530799 | 6859303 | slickenside | 12 | 136 | sinistral? |
| Bloom | 530824 | 6859318 | slickenside | 48 | 64 | dextral |
| Hy | 516265 | 6866850 | slickenside | 19 | 123 | sinistral |
| Hy | 516279 | 6866859 | slickenside | 26 | 125 | dextral |
| Hy | 516774 | 6867106 | slickenside | 15 | 330 | sinistral |
| Hy | 516870 | 6867127 | slickenside | 4 | 168 | sinistral |
| Hy | 517150 | 6865853 | slickenside | 16 | 138 | sinistral |
| Hy | 517150 | 6865853 | slickenside | 23 | 339 | dextral |
| Hy | 517150 | 6865853 | slickenside | 47 | 55 | sinistral normal |
| Hy | 517150 | 6865853 | slickenside | 8 | 131 | dextral? |
| Hy | 517193 | 6865823 | slickenside | 27 | 154 | sinistral/normal |
| Hy | 517193 | 6865823 | slickenside | 23 | 153 | normal/sinistral |
| HY | 517239 | 6867263 | slickenside | 28 | 154 | |
| Hy-Jay | 516833 | 6866444 | slickenside | 45 | 279 | normal |
| Hy-Jay | 516893 | 6866511 | slickenside | 46 | 199 | sinistral |
| Hy-Jay | 516956 | 6866338 | slickenside | 42 | 310 | sinistral |
| Hy-Jay | 516974 | 6866305 | slickenside | 25 | 152 | sinistral |
| Hy-Jay | 516974 | 6866305 | slickenside | 48 | 352 | sinistral |
| Jay - Reef | 521422 | 6866492 | slickenside | 4 | 184 | sinistral |
| Jay - Reef | 521511 | 6866436 | slickenside | 5 | 42 | sinistral |
| Jay - Reef | 521511 | 6866436 | slickenside | 9 | 230 | sinistral |
| Jay - Reef | 521651 | 6866450 | slickenside | 31 | 20 | dextral? |
| Jay - Reef | 521651 | 6866450 | slickenside | 25 | 308 | sinistral |
| Jay - Reef | 522045 | 6866182 | slickenside | 39 | 138 | dextral-reverse |
| Jay - Reef | 522470 | 6865954 | slickenside | 52 | 288 | normal |
| Jay - Reef | 522470 | 6865954 | slickenside | 44 | 300 | normal |
| Jay - Reef | 522470 | 6865954 | slickenside | 50 | 293 | normal |
| Jay - Reef | 522491 | 6866084 | slickenside | 43 | 294 | normal |
| Jay - Reef | 522491 | 6866084 | slickenside | 46 | 276 | normal |
| Jay - Reef | 522904 | 6865281 | slickenside | 19 | 318 | sinistral |
| Jay - Reef | 522925 | 6865238 | slickenside | 36 | 330 | sinistral |
| Jay - Reef | 522951 | 6865267 | slickenside | 80 | 223 | normal |
| Jay - Reef | 523707 | 6867295 | slickenside | 35 | 159 | dextral |
| Jay - Reef | 523710 | 6867565 | slickenside | 12 | 279 | sinistral |
| Jay - Reef | 523710 | 6867565 | slickenside | 12 | 229 | sinistral |
| Jay - Reef | 523741 | 6867655 | slickenside | 21 | 124 | re |
| Jay - Reef | 523741 | 6867655 | slickenside | 44 | 154 | normal |
| Jay - Reef | 523838 | 6868325 | slickenside | 66 | 331 | |
| Off-claim | 519902 | 6871876 | slickenside | 2 | 88 | sinistral |
| Reef | 521655 | 6864384 | slickenside | 19 | 198 | sinistral |
| Reef | 521655 | 6864384 | slickenside | 44 | 339 | sinistral |

| | | | | | | |
|---|---|---|---|---|---|---|
| Reef | 522320 | 6863868 | slickenside | 66 | 200 | normal |
| Reef | 522320 | 6863868 | slickenside | 51 | 153 | dextral |
| Reef | 522320 | 6863868 | slickenside | 47 | 143 | dextral |
| Reef | 522348 | 6864629 | slickenside | 55 | 192 | sinistral reverse |
| Reef | 522669 | 6864869 | slickenside | 56 | 310 | reverse sinistral |
| Reef | 522735 | 6864130 | slickenside | 40 | 0 | sinistral |
| Reef | 522735 | 6864130 | slickenside | 63 | 50 | reverse |
| Reef | 522764 | 6864832 | slickenside | 25 | 298 | reverse sinistral |
| Reef | 522764 | 6864832 | slickenside | 5 | 318 | reverse dextral |
| Reef | 522781 | 6864860 | slickenside | 36 | 12 | dextral |
| Reef | 522879 | 6864860 | slickenside | 42 | 324 | sinistral |
| Reef | 522933 | 6864786 | slickenside | 54 | 306 | sinistral reverse |
| Reef | 522978 | 6865069 | slickenside | 6 | 36 | dextral |
| Reef | 523008 | 6864867 | slickenside | 60 | 309 | normal |
| Reef | 523040 | 6864992 | slickenside | 31 | 172 | sinistral |
| Reef | 523040 | 6864992 | slickenside | 31 | 351 | sinistral |
| Reef | 523040 | 6864992 | slickenside | 45 | 125 | |
| Reef | 523044 | 6865017 | slickenside | 36 | 183 | dextral |
| Reef | 523052 | 6864205 | slickenside | 26 | 309 | |
| Reef | 523088 | 6864927 | slickenside | 44 | 236 | dextral normal strong |
| Reef | 523088 | 6864927 | slickenside | 32 | 56 | sinistral normal weak |
| Reef | 523088 | 6864932 | slickenside | 46 | 19 | dextral/reverse |
| Reef | 523092 | 6864783 | slickenside | 48 | 154 | normal |
| Reef | 523092 | 6864783 | slickenside | 12 | 221 | |
| Reef | 523092 | 6864968 | slickenside | 47 | 295 | dextral |
| Reef | 523094 | 6864966 | slickenside | 50 | 239 | dextral |
| Reef | 523099 | 6864964 | slickenside | 32 | 197 | sinistral |
| Reef | 523130 | 6864928 | slickenside | 33 | 142 | sinistral |
| Reef | 523139 | 6864740 | slickenside | 35 | 237 | dextral |
| Reef | 523140 | 6864722 | slickenside | 46 | 232 | sinistral reverse |
| Reef | 523140 | 6864722 | slickenside | 1 | 114 | dextral |
| Reef | 523140 | 6864722 | slickenside | 15 | 64 | dextral |
| VF | 542336 | 6839658 | slickenside | 47 | 128 | normal |
| VF | 542345 | 6839648 | slickenside | 21 | 18 | dextral normal |
| VF | 542604 | 6839688 | slickenside | 44 | 331 | normal |
| VF | 542954 | 6838578 | slickenside | 3 | 324 | sinistral |
| VF | 543131 | 6836808 | slickenside | 55 | 182 | dextral reverse |
| VF | 543301 | 6838674 | slickenside | 11 | 300 | dextral |
| VF | 543432 | 6838690 | slickenside | 15 | 10 | dextral |
| VF | 543515 | 6838982 | slickenside | 26 | 90 | sinistral? |
| VM | 501676 | 6886203 | slickenside | 45 | 1 | |
| VM | 503345 | 6885136 | slickenside | 29 | 117 | |
| Bloom | 529498 | 6861140 | slump surface | 16 | 277 | |
| Bloom | 526264 | 6862664 | vein | 64 | 330 | quartz |
| Bloom | 527193 | 6864128 | vein | 84 | 203 | quartz chlorite |
| Bloom | 527887 | 6860970 | vein | 65 | 343 | quartz array |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bloom | 530824 | 6859318 | vein | 61 | 331 | |
| Hy | 516447 | 6866205 | vein | 44 | 19 | quartz array |
| Hy | 516505 | 6867131 | vein | 75 | 254 | quartz |
| HY | 516984 | 6836282 | vein | 85 | 158 | |
| HY | 516984 | 6836282 | vein | 68 | 120 | |
| HY | 517063 | 6865498 | vein | 82 | 314 | |
| HY | 519080 | 6865899 | vein | 74 | 141 | |
| HY | 519094 | 6865875 | vein | 74 | 141 | |
| JAY | 519336 | 6865892 | vein | 79 | 158 | |
| JAY | 519360 | 6865892 | vein | 79 | 143 | |
| JAY | 519360 | 6865892 | vein | 34 | 48 | |
| Jay - Reef | 521210 | 6867308 | vein | 60 | 20 | quartz array |
| Jay - Reef | 521422 | 6866492 | vein | 82 | 195 | quartz array |
| Jay - Reef | 522045 | 6866182 | vein | 59 | 185 | |
| Jay - Reef | 523710 | 6867565 | vein | 38 | 255 | quartz array |
| Jay - Reef | 523741 | 6867655 | vein | 76 | 52 | quartz array |
| Off-claim | 520299 | 6871955 | vein | 62 | 286 | quartz 1m |
| RECEE | 515623 | 6877189 | vein | 76 | 323 | |
| RECEE | 516962 | 6879135 | vein | 53 | 15 | |
| Reef | 521391 | 6864457 | vein | 65 | 214 | quartz array |
| Reef | 521391 | 6864457 | vein | 70 | 353 | quartz array |
| Reef | 521921 | 6864017 | vein | 37 | 63 | quartz array |
| Reef | 522010 | 6864819 | vein | 36 | 233 | quartz array |
| Reef | 522512 | 6863983 | vein | 39 | 42 | quartz |
| Reef | 522774 | 6864168 | vein | 52 | 52 | quartz |
| Reef | 523045 | 6864304 | vein | 54 | 110 | quartz array |
| Reef | 523052 | 6864205 | vein | 70 | 250 | quartz array |
| Reef | 523620 | 6864215 | vein | 50 | 223 | quartz array |
| VBA | 485566 | 6893285 | vein | 90 | 70 | |
| VBA | 485989 | 6894405 | vein | 83 | 140 | |
| VBA | 485989 | 6894405 | vein | 75 | 140 | |
| VBA | 486481 | 6894510 | vein | 90 | 86 | |
| VBA | 486481 | 6894510 | vein | 62 | 167 | |
| VBA | 486551 | 6896011 | vein | 59 | 152 | |
| VBA | 486551 | 6896011 | vein | 82 | 131 | |
| VBA | 486600 | 6896103 | vein | 90 | 107 | |
| VBA | 486631 | 6894375 | vein | 82 | 200 | |
| VBA | 486694 | 6894623 | vein | 58 | 186 | |
| VBA | 486709 | 6894672 | vein | 62 | 100 | |
| VBA | 486723 | 6894344 | vein | 36 | 114 | |
| VF | 541710 | 6836975 | vein | 80 | 286 | |
| VF | 542345 | 6839648 | vein | 59 | 347 | quartz array |
| VF | 542568 | 6839359 | vein | 76 | 156 | quartz rare 1 cm |
| VF | 542944 | 6838568 | vein | 87 | 191 | quartz |
| VF | 543012 | 6836619 | vein | 41 | 12 | |
| VF | 543125 | 6836744 | vein | 75 | 194 | quartz abundant |

| | | | | | | |
|---|---|---|---|---|---|---|
| VF | 543125 | 6836744 | vein | 84 | 153 | later cross-cutting |
| VF | 543128 | 6836660 | vein | 76 | 157 | quartz array |
| VF | 543166 | 6839243 | vein | 74 | 180 | thickish quartz |
| VF | 543264 | 6836666 | vein | 52 | 235 | // to bedding |
| VF | 543462 | 6838758 | vein | 69 | 50 | en echelon |
| VF | 543515 | 6838982 | vein | 76 | 167 | quartz array |
| VF | 543515 | 6838982 | vein | 25 | 234 | 25 cm quartz |
| VF | 544154 | 6837404 | vein | 80 | 278 | |
| VF | 544392 | 6837849 | vein | 76 | 340 | |
| VF | 544568 | 6838643 | vein | 82 | 315 | |
| VM | 499595 | 6884179 | vein | 52 | 309 | |
| VM | 499595 | 6884179 | vein | 90 | 54 | |
| VM | 500414 | 6887429 | vein | 59 | 123 | |
| VM | 500445 | 6884444 | vein | 74 | 196 | |
| VM | 500570 | 6884435 | vein | 90 | 122 | vn’s 5-40cm x 5-25m over 10m area |
| VM | 501473 | 6885327 | vein | 72 | 2 | |
| VM | 501524 | 6885557 | vein | 80 | 21 | |
| VM | 501676 | 6886203 | vein | 40 | 120 | |
| VM | 501676 | 6886203 | vein | 31 | 293 | |
| VM | 503345 | 6885136 | vein | 61 | 117 | Slicks noted in plane of vein |
| VM | 503349 | 6885143 | vein | 82 | 279 | Qt Carb Chlorite vein with trace galena & Py in vuggy 2ndary vein |
| VM | 503349 | 6885143 | vein | 65 | 54 | Qt Carb Chlorite vein with trace galena & Py in vuggy 2ndary vein |
| VM | 503360 | 6885159 | vein | 80 | 70 | qt vn swarm |

# Report on a Helicopter-Borne Magnetic Gradiometer, VLF-EM & Radiometric Survey



**Project Name:** VF & HJR
**Project Number:** 2011-001

**Client:** BEARING RESOURCES LTD.

**Contractor:** CMG Airborne

**Date:** June 16th, 2011

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## 1.0 Introduction

Canadian Mining Geophysics Ltd. (CMG) has flown a helicopter-borne magnetic gradiometer, VLF-EM & radiometric survey for Bearing Resources Ltd. in east-central Yukon.

The survey, consisting of a total of 1240 line-kilometers (l-km) over two discrete survey areas was flown May 21st to the 24th, 2010.

The survey was flown using the WGS-84 Datum and UTM Projection, Zone 9 North. The final database was converted to the NAD-83 Datum and UTM Projection, Zone 9 North using Geosoft Oasis Montaj. All map products were processed and are presented in the NAD-83 Datum.

The CMG magnetic gradiometer consists of three (3) potassium magnetometer sensors separated approximately three (3) meters (m) apart. Measured gradients include the vertical and transverse (cross-line) horizontal. The parallel (in-line) horizontal gradient is calculated and is possible because of the close separation of the magnetometer readings (~3 m) along the flight line.

In addition to the magnetic, a RSX-5 digital airborne gamma-ray spectrometer data has been collected for the detection and measurement of low-level radiation from both naturally occurring and man-made sources. The spectrometer was built by and purchased from Radiation Solutions Inc. consisting of four downward looking crystals and one upward.

The CMG system also records two VLF-EM measurements from approximately orthogonal VLF transmitting stations – normally Cutler, Maine and Jim Creek, Seattle, both in the United States.

This report describes the Property in Section 2.0, Survey Procedures & Personnel in Section 3.0, Equipment in Section 4.0, Deliverables in Section 5.0, Processing in Section 6.0, Results in Section 7.0, Interpretation in Section 8.0 and Conclusions and Recommendations in Sections 9.0 and 10.0 respectively.

Appendix A contains a list of the survey outline points in NAD-83, Zone 9 N.

Appendix B contains a list of the digital database columns, the database of which is included with this report to Bearing Resources Ltd.

## 2.0 Property Description

The VF and HY-Jay-Reef (HJR) properties are located approximately 200 kilometres north of Watson Lake (Figure 1), in east-central Yukon. The survey polygon covers a number of mineral claims which are contiguous (Figure 2). The blocks are centered at latitude 61° 43' 47" & longitude 128° 22' 11". The areas are on rugged terrain with elevations ranging from 1,000 to 2,000 meters.

The base of operations was the Cantung Mine Site, across the North West Territories border. The mine is located ~20 km east of the HJR survey area and ~30 km north of the VF survey area. The aircraft was fueled out of fuel drums stationed at the mine site air strip.

## 3.0 Survey Procedures & Personnel

The survey was flown according to the specifications outlined in the project contract. The survey lines (as flown) were trimmed within a Geosoft database to the survey polygon plus 100m. This resulted in the number of l-km as described in Table 2.

The nominal bird height for the survey was 60 m. In some cases the bird height was higher, especially in areas where the rough terrain made it difficult to climb and descend quickly. Over flatter areas, a bird height of 40 m was easily achieved.

The survey speed was approximately 100 km/hr except in rough terrain where climbing in altitude would slow the system. The sampling frequency of all recorded data, including GPS, occurred at a 10 Hz. This resulted in a lateral distance between readings of approximately 2.5 – 3.0 m.

Real-time, helicopter navigation was possible using the AgNav system. GPS sensor positioning was provided using a Novatel 10-channel receiver set to the CD-GPS mode (western zone). This mode is considered the most accurate in Canada and provides real-time accuracy of ~ 1-5 m. The GPS antenna was installed on top of the gradiometer bird, near the center (length-wise) of the housing.

A radar altimeter was connected to the skid gear of the helicopter and provided a measurement of distance above ground for the pilot to navigate by. Inside the helicopter the radar altimeter had a digital readout attached to the dash board.

Approximately one hour before the survey began, the base station magnetometer initialized and a VLF sensor attached. All transmitting VLF stations were scanned and the two stations with the strongest signals selected. The selected stations were then relayed to the operator who set them in the helicopter data system for recording during flight. The base station was turned off after the crew landed and contacted the processor.

(Table 1 provides a listing of all personnel involved in the project, their respective positions and a brief description of their roles and responsibilities throughout the survey.

Preliminary and final data processing was carried out by a third party consultant, Sean Scrivens P.Geo. of Gemtec Ltd.

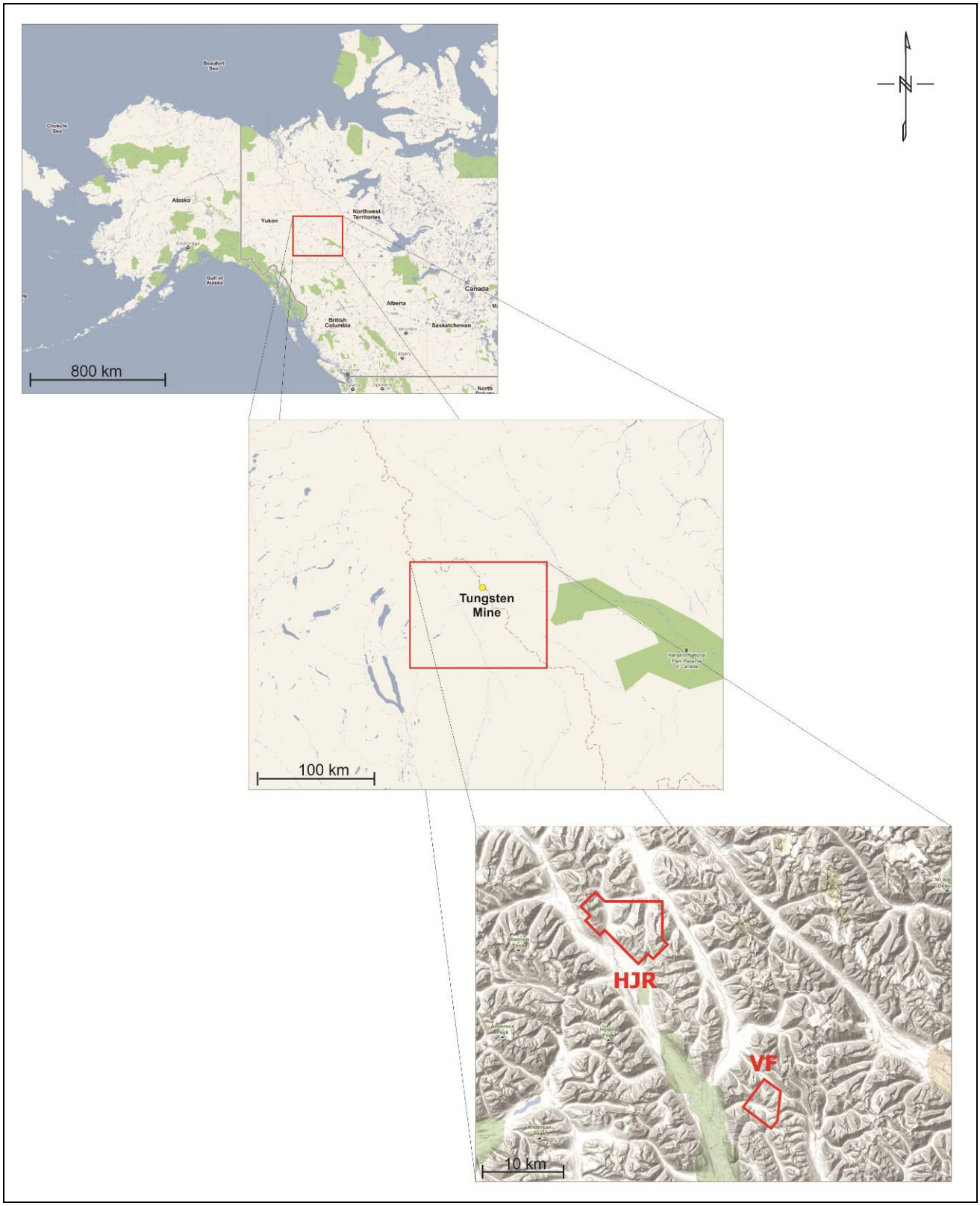



**Figure 1 - Regional location of the VF and HJR survey areas.**

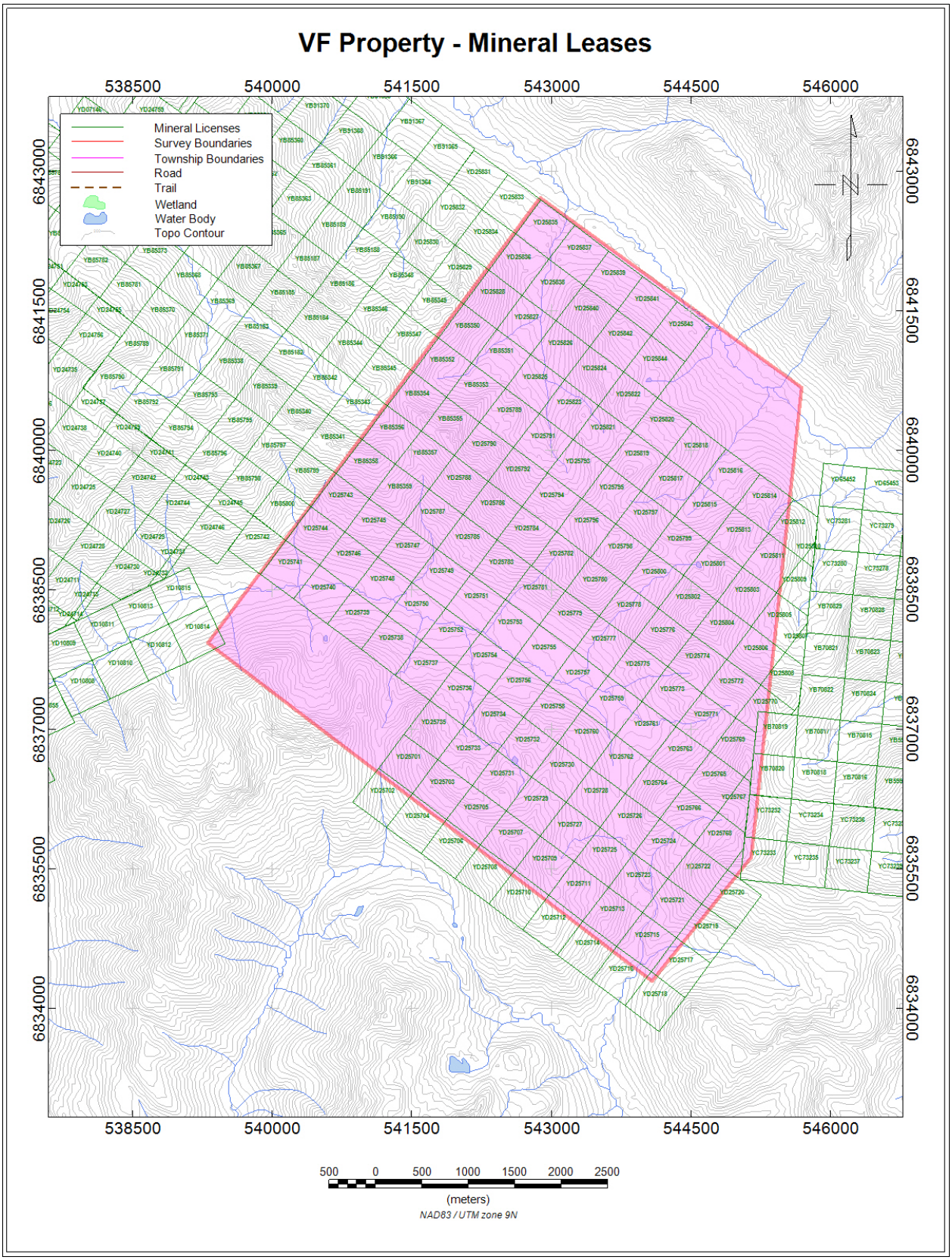



**Figure 2 – VF property with topographic contours and mineral claims.**

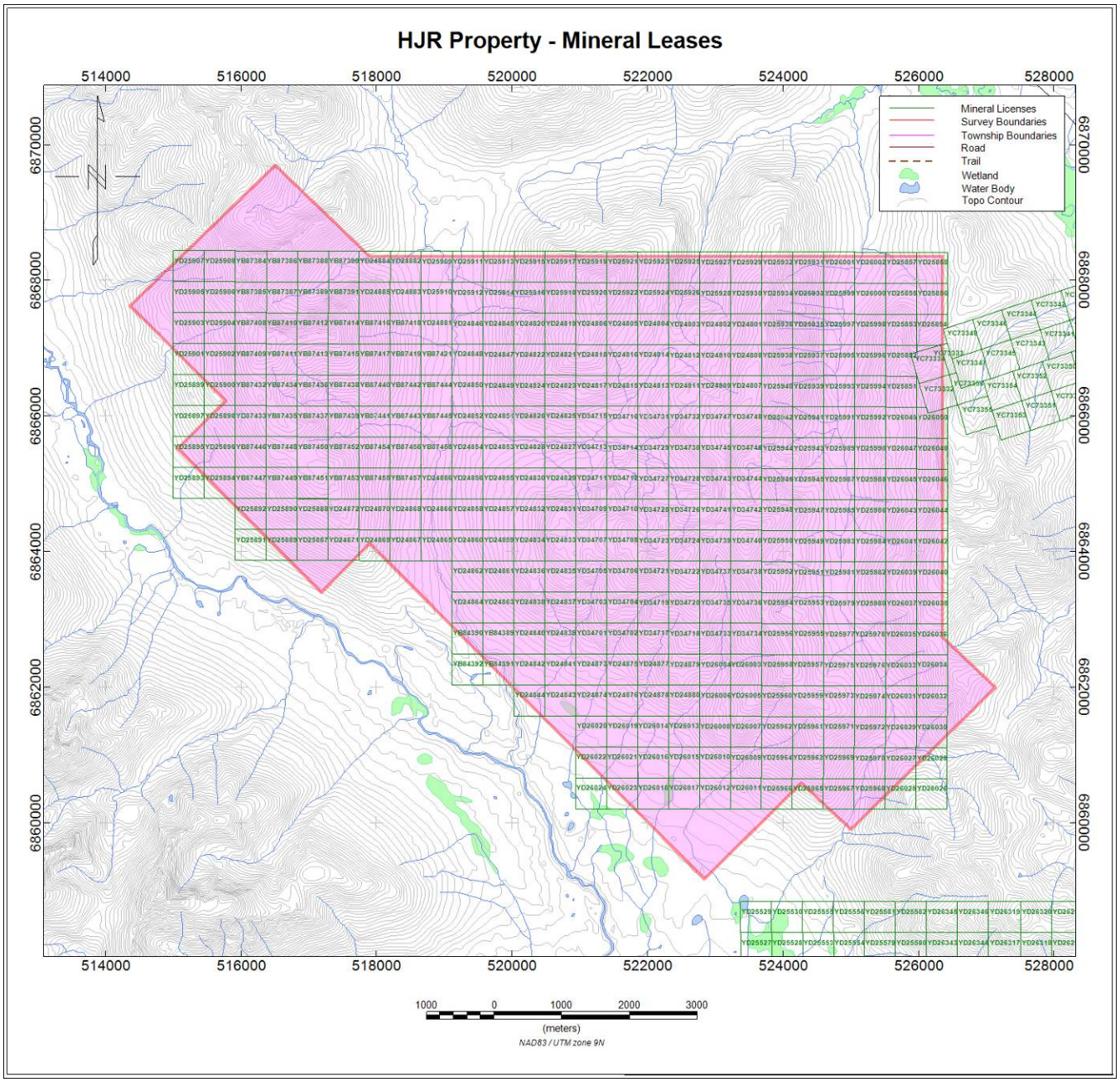



**Figure 3 – HJR property with topographic contours and mineral claims.**

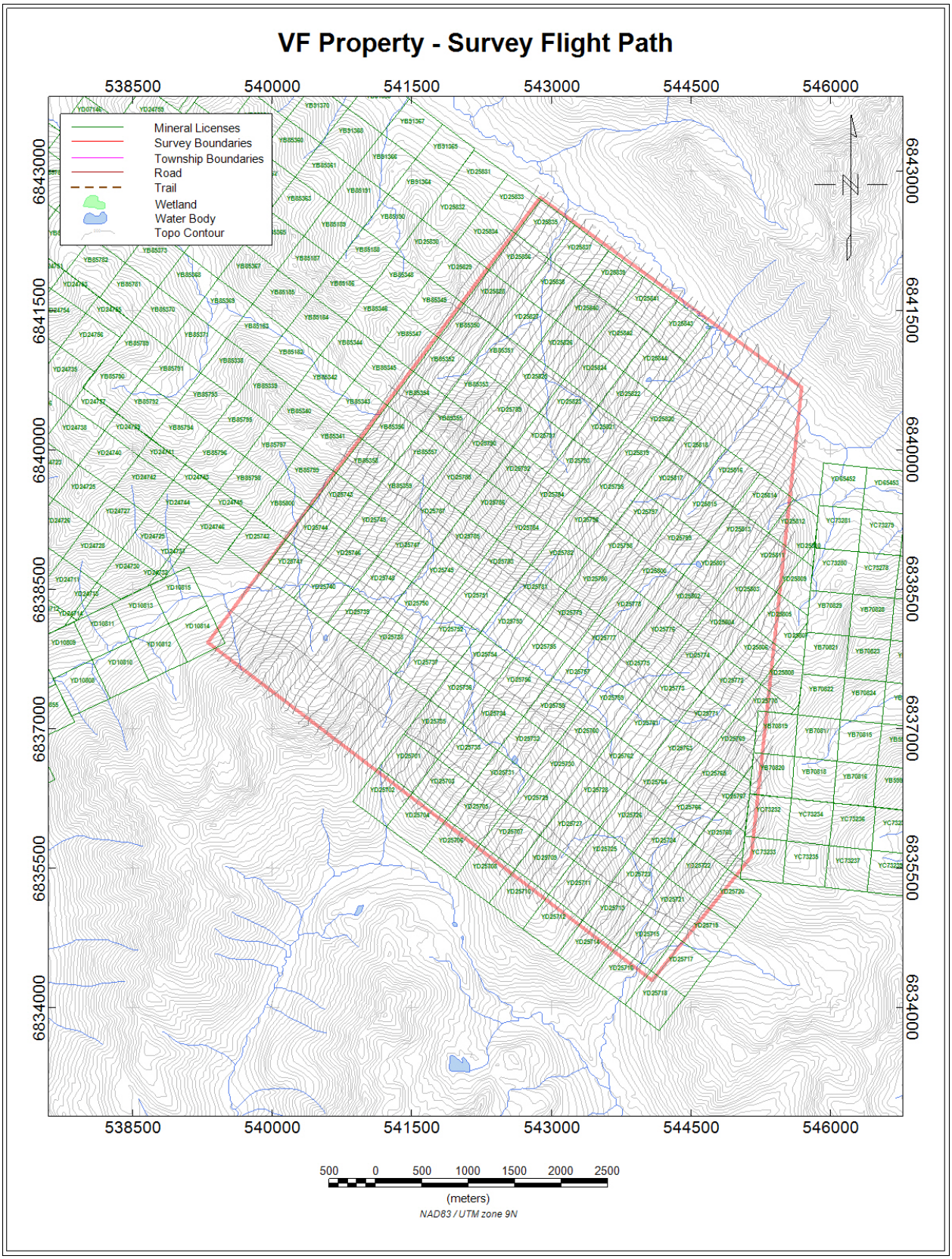



**Figure 4 - Flight path & survey outline of the VF survey area.**

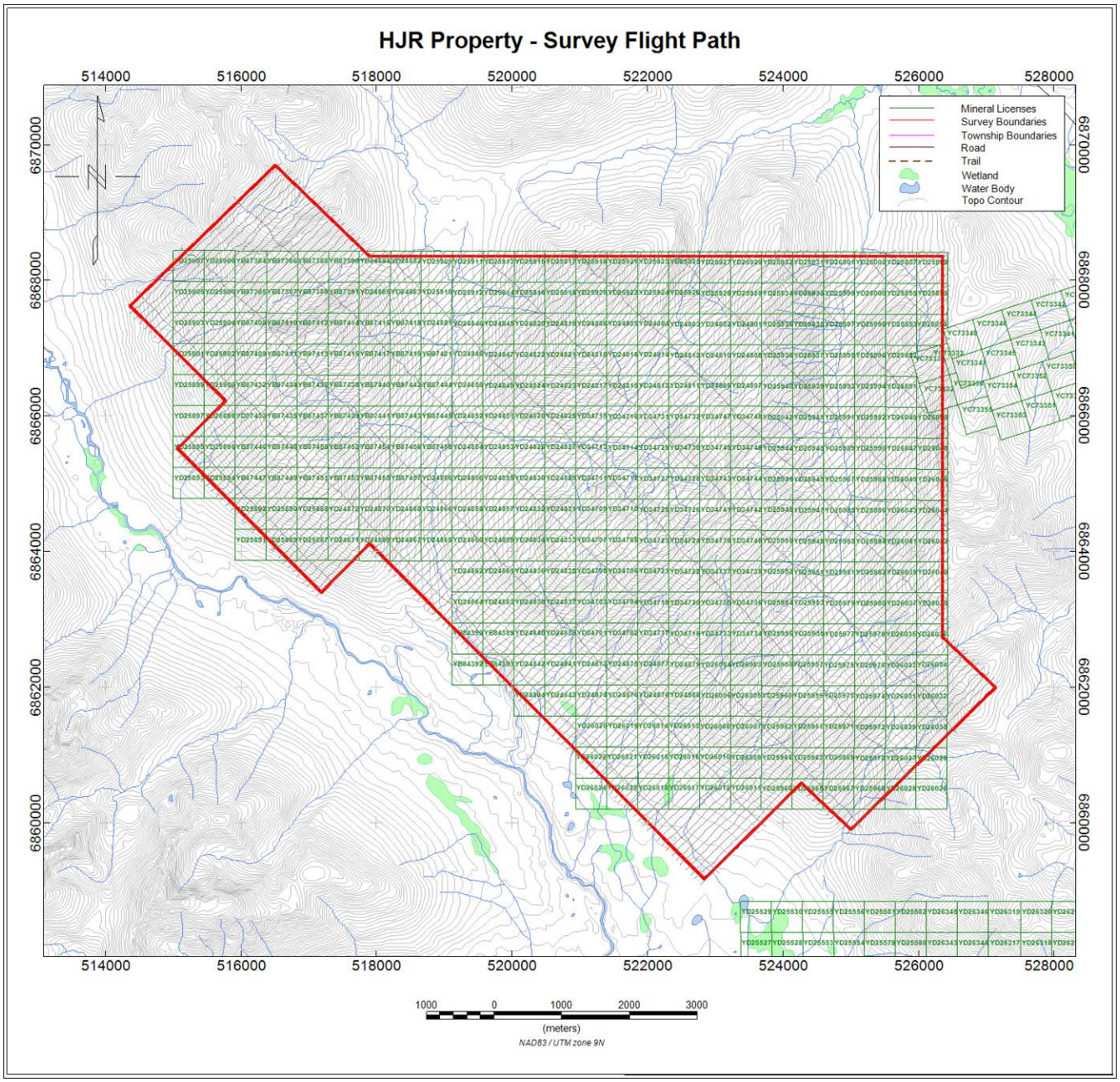



**Figure 5 - Flight path & survey outline of the HJR survey area.**

**Table 1 - List of Survey Personnel**

| Individual | Position | Description |
|---|---|---|
| Germain Ratte | Pilot | Flew the helicopter. |
| Mike Bedford | Aircraft Mechanic | Ensure helicopter maintenance is performed. |
| Dan LeBlanc | Operator | In-flight quality control & maintenance of the system and ancillary equipment. |
| Sean Scrivens | Data Processing | Off-site data processing. |
| Sean Scrivens | Final Processing & Reporting | Integration of field data into Geosoft database and generation of grids, profiles, map products and logistics report write-up. |
| Sean Scrivens | Interpretation | Final review of data interpretation write-up and recommendations |
| David Tupper | Client Representative | Vice President of Exploration with Bearing Resources Ltd. |

**Table 2 - Survey Area Specifications**

| Area | Line Direction | Line Spacing | Number of km |
|---|---|---|---|
| HJR | N35°E | 100 m lines | 795 km |
| | N125°E | 1000 m lines | 82 km |
| VF | N35°E | 100 m lines | 330 km |
| | N125°E | 1000 m lines | 32 km |

# 4.0 Equipment

## 4.1 The Helicopter

The helicopter used was a Eurocopter AStar Aerospatial 350 FX2 with registration C-GOFX, owned and operated by Abitibi Helicopters. An AStar B2 is shown in Figure 6.

Installation of the ancillary equipment was performed at VIH's hangar in Prince George, BC. Two short test flights were performed to ensure the system was operational. The bird was then towed to the Princeton, BC region where surveying commenced immediately.

The gradiometer system was attached to the helicopter by a 30 m long tow cable. The tow cable contains a Kevlar strength member and a weak link. The tow cable also contains the power and signal wires.




**Figure 6 - The survey used an AStar FX2 shown above.**

## 4.2 The Gradiometer

The CMG magnetic gradiometer (Figure 7) is based on GEM System potassium magnetometers. These sensors are preferred over the cesium optically pumped sensors because they have a lower effective noise level (better for gradient measurements) and a much lower heading error (less absolute correction required from line to line).

Three sensors are also preferred over the normal four sensor arrays featured on systems that measure all three magnetic gradients. CMG measures the vertical gradient from the top sensor and the average of the two bottom sensors located 2.95 m apart and the cross-line (or transverse) gradient from the two side sensors located 3.45 m apart. The in-line gradient is actually calculated from successive measurements of the average of the two side sensors given the fact that measurements along the flight line are acquired at approximately the same distance as the sensor separation of the bird.

Computing the in-line gradient as opposed to measuring it directly using an additional sensor has some important advantages. Firstly, and most importantly, by having only three magnetometer sensors, they can all be placed at the front of the bird and the magnetically noisy electronics (including the tow cable) can all be placed at the back of the bird so that the distance between sensors and electronics is

maximized. Secondly, the computed in-line measurement has effectively no heading error (the readings are measured from the same sensors and are constant across such a short distance), and is relatively free from diurnal variations in the magnetic field, given the short time interval (0.1 sec) between readings.



**Figure 7 - The CMG tri-axial magnetic gradiometer.**

**Table 3 - Specifications for the CMG Magnetometer Section**

| | |
|---|---|
| Sensitivity: | +/- 0.001 nT |
| Absolute accuracy: | +/- 0.5 nT over operating range maximum |
| Sample rate: | 10 Hz (0.1 sec) |
| Dynamic range: | 30,000 to 90,000 nT, 5,000 nT/m gradient |
| Heading error: | +/-0.15 nT maximum for all sensor orientations |
| Operating temperature: | -32$^{o}$ C to +40$^{o}$ C normally |
| Tuning method: | Dynamic re-starting at 30,000 nT |
| Volume of sensor: | 70 mm$^{3}$ |

The magnetometer data is collected at a rate of 10 Hz. The frequency from each sensor is counted separately within the digital electronic section located approximately 4.5 m away from the sensors in the middle of the bird. The combined data stream (including mag, gps, vlf and radar information) is

then sent up the tow cable to the data acquisition system in the helicopter. Specifications for the magnetometer sensors are given in Table 3.

### 4.3 The Magnetometer Bird

The magnetometer frame is constructed from fiberglass and the sensor housings are made from Kevlar. The horizontal displacement between magnetometer sensors is 3.45 m. The vertical separation is 2.95 m. The length of the bird is 5.3 m and weighs approximately 180 kg. The bird can be separated into two sections and the magnetometer arms removed for easy transportation.

### 4.4 The Spectrometer

The revolutionary RSX-5 digital airborne gamma-ray spectrometer (Figure 8) is designed for the detection and measurement of low-level radiation from both naturally occurring and man-made sources. The spectrometer was built by and purchased from Radiation Solutions Inc. The RSX-5 is a fully integrated system that includes an individual Advanced Digital Spectrometer (ADS) for each crystal within the box. The ADS records high resolution, 1024 channel, digital data of naturally occurring radioactive elements.




**Figure 8 - Radiation Solutions RSX-5 Gamma Ray Spectrometer.**

Key Features:

- 1024 channel resolution
- Individual crystal ADC and processing
- No distortion as each crystal output is fully linearized permitting multi-crystal summing without distortion
- Effectively no signal degradation
- No radioactive test sources required for system setup or system performance validation
- Extremely wide dynamic range
- High level of self-diagnostics
- Worldwide usability, fully multi-peak automatic gain stabilization on natural isotopes
- Data compression - individual crystal spectral data storage can be achieved with no effective increase in data volume

The recorded spectrometer data was transferred directly into the acquisition computer via high speed USB. The data was processed independently and merged with the magnetic data using GPS time stamp.

### 4.5 The VLF-EM System

The CMG gradiometer contains two VLF (very low frequency) EM receivers that can be tuned to any of the operational VLF transmitters worldwide. In general, two orthogonal stations are chosen such as Cutler Maine (24.0 kHz) and Jim Creek Seattle (24.8 kHz).

Measurements of the in-phase, quadrature-phase and total field are taken at a 10 Hz sample rate. The in-phase measurement is easily affected by variations in the sensor orientation and may not be useful in areas of rugged topography or where bird movement is significant. The quadrature-phase measurements are dependent on bird direction so alternating lines are sign inverted. The results can be gridded and provide the locations of weak conductors, given the high relative frequency of the transmitter station.

The measured VLF components are converted into a digital signal and then appended to the data string in the main magnetometer console. This entire data string is then transmitted up the tow cable to the data acquisition system in the helicopter.

### 4.6 The Magnetometer Base Station

A GSM-19 base station was used to record variations in the earth's magnetic field and referenced into the master database using GPS time stamp. This system is based on the Overhauser principle and records total magnetic field to within +/- 0.02 nT at a one (1) second time interval.

The GSM-19 is portable and can be placed in a remote location without the need for extra batteries or cabling. On this survey the unit was positioned at a magnetically quiet location at the mine site.

### 4.7 The Radar Altimeter

The CMG system uses two radar altimeters, both modulated frequency radio versions manufactured by Free Flight. The radar altimeter in the helicopter is used by the pilot to estimate terrain. The second altimeter, mounted directly on the bird, provides an accurate measurement of bird height. The approximate accuracy of these devices is +/- 2 m.

### 4.8 GPS Navigation

CMG uses the AgNav Incorporated (AgNav-2 version) GPS navigation system for real-time locating while surveying. The AgNav unit is connected to a Tee-Jet GPS system receiver that uses the WAAS system – considered to be a standard in aircraft navigation and accurate throughout a large portion of Canada.

### 4.9 Data Acquisition System

Data is collected by the main magnetometer console in the gradiometer bird and includes GPS timing and positional information, magnetometer readings, VLF readings, and radar altimeter. This information is digitized inside the console, all at a rate of 10 Hz. The resulting data string is transmitted in digital format along the tow cable into a laptop computer inside the helicopter that is running the GEM Systems DAS software. All data is stored on the hard-drive in ASCII format using a simple column by row format.

## 5.0 Deliverables

From the survey, a number of deliverable products are generated including a set of hard-copy maps, a final report (this document), and a digital archive of the data with digital copies of map products.

### 5.1 Hardcopy Products

Hardcopy map products are provided at 1:20,000 scale and include a topographic back-drop. Each map contains a scale bar, north arrow, coordinate outlines (easting & northing), flight lines with line number and direction and geophysical data.

The survey block consisted of 1 map plate customized to fit within the boundaries of a 42” plotter. Each map contains a technical summary of specifications and a colour bar that describes the geophysical data.

### 5.2 Digital Products

The geophysical data is provided in a Geosoft GDB database. At the Client’s request an xyz archive of the same database in ASCII format can also be provided.

The contents of the database are described more fully in Appendix B. A copy of the GDB database is kept by CMG as a courtesy to the Client but can be deleted at the Client's request.

In addition to the GDB file database, copies of all geophysical grids are provided as GRD files (also in Geosoft format). The cell size used for gridding is nominally 1/5 of the flight line spacing.

Map files in Geosoft MAP format are also provided as deliverables. The Client can use a free viewer available from Geosoft Limited (www.geosoft.com) for viewing and plotting map files, but not for editing or changing them.

## 5.3 Delivered Products

The following map products were delivered in hard-copy and digital (Geosoft Map & PDF) format. Each map product was colour shaded on a topographic backdrop with flight lines and contours.

- Total magnetic intensity (TMI)
- Magnetic Analytical signal (ASIG)
- Measured in-line horizontal field derivative (MI-HMG)
- Radiometrics corrected total count (GRS-TC)
- Radiometrics Thorium-Potassium ratio (GRS_Th-K)

The following map products were delivered in digital (Geosoft Map & PDF) format only (in addition to those above). Each map product was colour shaded on a topographic backdrop with flight lines and contours.

- Measured cross-line horizontal magnetic field derivative (MC-HMG)
- Measured in-line horizontal magnetic field derivative (MI-HMG)
- Radiometrics percent Potassium (GRS-K)
- Radiometrics equivalent Uranium (GRS-U)
- Radiometrics equivalent Thorium (GRS-Th)
- Radiometrics Uranium-Potassium ratio (GRS_U-K)
- Radiometrics Uranium-Thorium ratio (GRS_U-Th)

The following grid products were delivered in digital (Geosoft GRD) format only (in addition to those above).

- Digital Terrain Model (DTM)

The following additional products were delivered in digital format:

- Copy of this report in .pdf format
- Geosoft database GDB of all collected data
- Geosoft and Acrobat software utilities for data viewing

## 6.0 Processing

Preliminary data processing is performed using CMG proprietary methods. This includes calculation of the magnetic gradients from the three sensors (MAG1, MAG2 and MAG3), digital terrain model, bird height, and merging of the base station magnetic data (sampled at 1.0 sec) with the survey data (sampled at 0.1 sec).

### 6.1 Base Maps

All base maps are presented in the Datum and Projection defined in the Introduction of this report. All map coordinates refer to projected easting and northing in meters. All maps contain the actual flight paths as recorded during surveying and have been clipped to the survey polygon with a 100m extension.

The topographic vector data has been obtained from Natural Resources Canada.

Topographic shading has been derived from 90 m resolution digital elevation model (DEM) data provided by the NASA Shuttle Radar Topography Mission (SRTM) and shaded at an inclination and declination of 45º.

### 6.2 Flight Path

The helicopter used “ideal” flight lines as guidance during surveying as displayed on the real-time AgNav system with the aid of a helicopter mounted GPS. A separate GPS mounted to the bird was used to record actual position. The sample rate of the GPS was 10 Hz, the same as all the other data collected in flight.

The GPS outputted both latitude and longitude values and easting and northing values, all in the WGS84 Datum, using the UTM Projection Zone 9 North. There has been no interpolation of the positional data, nor has there been any filtering of the data.

## 6.3 Terrain Clearance

Two radar altimeters recorded data during the course of the survey: one located on the skid gear of the helicopter and the other on the base of the bird. The helicopter mounted radar altimeter was used to maintain terrain clearance by the pilot. A digital indicator was mounted on the dashboard of the helicopter. This work was performed by a licensed helicopter engineer provided by VIH.

The digital terrain model (DTM) was derived by subtracting the bird mounted radar altimeter value from the GPS z position (mean point above sea level). The DTM values were further corrected for a lag value of 1.0 sec. The DTM values are to be considered relative as they have not been tied into any surveyed geodetic point.

## 6.4 Magnetic Data Processing

The magnetic data were collected without any lag time, therefore a lag time correction was not applied. In areas where one magnetometer sensor has become unlocked, the total magnetic field values for that sensor were replaced with a dummy value ("*"). The lock and heater settings are both used for QC measures so it is easy to find the areas where one or more sensors lost lock or were not heating correctly. Locking errors occur almost entirely on turn-arounds.

The raw ASCII survey data files and basemag ASCII data files are imported into separate Geosoft databases. A QC check of the basemag data is made on a day to day basis, exported as a Geosoft Table file (TBL) and merged with the active database using built-in Geosoft routines.

Diurnal magnetic corrections were applied only to the channel that was used to generate a total magnetic field map. The MAG1, MAG2, and MAG3 sensor values were used to generate the gradients and do not require diurnal correction. The base station data was linearly interpolated from a 1.0 sec sample rate to 0.1 sec to correspond to the flight data.

The horizontal gradients are sensitive to line direction. Positive polarity is defined as to the north and east. On south- and/or west-facing lines the horizontal gradients are multiplied by -1.

The magnetic data from the individual sensors as well as the computed total magnetic intensity have no filtering applied. The computed gradients are lightly filtered to remove high frequency noise common in areas of rough terrain or flying conditions. The magnetic data grids were tie line-leveled if needed and the resulting grids micro-leveled.

### 6.4.1 Magnetic Analytic Signal

The magnetic analytic signal (ASIG) is calculated by taking the square root of the sum of the squares of each of the 3 axis components of the gridding total magnetic intensity data. The equation for the analytic signal is:

$$ASIG = \sqrt{\left[\left(\frac{dT}{dx}\right)^2 + \left(\frac{dT}{dy}\right)^2 + \left(\frac{dT}{dz}\right)^2\right]}$$

where dT/dx is the in-line gradient, dT/dy is the cross-line gradient and dT/dz is the vertical gradient of the total magnetic field.

In general, the analytic signal is a gradient product that ignores the effects of target orientation. This "turns" all responses, regardless of how they interact with the earth's magnetic field, into the positive direction. Therefore, both negative anomalies & dipole effects will appear positive centered of the target source.

The analytic signal can be used to map the edge of large magnetic bodies as well as bring to light anomalous trends that can appear insignificant in a TMI grid. The nature of the algorithm also strips out effects of deep regional responses and focuses more on the near surface.

### 6.5 VLF-EM Data Processing

Due to the large distance to the nearest VLF station, the signal degradation was too high to produce any significant response throughout the survey. As the power output and functioning transmitting stations are out of CMG's control, VLF data is collected on an as is basis.

### 6.6 Radiometric Data Processing

The radiometrics data was processed using a variety of techniques used to strip out anomalous counts resulting from cosmic rays, aircraft and altitude. The data was stored on the RSX-5 spectrometer and imported directly into a separate Geosoft database. Here the data underwent a variety of corrections were applied, time lagged to match the magnetic data and exported to an ASCII XYZ. The file was converted in a table and merged with the master magnetic database. The radiometric data, collected a 1Hz, was merge using exact values and not interpolated to 10hz.

The cosmic background was identified by conducting a series of test flights at altitudes between 500m and 3000m at 500m increments. A linear regression of the cosmic window with each radioelement window produced an equation that accounted for aircraft background and cosmic scattering. These coefficients were stripped out of the data.

The stripping factors, unique for each spectrometer, were provided by Radiation Solutions and applied to the data. This correction removes the effects of Compton Scattering up and down the energy spectrum. The stripping coefficients were adjusted to compensate for aircraft altitude.

Height attenuation correction was applied to the data using a set of coefficient also supplied by Radio Solutions. The radar altitude data was imported in the spectrometer database from the radar unit on

the magnetometer and converted in standard temperature-pressure (STP). Attenuation coefficients were applied to each energy window as well as the total count.

Following all data corrections, each energy window was converted into their ground concentrations using supplied coefficients. This converts the potassium counts into %K, and the thorium and uranium counts into equivalent ground concentrations.

A set of radiometric ratios were also calculated using the final corrected data. These include a thorium-potassium ratio, a uranium-thorium ratio and a uranium-potassium ratio. All corrected data and ratios were included in the final database.

## 7.0 Results

The following images are shown in the corresponding figures. Each image has been color shaded with a sun angle of 45$^{o}$ inclination and 35$^{o}$ declination to enhance regions of high gradient. All grid products are processed independently and lightly micro leveled for the final product.

- The total magnetic field (TMI) is shown in Figure 9 & Figure 10.
- The measured vertical magnetic gradient (M-VMG) is shown in Figure 11 & Figure 12.
- The measured in-line magnetic gradient (MI-HMG) is shown in Figure 13 & Figure 14.
- The measured cross-line magnetic gradient (MC-HMG) is shown in Figure 15 & Figure 16.
- The calculated magnetic analytical signal (ASIG) is shown in Figure 17 & Figure 18.
- The digital terrain model (DTM) is shown in Figure 19 & Figure 20.
- The Gamma Ray Spectrometer corrected total count is shown in Figure 21 & Figure 22.
- The Gamma Ray Spectrometer percent Potassium is shown in Figure 23 & Figure 24.
- The Gamma Ray Spectrometer equivalent Uranium is shown in Figure 25 & Figure 26.
- The Gamma Ray Spectrometer equivalent Thorium is shown in Figure 27 & Figure 28.
- The Gamma Ray Spectrometer Thorium – Potassium ratio is shown in Figure 29 & Figure 30.
- The Gamma Ray Spectrometer Uranium – Potassium ratio is shown in Figure 31 & Figure 32.
- The Gamma Ray Spectrometer Uranium – Thorium ratio is shown in Figure 33 & Figure 34.

## 8.0 Interpretation

In the current survey, CMG has acquired high resolution magnetic gradiometer data and radioelement profiles. The vertical magnetic gradient provides a more accurate estimate of magnetic boundaries. The cross-line horizontal gradient highlights structures that may be oriented sub-parallel to the flight direction. The vector sum of the three magnetic gradients – known as the analytic signal – produces

highs directly over magnetic sources that are independent of the direction of the earth's magnetization vector.

The magnetic fabric of the two survey areas is complex and defines features that appear related to structures such as faults, geologic contacts as well as intrusive outlines. The magnetic field responses vary considerably in both amplitude and character. For example, the broad and low gradient features likely represent deeper seated bodies, whereas the sharp and high gradient responses are related to near surface features. Based on the previous geological findings in the area, the primary targets of interest are thought to be magmatic bodies that have intruded into the Harlan group. These intrusions have the potential to host economic mineralization. Fractures and faults that intersect these intrusive bodies are primary areas of interest for hydrothermal deposition.

The individual magnetic products have been referenced in order to better define the numerous structures throughout the area. The various gradient and derivative products fully represent the components of the magnetic field and can provide specific information not obvious in the total field data. The in-line horizontal magnetic gradient (MI-HMG) emphasizes subtle magnetic features perpendicular to the line direction, whereas the first vertical derivative product (1VD) emphasizes all subtle features in the data. The magnetic analytic signal (ASIG) is produced by calculating the vector sum of all three magnetic gradients to produce a grid that is independent of the effect of orientation from subsurface bodies. Typically, the orientation of a magnetic target can produce a positive or negative response in the total magnetic field relative to its orientation.

In addition to magnetics, a gamma ray spectrometry survey was performed to map the levels of radioactivity of the survey area. Individual spectrum gate data (Potassium, Uranium and Thorium) can provide valuable information on specific alteration or lithology types. Gridding the data as ratios of each radioactive element, such as "eTh vs pK" or "eU vs eTh", provides for a method of determining which areas may be relatively enriched or depleted in one of the radioelements. This could be the result of either primary causes (i.e. magmatic) or secondary causes (i.e. alteration related to magmatic, hydrothermal or weathering processes). In some cases, these processes are related to economic mineralization.

## 8.1 HJR Property

The total magnetic intensity data (TMI) collected on the HJR property exhibits high amplitudes to the southwest and decreasing towards to northeast. The magnetic data ranges from 57,200 nT to 58,400 nT or approximately 1200 nT in peak to peak variation. The west half and north edge of the property are dominated by stronger, higher gradient magnetic responses suggesting near surface exposure of the geology. The edge between these features and the lower gradient magnetic data to the southeast is quite abrupt and may represent a geologic contact (Figure 35). The general fabric of the geology trends northwest – southeast and is most apparent in the high gradient areas. Also of significance in the magnetic data are three fault-like structure extending sub north-south (Figure 35). At the axis of these faults, the magnetic data appears offset and slightly curves against the fault suggesting ductile deformation of the host rocks at the time of creation. Based on the rough topography of the area, it is likely these features are exposed and are visible at the surface; ground truthing in the high gradient areas, especially along the faults, is recommended to look for evidence of hydrothermal deposition.

The radiometric total count image outlines several regions with elevated radioactivity (sum of all spectrum gates). Several pockets of high radioactivity are visible across the property that do not appear to be related to topography. In some cases, radioactive minerals can erode from mountain sides into valleys and produce elevated values not related to the geology beneath. In the northwest section of the property, the radiometrics data changes character from relatively low counts to high counts creating a distinct edge. This edge closely follows a fault zone visible in the magnetic data suggesting the presence of a secondary geologic contact. Also of note is a curved feature visible in the various radiometric products which occurs near the center of the survey area. The feature appears to be bounded by a geologic contact on its west side and terminates upon entering a highly radioactive area to the south. This feature may represent an alteration halo of an intrusion not apparent in the magnetic data.

### 8.2 VF Property

The TMI data on the VF property, located approximately 20km southeast of the HJR property, ranges from 57,870 nT to 58,070 nT or only 200 nT in peak to peak variation. It is characterized by a low gradient across the survey area which increases to the northwest and reveals a deep response apparent along the northwest edge of the survey boundary. In contrast to the regional gradient, a stronger magnetic body sticks out in the northeast and several discrete highs are scattered towards the southwest. These features are clearly delineated in the magnetic analytic signal (ASIG) grid shown in Figure 37. The larger magnetic feature to the northeast may represent an intrusive event closer to the surface whereas the more discrete responses could be related to localized deposition of magnetic material along fracture zones. As seen in the HJR property, a distinct north-south trend or fault appears to cross-cut and offset the geology. This fault appears to diverge in the center of the property and converge further to the north creating a lens-like feature. Discrete magnetic sources in close proximity to this fault may be worth following up due to the potential for it to act as a conduit for hydrothermal activity.

Similar to the HJR survey area, the VF property exhibits numerous radioactive hot spots with a concentration to the northwest (See Figure 38). As before, there are no clear correlations between the topography and the radiometric data.

## 9.0 Conclusion

Based on the above discussion, a few areas are worth investigating further. In particular, the regional trending fault structures, cross cutting the survey areas, may provide conduits for hydrothermal transportation of mineralization and should be closely examined in areas where magnetic features appear to offshoot from the general trend. Ground work should be concentrated in areas where the magnetic data suggests near surface geology and in regions with high levels of radioactivity. Grab samples or soil chemistry may shed light on the type of alteration at work and guide future exploration.

## 10.0 Recommendations

1. Conduct ground truthing of the areas where the magnetic data suggests surfacing of the geology, especially in close proximity to faults.

2. Examine regions of high radioactivity for alteration patterns and correlate to magnetic trends and features.

3. Digital products from this report should be made available in either MapInfo or ArcView format as registered tiff files for integration into a GIS compilation.

4. Conduct an advanced level interpretation of the magnetic data, integrate with geology and possibly model selected structures.

Respectively Submitted,



Sean Scrivens P.Geo.
June, 2011

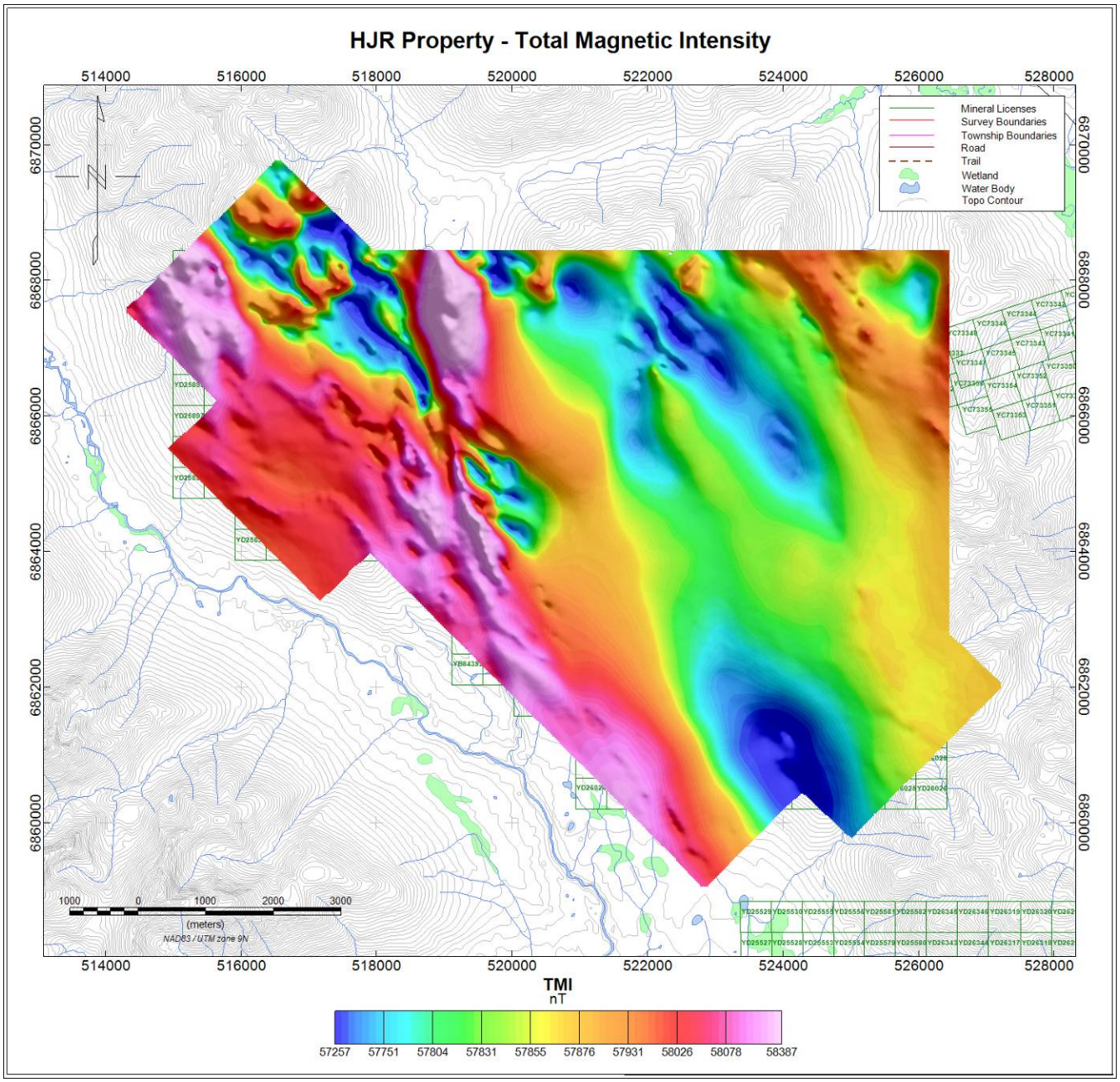



**Figure 9 - Shaded image of the total magnetic field intensity (TMI) over the VF survey area.**

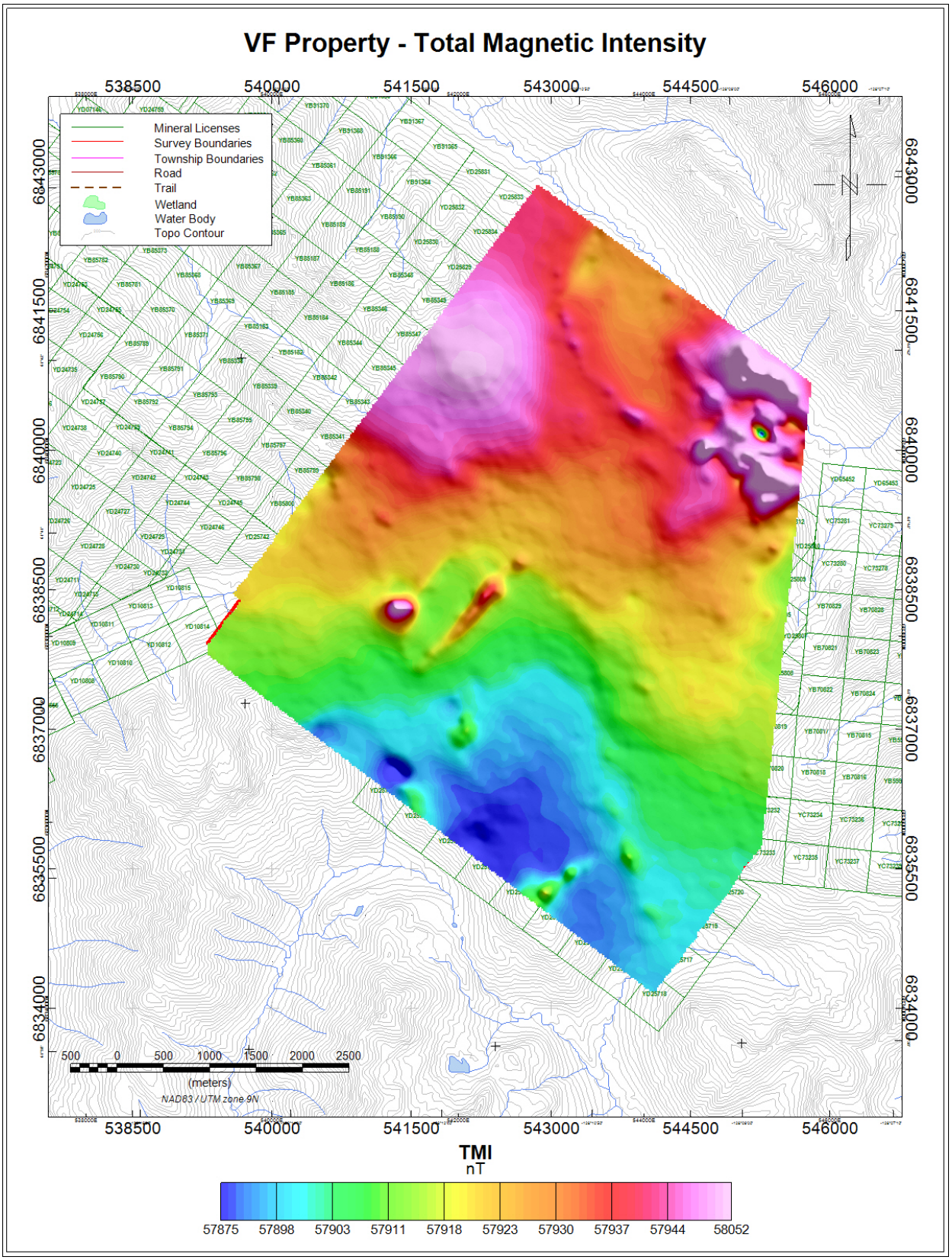



**Figure 10 - Shaded image of the total magnetic field intensity (TMI) over the VF survey area.**

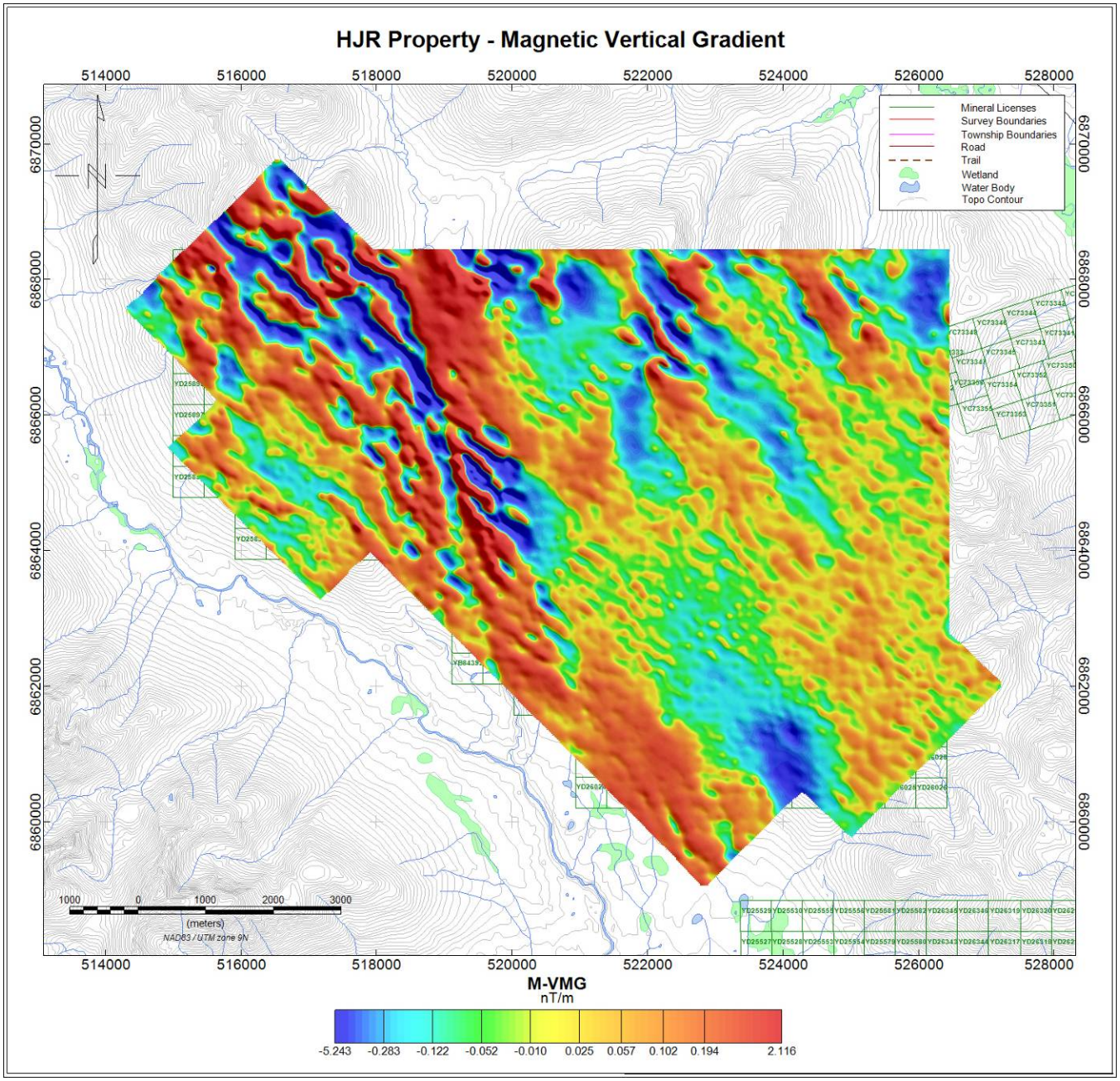



**Figure 11 - Shaded image of the vertical magnetic gradient (M-VMG) over the VF survey area.**

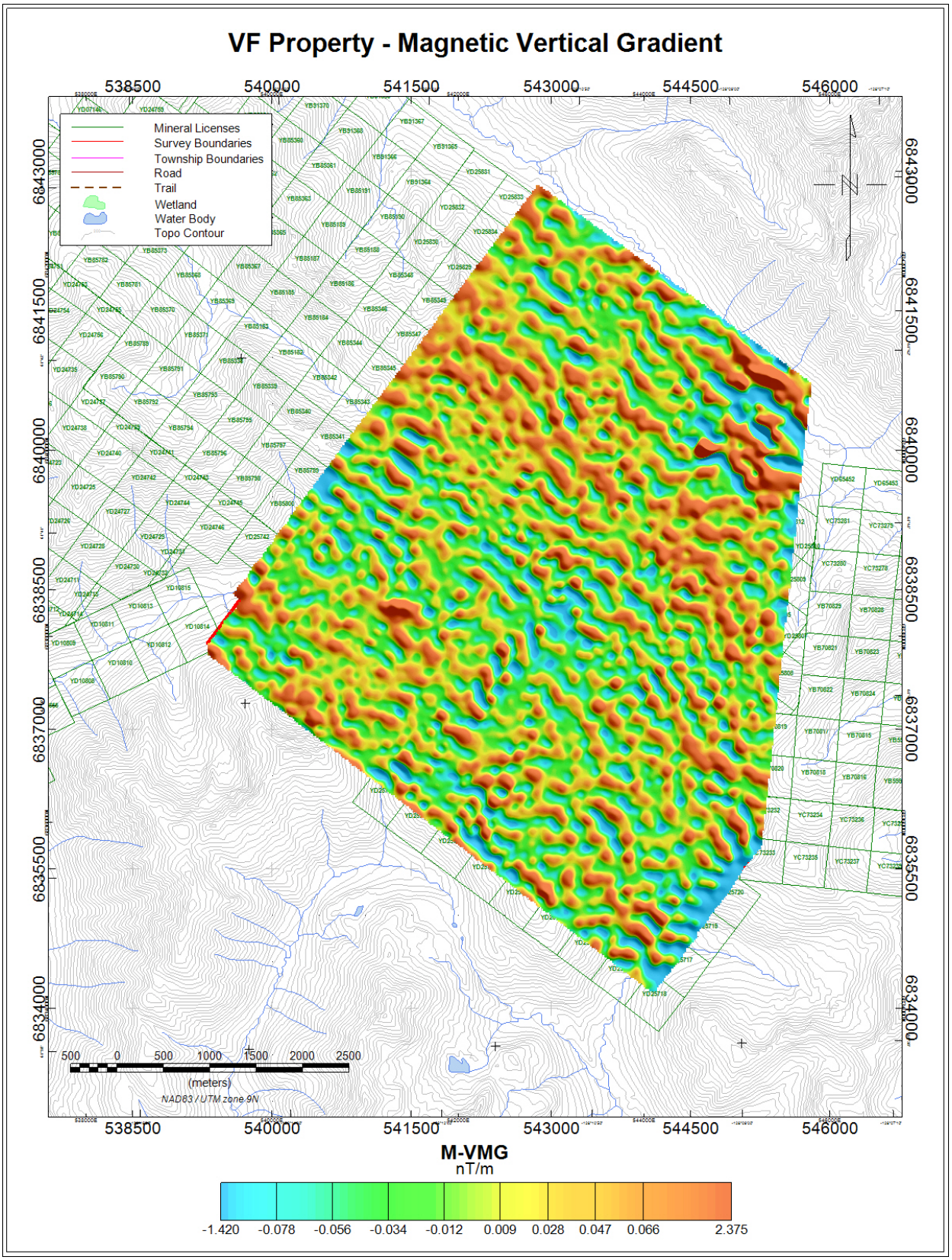



**Figure 12 - Shaded image of the vertical magnetic gradient (M-VMG) over the VF survey area.**

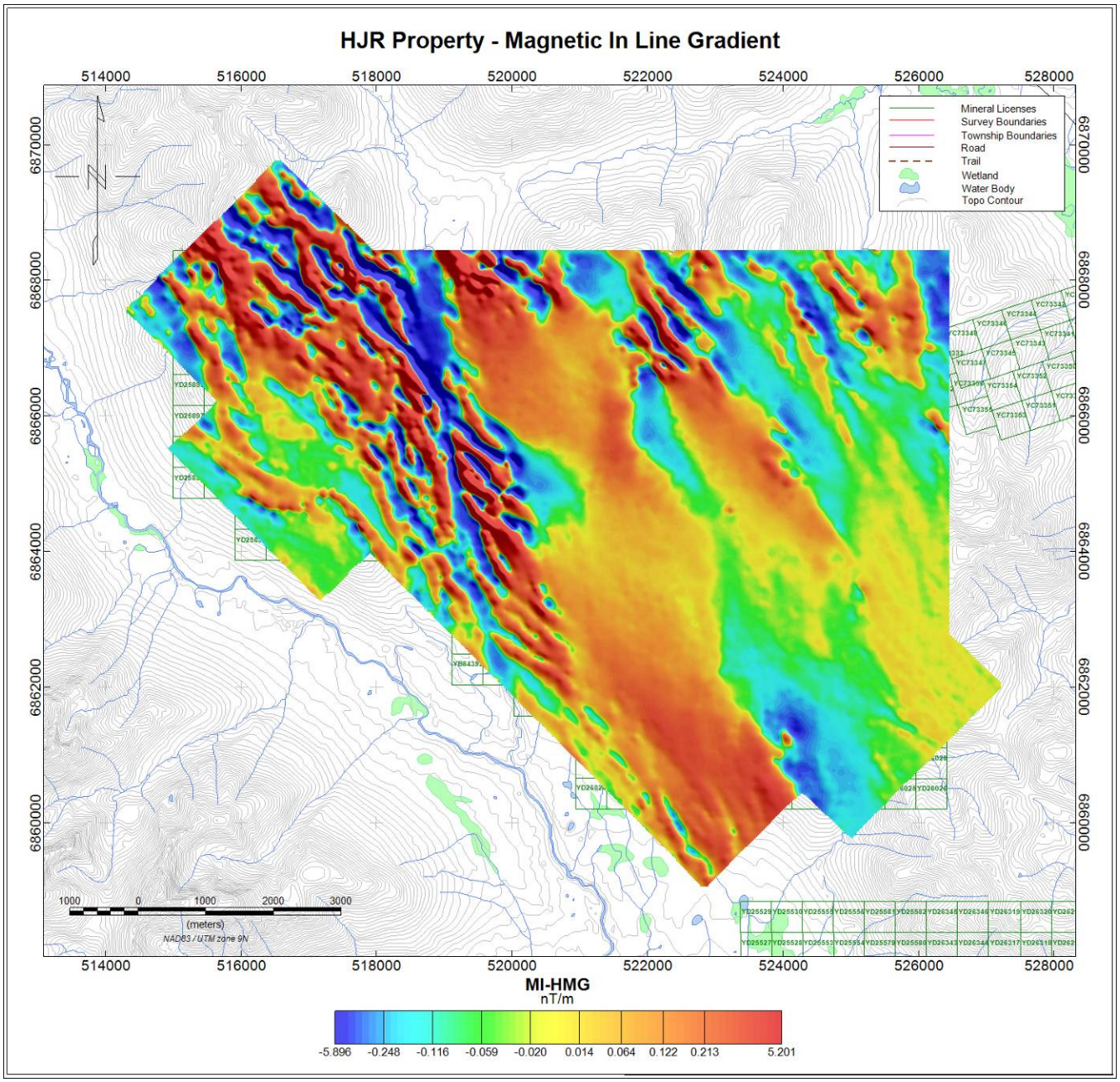



**Figure 13 - Shaded image of in-line horizontal magnetic (MI-HMG) over the VF survey area.**

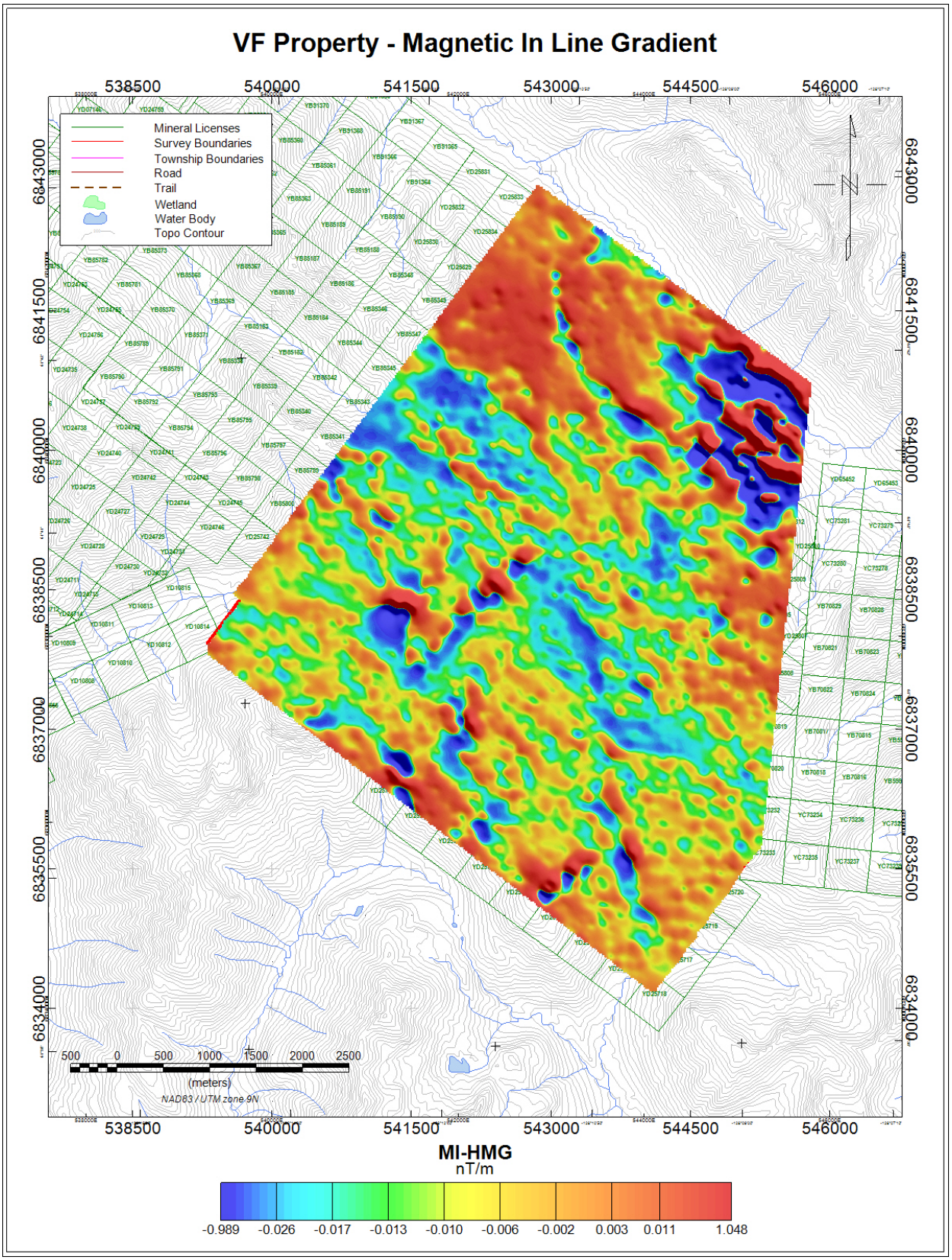



**Figure 14 - Shaded image of in-line horizontal magnetic (MI-HMG) over the VF survey area.**

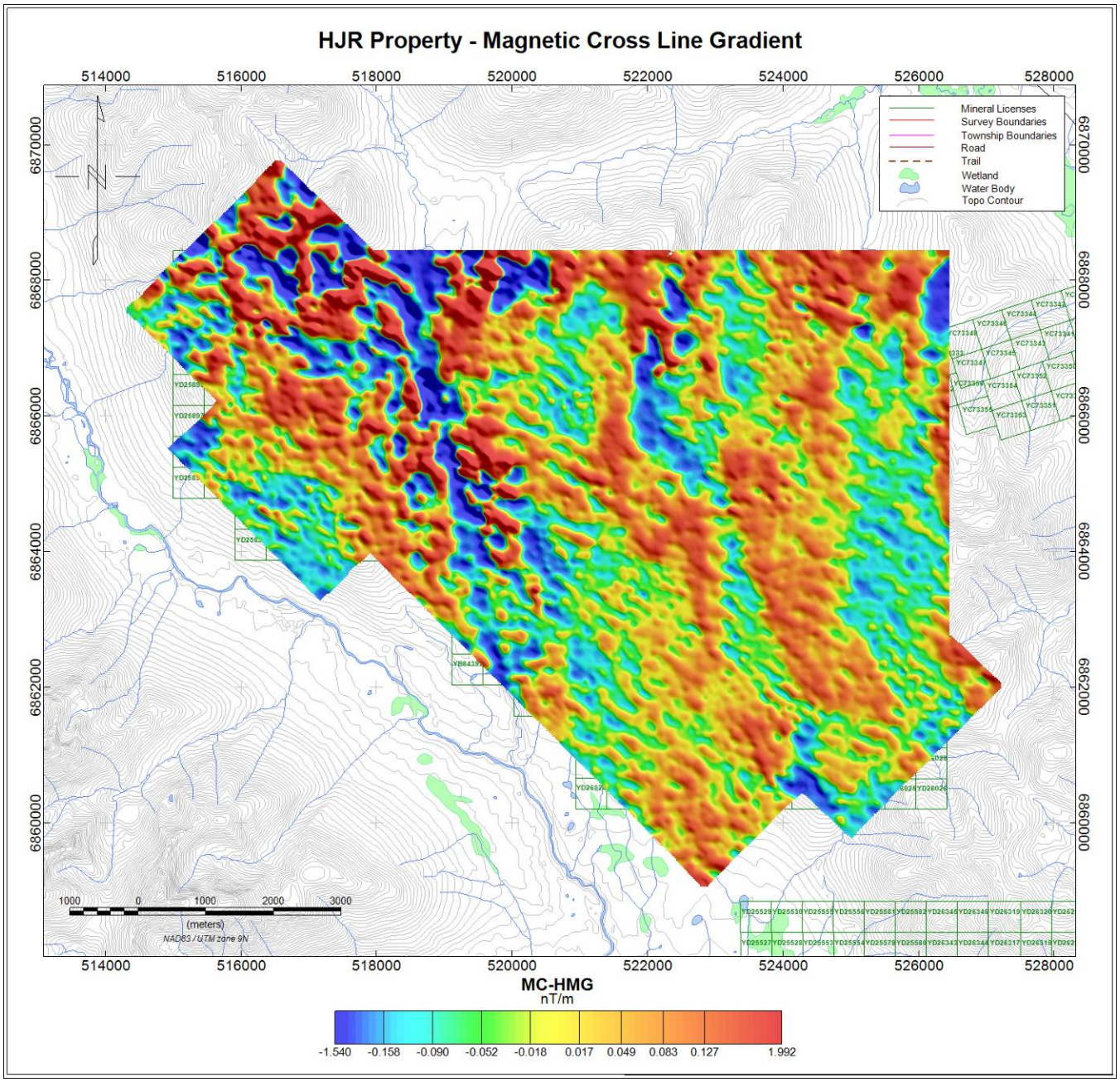



**Figure 15 - Shaded image of the cross-line gradient (MC-HMG) over the VF survey area.**

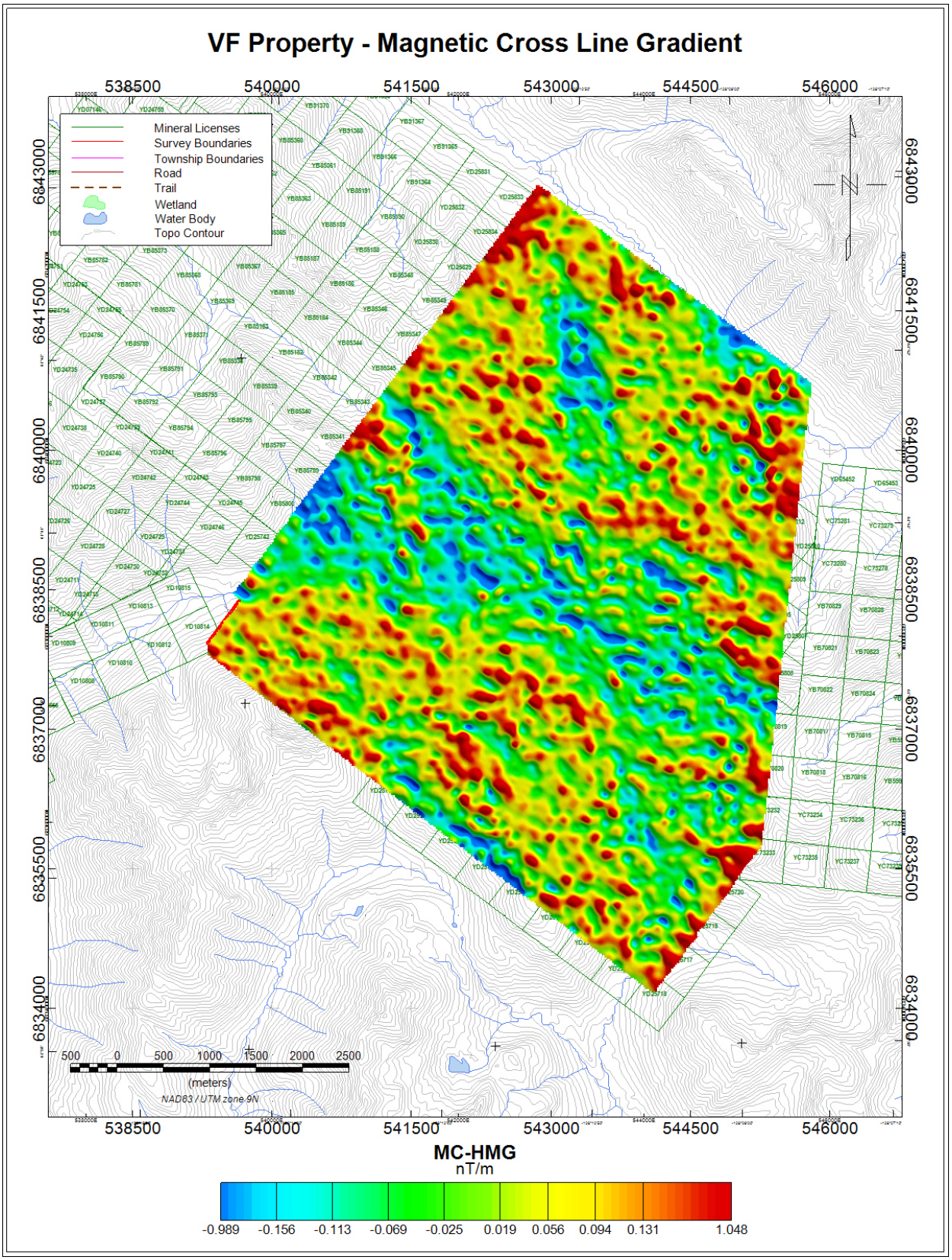



**Figure 16 - Shaded image of the cross-line gradient (MC-HMG) over the VF survey area.**

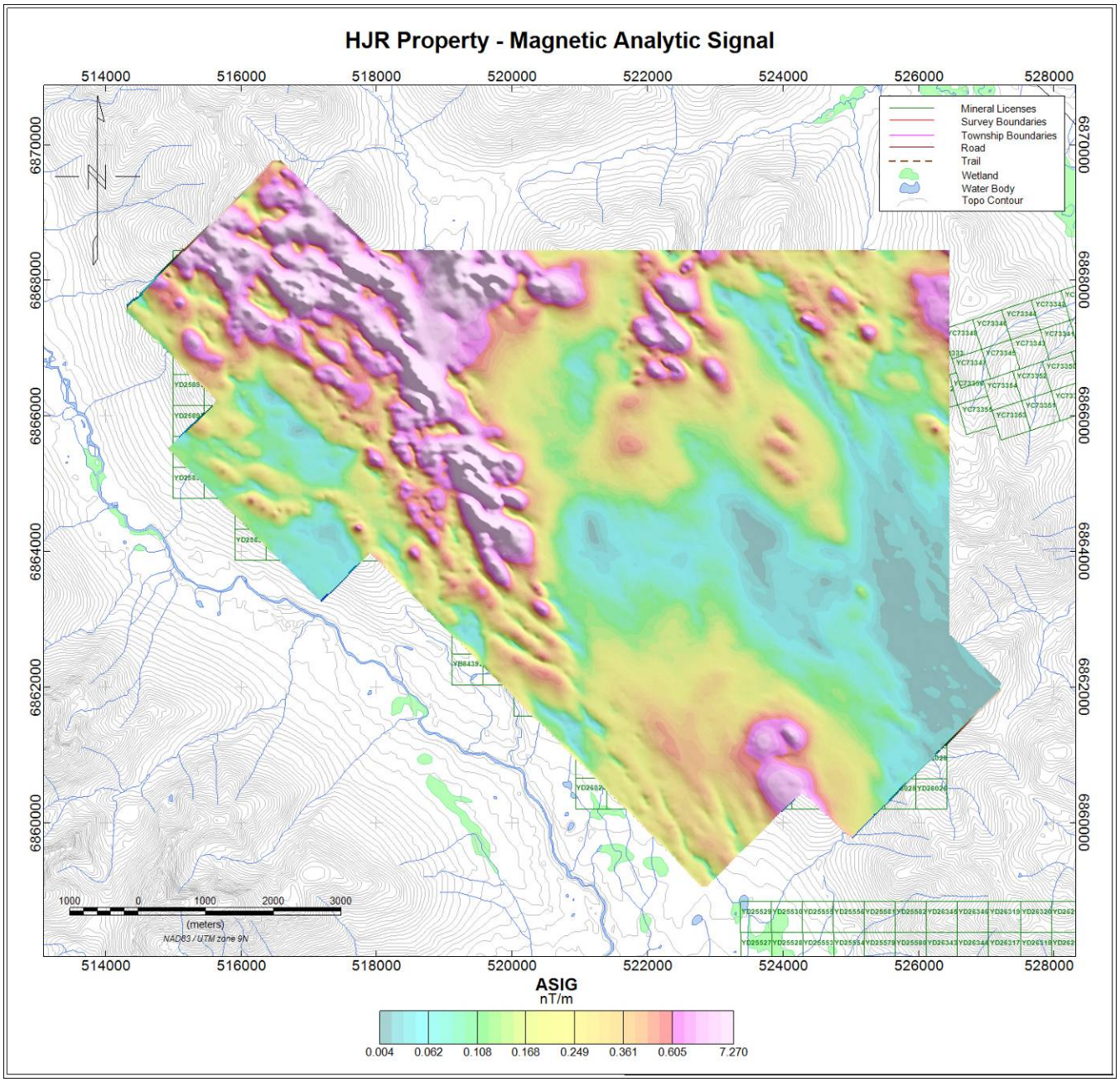



**Figure 17 - Shaded image of the magnetic analytical signal (ASIG) over the VF survey area.**

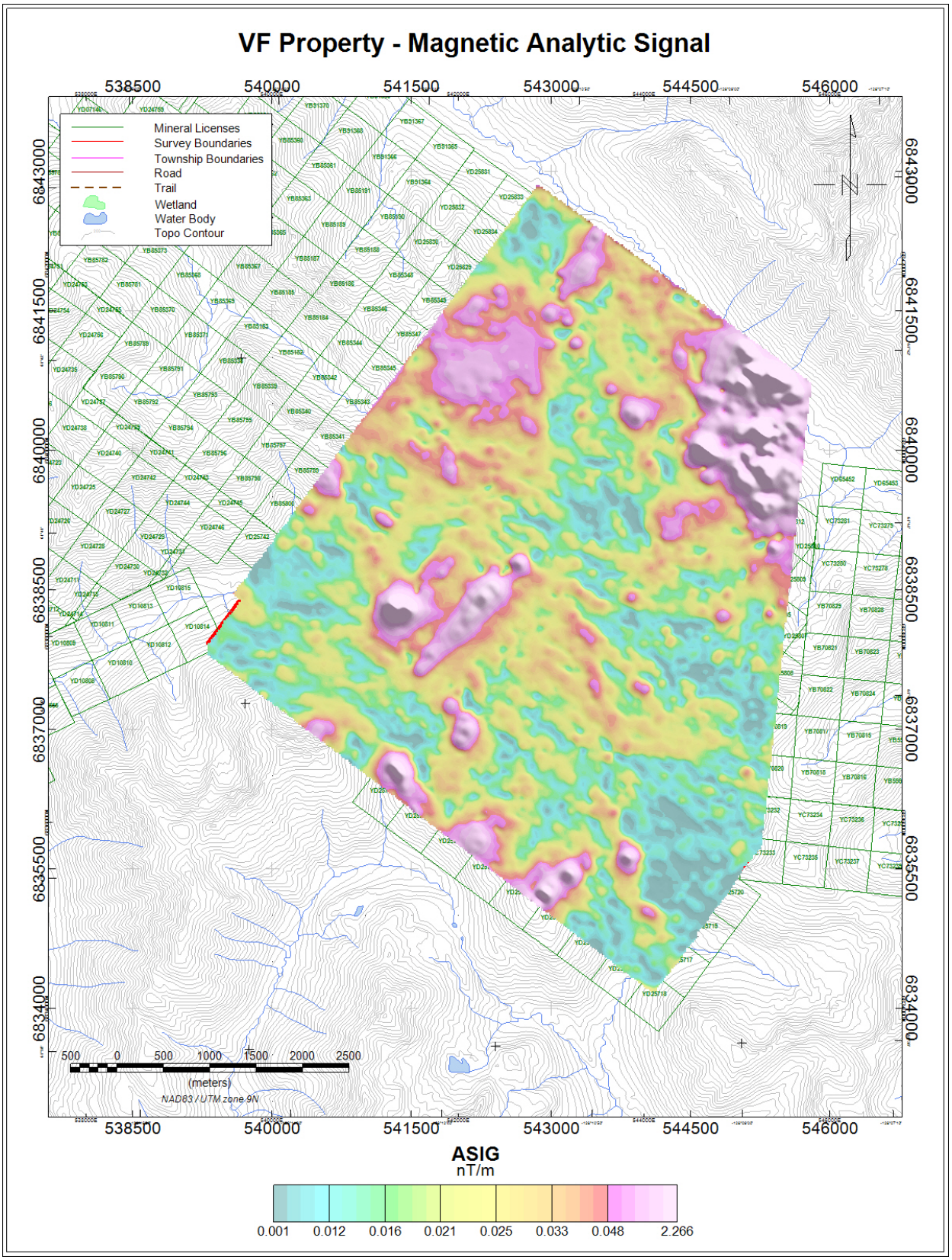



**Figure 18 - Shaded image of the magnetic analytical signal (ASIG) over the VF survey area.**

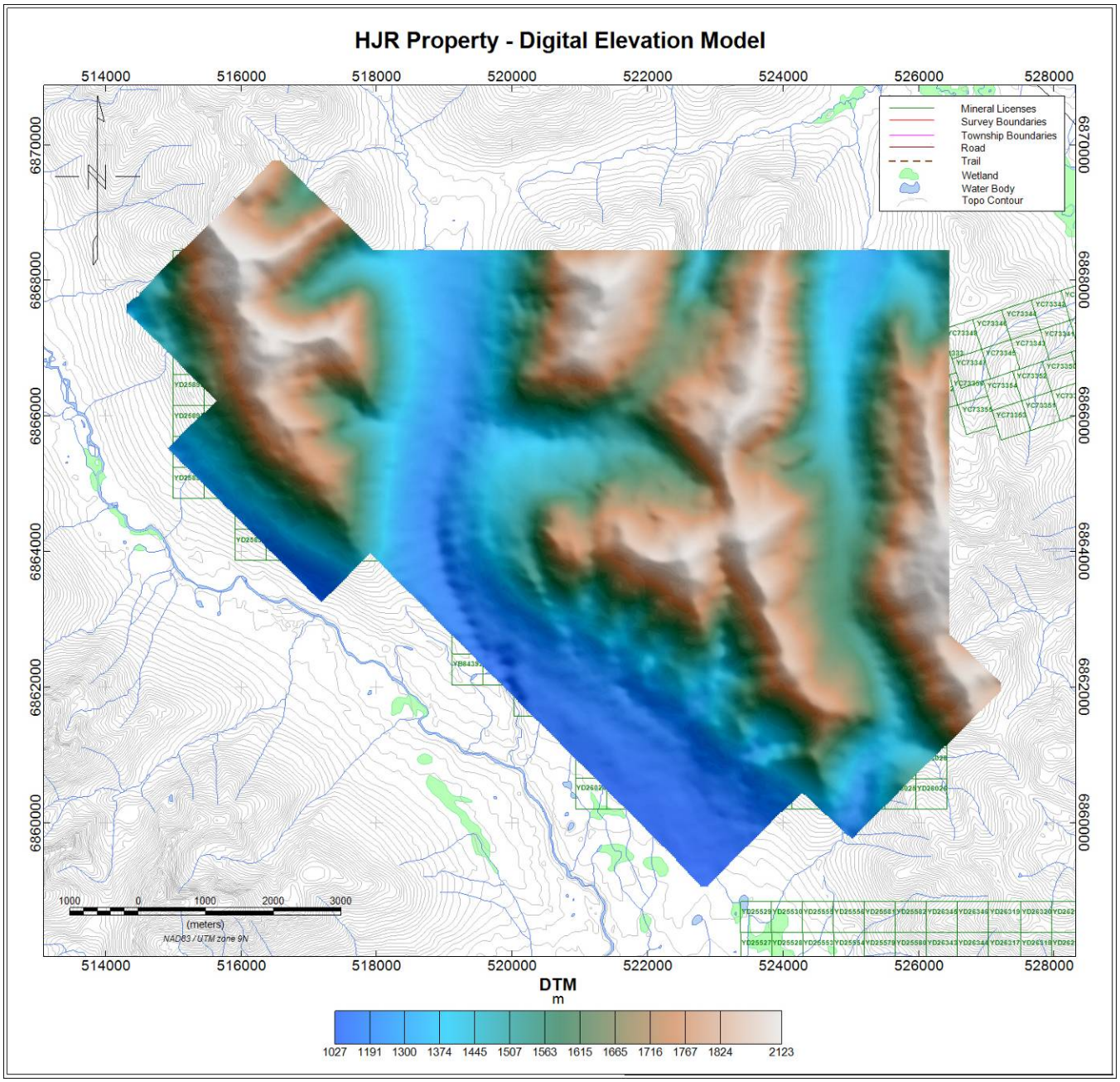



**Figure 19 - Shaded image of the digital terrain model (DTM) over the VF survey area.**

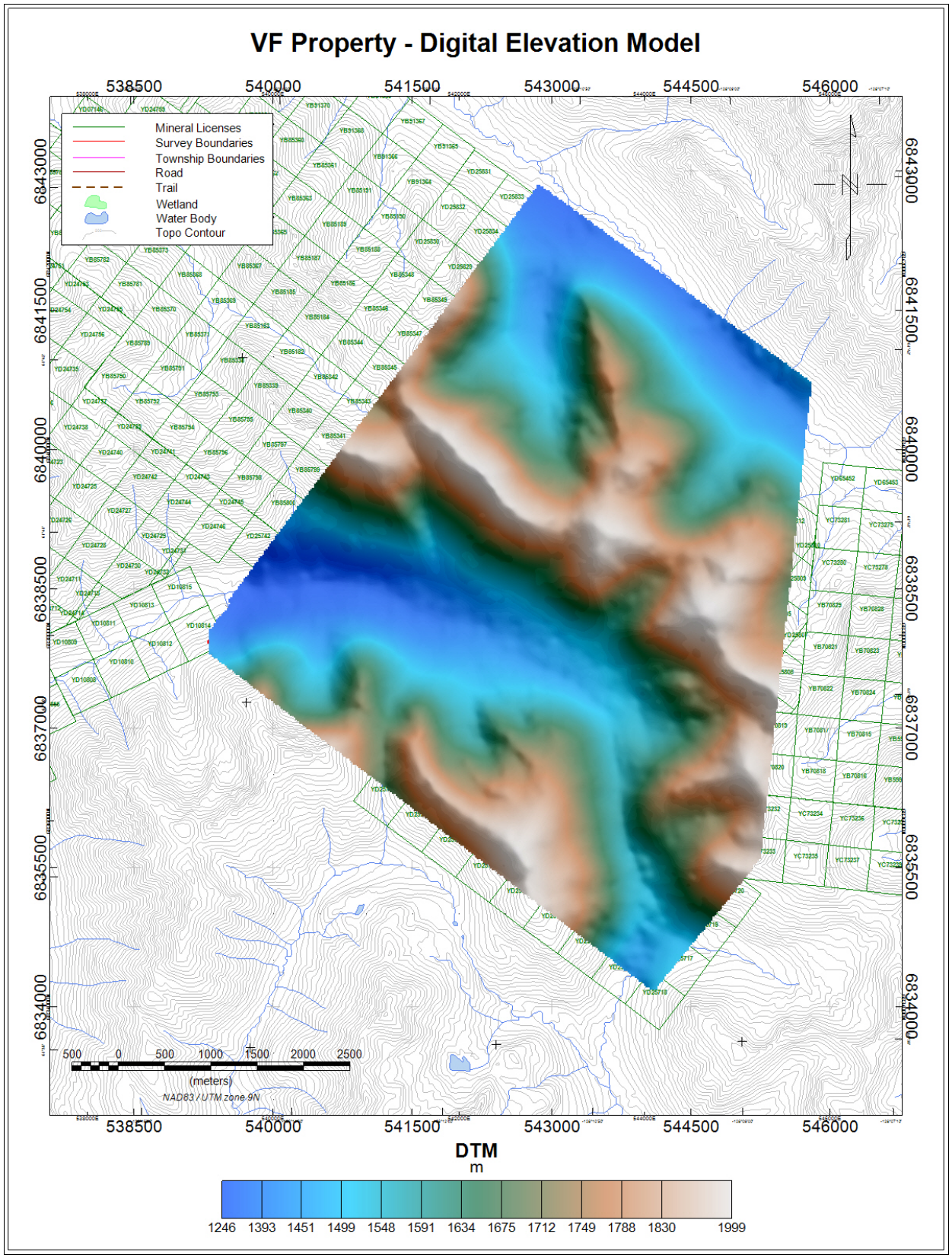



**Figure 20 - Shaded image of the digital terrain model (DTM) over the VF survey area.**

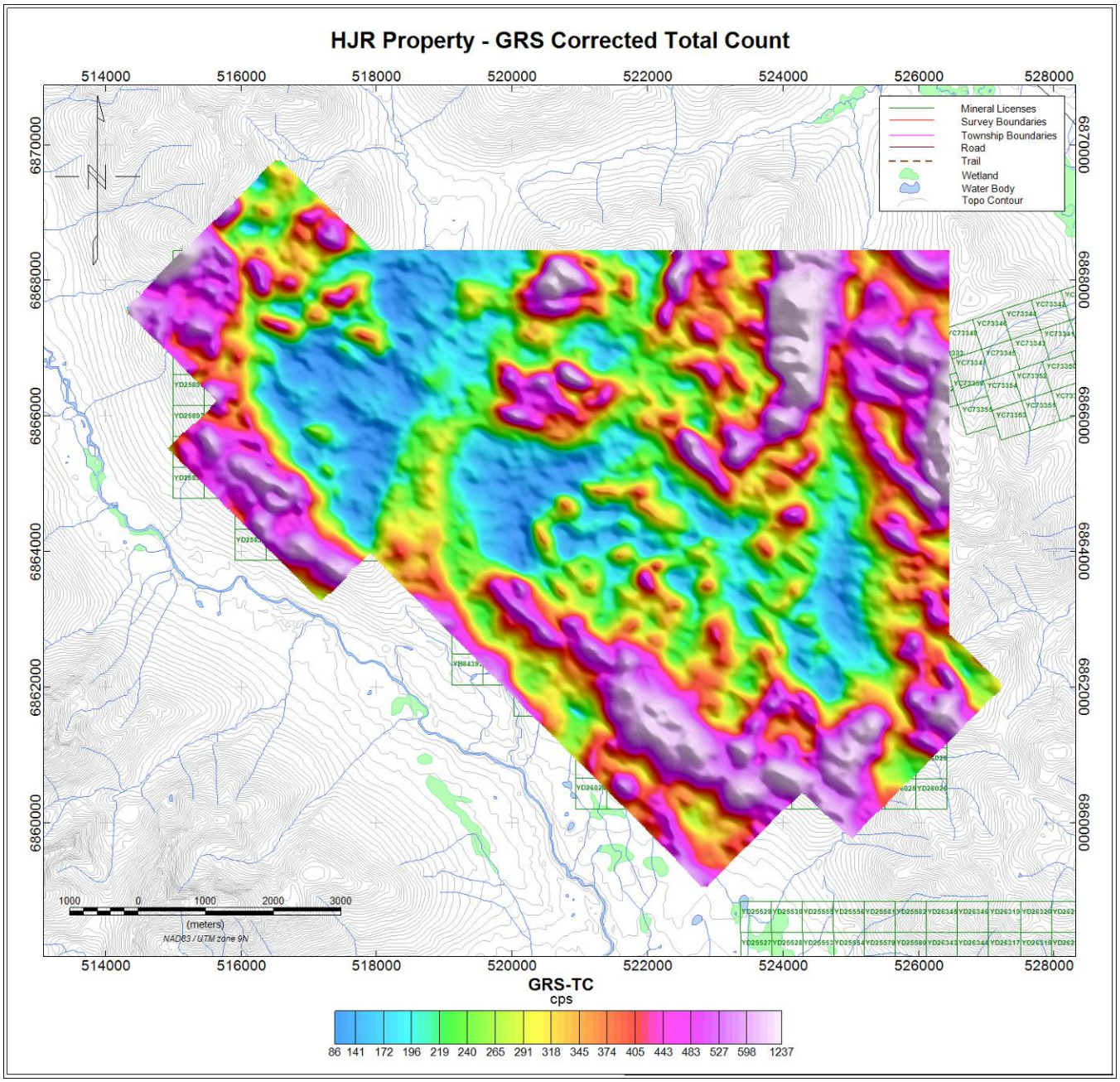



**Figure 21 - Shaded image of the radiometrics corrected total count over the VF survey area.**

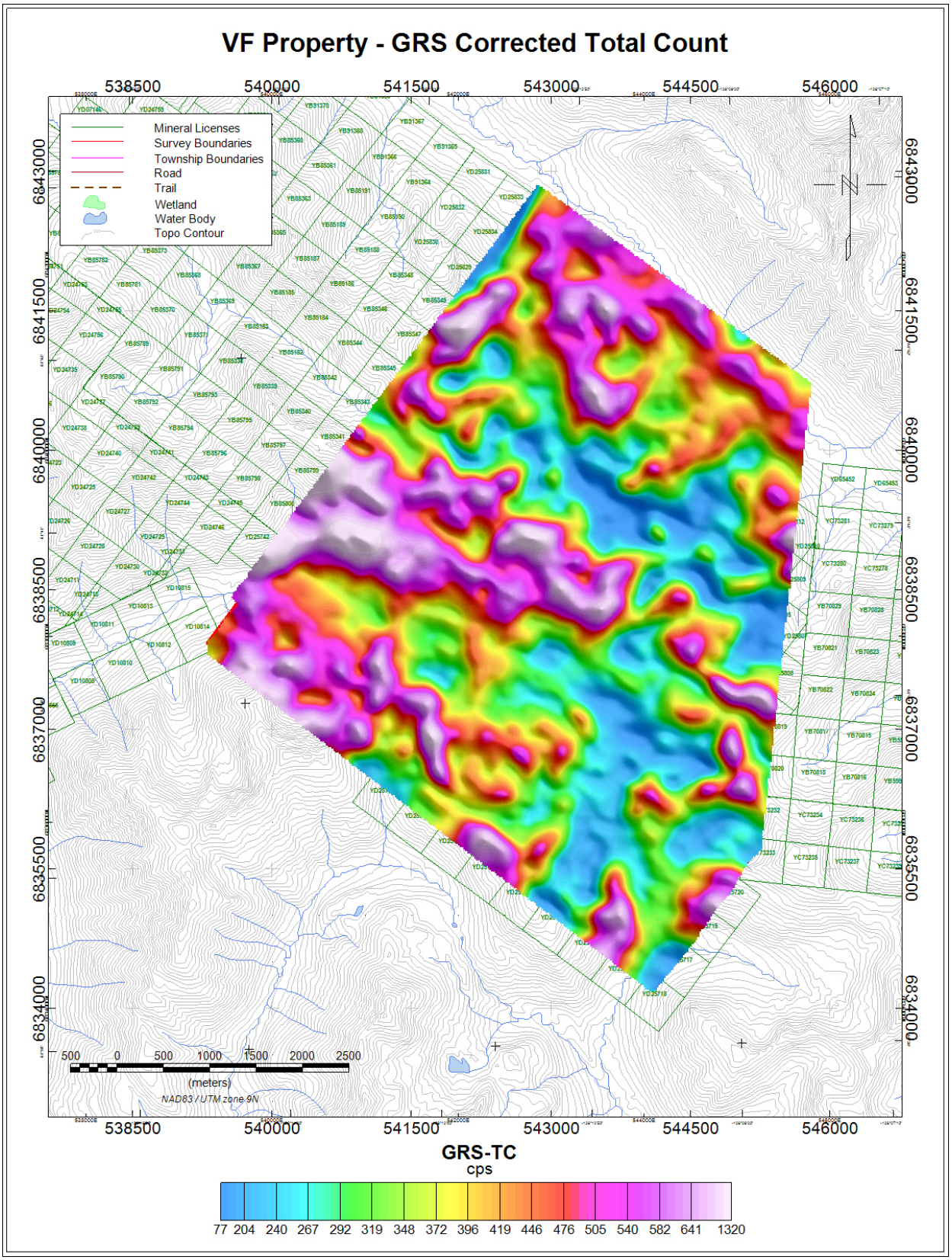



**Figure 22 - Shaded image of the radiometrics corrected total count over the VF survey area.**

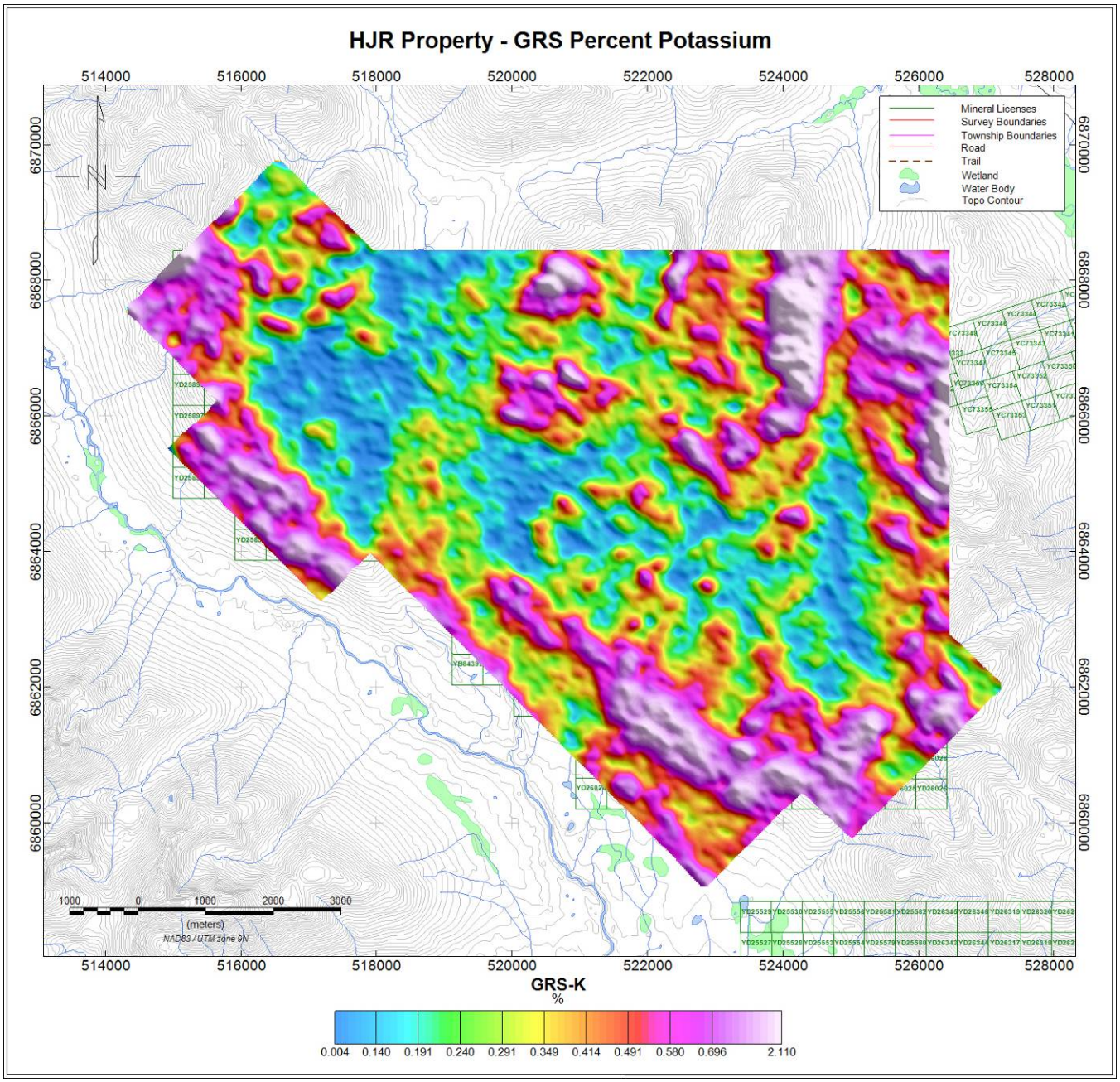



**Figure 23 - Shaded image of the radiometrics percent Potassium over the VF survey area.**

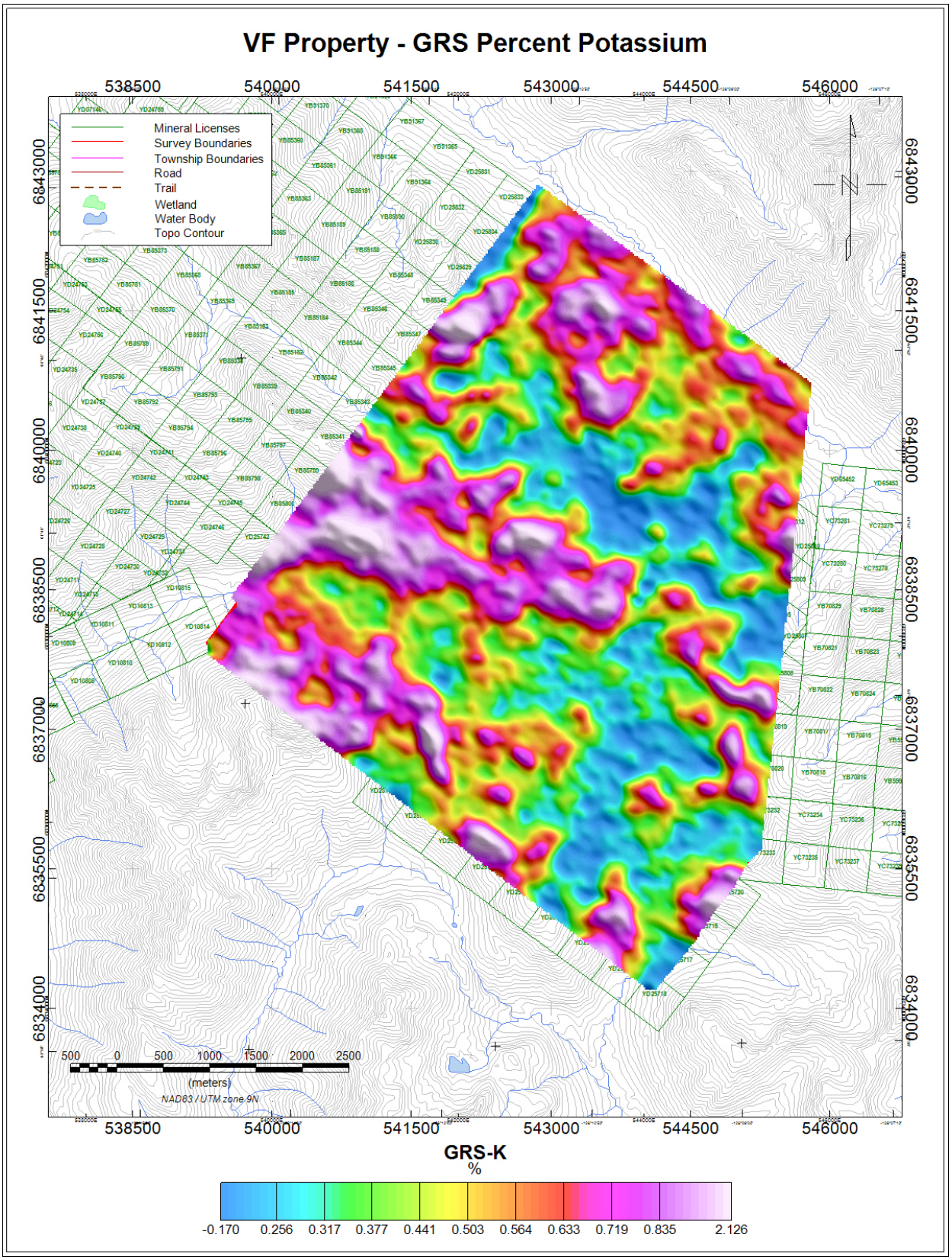



**Figure 24 - Shaded image of the radiometrics percent Potassium over the VF survey area.**

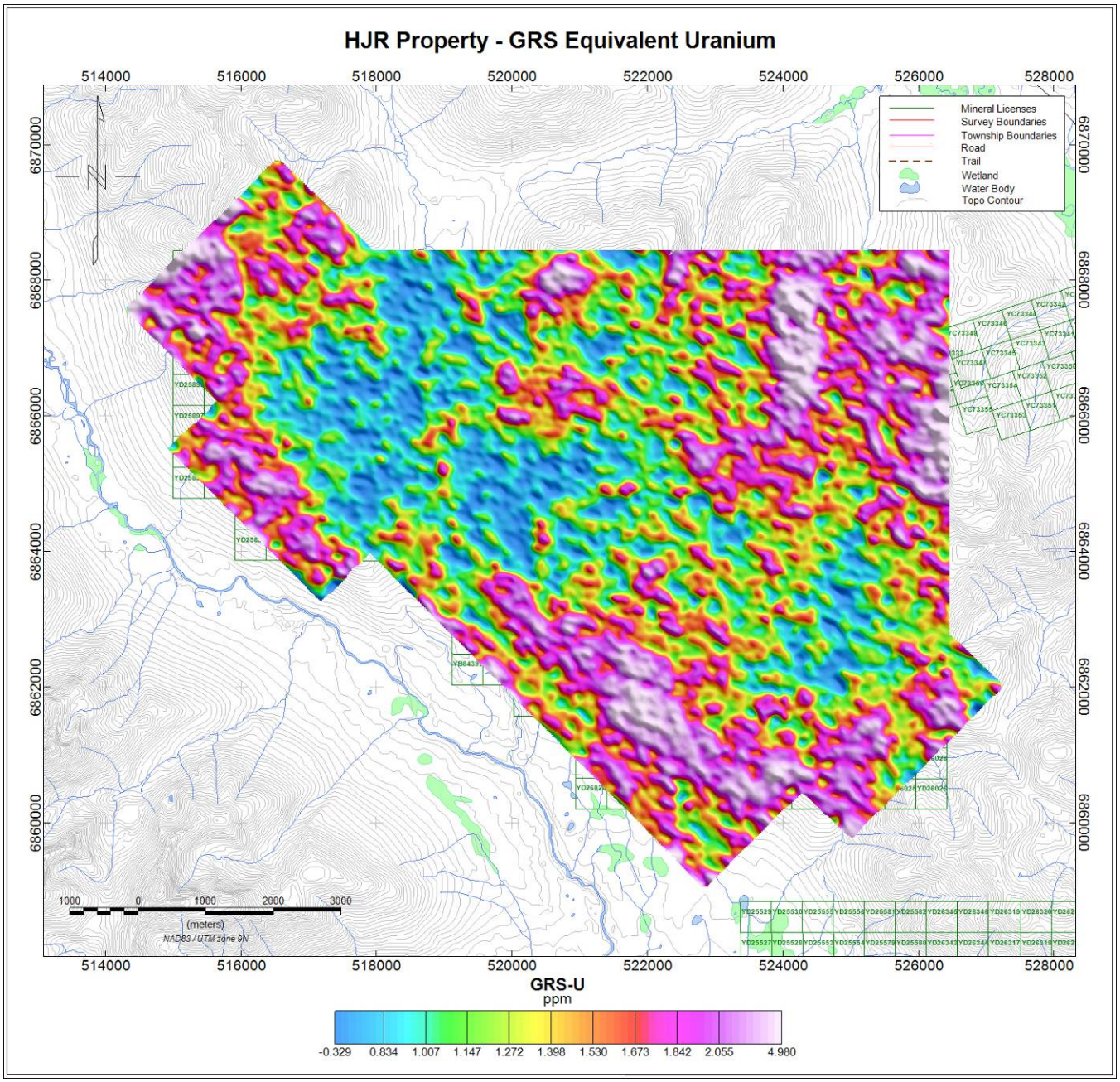



**Figure 25 - Shaded image of the radiometrics equivalent Uranium over the VF survey area.**

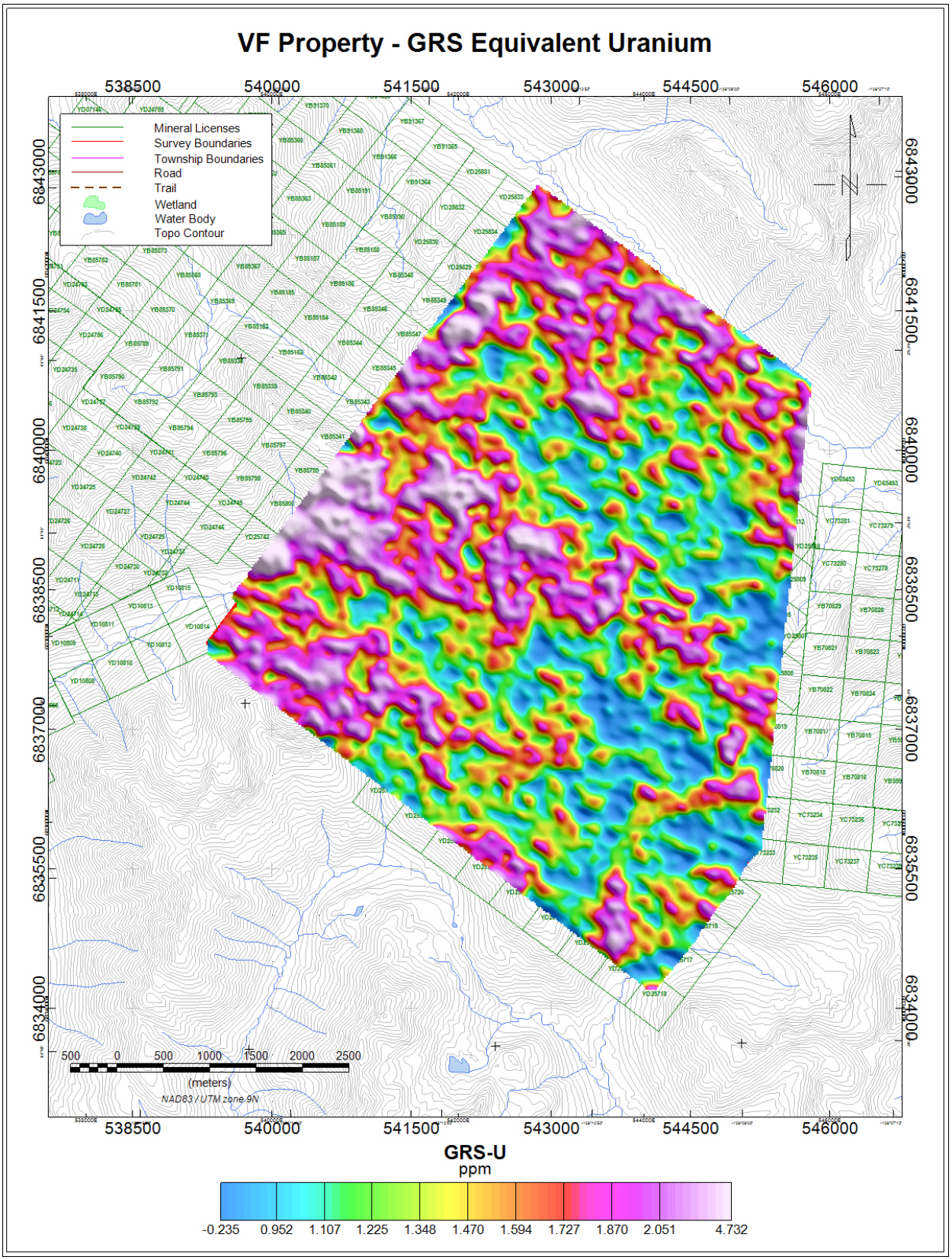



**Figure 26 - Shaded image of the radiometrics equivalent Uranium over the VF survey area.**

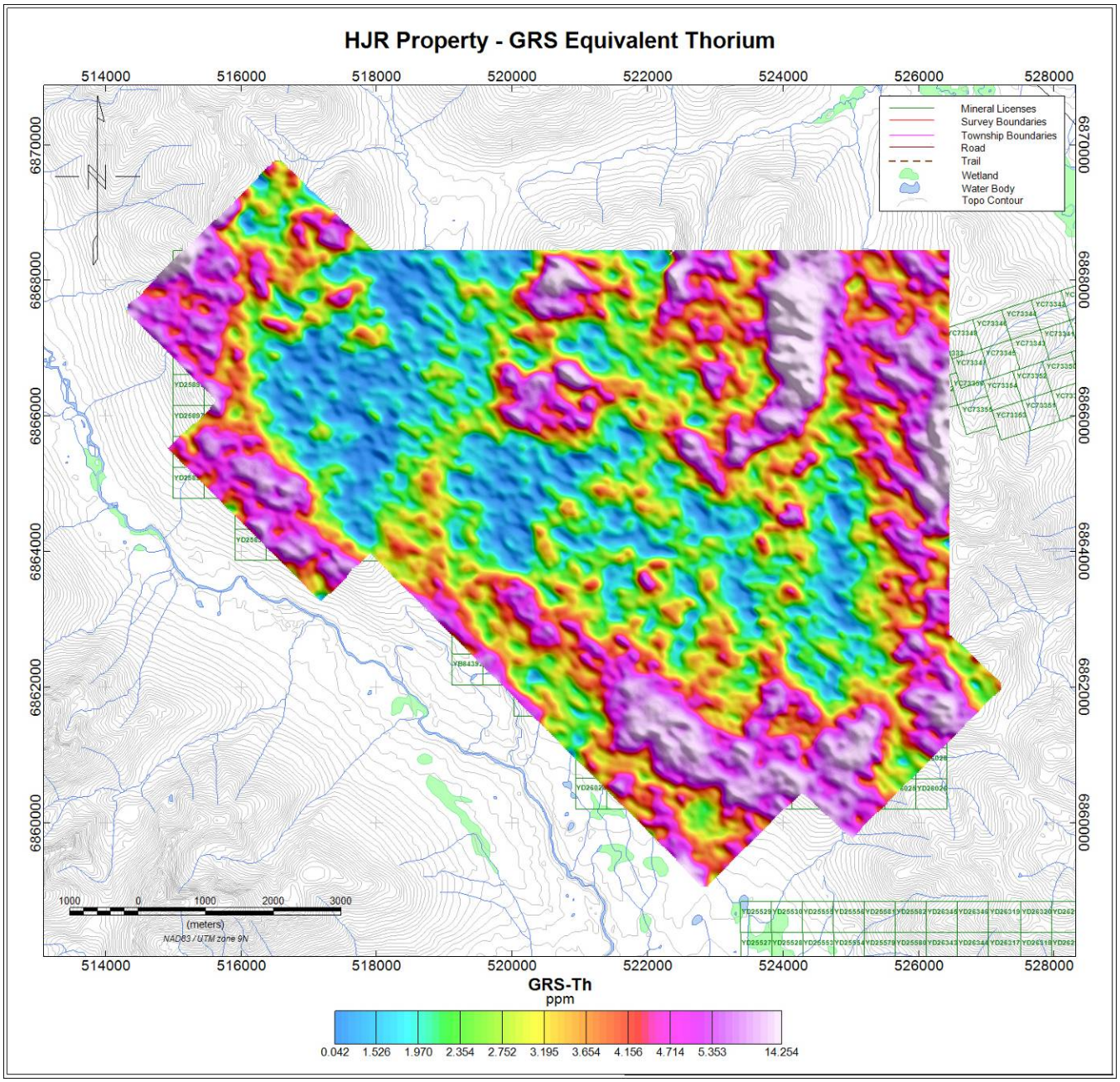



**Figure 27 - Shaded image of the radiometrics equivalent Thorium over the VF survey area.**

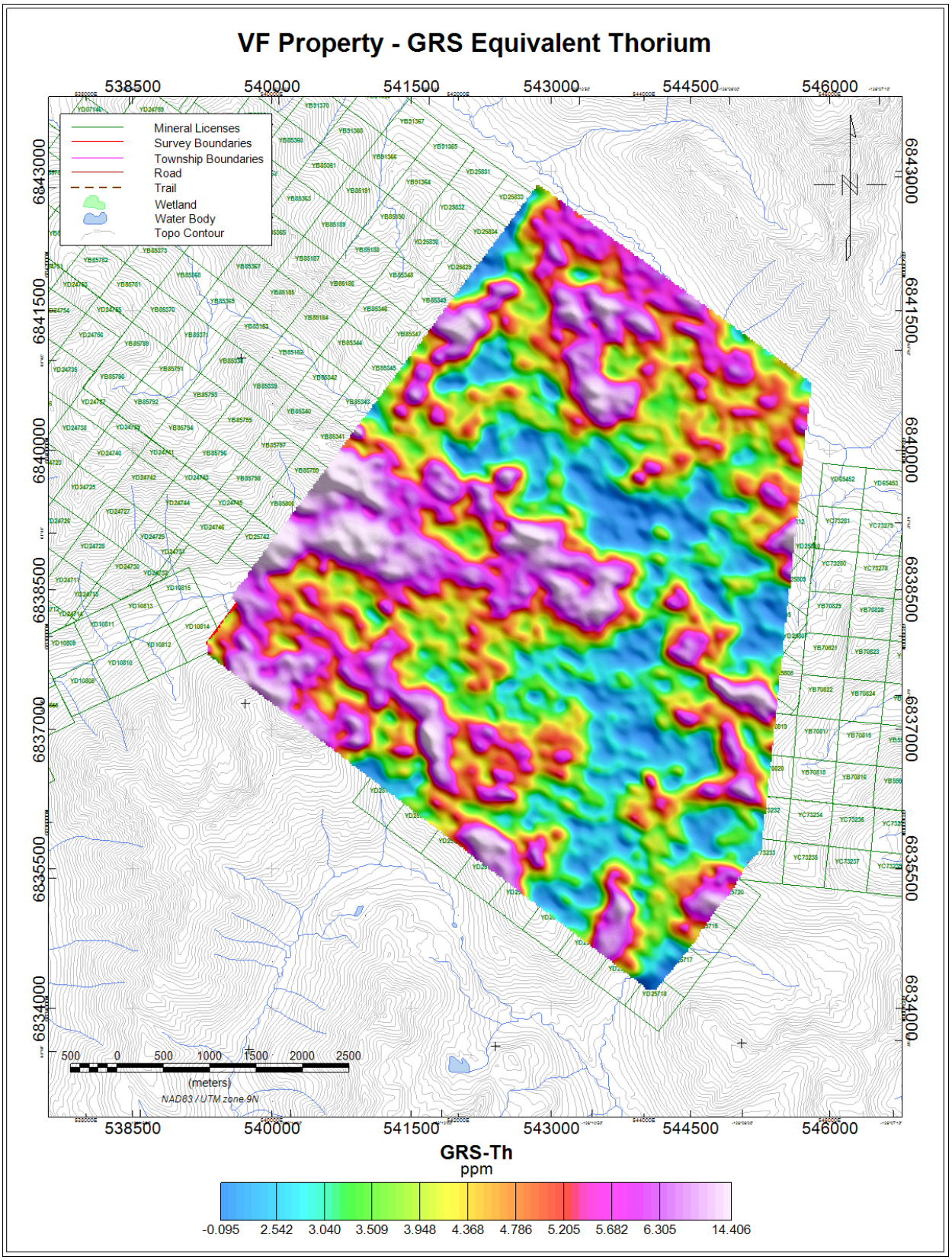



**Figure 28 - Shaded image of the radiometrics equivalent Thorium over the VF survey area.**

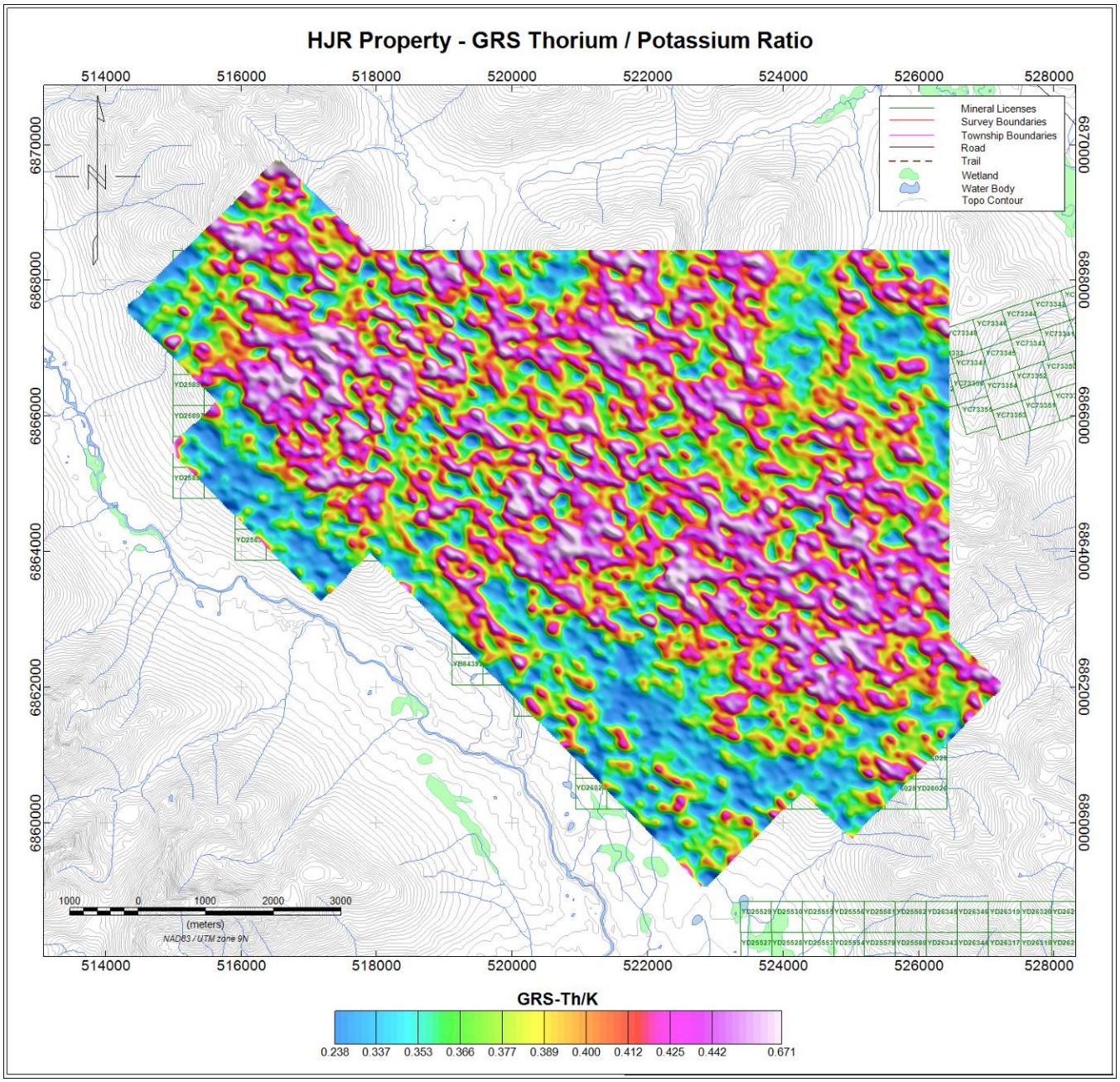



**Figure 29 – Shaded image of the radiometrics Thorium – Potassium ratio over the VF survey area.**

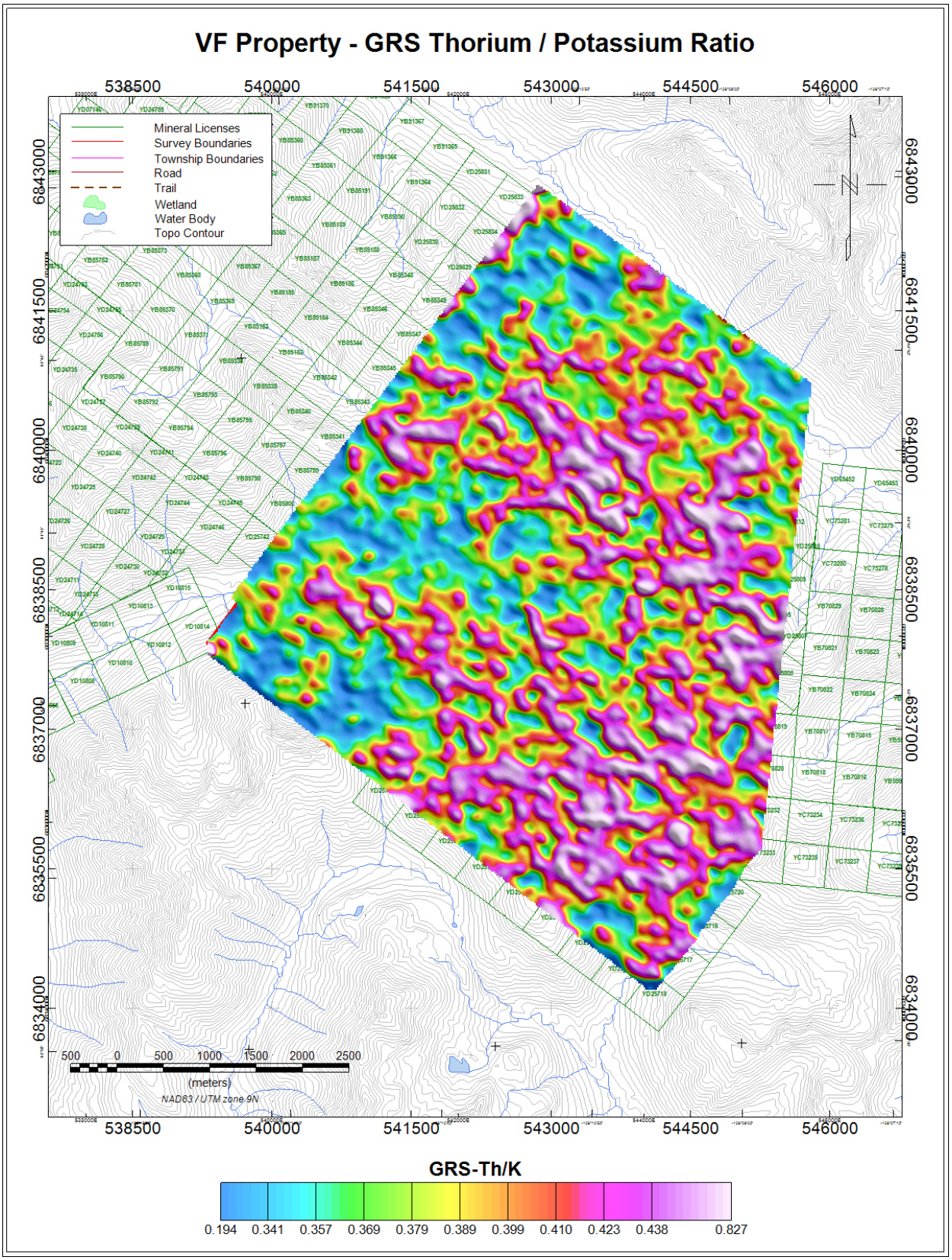



**Figure 30 – Shaded image of the radiometrics Thorium – Potassium ratio over the VF survey area.**

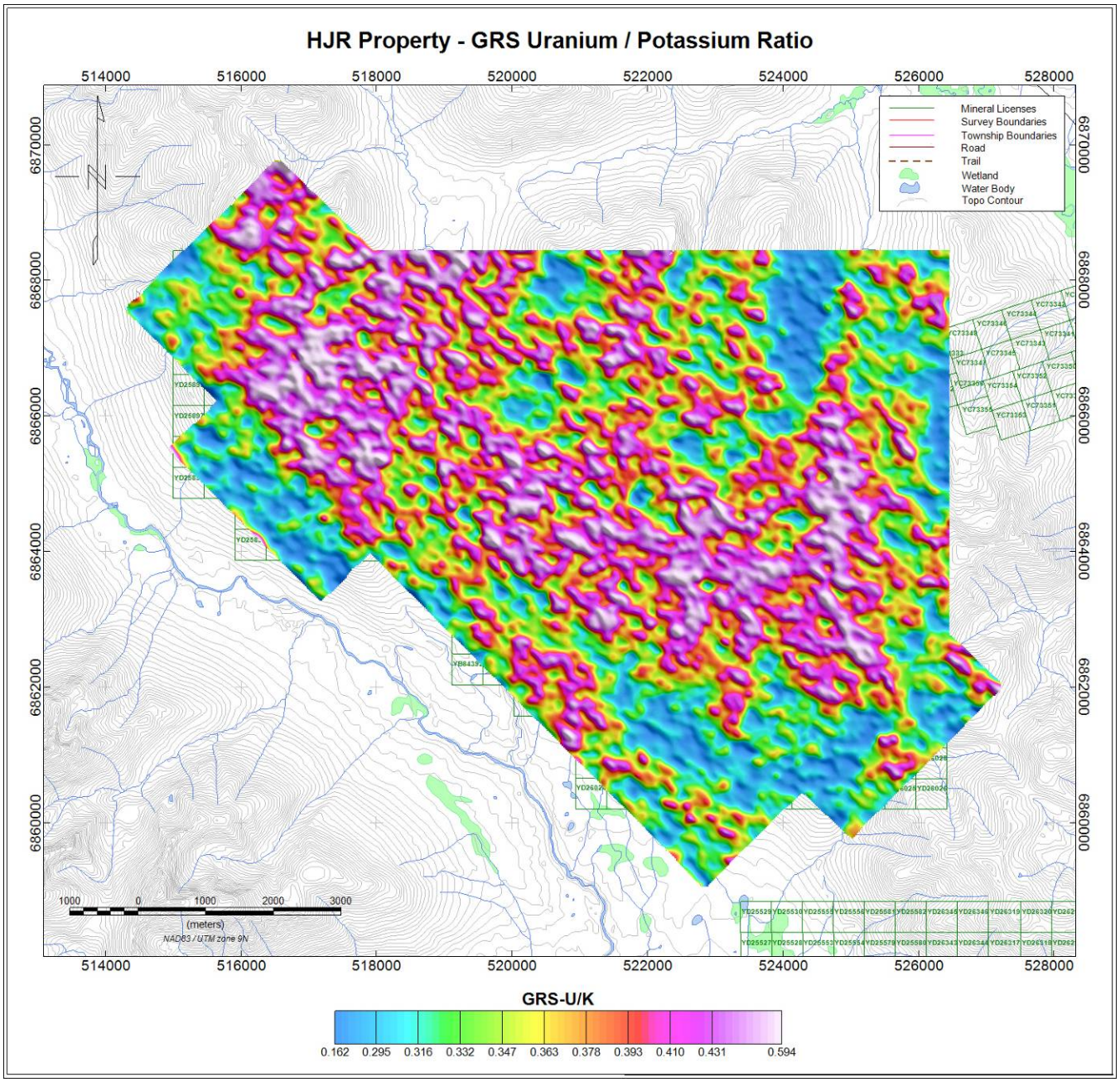



**Figure 31 – Shaded image of the radiometrics Uranium – Potassium ratio over the VF survey area.**

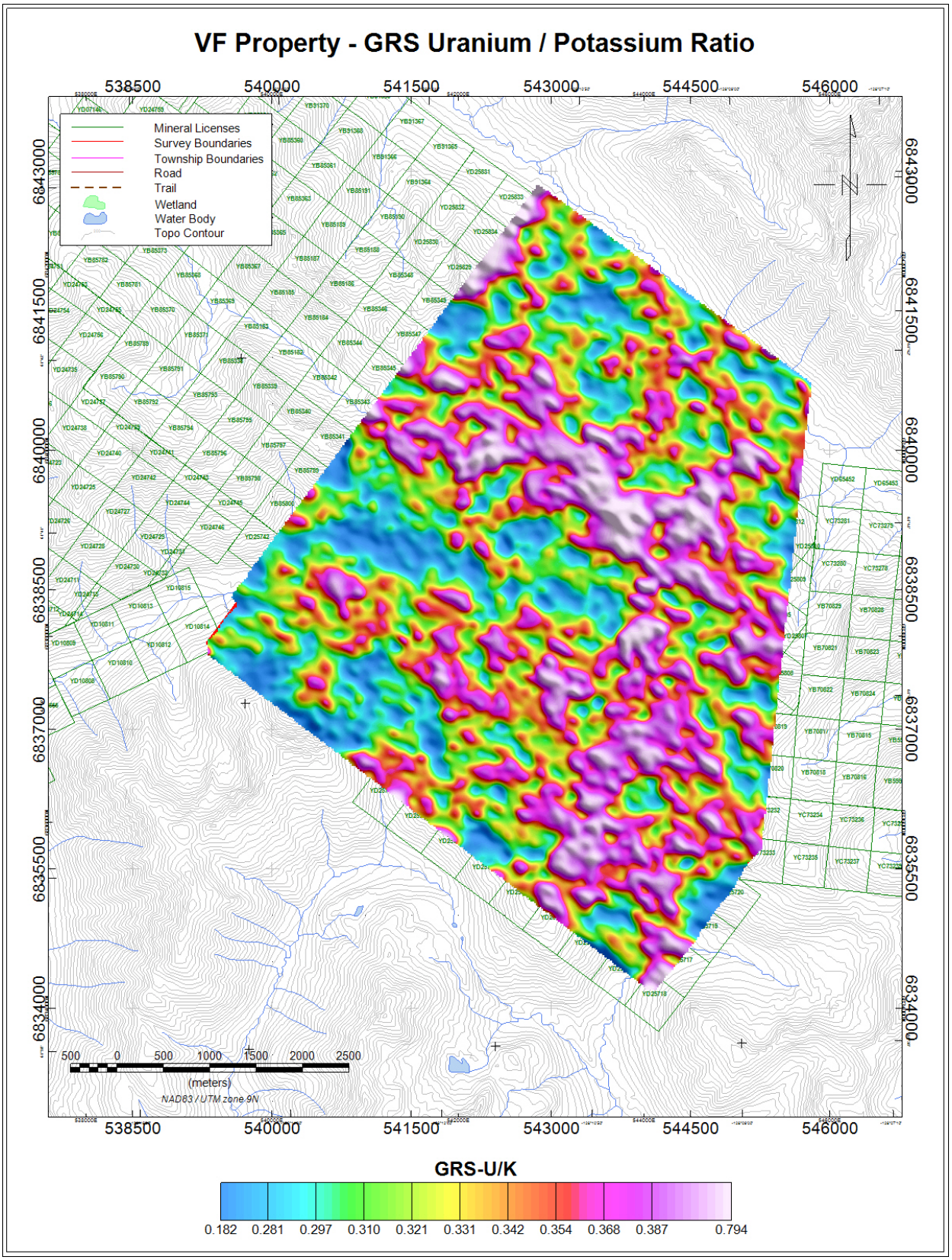



**Figure 32 – Shaded image of the radiometrics Uranium – Potassium ratio over the VF survey area.**

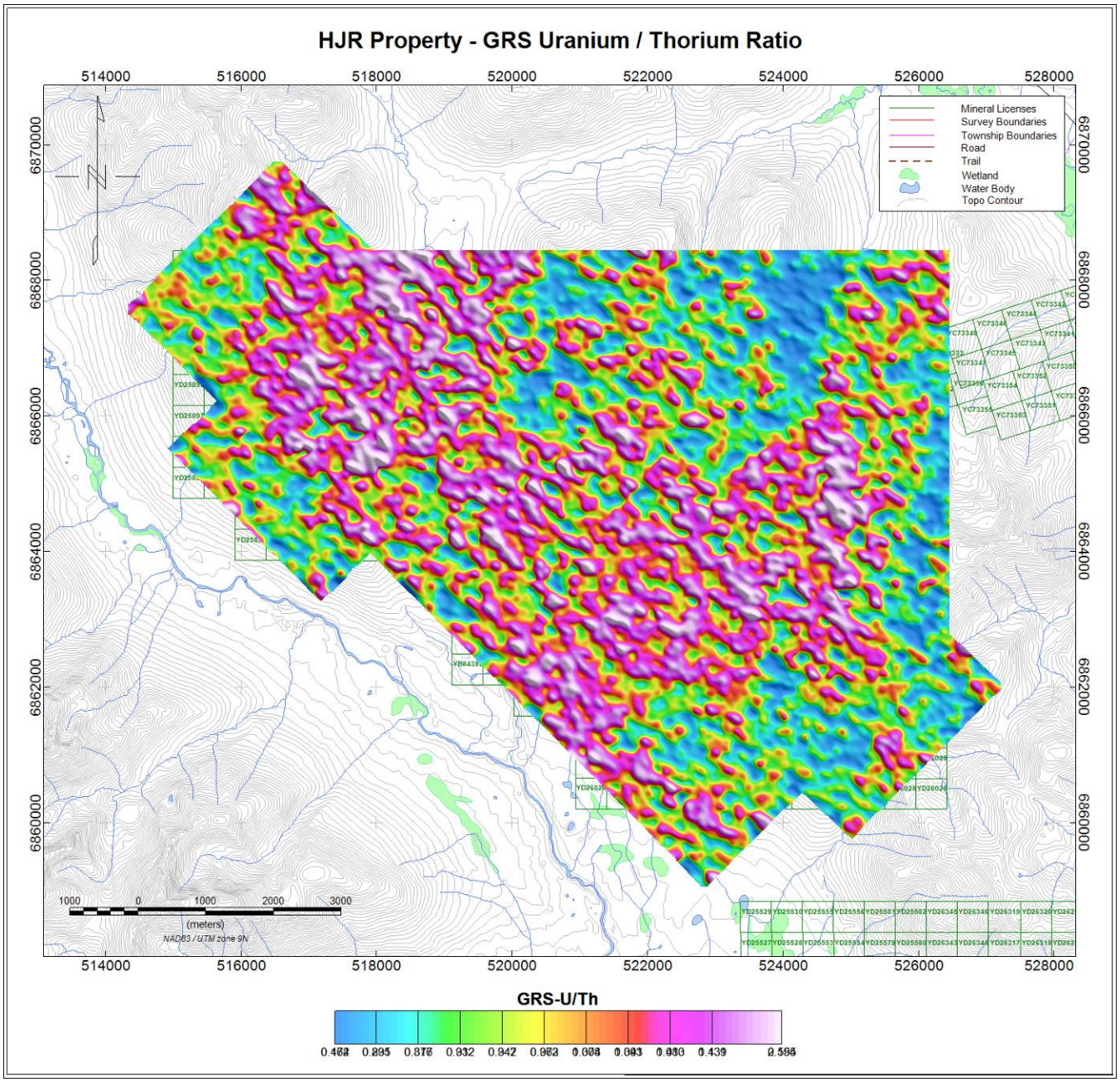



**Figure 33 – Shaded image of the radiometrics Uranium - Thorium ratio over the VF survey area.**

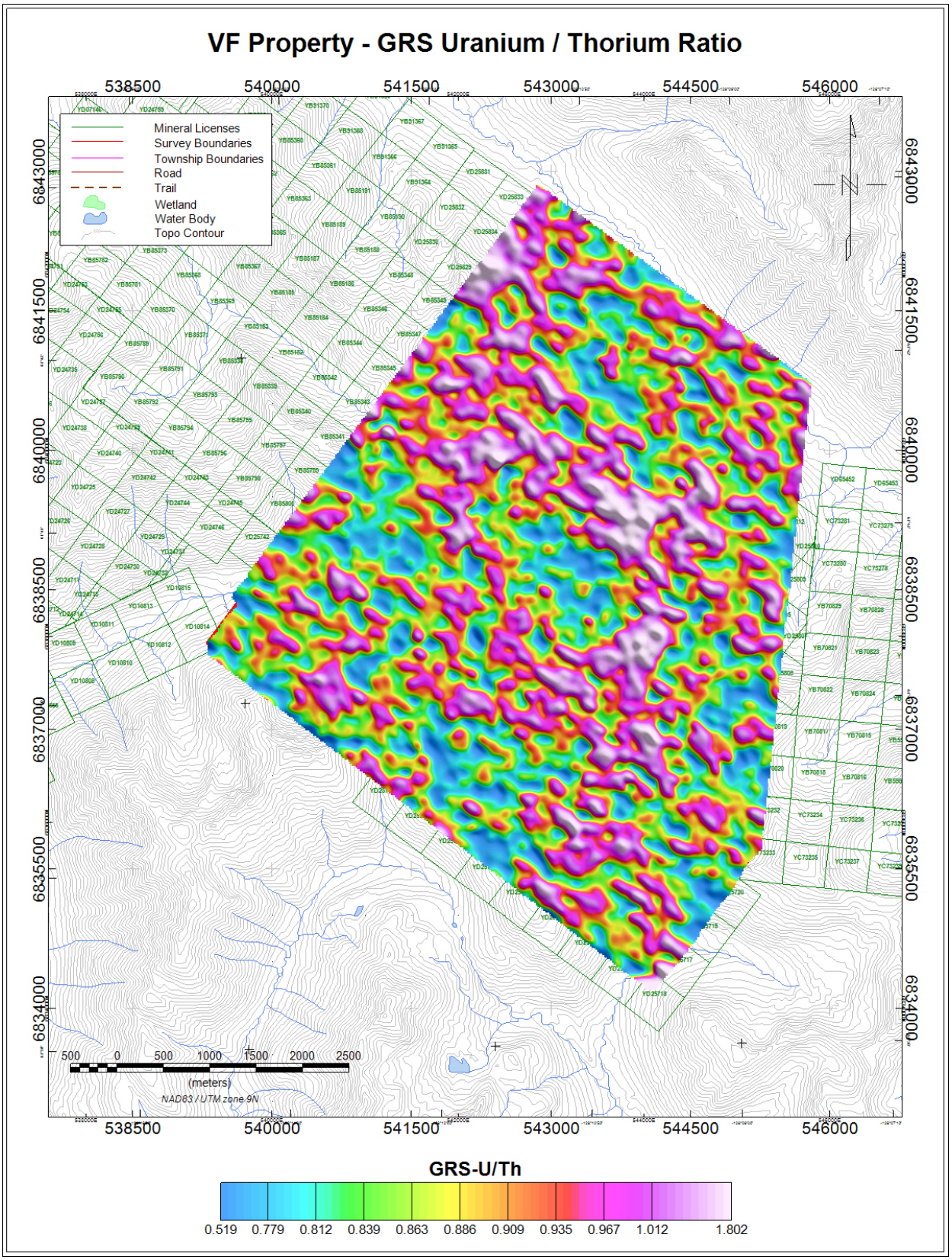



**Figure 34 – Shaded image of the radiometrics Uranium - Thorium ratio over the VF survey area.**

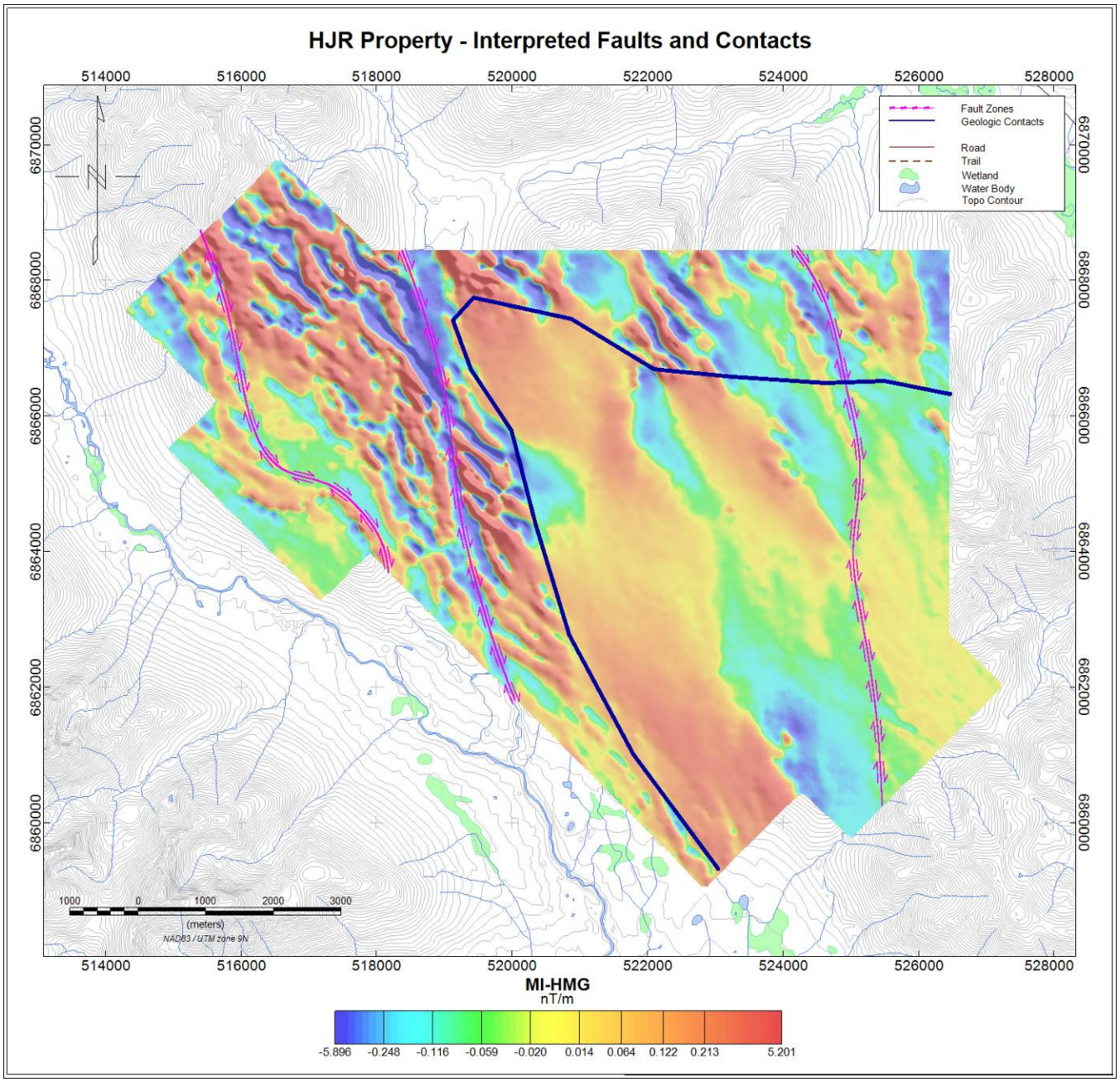



**Figure 35 – MIHMG grid with suggested contacts and faults over the HJR survey area.**

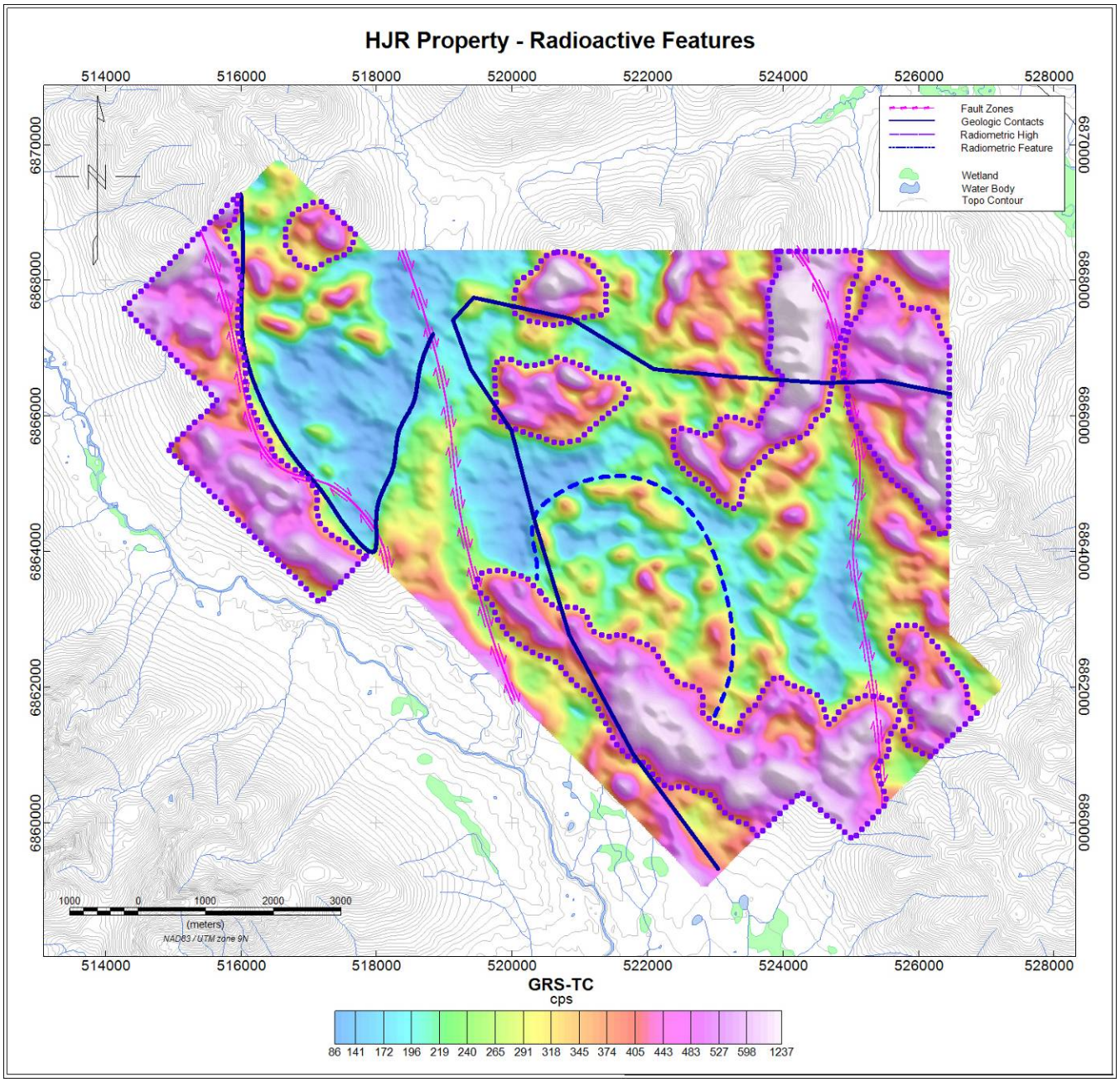



**Figure 36 – Radiometric total count grid delineating areas of high radioactivity and notable features.**

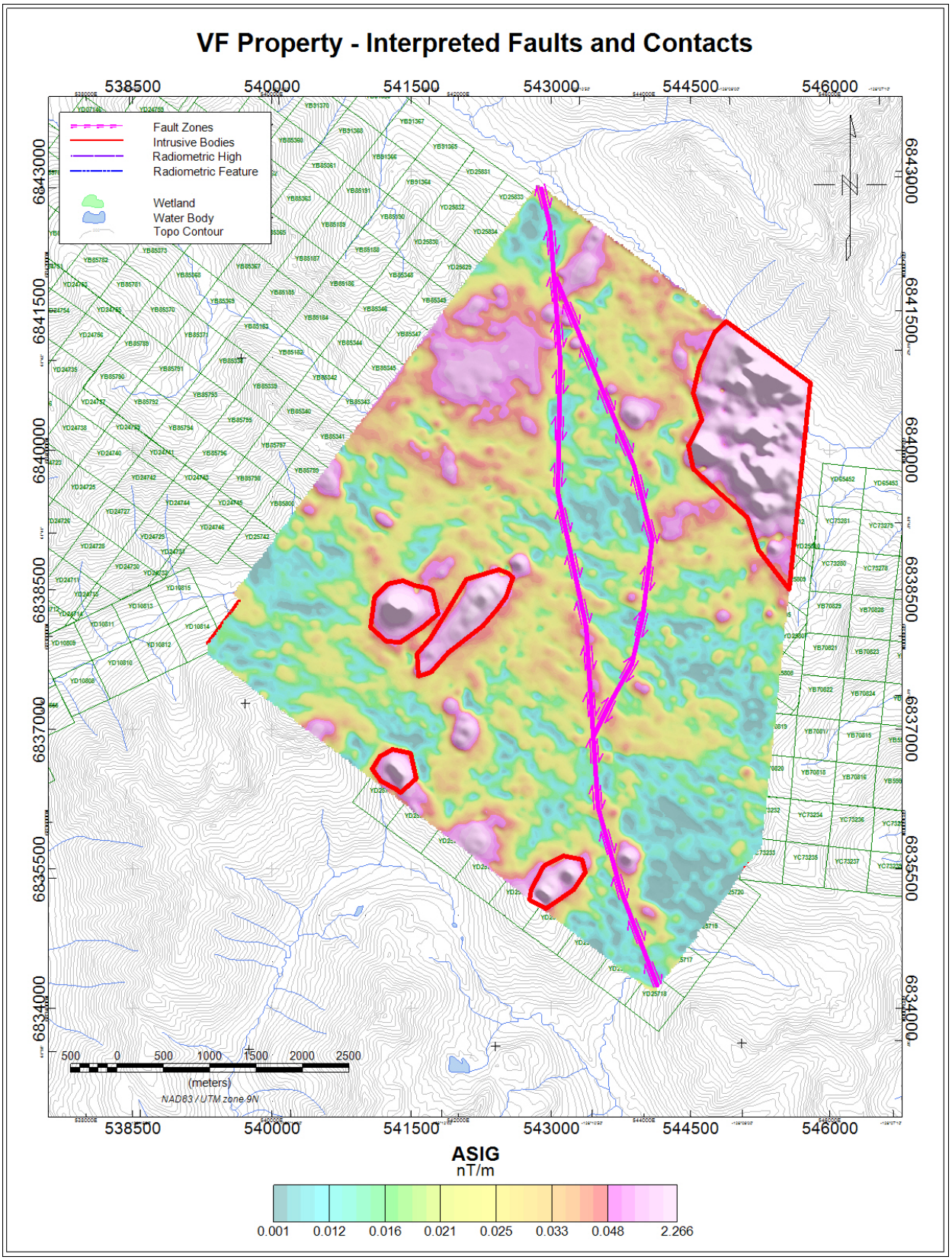



**Figure 37 – ASIG grid with suggested intrusive contacts and faults over the VF survey area.**

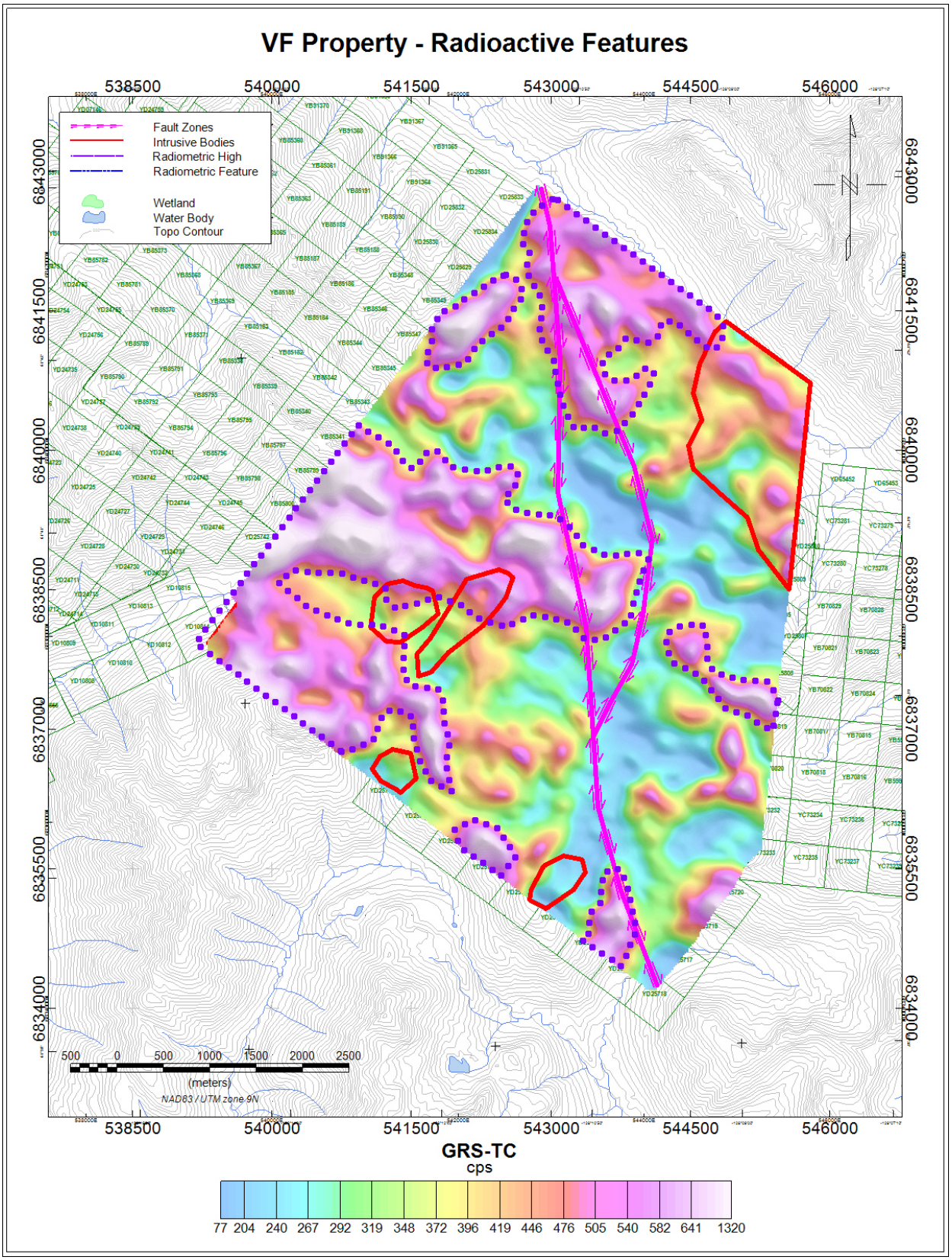



**Figure 38 – Radiometric total count grid delineating areas of high radioactivity over the VF survey area.**

## APPENDIX A
## LIST OF SURVEY OUTLINE POINTS

The following survey polygon was produced by CMG and approved by the Client.

The Datum is NAD-83.

The Projection is UTM, Zone 9 North.

**VF**

| Easting | Northing |
|---|---|
| 542875 | 6842720 |
| 545690 | 6840675 |
| 545150 | 6835625 |
| 544075 | 6834300 |
| 539300 | 6837930 |

**HJR**

| Easting | Northing |
|---|---|
| 516500 | 6869700 |
| 517900 | 6868355 |
| 526355 | 6868355 |
| 526355 | 6862735 |
| 527130 | 6862000 |
| 525000 | 6859900 |
| 524270 | 6860585 |
| 522830 | 6859170 |
| 517900 | 6864120 |
| 517180 | 6863400 |
| 515055 | 6865520 |
| 515770 | 6866225 |
| 514355 | 6867625 |

## APPENDIX B
## LIST OF DATABASE COLUMNS (GEOSOFT GDB FORMAT)

| Channel Name | Description |
|---|---|
| x | X positional data (metres – NAD83, UTM Zone 9 north) |
| y | Y positional data (metres – NAD83, UTM Zone 9 north) |
| lon_wgs84 | Longitude data (degree – WGS84) |
| lat_wgs84 | Latitude data (degree – WGS84) |
| Lines | Line number |
| gpstime | Coordinated Universal Time (UTC) measurement |
| gpsalt | Bird height above sea level (metres – ASL) |
| radalt | Bird height above ground (metres – AGL) |
| DTM | Digital Terrain Model (metres – ASL) |
| Basemag | Base station magnetic diurnal (nT) |
| Mag1 | Sensor 1 - Total Magnetic field data (nT) |
| Mag2 | Sensor 2 - Total Magnetic field data (nT) |
| Mag3 | Sensor 3 - Total Magnetic field data (nT) |
| TMI | Leveled Total Magnetic field data (nT) |
| MC_HMG | Measured Cross-Line Horizontal Magnetic Gradient (nT/m) |
| MI_HMG | Measured In-Line Horizontal Magnetic Gradient (nT/m) |
| M_VMG | Measured Vertical Magnetic Gradient (nT/m) |
| Temperature | Temperature record outside helicopter (ºC) |
| Pressure | Pressure reading outside helicopter (kPa) |
| TC_Corr | Corrected GRS Total Counts (cps) |
| pK | Percent Potassium (%) |
| eU | Equivalent Uranium (ppm) |
| eTh | Equivalent Thorium (ppm) |
| Th_K_Ratio | Thorium / Potassium Ratio |
| U_K_Ratio | Uranium / Potassium Ratio |
| U_Th_Ratio | Uranium / Thorium Ratio |
| VLF1_TF | VLF Total Field (24.8 khz) |
| VLF1_QD | VLF Quadrature(24.8 khz) |
| VLF1_IP | VLF In-Phase (24.8 khz) |
| VLF2_TF | VLF Total Field (25.2 khz) |
| VLF2_QD | VLF Quadrature(25.2 khz) |
| VLF2_IP | VLF In-Phase (25.2 khz) |

**VBA Claims**
(Bearing Resources)

**VM Claims**
(Bearing Resources)

**Big One Property**
(Goldstrike Resources Ltd.)

**Horn Property**
(Ryan Gold Corp.)

**HY Claims**
(Bearing Resources)

**Golden Culvert**
(Stakeholder Gold Corp.)

**Cantung Mine**
(North American Tungsten)

**CanEast Property**
(Ryan Gold Corp.)

**Reef-Jay-Bloom Property**
(Precipitate Resources)

**JAY Claims**
(Bearing Resources)

Bearing Resources
Jay Claims optioned to
Precipate Resources

**3 Ace Project**
(Northern Tiger)

**Sprogge Project**
(Northern Tiger)

**VF Claims**
(Bearing Resources)

**Justin Project**
(Aben Resources)

N.W.T.

YUKON

Map Sheet 105 I

Map Sheet 105 H

Tungsten (Cantung) Airfield

## BASE LEGEND

- Topographic contours (contour interval = 100m)
- Creek / River
- Lake / Pond
- Road
- Trail / cut line
- Bearing Resources Claims
- Other Companies Claims (as at December 12, 2011)

Base from Government 1:50,000 Topography

Projection : UTM
Datum : NAD83 Zone 9

## GEOLOGY LEGEND

MID CRETACEOUS
- mKgS — Intrusives

ORDOVICIAN to DEVONIAN
Road River Group
- ODR — Clastics, chert, limestone
- COR1 — Clastics, chert, limestone

LOWER CAMBRIAN
- ICS — Clastics, limestone
- ICG1 — Clastics

UPPER PROTEROZOIC to LOWER CAMBRIAN
- uPCV — Clastics

Hyland Group
- PCH — Undivided sediments
- PCH1 — Clastics, limestone
- PCH2 — Limestone
- PCH3 — Slate
- PCH4 — Clastics, limestone

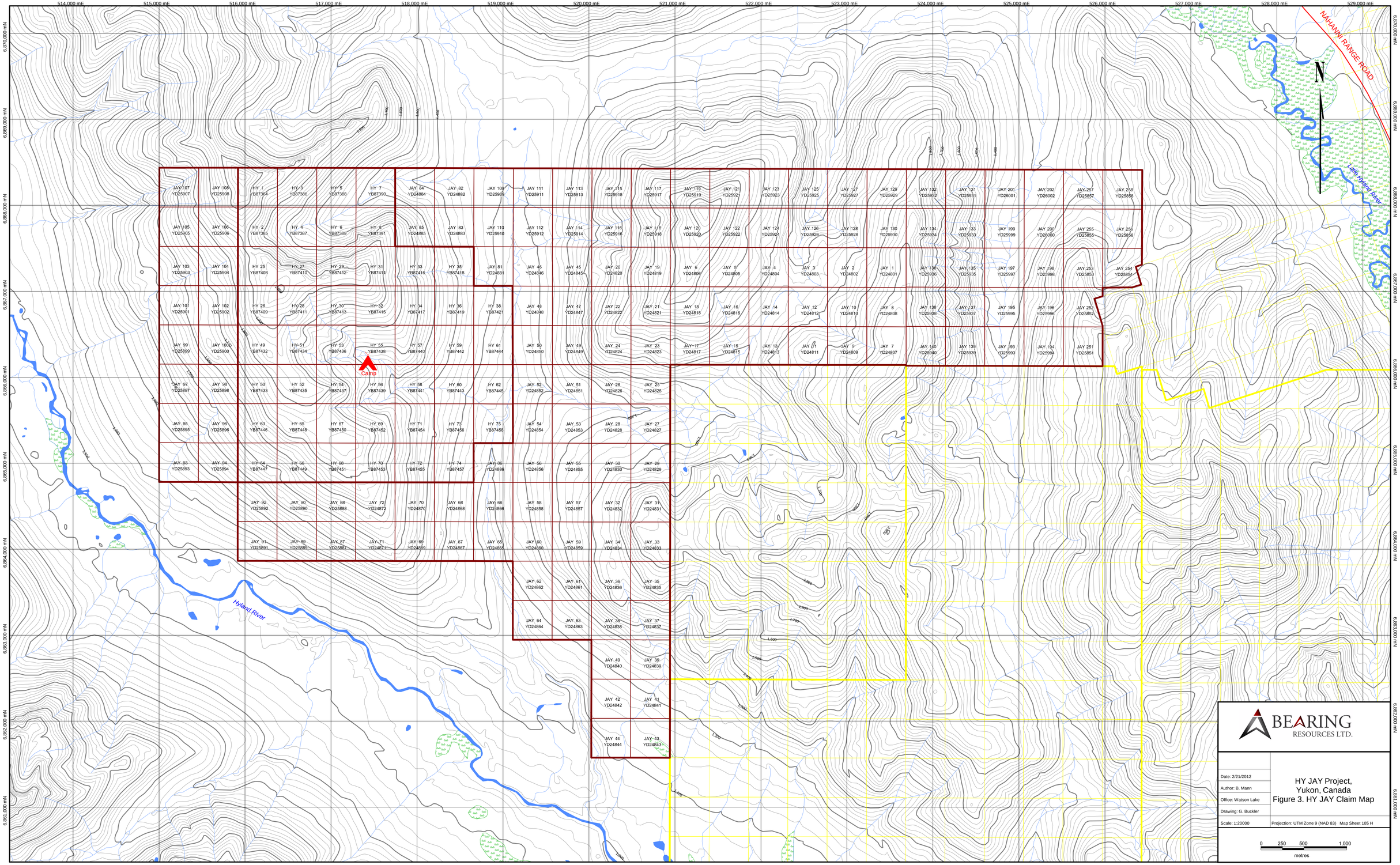
Geological contact

Fault

BEARING RESOURCES LTD.

| | |
|---|---|
| Date: 03/01/2012 | HY JAY Project |
| Author: B. Mann | Yukon, Canada |
| Office: Watson Lake | Figure 2. Regional Geology |
| Drawing: G Buckler | |
| Scale: 1:100000 | Projection: UTM Zone 9 (NAD 83) Map Sheets 105H & 105I |

0 2.5 5
kilometres




BEARING RESOURCES LTD.

| | |
|---|---|
| Date: 2/21/2012 | HY JAY Project, Yukon, Canada<br>Figure 3. HY JAY Claim Map |
| Author: B. Mann | |
| Office: Watson Lake | |
| Drawing: G. Buckler | |
| Scale: 1:20000 | Projection: UTM Zone 9 (NAD 83) Map Sheet 105 H |

0 250 500 1,000
metres

6870000 mN
6869000 mN
6868000 mN
6867000 mN
6866000 mN
6865000 mN
6864000 mN
6863000 mN

527000 mE
528000 mE
529000 mE

NAHANNI RANGE ROAD

N

Camp

HYLAND RIVE

**GEOLOGICAL LEGEND**

- Thick-bedded, dark grey weathering to green, massive to sporadically foliated, quartz-pebble conglomerate and coarse-grained, grey to orange, arkosic sandstonewith minor polymictic, cobble-conglomerate debris flows. Rare, interbedded, thin to very thin dark grey shale and light grey phyllite.
- Fine- to medium-grained, massive to laminated, orage to grey, arkosic sandstone and abundant grey to tan phyllite. Minor grey, medium-grained quartzite, sericite schist, dark grey shale and slate, and green to purple argillite.
- Grey, noon-calcareous, fine- to medium-grained quartzite with interbedded, fine- to medium-grained, orange, weak to strongly calcareous sandstone and fine- to coarse-grained calcarenite. Rare, light grey, laminated limestone, calcareous mudstone, and limestone-cobble conglomerate. Minor interbedded non-calcareous, grey to tan phyllite.
- Alternating, dark green and purple argillite with minor, interbedded, light grey to tan phyllite, and fine- to medium-grained non-calcareous arkosic sandstone.

- Outcrop outline
- Lithological contact (dashed - inferred)
- Fault (dashed - inferred)
- Synform axis, plunging in direction of arrow (dashed - inferred)
- Bedding orientation
- S_0 foliation orientation

Geological Map created by Simon Craggs

BEARING RESOURCES LTD.

| | |
|---|---|
| Date: 3/1/2012 | HY JAY Project, Yukon, Canada Figure 4. Property Geology |
| Author: S. Craggs | |
| Office: Watson Lake | |
| Drawing: G. Buckler | |
| Scale: 1:20000 | Projection: UTM Zone 9 (NAD 83) Map Sheet 105 H |

0 250 500 1,000
metres

514,000 mE 515,000 mE 516,000 mE 517,000 mE 518,000 mE 519,000 mE 520,000 mE 521,000 mE 522,000 mE 523,000 mE 524,000 mE 525,000 mE 526,000 mE 527,000 mE 528,000 mE 529,000 mE

6,870,000 mN 6,869,000 mN 6,868,000 mN 6,867,000 mN 6,866,000 mN 6,865,000 mN 6,864,000 mN 6,863,000 mN 6,862,000 mN 6,861,000 mN

NAHANNI RANGE ROAD

N

Little Hyland River

Hyland River

West Zone

East Zone

Camp

Zig Zag Zone

Rocks - Au (ppb)

| | | |
|---|---|---|
| 1,000 to 100,000 | (8) | |
| 300 to 1,000 | (8) | |
| 100 to 300 | (6) | |
| 0 to 100 | (68) | |

Soil - Au (ppb)

| | | |
|---|---|---|
| 100 to 730 | (5) | |
| 40 to 100 | (15) | |
| 16 to 40 | (49) | |
| 9 to 16 | (108) | |
| 0 to 9 | (568) | |

Silt - Au (ppb)

| | |
|---|---|
| 30 to 1,000 | |
| 20 to 30 | |
| 15 to 20 | |
| 10 to 15 | |
| 0 to 10 | |

Solid Shapes - 2011 Samples
Outline Shapes - 2010 & 2000 Samples

2011 Samples are labled with Sample # and Gold in ppb unless otherwise stated.

BEARING RESOURCES LTD.

Date: 3/1/2012
Author: B. Mann
Office: Watson Lake
Drawing: G. Buckler
Scale: 1:20000

# HY JAY Project, Yukon, Canada
## Figure 5. Geochemistry Gold

Projection: UTM Zone 9 (NAD 83) Map Sheet 105 H

0 250 500 1,000
metres