# YUKON OLYMPIC PROJECT
# Assessment Report
on the
# 2005 Drill Program
on the following claims:

| Grant No. | Claim Name |
|---|---|
| YC19966-YC19971 | HEM1-HEM6 |
| YC20973-YC21034 | HEM1-HEM62 |
| YC21607-YC21610 | HEG13-HEG16 |
| YC21613-YC21614 | HEG19-HEG20 |
| YC21615-YC21620 | HEM123-HEM128 |
| YC21711-YC21760 | HEM219-HEM268 |
| YC21812 | HEM320 |
| YC21814-YC21826 | HEM322-HEM334 |
| YC33691-YC33712 | NHEM1-NHEM22 |
| YC33715-YC33719 | NHEM25-NHEM29 |

Dawson Mining Division
NTS 116G/01
Yukon Territory

NTS sheet 116G/01
138° 12' north latitude and 65° 03' west longitude

Property owned by:
**Shawn Ryan**
Box 213
Dawson City, YT Y0B 1G0

Program carried out by:
**Janina Resources Limited**
615 - 1030 West Georgia Street
Vancouver, B.C. V6E 2Y3

Report written by
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KGE Management Ltd.

January 10, 2006

# SUMMARY

This report has been prepared at the request of Janina Resources Limited (:"Janina") to provide a description of the Yukon Olympic iron oxide copper-gold ("IOCG") project, to summarize the results of the 2005 drilling program and to make recommendations for further work on the property.

The Yukon Olympic property saw limited exploration in the 1990's, but has not seen serious exploration activity until it was acquired by Copper Ridge Explorations Inc. from prospector Shawn Ryan in 2001. Since that time, various geophysical surveys, including magnetics, gravity and Induced Polarization have been carried out. The target deposit model is a copper and gold-bearing iron oxide deposit ("IOCG") similar to the numerous occurrences in the Wernecke Mountains to the east and the Monster and Olympic properties in the Ogilvie Mountains to the west. The classic example is the giant Olympic Dam copper-gold uranium deposit in Australia.

Iron-rich breccias, locally with associated copper mineralization, have been noted at several locations within the property. However, the geophysical studies, particular the gravity surveys, suggest that the main target is just below an unconformity where the host Quartet Group Proterozoic sediments are covered by Paleozoic Bouvette Group carbonates.

In 2002, Canadian Empire Exploration Ltd. optioned the property from Copper Ridge and drilled two holes. The first of these, at the western end of the large gravity anomaly, failed to penetrate the overlying Paleozoic carbonates rocks. The second, a short hole at the Highway showing, well away from the main gravity anomaly, did encounter a weak zone of breccia with minor copper mineralization.

Janina Resources Limited optioned the property from Copper Ridge and carried out further gravity, magnetics and IP surveys. This work refined the Blackstone target, located at the eastern end of the main gravity anomaly trend, along the edge of the unconformity where the Paleozoic cover was expected to be minimal.

Janina's 2005 drill program included 5 holes, for a total of 527.1 m, from three set-ups. The first hole failed to reach bedrock. The other four holes all encountered iron-rich breccia mineralization and related mafic intrusive rocks from top to bottom, with extensive but low grade copper mineralization occurring through most of the core. Drill hole selection was limited by available drill sites. It appears that the intersections from the current drilling are still on the fringes of the main gravity and IP anomalies and do not reflect the causative feature of these anomalies.

A two stage exploration program is recommended for 2006. Phase 1 would include a complete review of the geological and geophysical survey data over the Blackstone anomaly. This would be followed by an early season program of IP, Magnetics and gravity designed to clearly define the Blackstone gravity anomaly and related magnetic and IP features. This would be followed by a Phase 2 drill test including up to 1,200 m of core drilling in 3 to 4 holes.

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# INTRODUCTION AND TERMS OF REFERENCE

This report has been prepared at the request of Janina Resources Limited (“:Janina”) to provide a description of the Yukon Olympic iron oxide copper-gold (“IOCG”) project, to summarize the results of the 2005 drilling program and to make recommendations for further work on the property.

Sources of information on the area geology include a regional compilation by the Geological Survey of Canada (Gordey and Makepeace, 1999), an assessment report on the initial gravity and magnetics surveys carried out by Copper Ridge (Carlson, 2003), a report on the 2002 drill program on the Yukon Olympic property (Thurston and Roberts, 2003), the report on the 2003 gravity, magnetic and IP surveys on the property (Thurston, 2003) and a 43-101 report prepared for Janina describing additional gravity and IP surveys carried out in early 2004 (Robertson, 2004).

The author has visited the property several times during the period 2002 to 2005 and was present during the course of part of the drill program reported on in this report. The drill program, consisting of 527.1 m of HQ core drilled in 5 holes was contracted to Advanced Drilling of Surrey, British Columbia, under the supervision and management of Copper Ridge Explorations Inc. Helicopter support was provided by Prism Helicopters of Pitt Meadows, British Columbia.

# PROPERTY DESCRIPTION AND LOCATION

## Property Description

The Yukon Olympic property consists of 272 quartz mining claims, approximately 5,359 hectares, located in the Dawson Mining Division, NTS 116G/01, Yukon Territory, Canada, as more fully described below in Table I (the “Property”).

According to the terms of a letter agreement dated May 9 2002, between Copper Ridge Explorations Inc. (“Copper Ridge”) and Mr. Shawn Ryan, Copper Ridge has an option to acquire a 100% interest in the Property, subject to a 1.5% NSR. On March 18, 2004 Copper Ridge reported that it had reached an agreement with Janina Resources Limited (“Janina”) whereby Janina will have the right to earn a 51% interest in the Property.

# ACCESSIBILITY AND PHYSIOGRAPHY

## Location and Access

The Property is located in the Ogilvie Mountains approximately 134 kilometers north-northeast of Dawson City in north central Yukon (Figure 1). The claims are located in the Dawson Mining Division, NTS sheet 116G/01, centred at 138° 12' north latitude and 65° 03' west longitude.

The claims straddle the Dempster Highway, from the northwest corner of the claim block north of Engineer Creek at kilometer 161, to the southeast corner east of the Blackstone River at kilometer 142. The 2005 drilling program was supported from Blackstone Outfitter's base camp located just south of the Chapman Lake airstrip on the Dempster Highway.


**Figure 1: Yukon Olympic Project Yukon location.**

## Accessibility, Infrastructure, Climate, Physiography, and Local Resources

Dawson City is the closest community to the Yukon Olympic property and can adequately support exploration programs in the area. The property is easily accessed by road or helicopter from Dawson City. The average driving time from Dawson City to the property is 2 to 2.5 hours. The Dempster Highway runs through the center of the property along the west of the Blackstone River. The claim area east of the Blackstone River is accessible by boat or by helicopter. Most of the property can be accessed by foot. Federal law restricts motorized-wheeled vehicles from leaving the highway right-of-way without a permit.

Elevations range from approximately 850 meters in the Blackstone River valley to approximately 1600 meters on the ridge south of the central part of the property. The property area is covered by permafrost-tundra to sparse treed areas to rocky talus slopes. The majority of the claim group is above tree line. Climate is typical for northern Yukon, with long cold winters, and warm, typically dry summers. Snow accumulation within the property area is normally minimal due to low precipitation and high winds through the pass along the Dempster Highway. By April most of the snow has disappeared.

The exploration field season usually runs from early June until mid-September. However, geophysical surveys and drill programs can extend the field season from March through October. The migration of the Dempster-Porcupine caribou herd has been known to pass by or through the claim area.

## List of Claims

Yukon Olympic property consists of a total of 272 claims that are listed below:

**Table I**

**Yukon Olympic Property Claims**

| Claim Name | Grant No. | Expiry | Owner | NTS | No. |
|---|---|---|---|---|---|
| HEG 1 – 7 | YC21595 – YC21601 | 2-Aug-09 | Shawn Ryan | 116-G-01 | 7 |
| HEG 9 - 12 | YC21603 - YC21606 | 2-Aug-09 | Shawn Ryan | 116-G-01 | 4 |
| HEG 13 – 17 | YC21607 – YC21611 | 8-Aug-09 | Shawn Ryan | 116-G-01 | 5 |
| HEG 19 – 20 | YC21613 – YC21614 | 8-Aug-09 | Shawn Ryan | 116-G-01 | 2 |
| HEM 1 – 6 | YC19966 – YC19971 | 2-May-13 | Shawn Ryan | 116-G-01 | 6 |
| HEM 1 – 62 | YC20973 – YC21034 | 7-Sep-12 | Shawn Ryan | 116-G-01 | 62 |
| HEM 63 – 78 | YC21035 – YC21050 | 7-Sep-08 | Shawn Ryan | 116-G-01 | 16 |
| HEM 79 – 88 | YC21135 – YC21144 | 29-Nov-08 | Shawn Ryan | 116-G-01 | 10 |
| HEM 123 – 128 | YC21615 – YC21620 | 8-Aug-09 | Shawn Ryan | 116-G-01 | 6 |
| HEM 129 – 178 | YC21621 – YC21670 | 8-Aug-06 | Shawn Ryan | 116-G-01 | 50 |
| HEM 181 – 190 | YC21673 – YC21682 | 8-Aug-06 | Shawn Ryan | 116-G-01 | 10 |
| HEM 219 – 268 | YC21711 – YC21760 | 8-Aug-09 | Shawn Ryan | 116-G-01 | 50 |
| HEM 317 - 319 | YC21809 – YC21811 | 8-Aug-06 | Shawn Ryan | 116-G-01 | 3 |
| HEM 320 | YC21812 | 4-Aug-09 | Shawn Ryan | 116-G-01 | 1 |
| HEM 322 – 333 | YC21814 – YC21825 | 4-Aug-09 | Shawn Ryan | 116-G-01 | 12 |
| HEM 334 | YC21826 | 8-Aug-09 | Shawn Ryan | 116-G-01 | 1 |
| NHEM 1 – 22 | YC33691 – YC33712 | 15-Jun-10 | Shawn Ryan | 116-G-01 | 22 |
| NHEM 25 – 29 | YC33715 – YC33719 | 15-Jun-10 | Shawn Ryan | 116-G-01 | 5 |
| **Total** | | | | | 272 |

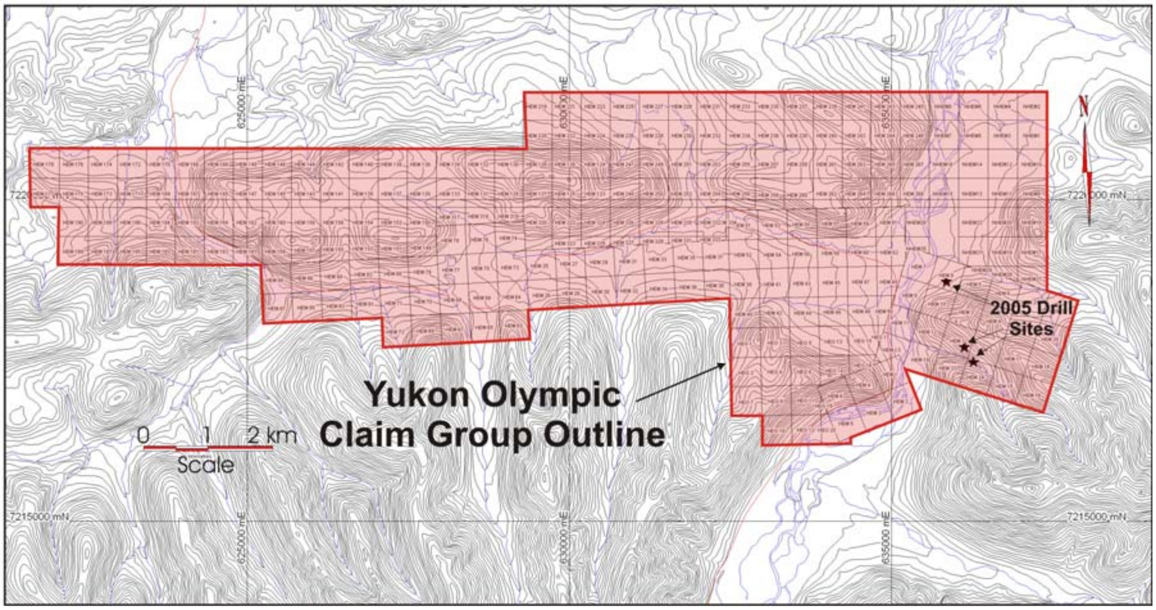


**Figure 2: Yukon Olympic Property claim map.**

# HISTORY

## Property Ownership and Exploration History

Although the area has been prospected over the years and copper showings have been known in this area along the Dempster Highway since the 1950's, no previous exploration work on the property is reported prior to 1993. Recent exploration activity is listed below:

1993 Pamicon Developments Ltd. and Equity Engineering Ltd. jointly conducted a small work program consisting of limited geological mapping, prospecting and soil geochemical sampling. This work was carried out on the Devil claims (now known as HEM 1-6 claims) located on the west side of the Dempster highway at approximately kilometer 134. A total of 21 rock samples and 32 soil samples were collected and assayed. The claims were allowed to lapse in 1994.

2001 Shawn Ryan prospected the area of the Devil claims and re-staked the ground.

2002 Copper Ridge acquired an option from Shawn Ryan. In June and July of 2002, Copper Ridge contracted Aurum Geological Consultants Inc. ("Aurum Geological") to carry out a Phase I exploration of the Property. Work included regional scale mapping in the area east of Blackstone River in the Spectacular Creek valley and the laying out of 110 km of grid lines, over which 95 km of ground magnetic surveys, covering an area of approximately 20km (E-W) by 10km (N-S), were carried out by Ryanwood Explorations Inc. The survey identified a large magnetic anomaly measuring 2.5 kilometers by 1.5 kilometers. In addition, between July 15 and August 3, Aurora Geosciences Ltd. ("Aurora Geosciences") was contracted to conduct a gravity survey on the Property. A total of 261 points were surveyed in an area of approximately 20 km (E-W) by 10 km (N-S). The survey identified a large Bouguer gravity anomaly measuring 8 km by 1 km.

2002 In the fall of 2002, Copper Ridge optioned the Property to Canadian Empire Exploration Ltd. ("Canadian Empire"). Canadian Empire contracted SJ Geophysics Ltd. to assess and model the gravity data collected by Aurora Geosciences. A 4-kilometer by 10-kilometer block was extracted from the raw Bouguer gravity data to create an inversion model to determine the causative source of the gravity feature. A block model showing the distribution of densities defined three high density targets.

2002 During the fall of 2002, a diamond drill program was conducted on the Property by Canadian Empire, contracted to E. Caron Diamond Drilling Ltd. from Whitehorse. Drilling commenced October 30, 2002 and was completed on November 22, 2002. A total of 773.43 meters were drilled in two holes. The first hole focused on the modeled gravity target in the western part of the Property. Unfortunately, the hole failed to penetrate the overlying carbonate rocks and did not reach the target. The second hole, drilled at the Highway showing, intersected breccia but only minor copper values.

2003 Canadian Empire contracted Aurora Geosciences to completed IP, magnetics and gravity surveys on four widely spaced, north-south lines across the gravity anomaly, for a total of 20.25 km, covering an area roughly 10 km by 5 km. Ryanwood Explorations cut the lines and collected ground magnetometer readings. Using 250 m dipole spacings, the IP survey penetrated to depths of in excess of 500 m and was unable to detect the unconformity on the western side of the Property.

2004 Canadian Empire dropped their option and the property was returned to Copper Ridge. Janina subsequently acquired an option on the property and contracted Aurora Geosciences to complete a winter program of detailed gravity survey accompanied by magnetics and IP at the eastern end of the main gravity trend. Ryanwood was contracted establish a grid of 6 lines for a total of 31.05 km. The survey successfully defined the gravity and magnetic details of the eastern or Blackstone anomaly, while the IP survey provided useful results on only one line due to the frozen ground.

# GEOLOGICAL SETTING

## Regional Geology

Reconnaissance mapping of the Ogilvie River 1:250,000 map sheet (116G & 116F) was conducted by the Geological Survey of Canada (Norris, 1979). The majority of the map sheet consists of strongly deformed marine and lesser non-marine, arkosic sedimentary rocks from Cretaceous to Cambrian in age that unconformably overlie the oldest rocks exposed in the map sheet, consisting of Proterozoic Quartet Group argillite, shale and siltstone. The Proterozoic sedimentary rocks have been intruded by gabbro and hematite breccia bodies, also of Proterozoic age. The following list provides a brief description of the sedimentary rocks observed within the immediate vicinity of the Property:

| Formation | Description |
|---|---|
| Ford Lake Formation (Upper Devonian – Permian) | generally fine to coarse grained clastic succession equivalent to Canol, Imperial and (?) Tuttle assemblages |
| Bouvette Formation (Upper Cambrian – Lower | grey and buff weathering dolomite and limestone, medium to thick bedded; white to Devonian) light grey weathering, massive dolomite; minor platy black argillaceous limestone, limestone conglomerate, and black shale; massive bluish-grey weathering dolostone |
| Road River Group (Cambrian – Devonian) | black graptolitic shale, limestone and minor chert with mappable subdivisions |
| Quartet Group (Lower Proterozoic) | black weathering shale, finely laminated dark grey weathering siltstone, and thin to thickly interbedded planar to cross laminated light grey weathering siltstone and fine grained sandstone; minor interbeds of orange weathering dolostone in upper part |

The property lies along a major, east-west trending crustal structure as indicated by regional aeromagnetics. The westerly trend includes the Monster and Olympic IOCG properties, in the Ogilvie Mountains to the west. It can be seen that the Yukon Olympic property occurs at a flexure point along the structure coincident with a large magnetic high, possibly reflecting a buried intrusive center.

Recent studies have suggested that the Stuart Shelf area of Australia, a crustal segment that hosts the Olympic Dam Cu-Au-Ag-U deposit, and the Ogilvie-Wernecke trend in the Yukon were a part of the same land mass 1.6 billion years ago, at the time of breccia formation (Figure 3). This work also suggests that the breccias and mineralization in both areas formed in response to extensional tectonics and related intrusive activity that affected the entire belt.

# DEPOSIT TYPE

The geological setting the Yukon Olympic property is thought to be favorable for hosting Olympic Dam style copper-uranium-gold-silver breccia type deposits. The Olympic Dam deposit contains a resource of the order of 2000Mt containing 1.6% Cu, 0.06% $U_3O_8$, 0.6 g/t Au and 3.5 g/t Ag (Scott, 1987). The deposit occurs within a 5 kilometer by 7 kilometer zone of apparently fault controlled brecciation and alteration cored by a diatreme complex and developed entirely within granite dated at 1588±4Ma (Johnson and Cross, 1995). The diatreme is intruded by many ultramafic, mafic and felsic dykes which are temporally related to the diatreme. Economic IOCG deposits in Australian Proterozoic terrains are extremely variable in character ranging from very large (Olympic dam) to small, high grade deposits such as those near Tennant Creek and Eloise in the Cloncurry district. The iron-oxide association varies from magnetite-dominated (e.g. Ernest Henry) to hematite-dominated (e.g. Olympic Dam). Iron sulfides present vary from pyrite (e.g. Olympic Dam, Starra), to pyrrhotite (e.g. Eloise) or both (e.g. Mt. Elliott). Chalcopyrite is commonly the only significant copper mineral but some deposits, such as Olympic Dam and Starra, have hypogene bornite and chalcocite. Copper to gold ratios (Cu:Au) vary substantially among deposits and there is no single consistent minor element association. However, there is a distinctive association with fluorine, barium, rare earth elements and uranium. Cobalt and molybdenum are commonly present at near economic levels while bismuth shows a specific and extreme enrichment in certain deposits. Some deposits also contain amounts of arsenic that become a concern in smelting (Oreskes and Hitzman, 1993).

# MINERALIZATION

Mineralization within the Yukon Olympic property is associated with hematitic breccias and gabbro intrusives that are exposed at several locations within the property. The largest exposure is an area measuring approximately 1.5 by 1 kilometers within the Spectacular Creek valley, east of the Blackstone River (see Figure 10). The breccias occur within the Proterozoic shale and siltstones just below an unconformity with overlying Paleozoic carbonate rocks. Although detailed study of the breccia bodies has not been carried out, there appear to be two distinct varieties. One type is a pink to pale colored multilithic breccia with disseminated hematite common in a fine-grained matrix, while the other is darker green, chloritic variety and often has more massive hematite. The latter breccia variety is associated with mafic intrusive rocks and has slightly elevated magnetic susceptibility. Copper mineralization observed to date is most often associated with the chloritic breccia as well as with the mafic intrusive rocks.

Although none of the breccia bodies have been systematically or adequately sampled on surface, grab rock samples from the property have shown that the breccias are locally enriched in copper, cobalt, fluorine, rare earth elements and barium, with local minor gold and uranium enrichment. Chalcopyrite, malachite and locally bornite mineralization have been observed within the breccias and related intrusive rocks throughout the property. Analysis of grab samples has returned values up to 0.9% Cu. Minor cobalt mineralization has also been observed (Carlson, 2003).

During late 2002 a single short hole, YO02-02, was drilled off the Dempster highway into the Highway breccia occurrence. Hematitic breccia was intersected from the collar to a depth of 32 meters and contained anomalous copper values. Secondary copper oxide mineralization occurred along fractures within the overlying Paleozoic limestone in drill hole YO02-01 suggests possible copper remobilization from a nearby source. A detailed account of the mineralization encountered during the 2002 drilling program is reported in Thurston and Roberts (2003).

# PREVIOUS EXPLORATION RESULTS

## Regional Geophysical Surveys

### Aeromagnetic Survey

The NTS 116G01 map area was flown by the Geological Survey of Canada ("GSC") between October 1, 1965 and April 30, 1966. In addition to Total Field aeromagnetic coverage the GSC calculated the first vertical derivative of the survey data. The first derivative maps tend to emphasize structural tends and the magnetic contrast between adjacent rock units.

The following Figure 3 shows survey coverage from 64° 30'N to 65° 45'N and from 137° W to 140°W. The locations of the Monster and Olympic Properties and the outline of the Yukon Olympic claim boundaries are shown for reference. The property is believed to lie along a major crustal structure. The calculated first derivative map highlights this trend along with the Monster and Olympic IOCG properties that occur along it in the Ogilvie Mountains to the west. The Yukon Olympic property is situated on a pronounced arcuate magnetic high that could be related to a buried intrusive body.

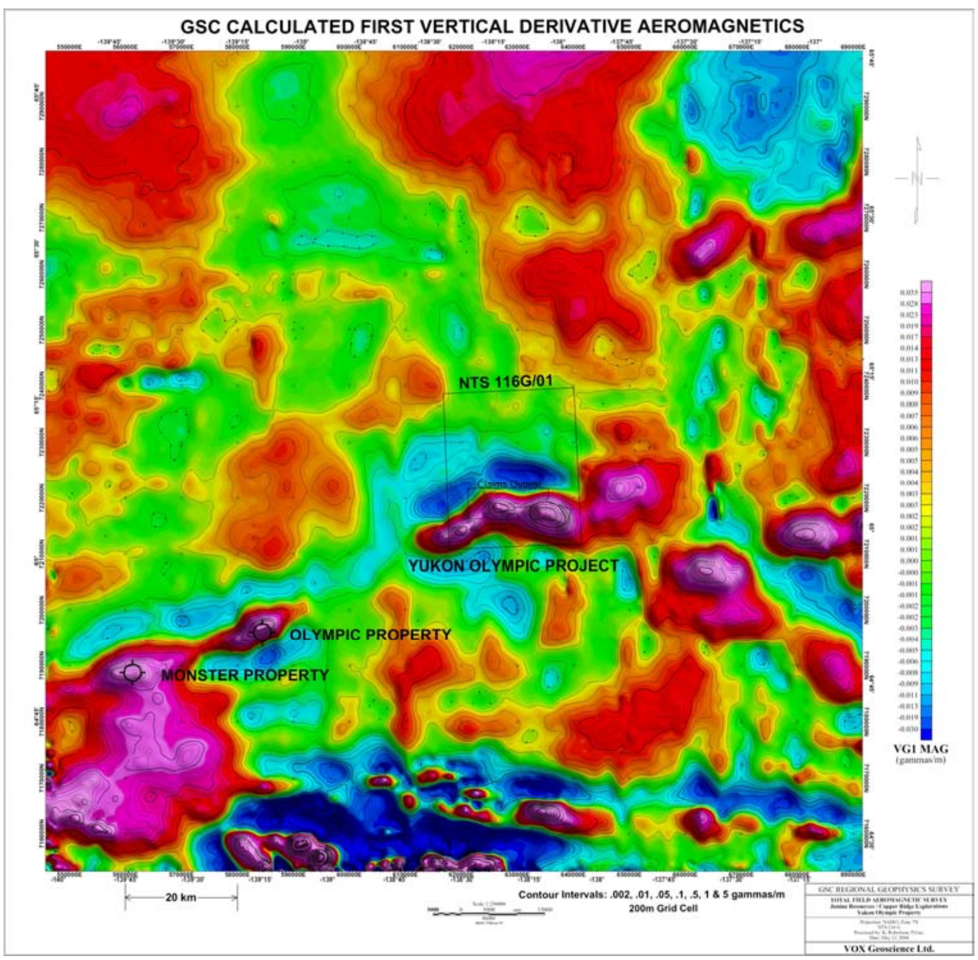


**Figure 3. Regional calculated first derivative magnetic map.**

The following figure is a window of the previous map showing the details of the calculated first vertical derivative aeromagnetic coverage within and surrounding the Property. The flexure in the structure is quite apparent.

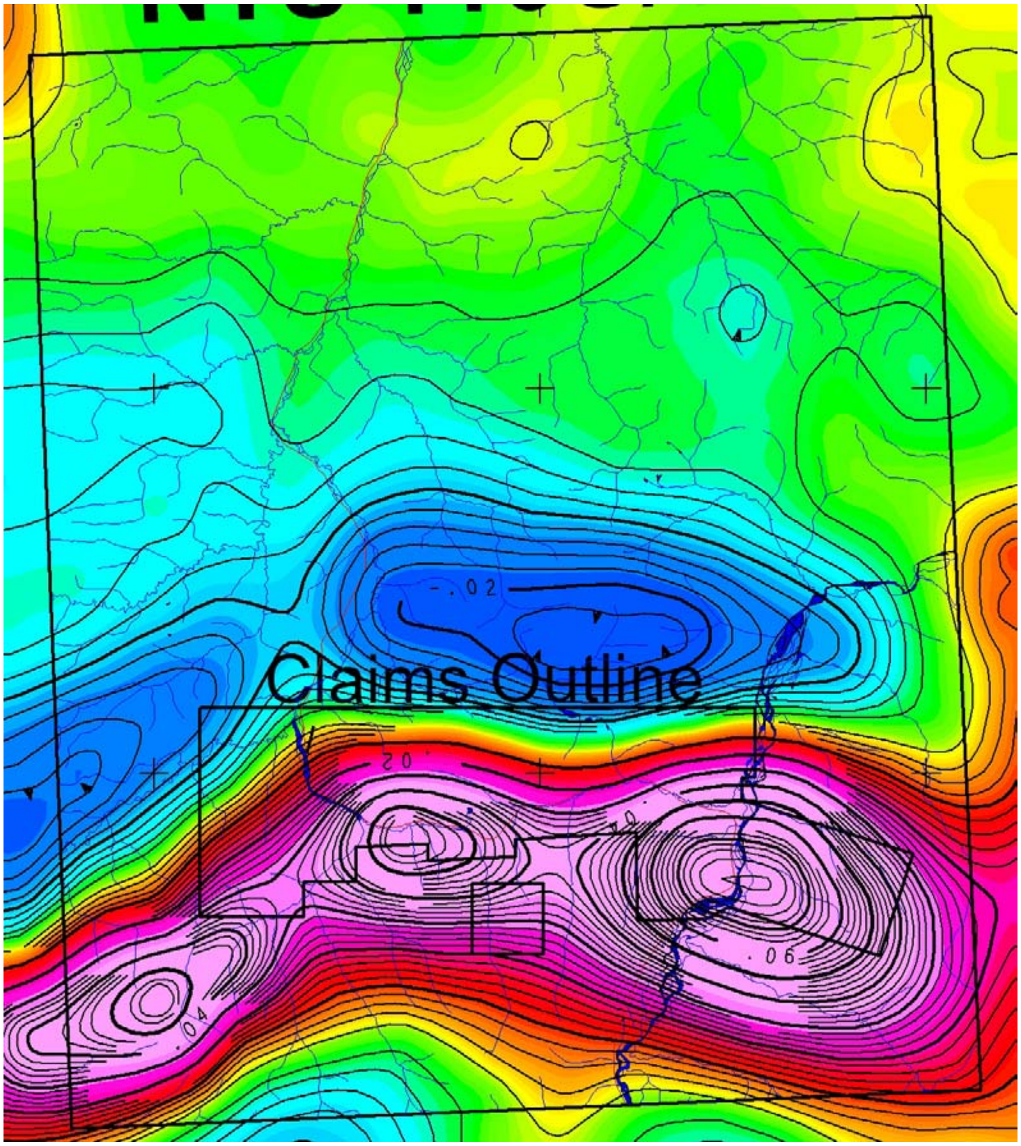


**Figure 4. Calculated first derivative magnetics over area of Property.**

## GSC Regional Bouguer Gravity Network

The Geological Survey of Canada has, over many years, built a regional gravity network where gravity stations were established every 10 to 15 kilometers. The Yukon Olympic claim block is observed to lie on the south flank of a pronounced regional gravity high. A distinct gravity low trough is outlined on the east side of the Ogilvie Mountains.

## Property Scale Geophysics

### Gravity Surveys

Figure 6 shows the detailed Property gravity with the merged 2002, 2003 and 2004 data sets. A distinct gravity high with a strike length of 9 kilometers, width of 3 kilometers and maximum amplitude of between 4 and 5 milligals is mapped on the west side of the property. This gravity high is coincident with the high defined by the GSC regional survey. In addition, two more gravity highs are mapped on the east side of the property, one on the west side of and straddling the Blackstone River and one more or less coincident with the Spectacular Creek hematite showing. These gravity highs have amplitudes of approximately 2 milligals and are the focus of the 2005 exploration program.

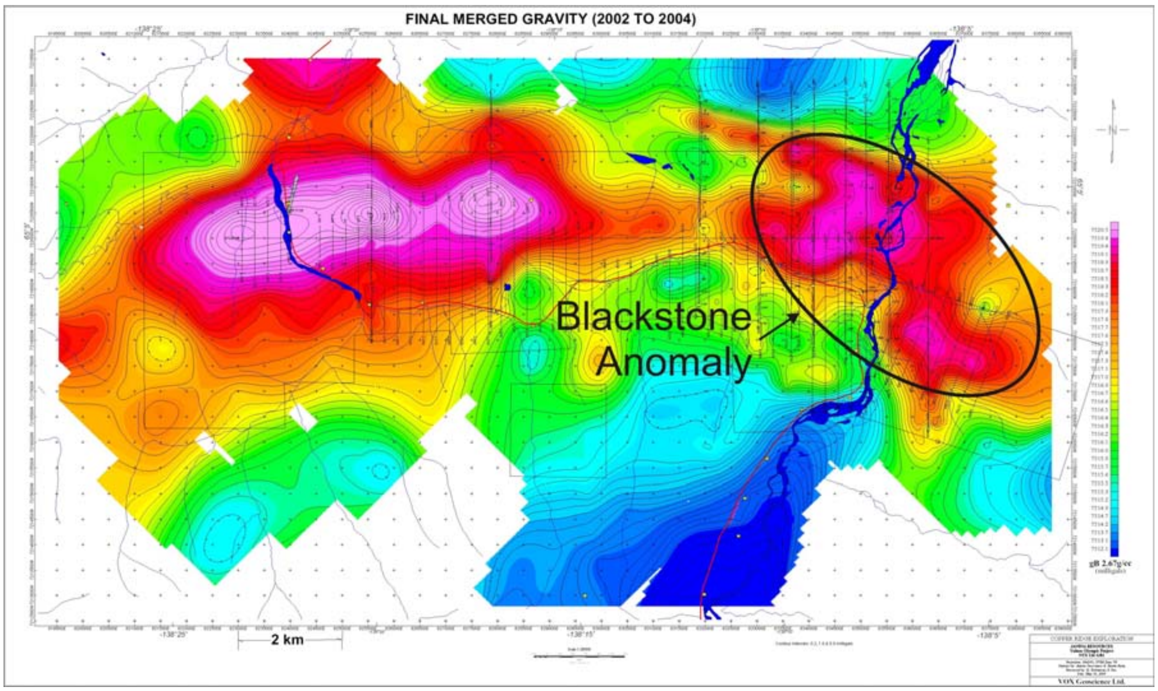


**Figure 5. Final merged gravity grid, 2002 to 2004 surveys.**

### Magnetic Surveys

Figure 6 shows the merged total field magnetics from the 2002 to 2004 surveys. The magnetic highs are believed to represent buried, magnetite-bearing intrusions. The weaker western anomaly is on the southern flank of the main gravity anomaly while the stronger eastern anomaly, centred on the Blackstone River valley, generally coincides with the eastern gravity anomaly. Figure 12 shows the details of the Blackstone magnetic anomaly with an overlay outline of the gravity high.

The manner in which the gravity anomalies tend to flank the magnetic anomaly suggest that the cause of the gravity anomaly could be high density, iron-rich breccias that are related to and overlie the buried, magnetite-bearing intrusion. Preliminary modeling suggests that the top of the feature causing the magnetic anomaly could be on the order of 1,000 m. So far, modeling has not been successful in estimating the depth to the causative features of the gravity anomalies.

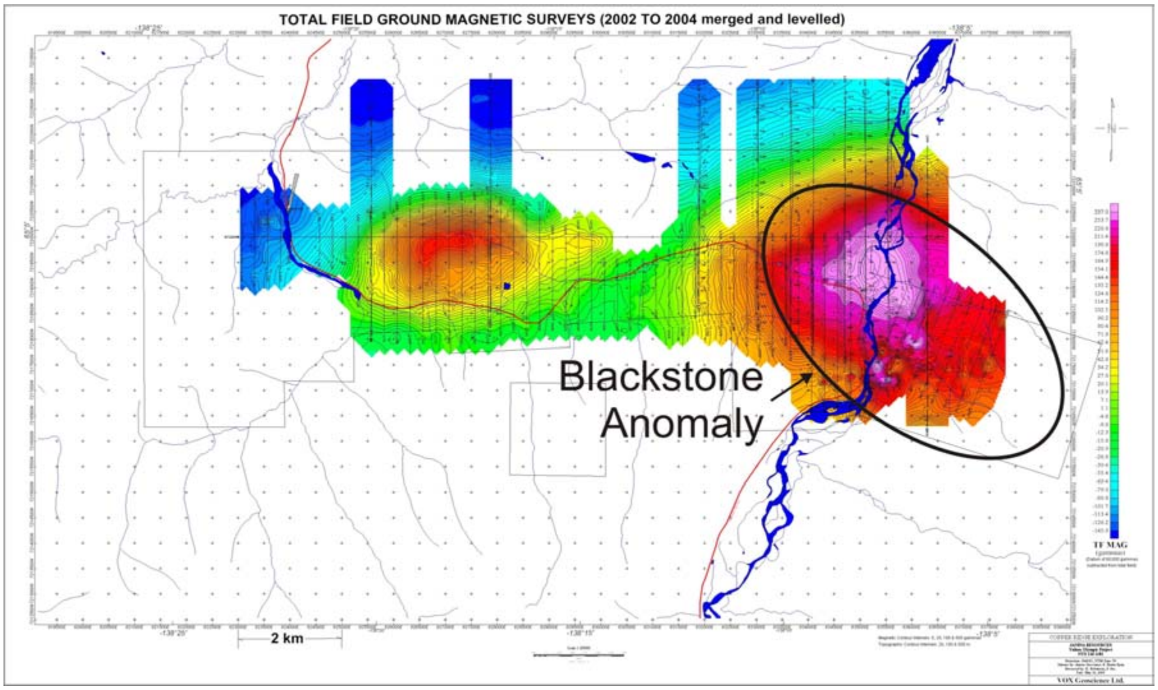


**Figure 6. Merged ground magnetic surveys, 2002 to 2004.**

### Induced Polarization / Apparent Resistivity

The two figures below, 7 and 8, show the chargeability and apparent resistivity pseudosections from the 2003 and 2004 IP surveys. The pole-dipole survey used a dipole spacing of 250 m to give an effective depth penetration of over 500 m. The westernmost lines appear to reflect

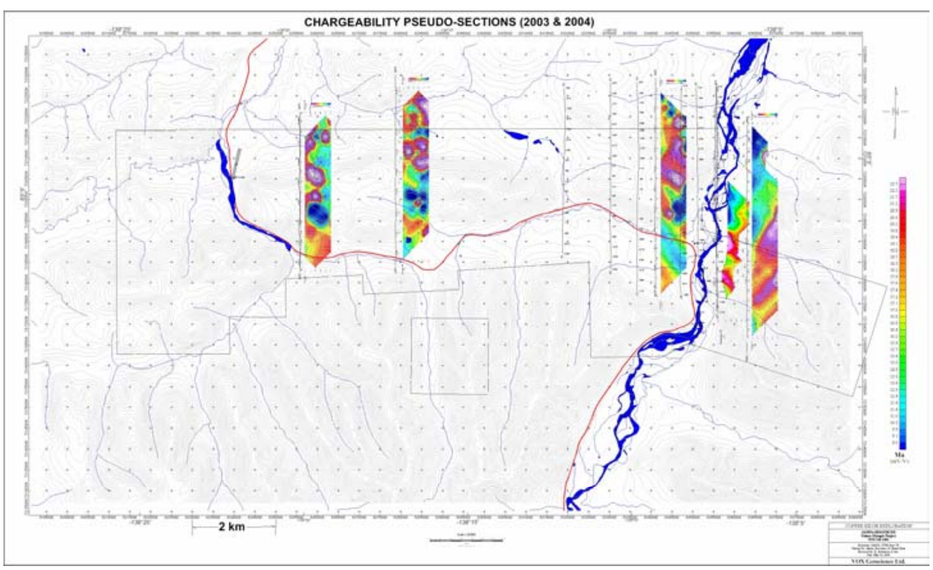


**Figure 7. IP Pseudo-sections from the 2003 and 2004 surveys.**

chargeability and resistivity contrasts between shale and limestone in the overlying sediments and do not appear to have penetrated to the depth of the unconformity separating these sediments from the underlying Proterozoic rocks and potential breccia mineralization.

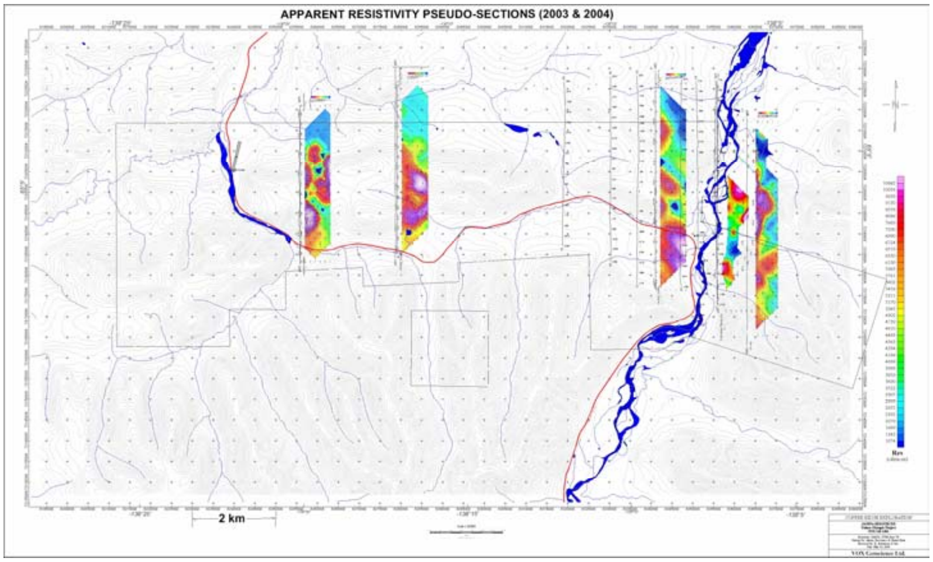


**Figure 8. Apparent resistivity pseudo-sections from the 2003 and 2004 surveys.**

The easternmost line, Line 4, shows a distinct, gently north-dipping feature below which are rocks of higher chargeability. Figure 9 shows the inversion modeled data for Line 4. This feature is believed to be the unconformity and the higher chargeability rocks below may represent mineralized breccia material. Proterozoic rocks are exposed at surface under the southern end of this line and the mapped unconformable contact occurs at approximately the same location where the north-dipping feature intersects surface on the modeled cross section.

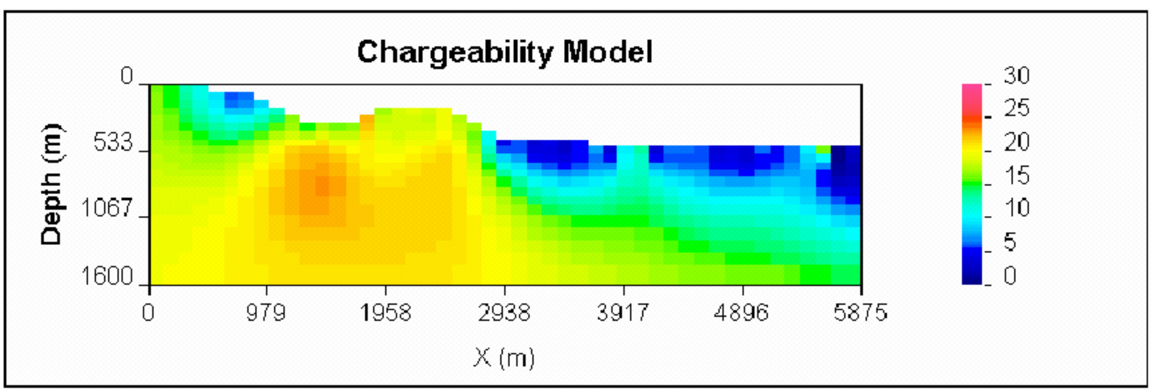


**Figure 9. Modeled chargeability inversion, Line 4.**

Much of the IP survey was carried out under difficult frozen ground conditions, with poor electrode contact and, in many cases, unusable data. Blocky limestone subcrop, with little associated soil development, also negatively impacted the quality of data.

## Property Geology

The Yukon Olympic property is located on the northern limb of the Chapman Anticline, which is bisected by east-west trending thrust faults. The property is underlain by Proterozoic age rocks consisting of argillite, shale and siltstone. These rocks have been intruded by a variety of gabbroic intrusives and related hematitic breccia bodies. The main breccia mass, east of the Blackstone River along Spectacular Creek, covers an area of approximately 1 by 1.5 kilometers, with additional occurrences noted intermittently up to 6 kilometers to the west (see Figure 10). The breccias are of Proterozoic age and correlate with many known hematitic breccias elsewhere in the Ogilvie Mountains as well as in the Wernecke Mountains further to the east.

The Proterozoic rocks are in turn overlain unconformably by Paleozoic sedimentary rocks, consisting of predominantly massive to bedded Cambrian limestone and dolostone overlain by basinal shale to siltstone sequences. Over most of the western part of the property, this major Proterozoic to Paleozoic unconformity dips gently to the north at about 8 degrees. The trend of the unconformity is east- west overall, with sharp changes in strike as the contact roughly follows stratigraphy. On the eastern part of the property near Spectacular Creek, however, the unconformity trends sharply to the north and cross-cuts topography. The dip of the unconformity in this area must therefore be vertical, likely as a result of a north-west rending fault.

The north-west trending fault that offsets the unconformity in turn appears to be cut off by an east -southeast trending fault that occurs defines the trend of Spectacular Creek. Evidence for this fault includes strong foliation and minor quartz veining exposed in Spectacular Creek.

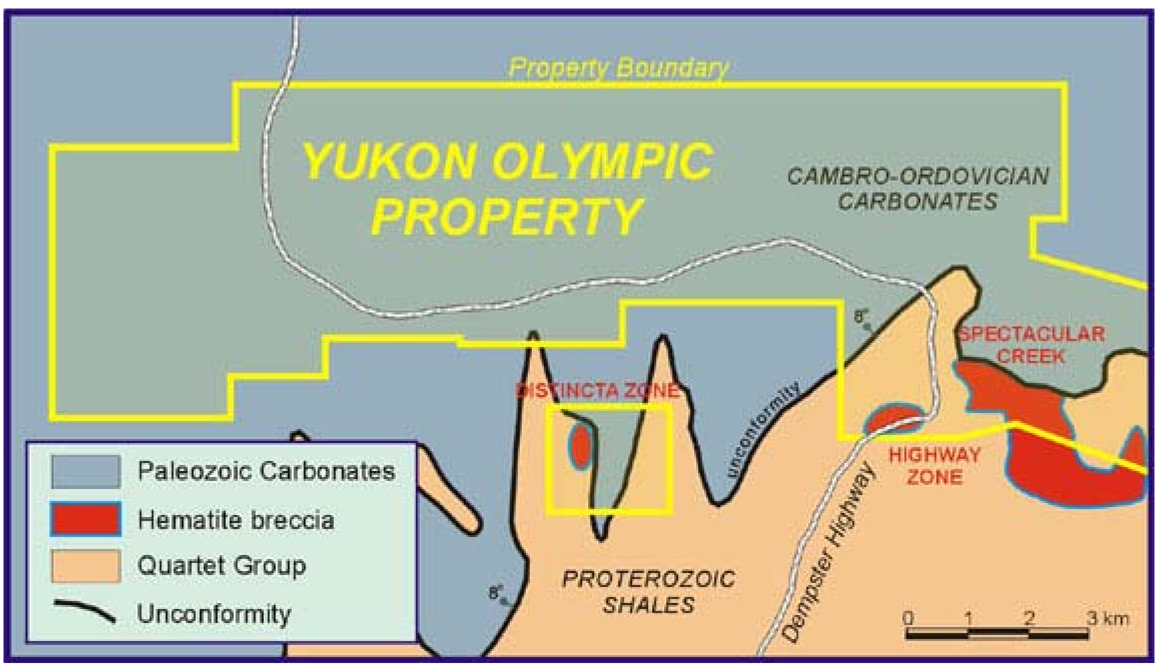


**Figure 10. Generalized geology of the Yukon Olympic property.**

Hematitic breccias are exposed over an area approximately 1 km by 1.5 km along Spectacular Creek, east of the Blackstone River. Although detailed study of the breccia has not been carried out, there are two distinct varieties. The first is pink to pale coloured, with disseminated hematite common in a fine-grained matrix, while the other is darker, chloritic, often has more massive hematite and is associated with the mafic intrusive rocks. This latter breccia variety has slightly elevated magnetic susceptibility and the copper mineralization is most often associated with this breccia variety and with the mafic intrusive rocks.

Grab rock samples from the Yukon Olympic property have shown that the breccias are locally enriched in copper, cobalt, fluorine, rare earth elements and barium, with local minor gold and uranium enrichment. Chalcopyrite and locally bornite mineralization have been observed within the breccias and related intrusive rocks throughout the property. Analysis of grab samples has returned up to 0.9% Cu. Minor cobalt mineralization has also been observed. The exposed areas of hematitic breccia mineralization have not yet been systematically sampled.

# 2005 EXPLORATION PROGRAM

## Purpose

The main purpose of the 2005 program was to drill test the coincident gravity and magnetic anomaly that straddles the Blackstone River Valley. The anomalies are shown in Figure 11, below, where the gravity data, shown shaded in blue at approximately 1 mGal and 2 mGal contours above background, is superimposed upon the detailed contoured magnetic data. The approximate location of the unconformity is shown as a dashed blue line. Younger carbonate rocks are exposed to the north of this line and the Proterozoic host rocks to the south, while copper showings in iron-rich breccia are shown as yellow stars.

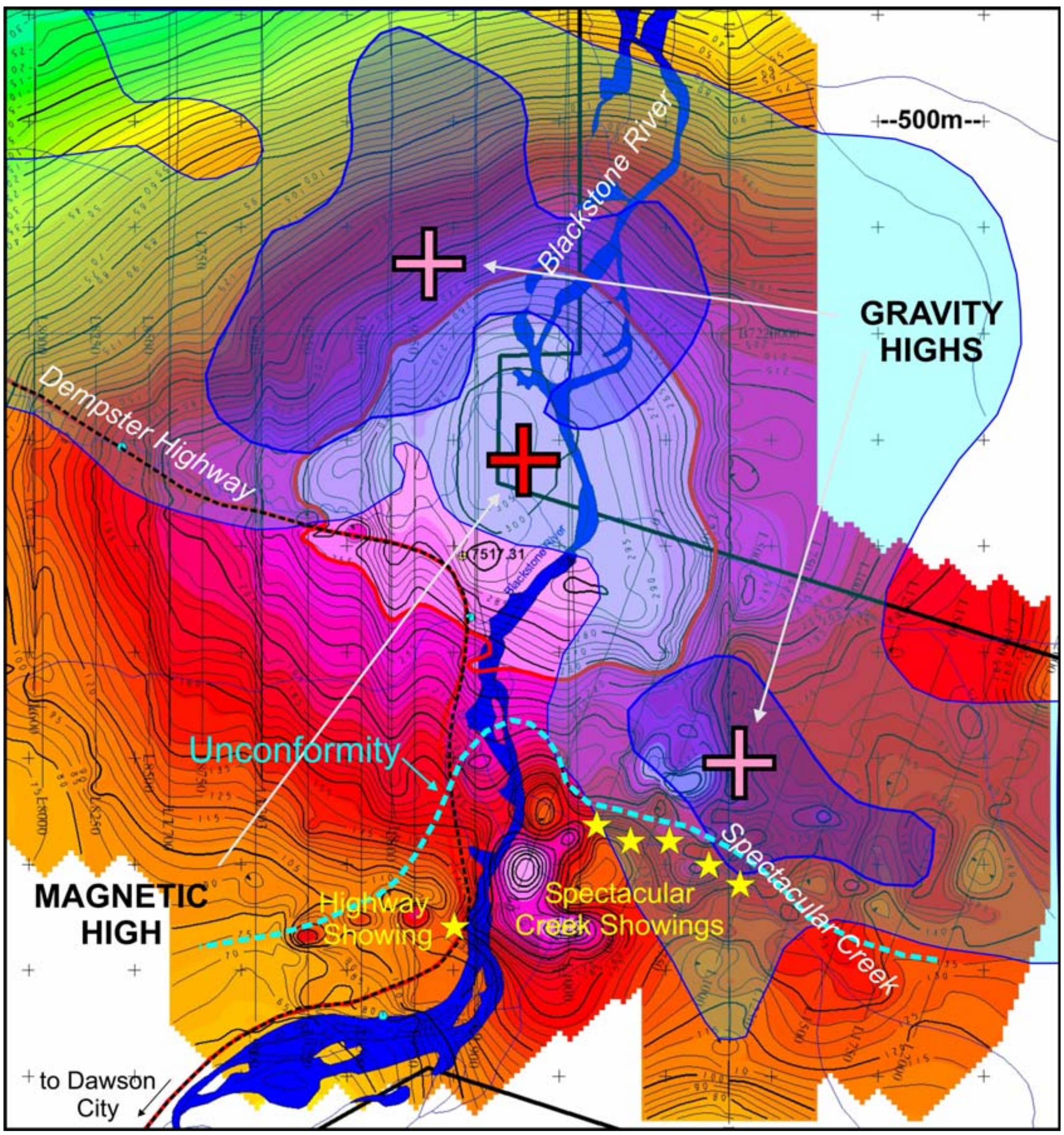


**Figure 11. Combined magnetic and gravity contours, Blackstone anomaly.**

The magnetic high is believed to be caused by a buried intrusion, the top of which could be on the order of 1,000 m depth (K. Robertson, pers. comm.). Superimposed on this is a broad gravity anomaly which has two areas of greater intensity flanking the magnetic high, one to the northwest and one to the southeast. It has been interpreted (Carlson, 2003, Thurston, 2003, Robertson, 2004) that the gravity anomalies could be reflecting relatively dense, iron-rich breccia buried beneath the younger, unconformably overlying carbonate rocks. This interpretation is given further credence by the occurrence of an extensive zone of iron-rich breccia, locally containing copper mineralization, along the edge of the southwestern gravity anomaly along Spectacular Creek.

## Work Completed

### Geophysical Modeling

Prior to defining specific drill targets, the Blackstone gravity and magnetic data was modeled by Trent Pezzot of SJV Consultants (Pezzot, 2005). Once modeled, the resulting anomalies were compared with the limited IP data available over or adjacent to the targets. Modeling the data proved to be difficult as the limits of the survey did not completely cover the targets and provide sufficient peripheral background data.

### Diamond Drilling

During the period July 1 to July 20, 2005, a program of 527.1 m of HQ core drilling was completed in 5 holes. The work was managed by Copper Ridge Explorations Inc. The drilling was carried out by Advanced Drilling Ltd. of Surrey, B.C., with helicopter support provided by Prism Helicopters of Pitt Meadows, B.C. A summary of the drilling is shown in Table II, below:

**Table II**

**Summary of 2005 Drilling**

| Hole | Date Started | Date Finished | Depth (m) | Northing (m)* | Easting (m)* | Eleva. (m) | Az. | Decl. |
|---|---|---|---|---|---|---|---|---|
| YO05-01 | 3-Jul-05 | 5-Jul-05 | 23.5 | 7,218,740 | 635,850 | 898 | n/a | -90 |
| YO05-02 | 7-Jul-05 | 11-Jul-05 | 199.7 | 7,217,486 | 636,272 | 999 | n/a | -90 |
| YO05-03 | 12-Jul-05 | 15-Jul-05 | 139.3 | 7,217,721 | 636,129 | 995 | 055 | -60 |
| YO05-04 | 15-Jul-05 | 16-Jul-05 | 70.1 | 7,217,721 | 636,129 | 995 | 055 | -45 |
| YO05-05 | 16-Jul-05 | 17-Jul-05 | 94.5 | 7,217,721 | 636,129 | 995 | n/a | -90 |

* NAD 83 Zone 7

## Results

### Geophysical Modeling

Pezzot (2005) defined four targets zones for drill testing (see Figure 12) as described below.

Target G 1 is an 800 metre long, near surface, high density body that forms a halo around a small, magnetically defined, pipe-like body that dips steeply to the north. A reconnaissance IP line that crosses the eastern edge of this anomaly indicates the presence of a weak chargeability anomaly, coincident with the gravity feature. These geophysical signatures are consistent with the proposed IOCG exploration model. Based on the current information, drilling to test this feature should be directed at the centre of the gravity anomaly, at UTM coordinates 635900E and 7218150N. However, additional IP surveying, extending west from line 4 and covering the gravity anomaly would likely refine drill targets.

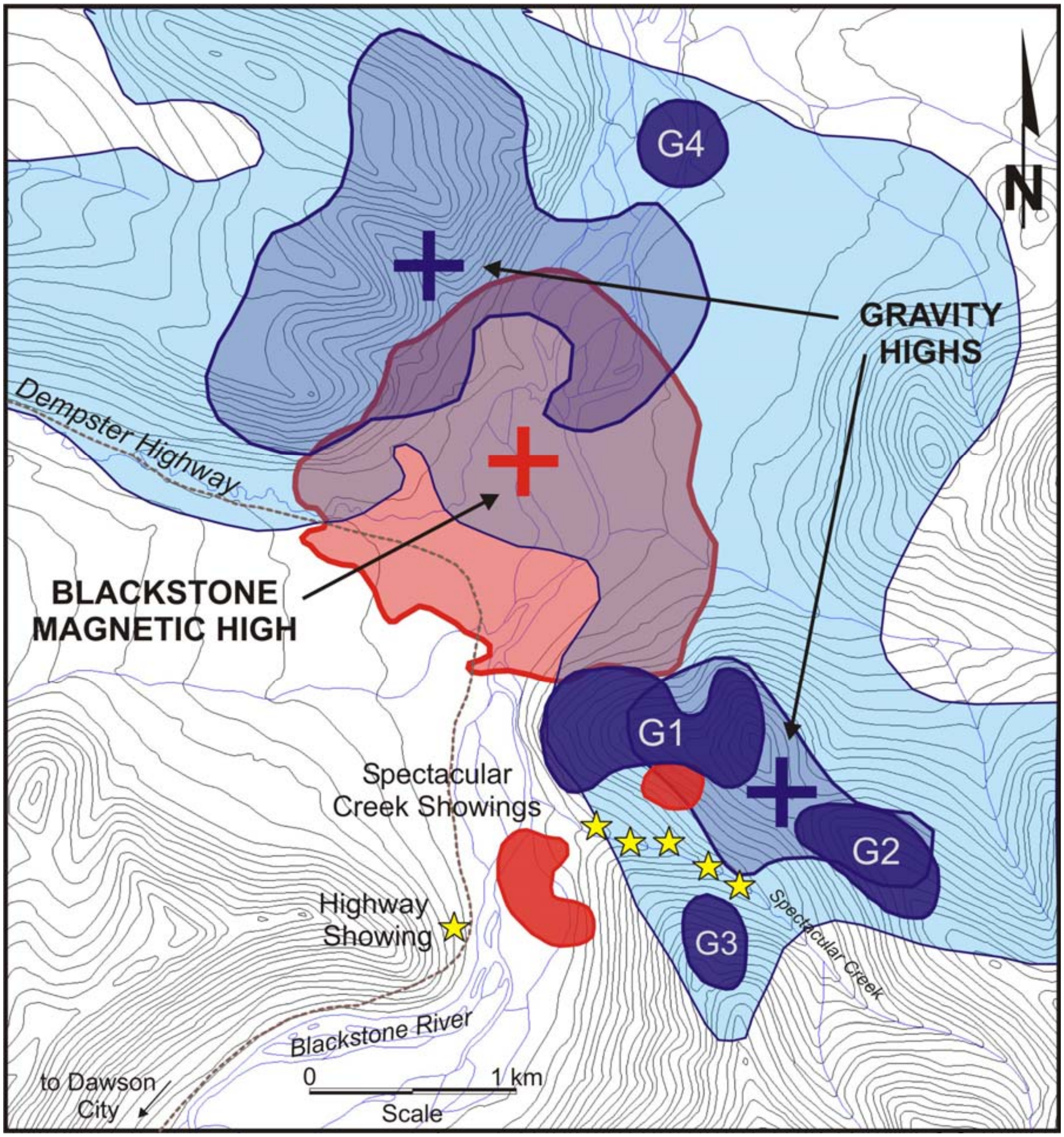


**Figure 12. Compilation of generalized gravity (blue) and magnetic (red) data with gravity targets G1 to G4 (dark blue) and near surface magnetic features (dark red).**

Gravity target G 2 is a high density body that, along with G 1, produces the 1.5 km long gravity anomaly coinciding with the northern topographic ridge that bounds the Spectacular Creek valley. It is assigned a lower priority than G 1 because of the absence of any magnetic anomalies and lack of any supporting IP data. This target would be upgraded by encouraging results from exploration success at G 1.

Gravity target G 3 is located along the southern slope of the Spectacular Creek valley at UTM coordinates 636350E and 7217100N. IP surveying across this anomaly has identified a moderate chargeability feature immediately north and below the gravity target.

Gravity target G 4 is a small, near surface, high density body located in the Blackstone River valley at coordinates 636100E / 7221000N. The anomaly is upgraded by an association with high chargeability readings recorded at the northern end of IP line 4, some 200m to the east of the gravity anomaly. As with target G 1, drill targets for this anomaly would likely be refined by additional IP surveying.

## Drill Results

Drill hole YO05-01 was targeted to intersect a chargeability anomaly on the northern flank of the southwestern gravity anomaly (Target G1). The hole did not reach bedrock and was stopped at 23.5 m where it could not penetrate further in river gravels.

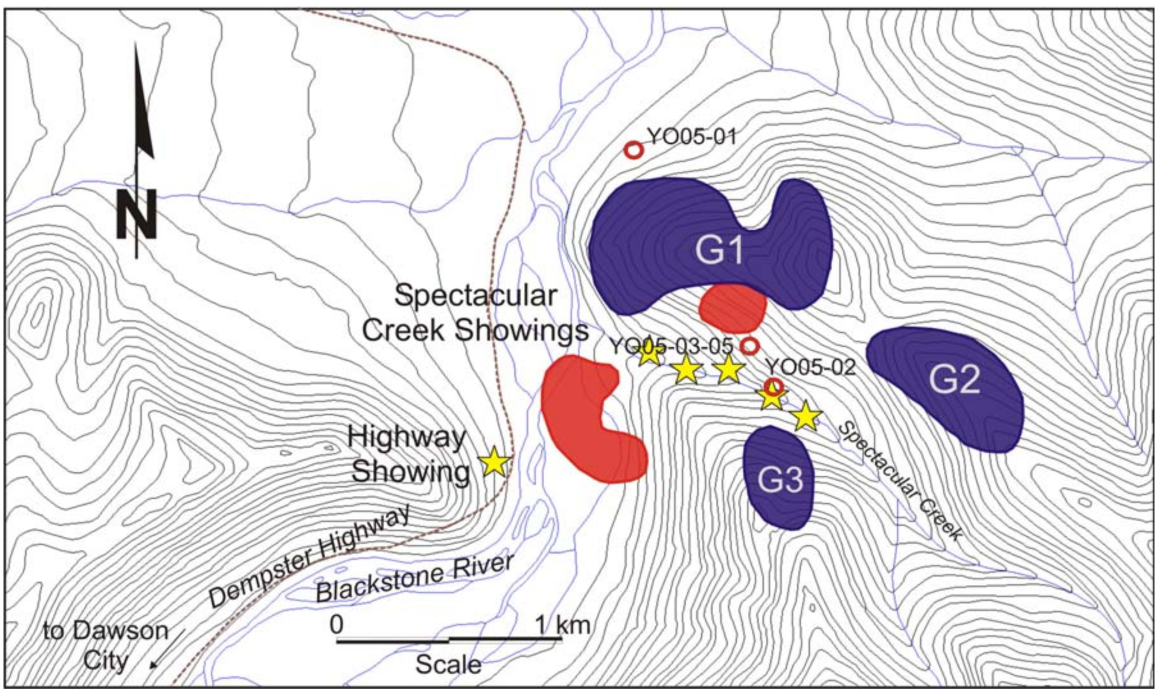


**Figure 13. Locations of 2005 drill hole collars with gravity (blue) and magnetics (red) targets.**

Drill hole YO05-02 (-90°, depth 199.7m – see Figure 14) was drilled near the edge of Spectacular Creek in an area of known weak copper mineralization within hematitic breccias where they are intruded by gabbroic dikes. The hole penetrated breccia from top to bottom, locally with intense chloritic alteration. Gabbro intrusives were intersected in several intervals ranging from less than a metre to over 20 m. The most intense alteration was observed from 113.6 to 127.9 and from 174.8 to 184.8 m where heterolithic breccia contained 30-50% specular hematite, mainly in the matrix, with strong chlorite alteration. However, copper mineralization was weak throughout the hole, typically in the range of trace to 1% chalcopyrite. The highest Cu values occurred within or

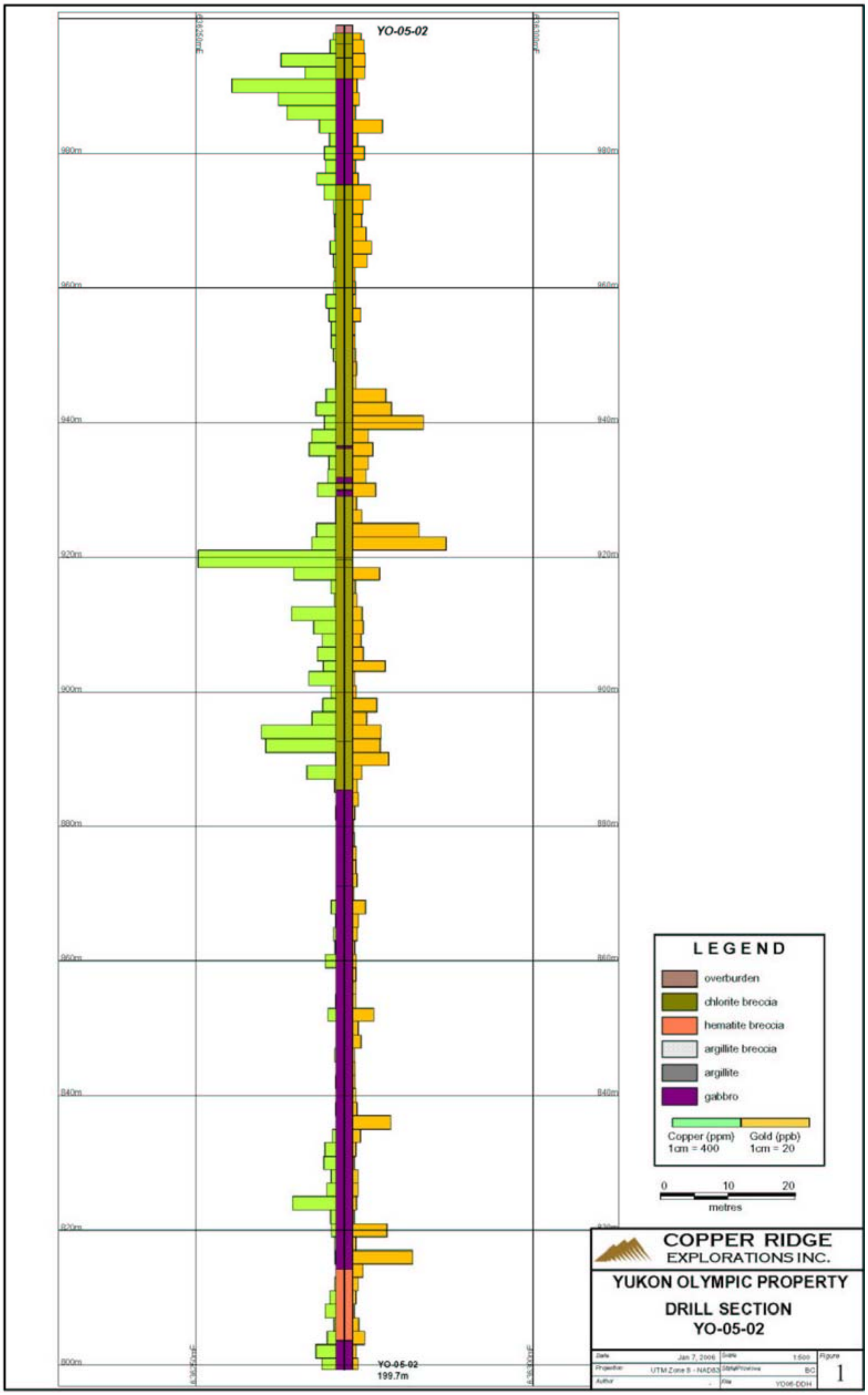


**Figure 14. Drill section YO05-02.**

adjacent to gabbroic intrusives, such as 1,236.3 ppm Cu over 2 m along the contact of a gabbro dike at 8.0 m down the hole and 1,637 ppm Cu in breccia adjacent to a gabbro contact at 78.0 m down the hole. No other metals were observed to be significantly anomalous in the hole, with the highest gold value being 55.4 ppb in a chloritic breccia containing a trace of pyrite and chalcopyrite.

Drill holes YO05-03 to 05 (see Figure 15) were all drilled from the same set-up, approximately 270 m northwest of hole 02, to test, as best as topographic conditions would allow, the southern flank of target G1. Drill hole YO05-03 (-60$^{o}$, depth 139.3m) intersected monolithic to polylithic breccia, similar to hole 1, with varying intensity of chloritic alteration and specularite content ranging from trace to locally massive in the matrix at 8-10%. This specularite rich section contained the strongest copper values in the hole, including 0.203% Cu over 1.0 m within a 4.75 m section that averaged 857 ppm Cu. The lower portion of the hole, from 88 m, consisted of monolithic argillite fragment breccia and generally contained low copper values, typically less than 250 ppm. Several gabbroic intrusives were encountered in the hole, ranging in thickness from >1m to approximately 5m, but the association with high copper values is less evident than in hole 2.

Drill hole YO05-04 (-45$^{o}$, depth 70.1m) intersected typical chloritic breccia from top to bottom with specularite content ranging from trace to locally 10%. Gabbro intersections are typically narrow, from 30 cm to 3 m. Copper mineralization in the hole is weak, with the highest value being 427 ppm over 2.45m.

Drill hole YO05-05 (-90$^{o}$, depth 94.5m) intersected typical chlorite to hematite breccia but with less intense alteration, less gabbro intrusion and weak copper mineralization, with a maximum value of 210.5 ppm Cu over 3.0m.

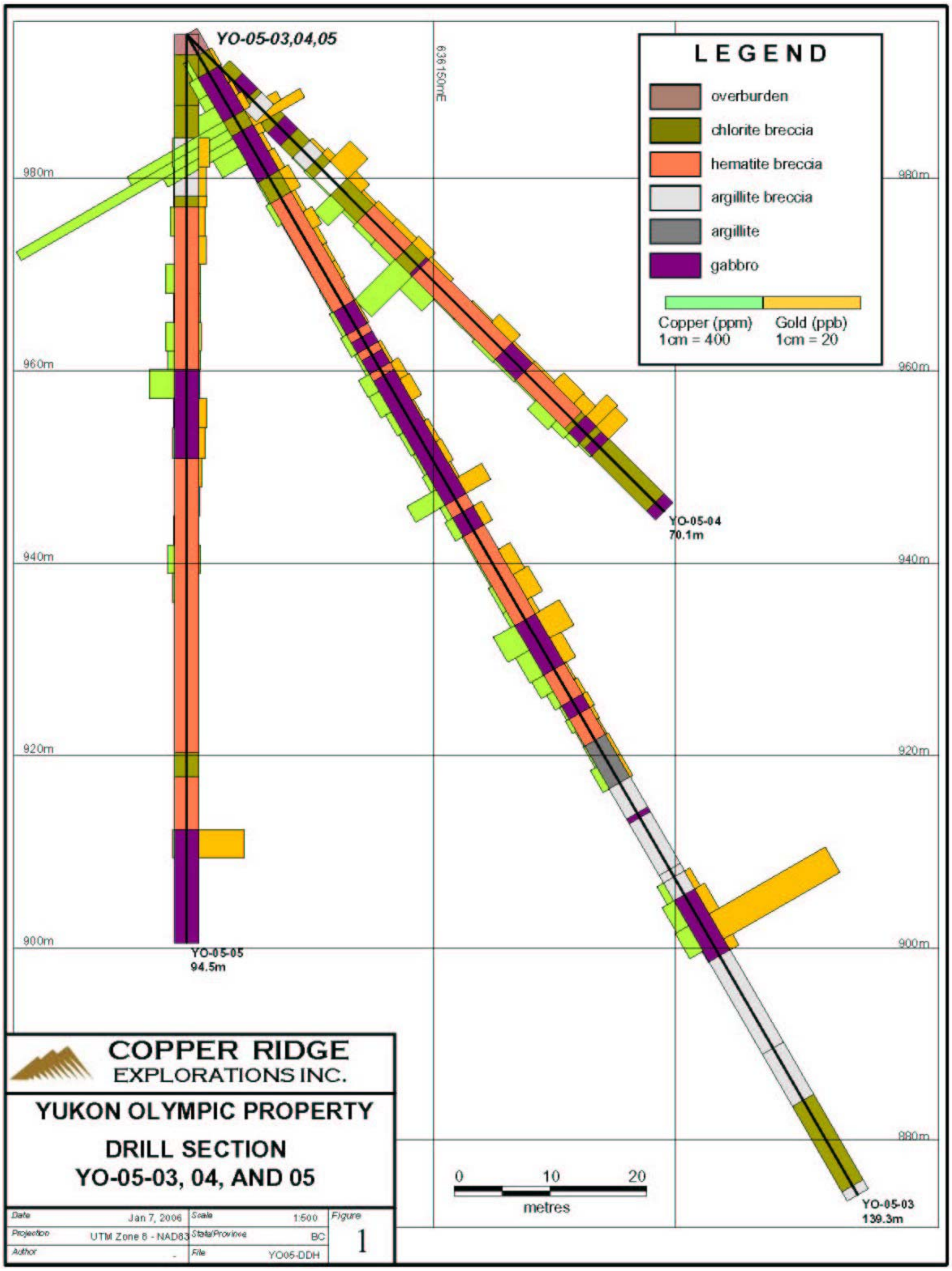


**Figure 15. Drill section YO05-03, 04 and 05.**

# INTERPRETATION AND CONCLUSIONS

The 2005 drill program on the Yukon Olympic property successfully demonstrated the widespread distribution of copper mineralization related to hematitic breccia within the Proterozoic sediments of the Quartet Group. However, in the areas tested the mineralization is low grade, with the highest grade attaining 0.2% Cu over narrow intervals, and strong hematite/specularite alteration is not pervasive.

The widespread nature of the hematitic breccia and related copper mineralization, although weak, are encouraging results of the 2005 drill program. Due to logistical limitations with regard to the placement of drill holes, caused by topography, distance from water and a limited drill budget, resulted in the placement of drill holes around the periphery of the defined anomalies. However, the coarseness grids for the geophysical data, in particular the gravity and IP, and the lack of complete coverage of the anomalies resulted in less than ideal modeling of the data. As a result, the targets were not as well defined as they might otherwise have been.

Further testing of the Blackstone anomaly is warranted, but will be dependent on further interpretation of the combined gravity, magnetic and IP data in conjunction with known geology. If warranted, extensions to geophysical surveys should be carried out to fully define the Blackstone anomaly, particularly to the north and additional fill-in data should be collected to provide sufficient detail to define drill targets. This latter work would include gravity stations on 250 to 500 m centres and IP lines run down either side of the Blackstone River valley. Other geophysical surveys, such as seismic, should be considered to help define the precise location of the unconformity.

# RECOMMENDATIONS

It is recommended that a complete review of the geophysical survey data be carried out in conjunction with known surficial geology and the drill hole data with a view to proposing a detailed geophysical survey prior to conducting a Phase II drill program. In particular, the existing IP coverage is too widespread and does not provide good coverage over the known gravity anomalies. In addition, the gravity data is too widely spaced for detailed modeling within and adjacent to the Blackstone River valley and does not extend far enough to the northeast in this area.

# STATEMENT OF COSTS

| | | |
|---|---|---|
| Drilling | | |
| | Advanced Drilling | $ 68,328 |
| Helicopter | | |
| | Prism Helicopters | $ 41,902 |
| Fuel (drill & helicopter) | | |
| | North 60 Petro | $ 16,808 |
| Drill Pad Construction | | |
| | Ryanwood Exploration | $ 9,675 |
| Geological Consulting | | |
| | JP Exploration | $ 4,819 |
| | P. Cooper | $ 6,600 |
| Freight | | $ 8,026 |
| Supplies | | $ 2,692 |
| Room and Board | | |
| | Blackstone Outfitters | $ 21,572 |
| Communications | | $ 400 |
| Chemical Analysis | | |
| | Acme Analytical | $ 5,041 |
| Report Preparation | | $ 5,000 |
| | | |
| **Total** | | **$ 190,863** |
| | | |
| Cost/m (all in) | | $ 362 |

# STATEMENT OF QUALIFICATIONS

I, Gerald G. Carlson, hereby certify that:

1. I am a consulting mineral exploration geologist and President of KGE Management Ltd. of 1740 Orchard Way, West Vancouver, B.C. V7V 4E8.

2. I am a graduate of the University of Toronto, with a degree in Geological Engineering (B.A.Sc., 1969). I attended graduate school at Michigan Technological University (M.Sc., 1974) and Dartmouth College (Ph.D., 1978). I have been involved in geological mapping, mineral exploration and the management of mineral exploration companies continuously since 1969, with the exception of time between 1972 and 1978 for graduate studies in economic geology.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 12513 and of the Association of Professional Engineers of Yukon, Registration No. 0198.

4. I am the author of this report on the Yukon Olympic Project, Report on 2005 Drill Program. The report is based on a literature review, on private company reports and on property visits during the 2003, 2004 and 2005 field seasons.

5. I am a Director, President and CEO of Copper Ridge Explorations Inc., I am a director of Janina Resources Limited and I own shares of both companies.

6. I personally supervised the exploration programs conducted on the area discussed in this report.

7.

**Dated at Vancouver, B.C. this 11th day of January, 2006,**

**Gerald G. Carlson, Ph.D., P. Eng.**

KGE Management Ltd.
1740 Orchard Way
West Vancouver, B.C.  V7V 4E8
604-816-3012

# LIST OF REFERENCES

Awmack, Henry J. (1993): 1993 Report On The Devil 1-24 Claims, located in the Ogilvie Mountains, Dawson Mining District, NTS 116G/1, Monster Joint Venture, Equity Engineering Ltd.

Carlson, Gerald G. (2003): Assessment Report, Yukon Olympic Project, HEM 1-78 and HEM 79-88 Claims, Dawson Mining District, Yukon, 2002 Field Program, for Copper Ridge Explorations Inc., Company Report.

Norris, D.K. (1979): Geology, Ogilvie River map-area, Yukon-Northwest Territories; Geological Survey of Canada, Map 1526A.

Oreskes, N. and Hitzman, M.W., (1993): A model for the origin of Olympic Dam-type deposits, in Kirkham, R.V., Sinclair, W.D., Thorpe, R.I. and Duke, J.M., eds., Mineral Deposits Modeling: Geological Association of Canada, Special Paper 40, p. 615-633.

Robertson, Ken (2004): Summary and Interpretation Report on the Yukon Olympic Property (Cumulative Geophysical Surveys, 2002 to 2004), 43-101 report filed by Janina Resources Ltd.

Scott, I.R. (1987): The development of an ore reserve methodology for the Olympic Dam copper-uranium-gold deposit: Resources and Reserves Symposium, Australian Institute of Mining and Metallurgy, p. 99-103.

Thurston, Brian G.: Report on the 2002 Drilling Program of the Yukon Olympic Property, HEM-HEG-HM Claims, Dawson Mining District, Yukon Territory, Vancouver, British Columbia January 20, 2003 for Canadian Empire Exploration Corp.

# Appendix “A”

## <u>Summary Drill Logs</u>

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| 0.00 | 1.20 | Overburden | | | | | | | | | | | | |
| 1.20 | 2.81 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic | | | | | | <1 | 104500 | 1.20 | 2.20 | 2.00 | 4.8 | 33.9 |
| 2.81 | 4.81 | Fragment Supported Chloritic Breccia: dark grey/green, heterolithic | qtz-calc | irregular | | tr. | | | 104501 | 2.20 | 4.20 | 2.00 | 6.7 | 70.9 |
| 4.81 | 8.00 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic | | | | <1 | | tr. | 104502 | 4.20 | 6.20 | 2.00 | 7.3 | 654.5 |
| | | | | | | <1 | | tr. | 104503 | 6.20 | 8.00 | 1.80 | 7 | 370 |
| 8.00 | 23.65 | Gabbro: dark grey/green, massive | qtz | ~45º + irreg | patchy strong hematite alter. | 1 | | 1-2 | 104504 | 8.00 | 10.00 | 2.00 | 2.5 | 1236.3 |
| | | | | | | <1 | | 1-2 | 104505 | 10.00 | 12.00 | 2.00 | 3.6 | 683.3 |
| | | | | | | | | 1 | 104506 | 12.00 | 14.00 | 2.00 | 1.4 | 584.2 |
| | | | | | | | | 1 | 104507 | 14.00 | 16.00 | 2.00 | 17.5 | 198.6 |
| | | | | | | | | 1 | 104508 | 16.00 | 18.00 | 2.00 | 2.8 | 78.3 |
| | | | | | | | | 1 | 104509 | 18.00 | 20.00 | 2.00 | 6.8 | 137 |
| | | | | | | | | 1 | 104510 | Duplicate of 104509 | | | 7.000 | 228 |
| | | | | | | | | 1 | 104511 | 20.00 | 22.00 | 2.00 | 1.500 | 118.1 |
| | | | | | | | | 1 | 104512 | 22.00 | 23.65 | 1.65 | 3.100 | 226.9 |
| 23.65 | 26.00 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic | qtz +/- calc. | irregular | | | | 1 | 104513 | 23.65 | 26.00 | 2.35 | 10.5 | 140 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | |
|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au ppb | Cu ppm |
| 26.00 | 62.50 | Multi-lithic Chloritic Breccia: dark green/grey, matrix supported, heterolithic, locally to 80% fragment supported | qtz +/- calc. | irregular | | | | 1 | 104514 | 26.00 | 28.00 | 2.00 | 6.100 | 27.7 |
| | | | | | | | | | 104515 | BLANK | | | <.5 | 4.7 |
| | | | | | | | | 1 | 104516 | 28.00 | 30.00 | 2.00 | 5.100 | 16.5 |
| | | | | | | | | 1 | 104517 | 30.00 | 32.00 | 2.00 | 7.900 | 15.1 |
| | | | | | | tr. | | 1 | 104518 | 32.00 | 34.00 | 2.00 | 11.100 | 72.1 |
| | | | | | | | | 1 | 104519 | 34.00 | 36.00 | 2.00 | 8.400 | 32.7 |
| | | | | | | | | | 104520 | Standard CDN-CGS-5 | | | 136.500 | 1609.6 |
| | | | | | | | | 1 | 104521 | 36.00 | 38.00 | 2.00 | 1.200 | 21.4 |
| | | | | | | | | 1 | 104522 | 38.00 | 40.00 | 2.00 | 1.500 | 26.7 |
| | | | | | | <1 | | 1 | 104523 | 40.00 | 42.00 | 2.00 | 1.700 | 116.3 |
| | | | | | | <1 | | 1 | 104524 | 42.00 | 44.00 | 2.00 | 4.600 | 86.1 |
| | | | | | | | | 1 | 104525 | 44.00 | 46.00 | 2.00 | 1.300 | 58.3 |
| | | | | | | | | 1 | 104526 | 46.00 | 48.00 | 2.00 | 1.300 | 57.3 |
| | | | | | | | | 1 | 104527 | 48.00 | 50.00 | 2.00 | 1.400 | 30 |
| | | | | | | | | 1 | 104528 | 50.00 | 52.00 | 2.00 | 2.100 | 6.7 |
| | | | | | | | | 1 | 104529 | 52.00 | 54.00 | 2.00 | 1.700 | 5 |
| | | | | | | | | | 104530 | Duplicate of 104529 | | | 3.500 | 5 |
| | | | | | | tr. | | 1 | 104531 | 54.00 | 56.00 | 2.00 | 19.600 | 117.8 |
| | | | | | | | | 1 | 104532 | 56.00 | 58.00 | 2.00 | 22.900 | 237.7 |
| | | | | | | tr. | | 1 | 104533 | 58.00 | 60.00 | 2.00 | 41.900 | 138.3 |
| | | | | | | tr. | | 1 | 104534 | 60.00 | 62.00 | 2.00 | 9.000 | 289.1 |
| | | | | | | | | | 104535 | BLANK | | | <.5 | 2.7 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au ppb | Cu ppm |
| 62.50 | 62.90 | Gabbro: dark grey/green, massive | | | patchy strong hematite alter. | | | | | | | | | |
| 62.90 | 67.15 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic (frags +/- preserved bedding) | qtz +/- calc. | irregular | | <1 | | 1 | 104536 | 62.00 | 64.00 | 2.00 | 11.90 | 319.9 |
| | | | | | | <1 | | 1 | 104537 | 64.00 | 66.00 | 2.00 | 9.10 | 86.7 |
| | | | | | | <1 | | 1 | 104538 | 66.00 | 68.00 | 2.00 | 7.80 | 92.8 |
| 67.15 | 68.00 | Gabbro: dark grey/green, massive | | | patchy strong hematite alter. | | | | | | | | | |
| 68.00 | 69.05 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic (frags +/- preserved bedding) | qtz +/- calc. | irregular | | | | 1 | 104539 | 68.00 | 70.00 | 2.00 | 13.7 | 221.3 |
| | | | | | | | | | 104540 | Standard CDN-CGS-2 | | | 1020.4 | >10000 |
| 69.05 | 69.90 | Gabbro: dark grey/green, massive | | | patchy strong hematite alter. | | | 1 | 104541 | 70.00 | 72.00 | 2.00 | 2.1 | 7 |
| | | | | | | | | 1 | 104542 | 72.00 | 74.00 | 2.00 | 5.3 | 6.2 |
| 69.90 | 79.35 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic (frags +/- preserved bedding) | qtz +/- calc. | irregular | | <<1 | <1 | 1 | 104543 | 74.00 | 76.00 | 2.00 | 39.2 | 231.2 |
| | | | | | | <<1 | <1 | 1 | 104544 | 76.00 | 78.00 | 2.00 | 55.4 | 290.5 |

# PROJECT: YUKON OLYMPIC



# HOLE: YO-05-02

| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| **DEPTH** (meters) | | **DESCRIPTION** | **STRUCTURE** | | **ALTERATION** | **METALLIC MINERALS** | | | **SAMPLE DATA** | | | | **RESULTS** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | % cp. | % py. | % spec. | Sample No. | From | To | Length m | Au ppb | Cu ppm |
| 79.35 | 80.55 | Chloritic Breccia - Gabbro Transition/Contact Zone: grey/green with dark red banding?, weakly fractured | qtz | ~45º + irreg | strong hematite alter. | 2-3 | | | 104545 | 78.00 | 80.55 | 2.55 | | 1637 |
| | | | | | | | | | | | | | | |
| 80.55 | 94.40 | Gabbro: dark grey/green, massive | qtz | | strong chlorite alter., strong patchy hematite alter. | | | | 104546 | 80.55 | 82.40 | 1.85 | 15.80 | 501.9 |
| | | | | | | | | | 104547 | 82.40 | 84.40 | 2.00 | 1.50 | 61.8 |
| | | | | | | | | | 104548 | 84.40 | 86.40 | 2.00 | 2.30 | 22.8 |
| | | | | | | | | | 104549 | 86.40 | 88.40 | 2.00 | 5.50 | 528.4 |
| | | | | | | | | | 104550 | Duplicate of 104549 | | | 4.5 | 526.6 |
| | | | | | | | | | 104551 | 88.40 | 90.40 | 2.00 | 6.2 | 265.5 |
| | | | | | | | | | 104552 | 90.40 | 92.40 | 2.00 | 4.8 | 160 |
| | | | | | | | | | 104553 | 92.40 | 94.40 | 2.00 | 6.2 | 222.3 |
| | | | | | | | | | | | | | | |
| 94.40 | 106.40 | Chloritic Breccia - Gabbro Transition/Contact Zone: grey/green with dark red banding?, weakly fractured | qtz | ~45º + irreg | strong hematite alter. | 1-2 | | <5 | 104554 | 94.40 | 96.00 | 1.60 | 19.2 | 148.5 |
| | | | | | | | | | 104555 | BLANK | | | <.5 | 6.4 |
| | | | | | | 1-2 | | <5 | 104556 | 96.00 | 98.00 | 2.00 | 0.9 | 322.6 |
| | | | | | | 1-2 | | <5 | 104557 | 98.00 | 100.00 | 2.00 | 2 | 63 |
| | | | | | | 1-2 | | <5 | 104558 | 100.00 | 102.00 | 2.00 | 14.4 | 155.3 |
| | | | | | | 1-2 | | <5 | 104559 | 102.00 | 104.00 | 2.00 | 8.3 | 284.9 |
| | | | | | | | | | 104560 | Standard CDN-CGS-2 | | | 964.1 | >10000 |
| | | | | | | 1-2 | | <5 | 104561 | 104.00 | 106.00 | 2.00 | 16.7 | 883.3 |
| | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



**Date Started: 7-Jul-05**
**Date Finished: 11-Jul-05**
**Final Depth: 199.70m**

**UTM: NAD 83, ZONE 8**
**Northing: 7217486**
**Easting: 636272**
**Elevation: 999 m**

**Logged By: P. Cooper**
**Drilling Company: Advanced Drilling Ltd.**
**Core Size: HQ**

**Azimuth: n/a**
**Dip: 90**

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au ppb | Cu ppm |
| 106.40 | 113.60 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic (frags +/- preserved bedding) | qtz +/- calc. | irregular | moderate patchy hematite alter | tr. | | | 104562 | 106.00 | 108.00 | 2.00 | 16.2 | 835.3 |
| | | | calcite | ~45º | strong hematite alter @ veins | tr. | | | 104563 | 108.00 | 110.00 | 2.00 | 21.30 | 7.5 |
| | | | calcite | ~45º | | | | | 104564 | 110.00 | 112.00 | 2.00 | 5.40 | 347.3 |
| | | | | | | | | | 104565 | 112.00 | 114.00 | 2.00 | 2.60 | 17.5 |
| | | | | | | | | | | | | | | |
| 113.60 | 127.90 | Hematite Breccia: dark green/purplish, massive specuarite matrix, monolithic, matrix supported | qtz +/- calc. | | | | | 35-40 | 104566 | 114.00 | 116.00 | 2.00 | 3.30 | 2 |
| | | | | | | | | 35-40 | 104567 | 116.00 | 118.00 | 2.00 | 1.1 | 4.3 |
| | | | | | | | | 35-40 | 104568 | 118.00 | 120.00 | 2.00 | 0.6 | 2.7 |
| | | | | | | | | 35-40 | 104569 | 120.00 | 122.00 | 2.00 | 0.7 | 1.2 |
| | | | | | | | | 35-40 | 104570 | Duplicate of 104569 | | | 0.5 | 2.5 |
| | | | | | | | | 35-40 | 104571 | 122.00 | 124.00 | 2.00 | 1.9 | 2.3 |
| | | | | | | | | 35-40 | 104572 | 124.00 | 126.00 | 2.00 | 1.8 | 1.1 |
| | | | | | | | | 35-40 | 104573 | 126.00 | 128.00 | 2.00 | 2.5 | 1.4 |
| | | | | | | | | | | | | | | |
| 127.90 | 138.30 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic (frags +/- preserved bedding) | qtz +/- calc. | ~80-90º | strong patchy hematite alter. | | | | 104574 | 128.00 | 130.00 | 2.00 | 0.6 | 0.9 |
| | | | | | | | | | 104575 | BLANK | | | 3.200 | 19.7 |
| | | | | | | | | | 104576 | 130.00 | 132.00 | 2.00 | 7.600 | 57.9 |
| | | | | | | | | | 104577 | 132.00 | 134.00 | 2.00 | 3.300 | 4.9 |
| | | | | | | | | | 104578 | 134.00 | 136.00 | 2.00 | 2.600 | 28.5 |
| | | | | | | | | | 104579 | 136.00 | 138.00 | 2.00 | 1.1 | 10.7 |
| | | | | | | | | | 104580 | Standard CDN-CGS-2 | | | 842.300 | >10000 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au ppb | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138.30 | 160.10 | Gabbro: dark grey/green, massive | qtz +/- calc. | ~90º | strong chlorite alter., strong patchy hematite alter. | tr. | | | 104581 | 138.00 | 140.00 | 2.00 | 2 | 125.8 |
| | | 155.70-156.00m: Fault cutting core axis @ ~45º, qtz veining and strong chlorite alter. associated with fault. | | | v. strong chlorite alter. | | | | 104582 | 140.00 | 142.00 | 2.00 | 1.80 | 1 |
| | | | | | | | | | 104583 | 142.00 | 144.00 | 2.00 | 1.60 | 1.3 |
| | | | | | | | | | 104584 | 144.00 | 146.00 | 2.00 | 1.70 | 3 |
| | | | | | | | | | 104585 | 146.00 | 148.00 | 2.00 | 12.40 | 94.2 |
| | | | | | | | | | 104586 | 148.00 | 150.00 | 2.00 | 3.20 | 0.5 |
| | | | | | | | | | 104587 | 150.00 | 152.00 | 2.00 | 4.8 | 1.6 |
| | | | | | | | | | 104588 | 152.00 | 154.00 | 2.00 | 0.9 | 13.2 |
| | | | | | | | | | 104589 | 154.00 | 156.00 | 2.00 | 1.2 | 1 |
| | | | | | | | | | 104590 | Duplicate of 104589 | | | 0.5 | 1.4 |
| | | | | | | | | | 104591 | 156.00 | 158.00 | 2.00 | 1.2 | 3.3 |
| | | | | | | | | | 104592 | 158.00 | 160.00 | 2.00 | 1.7 | 2.1 |
| | | | | | | | | | | | | | | |
| 160.10 | 166.35 | Hematite Breccia: dark grey massive specuarite matrix, heterolithic, matrix supported. | qtz +/- calc. | ~45-55º + irregular | | | | ~30 | 104593 | 160.00 | 162.00 | 2.00 | 2.5 | 9.3 |
| | | 163.50m: Fault cutting core axis @ ~45º, qtz veining and strong chlorite alter. associated with fault. | qtz | | | | | ~30 | 104594 | 162.00 | 164.00 | 2.00 | 22.5 | 1.1 |
| | | | | | | | | | 104595 | BLANK | | | <.5 | 0.7 |
| | | | | | | | | ~30 | 104596 | 164.00 | 166.00 | 2.00 | 4.500 | 42.3 |
| | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au ppb | Cu ppm |
| 166.35 | 174.80 | Gabbro: dark grey/green, massive | qtz +/- calc. | ~90º | moderate patchy hematite alter. | | | tr. | 104597 | 166.00 | 168.00 | 2.00 | 1.8 | 128.9 |
| | | | | | | | | tr. | 104598 | 168.00 | 170.00 | 2.00 | 0.80 | 143.2 |
| | | | | | | | | tr. | 104599 | 170.00 | 172.00 | 2.00 | 2.90 | 59 |
| | | | | | | | | tr. | 104450 | Standard CDN-CGS-5 | | | 84.90 | 1525.3 |
| | | | | | | | | tr. | 104451 | 172.00 | 174.00 | 2.00 | 2.90 | 106.4 |
| | | | | | | | | | | | | | | |
| 174.80 | 184.80 | Hematite Breccia: dark grey massive specuarite matrix, heterolithic, matrix supported. | | | strong patchy chlorite alter. | | | 45-50 | 104452 | 174.00 | 176.00 | 2.00 | 2.1 | 514.9 |
| | | | | | | | | 45-50 | 104453 | 176.00 | 178.00 | 2.00 | 0.7 | 65.2 |
| | | | | | | | | 45-50 | 104454 | 178.00 | 180.00 | 2.00 | 20.2 | 56 |
| | | | | | | | | 45-50 | 104455 | 180.00 | 182.00 | 2.00 | 1.8 | 15.9 |
| | | | | | | | | 45-50 | 104456 | 182.00 | 184.00 | 2.00 | 35.5 | 9.9 |
| | | | | | | | | | | | | | | |
| 184.80 | 192.30 | Gabbro: dark grey/green, massive | qtz | irregular | moderate patchy hematite alter. | | | tr. | 104457 | 184.00 | 186.00 | 2.00 | 6.1 | 1 |
| | | | | | | | | tr. | 104458 | 186.00 | 188.00 | 2.00 | 3 | 15.9 |
| | | | | | | | | tr. | 104459 | 188.00 | 190.00 | 2.00 | 1.8 | 75.1 |
| 192.30 | 195.40 | Hematite Breccia: dark grey massive specuarite matrix, heterolithic, matrix supported. | qtz | ~90º | strong patchy chlorite alter. | | | | 104460 | Duplicate of 104459 | | | 1.100 | 83.4 |
| | | | | | | | | tr. | 104461 | 190.00 | 192.00 | 2.00 | 0.700 | 125.4 |
| | | | | | | | | | | | | | | |
| 195.40 | 195.40 | Hematite Breccia: dark grey massive specuarite matrix, heterolithic, matrix supported. | qtz | ~90º | strong patchy chlorite alter. | | | 50 | 104462 | 192.00 | 194.00 | 2.00 | 3.400 | 26.3 |
| | | | | | | | | 50 | 104463 | 194.00 | 196.00 | 2.00 | 7.000 | 102.9 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-02**



| | | | |
|---|---|---|---|
| **Date Started: 7-Jul-05**<br>**Date Finished: 11-Jul-05**<br>**Final Depth: 199.70m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217486**<br>**Easting: 636272**<br>**Elevation: 999 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: n/a**<br>**Dip: 90** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au ppb | Cu % |
| 195.40 | 199.70 | Gabbro: dark grey/green, massive | qtz | irregular | moderate patchy hematite alter. | | | 1 | 104464 | 196.00 | 198.00 | 2.00 | 1.9 | 239.5 |
| EOH | | | | | | | | | 104465 | BLANK | | | <.5 | 2.4 |
| | | | | | | | | 1 | 104466 | 198.00 | 199.70 | 1.70 | 2.9 | 166.6 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-03**



| | | | |
|---|---|---|---|
| **Date Started: 12-Jul-05**<br>**Date Finished: 15-Jul-05**<br>**Final Depth: 139.30 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -60** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au g/t | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 2.50 | Overburden | | | | | | | | | | | | |
| 2.50 | 4.50 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | 104467 | 2.50 | 4.50 | 2.00 | 1.2 | 42.1 |
| 4.50 | 9.75 | Gabbro: dark grey/green, massive. | qtz-cal-hem | ~45º | strong chlorite alter. | | | 2-5 | 104468 | 4.50 | 6.50 | 2.00 | 0.8 | 81.6 |
| | | | | | strongly solicified | | | 2-5 | 104469 | 6.50 | 8.00 | 1.50 | 1.6 | 86.2 |
| | | | | | strong patchy hematite alter. | | | | 104470 | Standard CDN-CGS-2 | | | 982.6 | >10000 |
| | | | | | | | | 2-5 | 104471 | 8.00 | 9.75 | 1.75 | 3 | 259.7 |
| 9.75 | 11.55 | Chloritic Breccia: dark green/grey, fragment supported, heterolithic. | qtz-calc | irregular | | 2-3 | tr. | 2-5 | 104472 | 9.75 | 10.75 | 1.00 | 15.4 | 919.9 |
| | | | | | | 2-3 | tr. | 2-5 | 104473 | 10.75 | 11.75 | 1.00 | 24.4 | 2026.8 |
| 11.55 | 17.00 | Gabbro: dark grey/green, massive. | calc-qtz | ~90º + irreg | strong chlorite alter. | tr. | 1-2 | tr. | 104474 | 11.75 | 12.75 | 1.00 | 3.2 | 667.4 |
| | | | | | strong patchy hematite alter. | tr. | 1-2 | tr. | 104475 | 12.75 | 14.75 | 2.00 | 1.9 | 234.3 |
| | | | | | | tr. | 1-2 | tr. | 104476 | 14.75 | 17.00 | 2.25 | 2.8 | 5.2 |
| 17.00 | 19.55 | Chloritic Breccia: dark green/grey, fragment supported, heterolithic. | qtz-calc | ~30º | | | | 1-2 | 104477 | 17.00 | 19.55 | 2.55 | 4.4 | 10.6 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-03**

| | | | |
|---|---|---|---|
| **Date Started: 12-Jul-05**<br>**Date Finished: 15-Jul-05**<br>**Final Depth: 139.30 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -60** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| 19.55 | 32.60 | Hematite Breccia: dark red-grey (massive hematite + specuarite matrix), heterolithic, matrix supported. | calc-qtz | irregular | | tr. | | 8-10 | 104478 | 19.55 | 22.00 | 2.45 | 1.6 | 41.8 |
| | | | | | | | | | 104479 | 22.00 | 24.00 | 2.00 | 4.2 | 3.6 |
| | | | | | | tr. | | 8-10 | 104480 | Duplicate of 104479 | | | 3.9 | 5.5 |
| | | | | | | tr. | | 8-10 | 104481 | 24.00 | 26.00 | 2.00 | 2.1 | 3.4 |
| | | | | | | tr. | | 8-10 | 104482 | 26.00 | 28.00 | 2.00 | 1.5 | 2.9 |
| | | | | | | tr. | | 8-10 | 104483 | 28.00 | 30.00 | 2.00 | 1.5 | 3.2 |
| | | | | | | tr. | | 8-10 | 104484 | 30.00 | 31.30 | 1.30 | 0.7 | 9.6 |
| | | | | | | | | | 104485 | BLANK | | | <.5 | 0.8 |
| | | | | | | tr. | | 8-10 | 104486 | 31.30 | 32.60 | 1.30 | 0.5 | 10.8 |
| 32.60 | 35.35 | Gabbro: dark grey/green, massive. | qtz-calc | irregular | | | | 3 | 104487 | 32.60 | 35.35 | 2.75 | 0.7 | 33.7 |
| 35.35 | 36.35 | Fragment Supported Hematite Breccia: dark red, heterolithic. | qtz-calc | irregular | | | | | | | | | | |
| 36.35 | 37.60 | Gabbro: dark grey/green, massive. | qtz-calc | irregular | strong chloritic alter. | | tr. | 3 | 104488 | 35.35 | 37.60 | 2.25 | <.5 | 53.8 |
| 37.60 | 38.50 | Fragment Supported Hematite Breccia: dark red, heterolithic. | qtz-calc | irregular | | | | | | | | | | |
| 38.50 | 40.10 | Gabbro: dark grey/green, massive. | | | | | | | 104489 | 37.60 | 40.10 | 2.50 | 1.2 | 24.9 |
| | | | | | | | | | 104490 | Standard CDN-CGS-1 | | | 457.6 | 5872.6 |
| 40.10 | 40.90 | Hematite Breccia: dark red, monolithic, matrix supported. | qtz-calc | irregular | | | | tr. | 104491 | 40.10 | 42.10 | 2.00 | 3.9 | 101.6 |

**PROJECT: YUKON OLYMPIC**



**HOLE: YO-05-03**

| | | | |
|---|---|---|---|
| **Date Started: 12-Jul-05**<br>**Date Finished: 15-Jul-05**<br>**Final Depth: 139.30 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -60** |

| **DEPTH** | | **DESCRIPTION** | **STRUCTURE** | | **ALTERATION** | **METALLIC** | | | **SAMPLE DATA** | | | | **RESULTS** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (meters) | | | Veins & | Angle | | **MINERALS** | | | | | | | | |
| From | To | | Fractures | | | % | | | Sample | From | To | Length | Au | Cu |
| | | | | | | cp. | py. | spec. | No. | | | m | g/t | ppm |
| 40.90 | 55.80 | Gabbro: dark grey/green, massive. | | | | <1 | | | 104492 | 42.10 | 44.60 | 2.50 | 4.6 | 95.2 |
| | | | | | | <1 | | | 104493 | 44.60 | 47.10 | 2.50 | 0.7 | 52.1 |
| | | | | | | <1 | | | 104494 | 47.10 | 49.60 | 2.50 | 1.9 | 36.1 |
| | | | | | | <1 | | | 104495 | 49.60 | 52.10 | 2.50 | 2.4 | 21.9 |
| | | | | | | <1 | | | 104496 | 52.10 | 53.95 | 1.85 | 1.1 | 45.8 |
| | | | | | | <1 | | | 104497 | 53.95 | 55.80 | 1.85 | 11.8 | 278.5 |
| | | | | | | | | | | | | | | |
| 55.80 | 57.35 | Hematite Breccia: dark red, monolithic, fragment supported. | qtz-hem. | irregular | strong chlorite alter., strong hematite alter. | 3-5 | | 5 | 104498 | 55.80 | 57.35 | 1.55 | <.5 | 47 |
| | | | | | | | | | | | | | | |
| 57.35 | 59.55 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter., strong patchy hematite alter. | <<1 | | | 104499 | 57.35 | 59.55 | 2.20 | 4 | 71.5 |
| | | | | | | | | | 108200 | Duplicate of 104499 | | | 2.1 | 59.5 |
| | | | | | | | | | | | | | | |
| 59.55 | 70.25 | Fragment Supported Hematite Breccia: dark red, heterolithic. | qtz | ~70º + irreg | | tr. | | <5 | 108201 | 59.55 | 62.55 | 3.00 | <.5 | 8.9 |
| | | | | | | tr. | | <5 | 108202 | 62.55 | 65.55 | 3.00 | 5.6 | 9.4 |
| | | | | | | tr. | | <5 | 108203 | 65.55 | 68.55 | 3.00 | 7.2 | 32.5 |
| | | | | | | tr. | | <5 | 108204 | 68.55 | 70.25 | 1.70 | 1.9 | 34.8 |
| | | | | | | | | | 108205 | BLANK | | | <.5 | 1.2 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-03**

| | | | |
|---|---|---|---|
| **Date Started: 12-Jul-05**<br>**Date Finished: 15-Jul-05**<br>**Final Depth: 139.30 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -60** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au g/t | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.25 | 76.25 | Gabbro: dark grey/green, massive. | qtz | ~90º + irreg | strong chlorite alter. | <<1 | | 8-10 | 108206 | 70.25 | 73.25 | 3.00 | 11.4 | 202.9 |
| | | | | | strong patchy hematite alter. | <<1 | | 8-10 | 108207 | 73.25 | 76.25 | 3.00 | 5.3 | 129.2 |
| | | | | | | | | | | | | | | |
| 76.25 | 80.00 | Chloritic Hematite Breccia w/ Argillite Frags: dark grey-green, matrix supported, heterolithic. | | | | tr. | tr. | 8 | 108208 | 76.25 | 78.25 | 2.00 | 0.8 | 113.2 |
| | | | | | | tr. | tr. | 8 | 108209 | 78.25 | 80.00 | 1.75 | 1.6 | 60.5 |
| | | | | | | | | | 108210 | Standard CDN-CGD-5 | | | 94.2 | 1546.8 |
| | | | | | | | | | | | | | | |
| 80.00 | 81.55 | Gabbro: dark grey/green, massive. | calc-qtz | irregular | strong chlorite alter. | tr. | | 10 | 108211 | 80.00 | 81.55 | 1.55 | 2.1 | 19.8 |
| | | | | | | | | | | | | | | |
| 81.55 | 84.80 | Hematite Breccia: dark grey, heterolithic, matrix supported. | qtz+/-calc | ~80º | | | | | 108212 | 81.55 | 83.00 | 1.45 | 1.2 | 33.4 |
| | | | | | | | | | 108213 | 83.00 | 84.80 | 1.80 | 0.6 | 7.1 |
| | | | | | | | | | | | | | | |
| 84.80 | 89.90 | Argillite?: dark grey, bedded, v.v. fine grained. | | | strong hematite alter. | | | 1 | 108214 | 84.80 | 87.30 | 2.50 | 1.2 | 12.7 |
| | | | | | | | | 1 | 108215 | 87.30 | 89.90 | 2.60 | 1.2 | 58.8 |
| | | | | | | | | | | | | | | |
| 89.90 | 93.55 | Chloritic Argillite Breccia: dark green-grey, fragment supported, heterolithic | qtz | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 93.55 | 94.05 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter. | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-03**



| | | | |
|---|---|---|---|
| **Date Started: 12-Jul-05**<br>**Date Finished: 15-Jul-05**<br>**Final Depth: 139.30 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -60** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au g/t | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94.05 | 100.25 | Argillite Breccia: dark grey, weakly-moderately brx'd, fragment supported, monolithic. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 100.25 | 101.20 | Chloritic Argillite Breccia: dark green-grey, fragment supported, heterolithic | qtz | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 101.20 | 103.35 | Chloritic Argillite Breccia - Gabbro Transition/Contact Zone: dark green + dark grey + dark red, moderately brx'd, weakly magnetic. | qtz | irregular | strong chlorite alter. | | | | 108216 | 101.20 | 103.35 | 2.15 | 2.5 | 61.8 |
| | | | | | | | | | | | | 0.00 | | |
| 103.35 | 110.65 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter., strong patchy hematite alter. | | | | 108217 | 103.35 | 106.35 | 3.00 | 4.6 | 111.7 |
| | | | | | | | | | 108218 | 106.35 | 109.35 | 3.00 | 55.5 | 124.3 |
| | | | | | | | | | 108219 | 109.35 | 110.65 | 1.30 | 4.1 | 6.4 |
| | | | | | | | | | 108220 | Duplicate of 108220 | | | 2.4 | 7.1 |
| 110.65 | 121.70 | Chloritic Argillite Breccia: dark green-grey, fragment supported, heterolithic | qtz | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 121.70 | 128.00 | Argillite Breccia: dark grey, weakly-moderately brx'd, fragment supported, monolithic. | qtz-carb | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 128.00 | 138.25 | Chloritic Breccia: dark green/grey, fragment supported, heterolithic. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 138.25 | 139.30 | Argillite Breccia: dark grey, weakly-moderately brx'd, fragment supported, monolithic. | | | | | | | | | | | | |
| EOH | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**

**HOLE: YO-05-04**



| | | | |
|---|---|---|---|
| **Date Started: 15-Jul-05**<br>**Date Finished: 16-Jul-05**<br>**Final Depth: 70.10 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -45** |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| 0.00 | 5.10 | Overburden/Rubble | | | | | | | | | | | | |
| 5.10 | 7.00 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| 7.00 | 9.15 | Gabbro: dark grey/green, massive. | qtz | ~45º | strong chlorite alter. | | | | | | | | | |
| 9.15 | 9.70 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| 9.70 | 11.50 | Argillite Breccia: dark grey, fragment supported. | qtz-calc-hem | irregular | | | | | | | | | | |
| 11.50 | 11.70 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| 11.70 | 12.05 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter. | | | | | | | | | |
| | | | | | strong patchy hematite alter. | | | | | | | | | |
| 12.05 | 13.25 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| 13.25 | 15.00 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter. | | | | | | | | | |
| | | | | | strong patchy hematite alter. | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**



**HOLE: YO-05-04**

| | | | |
|---|---|---|---|
| **Date Started: 15-Jul-05**<br>**Date Finished: 16-Jul-05**<br>**Final Depth: 70.10 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -45** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au g/t | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.00 | 16.85 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| 16.85 | 18.70 | Argillite Breccia: dark grey, fragment supported. | qtz-calc | irregular | | | | 2 | 108221 | 16.85 | 18.70 | 1.85 | 1.3 | 4.2 |
| 18.70 | 19.85 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | 5 | 108222 | 18.70 | 19.85 | 1.15 | 3.1 | 13.3 |
| 19.85 | 22.40 | Gabbro: dark grey/green, massive. | qtz | irregular | strong chlorite alter. | | | 2 | 108223 | 19.85 | 22.40 | 2.55 | 11.6 | 9.2 |
| 22.40 | 26.30 | Chloritic Hematite Breccia: dark green-grey, matrix supported, heterolithic. | | | | | | 10 | 108224 | 22.40 | 24.40 | 2.00 | 4.6 | 192.1 |
| | | | | | | | | | 108225 | BLANK | | | 0.8 | 12.2 |
| | | | | | | | | 10 | 108226 | 24.40 | 26.30 | 1.90 | 1.1 | 27.1 |
| 26.30 | 31.85 | Hematite Breccia: dark red, monolithic, matrix supported. | qtz-calc | ~90º + irreg | | <<1 | tr. | 10 | 108227 | 26.30 | 29.00 | 2.70 | 2.3 | 49.2 |
| | | | | | | <<1 | tr. | 10 | 108228 | 29.00 | 31.85 | 2.85 | 2.6 | 57 |
| | | | | | | | | | 108229 | Standard CDN-CGS-[illegible] | | | 892.6 | >10000 |
| 31.85 | 34.00 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | 15 | 108230 | 31.85 | 34.30 | 2.45 | 3.8 | 472.7 |
| 34.00 | 34.30 | Gabbro: dark grey/green, massive. | | | strong chlorite alter. | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-04**



| | | | |
|---|---|---|---|
| **Date Started: 15-Jul-05**<br>**Date Finished: 16-Jul-05**<br>**Final Depth: 70.10 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: 55**<br>**Dip: -45** |

| **DEPTH** | | **DESCRIPTION** | **STRUCTURE** | | **ALTERATION** | **METALLIC** | | | **SAMPLE DATA** | | | | **RESULTS** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (meters) | | | Veins & Fractures | Angle | | **MINERALS** | | | | | | | | |
| From | To | | | | | % | | | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| | | | | | | cp. | py. | spec. | | | | | | |
| 34.30 | 46.55 | Hematite Breccia: dark red, heterolithic, matrix supported. | qtz-calc | irregular | | tr. | | 10 | 108231 | 34.30 | 37.55 | 3.25 | 1.4 | 141.4 |
| | | | | | | tr. | | 10 | 108232 | 37.55 | 40.55 | 3.00 | <.5 | 5 |
| | | | | | | tr. | | 10 | 108233 | 40.55 | 43.55 | 3.00 | 0.8 | 7.6 |
| | | | | | | tr. | | 10 | 108234 | 43.55 | 46.55 | 3.00 | 4.6 | 30.7 |
| | | | | | | | | | | | | | | |
| 46.55 | 49.55 | Gabbro Breccia: dark green-grey, weakly-moderately brx'd, Fragment supported, monolithic. | qtz | irregular | strong chlorite alter. | <<1 | | 8-10 | 108235 | 46.55 | 49.55 | 3.00 | 0.9 | 17.3 |
| | | | | | | | | | | | | | | |
| 49.55 | 56.70 | Hematite Breccia: dark red, heterolithic, matrix supported. | qtz | irregular | | | | | 108236 | 49.55 | 52.55 | 3.00 | 1.2 | 9.3 |
| | | | | | | | | | 108237 | 52.55 | 55.55 | 3.00 | 6.2 | 102.2 |
| | | | | | | | | | 108238 | 55.55 | 57.35 | 1.80 | 5.6 | 63.8 |
| | | | | | | | | | | | | | | |
| 56.70 | 57.35 | Chloritic Hematite Breccia: dark green-grey, matrix supported, heterolithic. | | | v. strong chlorite alter. | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 57.35 | 58.90 | Gabbro: dark grey/green, massive. | qtz | irregular | | <<1 | | <5 | 108239 | 57.35 | 58.90 | 1.55 | 12.3 | 40.7 |
| | | | | | | | | | | | | | | |
| 58.90 | 59.60 | Chloritic Hematite Breccia: dark green-grey, matrix supported, heterolithic. | | | | | | | 108340 | 58.90 | 60.70 | 1.80 | 11.1 | 14.8 |
| | | | | | | | | | 108241 | Duplicate of 108240 | | | 9 | 15.5 |
| 59.60 | 60.70 | Gabbro Breccia: dark green-grey, weakly-moderately brx'd, Fragment supported, monolithic. | qtz | irregular | strong chlorite alter. | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 60.70 | 68.85 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-04**

| | | | |
|---|---|---|---|
| Date Started: 15-Jul-05<br>Date Finished: 16-Jul-05<br>Final Depth: 70.10 m | UTM: NAD 83, ZONE 8<br>Northing: 7217721<br>Easting: 636129<br>Elevation: 995 m | Logged By: P. Cooper<br>Drilling Company: Advanced Drilling Ltd.<br>Core Size: HQ | Azimuth: 55<br>Dip: -45 |

| DEPTH (meters) | | DESCRIPTION | STRUCTURE | | ALTERATION | METALLIC MINERALS % | | | SAMPLE DATA | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| 68.85 | 70.10 | Gabbro: dark grey/green, massive. | qtz-hem | ~90º | | | | | | | | | | |
| EOH | | | | | | | | | | | | | | |

**PROJECT: YUKON OLYMPIC**



**HOLE: YO-05-05**

| | | | |
|---|---|---|---|
| **Date Started: 16-Jul-05**<br>**Date Finished: 17-Jul-05**<br>**Final Depth: 94.50 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: N/A**<br>**Dip: -90** |

| **DEPTH** (meters) | | **DESCRIPTION** | **STRUCTURE** | | **ALTERATION** | **METALLIC MINERALS** % | | | **SAMPLE DATA** | | | | **RESULTS** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | | Veins & Fractures | Angle | | cp. | py. | spec. | Sample No. | From | To | Length m | Au g/t | Cu ppm |
| 0.00 | 2.05 | Overburden | | | | | | | | | | | | |
| 2.05 | 7.40 | Chloritic Breccia: dark green/grey, matrix supported, heterolithic. | qtz-hem | irregular | | | | | | | | | | |
| 7.40 | 10.75 | Chloritic Argillite Breccia: dark green-grey, matrix supported, monolithic. | qtz-hem | irregular | | | | | | | | | | |
| 10.75 | 16.80 | Argillite Breccia: dark grey, fragment supported. | qtz-calc | ~80-90º | strong hematite alter., moderate chlorite alter. | | | | 108242 | 10.75 | 13.75 | 3.00 | 4.5 | 16.9 |
| | | | | | | | | | 108243 | 13.75 | 16.80 | 3.05 | 3.1 | 8.6 |
| 16.80 | 17.90 | Chloritic Breccia: dark green/grey, matrix supported, monolithic. | qtz | irregular | | | | 2 | 108244 | 16.80 | 17.90 | 1.10 | 3.4 | 9.8 |
| 17.90 | 34.85 | Hematite Breccia: dark red, heterolithic, matrix supported. | | | | tr. | | 10 | 108245 | 17.90 | 20.90 | 3.00 | 2.6 | 31.4 |
| | | | | | | tr. | | 10 | 108246 | 20.90 | 23.90 | 3.00 | 3.1 | 3.1 |
| | | | | | | tr. | | 10 | 108247 | 23.90 | 26.90 | 3.00 | 0.8 | 74.6 |
| | | | | | | tr. | | 10 | 108248 | 26.90 | 29.90 | 3.00 | 0.8 | 9.5 |
| | | | | | | | | | 108249 | BLANK | | | <.5 | 1.4 |
| | | | | | | tr. | | 10 | 108250 | 29.90 | 32.90 | 3.00 | 1.1 | 74.8 |
| | | | | | | tr. | | 10 | 108251 | 32.90 | 34.85 | 1.95 | 0.8 | 52.2 |

**PROJECT: YUKON OLYMPIC**
**HOLE: YO-05-05**



| | | | |
|---|---|---|---|
| **Date Started: 16-Jul-05**<br>**Date Finished: 17-Jul-05**<br>**Final Depth: 94.50 m** | **UTM: NAD 83, ZONE 8**<br>**Northing: 7217721**<br>**Easting: 636129**<br>**Elevation: 995 m** | **Logged By: P. Cooper**<br>**Drilling Company: Advanced Drilling Ltd.**<br>**Core Size: HQ** | **Azimuth: N/A**<br>**Dip: -90** |

| DEPTH (meters) From | To | DESCRIPTION | STRUCTURE Veins & Fractures | Angle | ALTERATION | METALLIC MINERALS % cp. | py. | spec. | SAMPLE DATA Sample No. | From | To | Length m | RESULTS Au g/t | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34.85 | 44.05 | Gabbro: dark grey/green, massive. | qtz-calc | irregular | | tr. | | | 108252 | 34.85 | 37.85 | 3.00 | 0.5 | 210.5 |
| | | | | | | | | | 108253 | Standard CDN-CGS-5 | | | 96.7 | 1638.2 |
| | | | | | | tr. | | | 108254 | 37.85 | 40.85 | 3.00 | 3.4 | 6.6 |
| | | | | | | tr. | | | 108255 | 40.85 | 44.05 | 3.20 | 2.8 | 11.9 |
| | | | | | | | | | | | | | | |
| 44.05 | 74.75 | Hematite Breccia: dark red, heterolithic, matrix supported. | qtz | irregular | | | | 8-10 | 108256 | 44.05 | 47.05 | 3.00 | 1.5 | 3.7 |
| | | | | | | | | 8-10 | 108257 | 47.05 | 50.05 | 3.00 | 0.5 | 3.6 |
| | | | | | | | | 8-10 | 108258 | 50.05 | 53.05 | 3.00 | <.5 | 5.8 |
| | | | | | | | | 8-10 | 108259 | 53.05 | 56.05 | 3.00 | 0.6 | 56.2 |
| | | | | | | | | 8-10 | 108260 | 56.05 | 59.05 | 3.00 | <.5 | 17.2 |
| | | | | | | | | | | | | | | |
| 74.75 | 77.25 | Chloritic Hematite Breccia: dark green-grey, matrix supported, heterolithic. | qtz | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 77.25 | 82.70 | Hematite Breccia: dark red, heterolithic, matrix supported. | qtz | irregular | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 82.70 | 94.50 | Gabbro: dark grey/green, massive. | qtz | irregular | strong hematite alter., strong chlorite alter. | | | 5-8 | 108261 | 82.70 | 85.70 | 3.00 | 18.9 | 12 |
| EOH | | | | | | | | 5-8 | 108262 | 85.70 | 88.70 | 3.00 | | |
| | | | | | | | | 5-8 | 108263 | 88.70 | 91.70 | 3.00 | | |
| | | | | | | | | 5-8 | 108264 | 91.70 | 94.50 | 2.80 | | |

# Appendix “B”

## <u>Assay Certificates</u>

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

## Copper Ridge Exploration Inc. PROJECT Yukon Olympic File # A503644 Page 1

500 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: Peter Cooper

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104500 | .6 | 33.9 | 1.2 | 24 | .1 | 30.1 | 24.7 | 1237 | 4.52 | 1.6 | 1.2 | 4.8 | 10.0 | 10 | <.1 | .2 | .5 | 62 | 1.40 | .077 | 43 | 47.9 | 3.37 | 534 | .020 | 3 | 2.07 | .008 | .14 | .2 | .01 | 6.0 | <.1 | <.05 | 10 | <.5 | 3.82 |
| 104501 | .8 | 70.9 | 3.8 | 20 | .1 | 25.9 | 19.3 | 1434 | 3.99 | 1.4 | 15.2 | 6.7 | 10.1 | 40 | <.1 | .2 | .3 | 53 | 1.99 | .062 | 17 | 51.7 | 2.96 | 2046 | .022 | <1 | 1.70 | .006 | .12 | .8 | .01 | 6.8 | <.1 | <.05 | 10 | <.5 | 7.18 |
| 104502 | 1.1 | 654.5 | 1.0 | 41 | .1 | 37.6 | 99.6 | 1309 | 5.78 | 7.2 | 1.1 | 7.3 | 7.3 | 28 | <.1 | .1 | .3 | 145 | .82 | .073 | 19 | 51.4 | 4.25 | 787 | .018 | 2 | 2.96 | .005 | .14 | .2 | .01 | 11.7 | <.1 | .16 | 17 | .5 | 7.15 |
| 104503 | .8 | 370.0 | 1.9 | 35 | .1 | 32.1 | 39.6 | 1058 | 4.62 | 1.4 | 6.0 | 7.0 | 5.3 | 31 | <.1 | .1 | .4 | 90 | .71 | .053 | 18 | 63.1 | 3.62 | 1643 | .013 | 1 | 2.59 | .005 | .11 | .6 | .01 | 8.5 | <.1 | <.05 | 11 | <.5 | 5.65 |
| 104504 | .7 | 1236.3 | .5 | 60 | .1 | 47.0 | 61.9 | 2120 | 8.18 | .8 | .4 | 2.5 | .5 | 17 | <.1 | .1 | .6 | 224 | .50 | .039 | 6 | 54.8 | 5.72 | 1328 | .013 | 1 | 4.37 | .004 | .03 | <.1 | .01 | 22.5 | <.1 | <.05 | 16 | <.5 | 6.85 |
| 104505 | .4 | 683.3 | 1.1 | 67 | <.1 | 50.5 | 61.6 | 2057 | 8.78 | 1.2 | 3.4 | 3.6 | .6 | 19 | <.1 | .1 | 1.5 | 262 | .58 | .039 | 6 | 127.1 | 6.87 | 1496 | .012 | 3 | 5.32 | .003 | .03 | .3 | .01 | 28.3 | <.1 | <.05 | 18 | <.5 | 6.43 |
| 104506 | .3 | 584.2 | .5 | 63 | <.1 | 49.3 | 59.1 | 1984 | 8.49 | .9 | .3 | 1.4 | .5 | 20 | <.1 | .1 | 4.9 | 224 | .52 | .036 | 5 | 77.3 | 6.50 | 1299 | .012 | 3 | 4.99 | .003 | .03 | <.1 | .01 | 26.4 | <.1 | <.05 | 16 | <.5 | 8.18 |
| 104507 | .3 | 198.6 | .7 | 65 | .1 | 47.8 | 61.6 | 1923 | 7.58 | .9 | 1.2 | 17.5 | .5 | 18 | <.1 | .1 | 3.9 | 236 | .86 | .041 | 4 | 73.7 | 6.76 | 1355 | .009 | 4 | 4.74 | .003 | .03 | .2 | .01 | 26.6 | <.1 | <.05 | 15 | <.5 | 8.66 |
| 104508 | .3 | 78.3 | .6 | 57 | <.1 | 41.2 | 57.0 | 2084 | 6.96 | 1.6 | .2 | 2.8 | .6 | 15 | <.1 | .1 | .4 | 248 | 1.20 | .053 | 6 | 48.9 | 5.85 | 911 | .012 | 2 | 3.85 | .005 | .03 | <.1 | <.01 | 24.3 | <.1 | <.05 | 15 | <.5 | 8.22 |
| 104509 | .4 | 137.0 | .8 | 69 | .1 | 42.5 | 58.7 | 2234 | 7.63 | 1.2 | 1.3 | 6.8 | .4 | 30 | <.1 | .1 | .8 | 243 | .57 | .040 | 5 | 46.3 | 6.39 | 1876 | .012 | 3 | 4.69 | .003 | .03 | .2 | <.01 | 25.8 | <.1 | <.05 | 15 | <.5 | 8.67 |
| 104510 | .4 | 228.0 | .6 | 67 | .1 | 42.4 | 56.6 | 2257 | 7.54 | 1.1 | .2 | 7.0 | .4 | 32 | <.1 | .1 | .7 | 239 | .68 | .039 | 5 | 45.1 | 6.28 | 1874 | .013 | 4 | 4.47 | .003 | .03 | <.1 | .01 | 26.0 | <.1 | <.05 | 15 | <.5 | 5.12 |
| 104511 | .3 | 118.1 | .6 | 69 | <.1 | 45.0 | 59.1 | 2266 | 7.74 | 1.1 | .9 | 1.5 | .5 | 20 | <.1 | .1 | .2 | 240 | .58 | .044 | 7 | 40.7 | 6.33 | 1296 | .012 | 3 | 4.77 | .003 | .03 | .3 | <.01 | 25.5 | <.1 | <.05 | 17 | <.5 | 6.48 |
| 104512 | .3 | 226.9 | .6 | 72 | .1 | 49.0 | 56.5 | 2194 | 7.25 | .9 | .3 | 3.1 | .5 | 11 | <.1 | .2 | .4 | 242 | 1.00 | .041 | 7 | 53.2 | 6.03 | 716 | .010 | 2 | 4.14 | .006 | .03 | <.1 | .01 | 26.1 | <.1 | <.05 | 17 | <.5 | 8.40 |
| 104513 | .6 | 140.0 | 1.1 | 29 | .1 | 31.8 | 22.3 | 1072 | 4.17 | 1.5 | 2.6 | 10.5 | 9.0 | 29 | <.1 | .2 | .5 | 55 | 1.04 | .079 | 27 | 42.7 | 2.87 | 1522 | .019 | 1 | 2.12 | .005 | .16 | .6 | .01 | 5.5 | <.1 | <.05 | 9 | <.5 | 9.85 |
| 104514 | .6 | 27.7 | .8 | 24 | <.1 | 25.2 | 18.2 | 1479 | 3.62 | 1.5 | .9 | 6.1 | 8.2 | 34 | <.1 | .2 | .4 | 48 | 1.52 | .065 | 31 | 40.6 | 2.47 | 2003 | .016 | 1 | 1.72 | .005 | .13 | .2 | .01 | 5.4 | <.1 | <.05 | 8 | <.5 | 9.75 |
| 104515 (rock) | .3 | 4.7 | 3.6 | 15 | <.1 | 3.9 | 1.2 | 126 | .19 | 1.0 | 2.0 | <.5 | .3 | 136 | .3 | .3 | <.1 | 5 | 26.01 | .005 | 2 | 3.8 | 11.98 | 376 | .001 | 2 | .09 | .010 | .02 | .1 | <.01 | .5 | <.1 | .08 | <1 | <.5 | 1.88 |
| 104516 | .7 | 16.5 | 1.1 | 29 | <.1 | 29.6 | 20.9 | 1103 | 4.88 | 2.0 | 1.3 | 5.1 | 8.7 | 12 | <.1 | .3 | .5 | 78 | 1.05 | .091 | 56 | 36.9 | 3.05 | 884 | .023 | 2 | 2.35 | .005 | .21 | .1 | <.01 | 5.5 | <.1 | <.05 | 9 | <.5 | 5.82 |
| 104517 | .7 | 15.1 | 1.3 | 20 | <.1 | 26.4 | 15.6 | 1194 | 3.75 | 1.5 | 3.0 | 7.9 | 8.3 | 30 | <.1 | .3 | .3 | 52 | 2.08 | .072 | 34 | 30.6 | 2.79 | 2341 | .024 | 2 | 1.68 | .004 | .24 | .7 | <.01 | 5.1 | <.1 | .09 | 6 | <.5 | 6.22 |
| 104518 | 1.2 | 72.1 | .9 | 22 | .1 | 29.1 | 19.2 | 1209 | 4.07 | 1.3 | 1.7 | 11.1 | 7.8 | 25 | <.1 | .2 | .6 | 65 | 2.05 | .078 | 28 | 29.4 | 3.17 | 1801 | .024 | 2 | 1.95 | .006 | .21 | .2 | .01 | 5.2 | <.1 | <.05 | 8 | <.5 | 9.04 |
| 104519 | .7 | 32.7 | 1.4 | 18 | <.1 | 26.7 | 17.5 | 863 | 3.87 | 1.7 | 3.3 | 8.4 | 9.9 | 22 | <.1 | .2 | .6 | 36 | 1.39 | .071 | 40 | 33.4 | 2.58 | 1686 | .024 | 2 | 1.81 | .005 | .23 | .8 | .01 | 3.5 | <.1 | <.05 | 7 | .5 | 11.10 |
| 104520 (pulp) | 14.2 | 1609.6 | 6.1 | 60 | .4 | 489.2 | 20.5 | 646 | 4.51 | 6.7 | .4 | 136.5 | 1.6 | 75 | .2 | 1.8 | .2 | 68 | 1.34 | .067 | 6 | 683.6 | .89 | 167 | .110 | 5 | 1.75 | .116 | .26 | 1.3 | .31 | 4.8 | .1 | .85 | 6 | 3.5 | - |
| 104521 | .9 | 21.4 | 1.6 | 16 | .1 | 28.6 | 23.2 | 1268 | 4.27 | 1.4 | 1.9 | 1.2 | 8.2 | 19 | <.1 | .3 | 1.0 | 70 | 2.55 | .078 | 39 | 26.1 | 3.16 | 1365 | .030 | 2 | 1.93 | .007 | .25 | .2 | <.01 | 6.2 | <.1 | <.05 | 7 | <.5 | 6.49 |
| 104522 | .6 | 26.7 | 1.5 | 20 | <.1 | 35.1 | 19.2 | 1174 | 4.21 | 1.4 | 3.4 | 1.5 | 9.8 | 20 | <.1 | .2 | .3 | 42 | 2.12 | .063 | 35 | 47.7 | 3.21 | 1598 | .024 | 2 | 2.16 | .005 | .27 | .7 | .01 | 4.5 | <.1 | <.05 | 7 | <.5 | 8.25 |
| 104523 | .6 | 116.3 | 1.1 | 9 | <.1 | 18.9 | 8.9 | 737 | 2.64 | 1.2 | 2.7 | 1.7 | 10.5 | 26 | <.1 | .2 | .2 | 15 | 1.60 | .061 | 29 | 14.9 | 1.62 | 1885 | .020 | 2 | 1.15 | .004 | .32 | .2 | <.01 | 2.4 | <.1 | <.05 | 3 | <.5 | 6.37 |
| 104524 | .6 | 86.1 | 1.4 | 8 | <.1 | 19.6 | 9.2 | 739 | 2.66 | .9 | 4.0 | 4.6 | 9.5 | 27 | <.1 | .3 | .2 | 12 | 1.50 | .052 | 22 | 17.2 | 1.60 | 1863 | .018 | 3 | 1.17 | .004 | .27 | 1.0 | .01 | 2.1 | <.1 | <.05 | 3 | <.5 | 12.15 |
| 104525 | .6 | 58.3 | 1.1 | 9 | <.1 | 20.0 | 10.2 | 1213 | 2.92 | 1.4 | 1.9 | 1.3 | 8.8 | 39 | <.1 | .3 | .2 | 16 | 2.71 | .054 | 22 | 15.5 | 2.28 | 2111 | .021 | 2 | 1.18 | .005 | .27 | .2 | .05 | 2.4 | <.1 | <.05 | 3 | <.5 | 9.21 |
| 104526 | .8 | 57.3 | 1.7 | 15 | <.1 | 22.2 | 10.8 | 789 | 3.30 | 1.3 | 2.8 | 1.3 | 11.3 | 29 | <.1 | .4 | .4 | 18 | 1.67 | .063 | 26 | 20.2 | 1.82 | 2238 | .027 | 2 | 1.28 | .004 | .33 | .8 | .01 | 2.7 | <.1 | <.05 | 4 | <.5 | 8.42 |
| 104527 | .5 | 30.0 | .9 | 31 | <.1 | 39.7 | 34.2 | 1042 | 4.53 | 1.4 | .9 | 1.4 | 6.5 | 23 | <.1 | .2 | .3 | 108 | 1.38 | .102 | 24 | 34.0 | 3.75 | 2065 | .014 | 2 | 2.69 | .006 | .15 | .1 | .01 | 7.6 | <.1 | <.05 | 12 | <.5 | 7.80 |
| 104528 | .5 | 6.7 | 1.2 | 21 | <.1 | 30.5 | 17.3 | 936 | 3.25 | 1.1 | 2.5 | 2.1 | 10.1 | 27 | <.1 | .2 | .1 | 36 | 1.34 | .063 | 23 | 36.8 | 2.58 | 1368 | .012 | 2 | 1.97 | .005 | .26 | .6 | <.01 | 3.4 | <.1 | <.05 | 7 | <.5 | 8.84 |
| 104529 | .6 | 5.0 | .9 | 13 | <.1 | 21.2 | 12.6 | 928 | 3.03 | 1.0 | 2.1 | 1.7 | 10.3 | 24 | <.1 | .2 | .2 | 21 | 1.90 | .064 | 27 | 20.5 | 2.30 | 1674 | .018 | 2 | 1.45 | .005 | .28 | .2 | <.01 | 2.5 | <.1 | <.05 | 4 | <.5 | 8.13 |
| RE 104529 | .6 | 4.7 | .9 | 13 | <.1 | 21.6 | 12.9 | 929 | 3.06 | 1.0 | 2.0 | 14.4 | 10.1 | 25 | <.1 | .2 | .2 | 21 | 1.90 | .065 | 28 | 20.8 | 2.30 | 1718 | .019 | 2 | 1.45 | .004 | .30 | .2 | .01 | 2.7 | <.1 | <.05 | 4 | <.5 | - |
| RRE 104529 | .8 | 3.9 | 1.2 | 13 | <.1 | 22.1 | 12.5 | 915 | 3.00 | 1.2 | 3.8 | 5.3 | 10.5 | 26 | <.1 | .2 | .2 | 20 | 1.86 | .065 | 28 | 21.4 | 2.27 | 1750 | .019 | 3 | 1.42 | .005 | .28 | 1.0 | <.01 | 2.7 | <.1 | <.05 | 4 | <.5 | - |
| 104530 | .7 | 5.0 | .9 | 13 | <.1 | 21.3 | 12.5 | 868 | 3.00 | 1.3 | 1.8 | 3.5 | 10.1 | 17 | <.1 | .2 | .2 | 19 | 1.76 | .063 | 32 | 18.9 | 2.26 | 1030 | .017 | 2 | 1.47 | .004 | .26 | .2 | <.01 | 2.4 | <.1 | <.05 | 4 | <.5 | 4.80 |
| 104531 | 2.2 | 117.8 | 1.1 | 18 | <.1 | 26.7 | 17.4 | 1077 | 3.17 | 1.1 | 3.2 | 19.6 | 8.9 | 35 | <.1 | .1 | .5 | 31 | 2.06 | .069 | 28 | 29.5 | 2.87 | 1678 | .014 | 1 | 1.79 | .006 | .23 | .6 | <.01 | 3.4 | <.1 | <.05 | 6 | <.5 | 8.21 |
| STANDARD DS6 | 12.1 | 126.5 | 28.7 | 136 | .3 | 24.1 | 10.3 | 733 | 2.90 | 21.0 | 6.7 | 44.9 | 2.9 | 36 | 6.1 | 3.6 | 4.9 | 58 | .88 | .081 | 14 | 196.7 | .58 | 163 | .076 | 17 | 1.96 | .071 | .15 | 3.5 | .22 | 3.2 | 1.7 | <.05 | 6 | 4.5 | - |

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBIL
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____ DATE RECEIVED: JUL 20 2005 DATE REPORT MAILED: Aug. 3/05......

BRITISH COLUMBIA CERTIFIED ASSAYER — Clarence Leong

ACME ANALYTICAL

## Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503644 Page 2

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104532 | 4.9 | 237.7 | 1.0 | 22 | <.1 | 28.9 | 21.0 | 965 | 4.16 | 1.2 | 3.8 | 22.9 | 8.7 | 31 | <.1 | .2 | .3 | 49 | 1.30 | .078 | 28 | 35.4 | 2.51 | 1344 | .017 | 3 | 1.75 | .007 | .16 | .3 | .01 | 3.9 | <.1 | <.05 | 9 | <.5 | 7.66 |
| 104533 | 1.2 | 138.3 | 1.1 | 25 | <.1 | 31.9 | 22.1 | 799 | 4.63 | 1.2 | 1.9 | 41.9 | 8.6 | 21 | <.1 | .2 | .2 | 48 | 1.07 | .073 | 25 | 33.9 | 2.59 | 1255 | .024 | 2 | 1.94 | .004 | .18 | .3 | .01 | 4.1 | <.1 | <.05 | 9 | <.5 | 9.71 |
| 104534 | 2.3 | 289.1 | 1.1 | 28 | <.1 | 33.5 | 24.2 | 778 | 4.24 | .8 | 2.4 | 9.0 | 9.9 | 26 | <.1 | .2 | .2 | 46 | .89 | .068 | 24 | 36.0 | 2.68 | 1334 | .014 | 2 | 2.10 | .005 | .20 | .2 | <.01 | 3.6 | <.1 | <.05 | 9 | <.5 | 3.85 |
| RE 104534 | 2.3 | 282.9 | 1.2 | 27 | <.1 | 32.8 | 23.1 | 766 | 4.19 | .7 | 2.3 | 8.0 | 9.7 | 26 | <.1 | .2 | .2 | 46 | .87 | .068 | 24 | 35.0 | 2.65 | 1321 | .014 | 2 | 2.07 | .005 | .21 | .2 | <.01 | 3.8 | <.1 | <.05 | 9 | <.5 | - |
| RRE 104534 | 2.1 | 281.1 | 1.2 | 28 | <.1 | 34.1 | 24.6 | 781 | 4.28 | .8 | 2.3 | 12.1 | 9.8 | 26 | <.1 | .2 | .2 | 48 | .89 | .070 | 25 | 36.0 | 2.72 | 1293 | .014 | 3 | 2.12 | .005 | .20 | .2 | .01 | 3.7 | <.1 | <.05 | 9 | <.5 | - |
| 104535 (rock) | .5 | 2.7 | 1.7 | 12 | <.1 | 9.1 | .9 | 100 | .10 | 1.2 | .4 | <.5 | .1 | 146 | .4 | .4 | <.1 | 7 | 24.98 | .005 | 1 | 2.5 | 9.16 | 50 | <.001 | 2 | .05 | .010 | .02 | <.1 | .01 | .5 | <.1 | .26 | <1 | <.5 | 2.16 |
| 104536 | 2.3 | 319.9 | 1.3 | 34 | <.1 | 36.9 | 23.5 | 1178 | 4.79 | .8 | 1.6 | 11.9 | 8.1 | 38 | <.1 | .2 | .7 | 96 | .79 | .069 | 22 | 36.9 | 2.95 | 1867 | .014 | 2 | 2.47 | .005 | .20 | .1 | .01 | 6.3 | <.1 | .06 | 10 | <.5 | 8.22 |
| 104537 | 1.7 | 86.7 | 1.0 | 27 | <.1 | 28.9 | 23.2 | 996 | 4.71 | 1.6 | 1.9 | 9.1 | 6.9 | 13 | <.1 | .2 | .2 | 65 | 1.13 | .062 | 22 | 33.3 | 2.97 | 706 | .016 | 1 | 2.14 | .004 | .12 | .2 | .01 | 5.1 | <.1 | .07 | 11 | <.5 | 9.02 |
| 104538 | 1.1 | 92.8 | 1.0 | 37 | <.1 | 35.6 | 28.2 | 1172 | 5.62 | 1.8 | 1.1 | 7.8 | 5.2 | 17 | <.1 | .2 | .3 | 128 | .43 | .057 | 17 | 32.0 | 3.11 | 897 | .016 | 2 | 2.59 | .004 | .09 | .1 | .01 | 7.5 | <.1 | .07 | 12 | <.5 | 8.33 |
| 104539 | .7 | 221.3 | 1.0 | 41 | <.1 | 38.1 | 32.2 | 1460 | 5.75 | 1.4 | 1.0 | 13.7 | 4.7 | 21 | <.1 | .2 | .5 | 128 | .76 | .058 | 18 | 27.2 | 3.68 | 913 | .015 | 2 | 2.97 | .004 | .11 | .1 | .01 | 9.1 | <.1 | .07 | 14 | <.5 | 8.42 |
| 104540 (pulp) | 28.6 | >10000 | 10.5 | 88 | 2.7 | 906.4 | 28.1 | 1116 | 10.95 | 8.9 | .1 | 1020.4 | 1.0 | 58 | .3 | 3.3 | .8 | 53 | 1.60 | .056 | 3 | 1244.3 | .77 | 25 | .002 | 7 | .88 | .026 | .40 | 2.4 | 1.17 | 4.1 | .1 | 3.22 | 4 | 17.8 | - |
| 104541 | .4 | 7.0 | 1.4 | 21 | <.1 | 31.9 | 18.8 | 879 | 4.41 | 1.2 | 1.2 | 2.1 | 8.5 | 20 | <.1 | .2 | .2 | 44 | 1.03 | .054 | 32 | 42.3 | 2.52 | 1452 | .018 | 1 | 1.89 | .004 | .17 | .1 | <.01 | 4.3 | <.1 | <.05 | 9 | <.5 | 9.23 |
| 104542 | .3 | 6.2 | .9 | 56 | <.1 | 35.4 | 37.4 | 1631 | 6.00 | .8 | 1.1 | 5.3 | 4.5 | 31 | <.1 | .1 | .5 | 172 | .49 | .053 | 19 | 44.7 | 4.34 | 1850 | .014 | 4 | 3.47 | .004 | .07 | .1 | .01 | 13.5 | <.1 | <.05 | 15 | <.5 | 8.16 |
| 104543 | 2.7 | 231.2 | 1.4 | 25 | <.1 | 33.4 | 22.4 | 879 | 4.91 | 1.6 | 2.9 | 39.2 | 9.4 | 22 | <.1 | .2 | .3 | 54 | .78 | .073 | 35 | 38.4 | 2.57 | 1233 | .018 | 2 | 2.18 | .005 | .25 | .3 | <.01 | 4.0 | <.1 | <.05 | 9 | <.5 | 8.28 |
| 104544 | 17.0 | 290.5 | 1.5 | 29 | .1 | 30.7 | 69.4 | 897 | 6.39 | 16.3 | 5.0 | 55.4 | 6.7 | 6 | <.1 | .2 | 1.8 | 64 | .46 | .067 | 18 | 47.0 | 2.83 | 140 | .021 | 1 | 2.54 | .004 | .20 | .4 | .02 | 4.3 | <.1 | .83 | 11 | .8 | 8.18 |
| 104545 | 9.4 | 1637.0 | 1.4 | 38 | .1 | 32.2 | 63.2 | 1108 | 6.59 | 4.7 | 3.8 | 19.0 | 8.1 | 14 | <.1 | .2 | .7 | 68 | .26 | .061 | 17 | 47.4 | 3.00 | 496 | .022 | 2 | 2.73 | .004 | .12 | .1 | .01 | 6.3 | <.1 | .27 | 14 | <.5 | 10.96 |
| 104546 | .8 | 501.9 | 1.4 | 61 | .2 | 34.4 | 61.0 | 1578 | 7.78 | 1.0 | .4 | 15.8 | 1.5 | 30 | <.1 | .3 | .7 | 329 | .37 | .079 | 8 | 17.4 | 5.33 | 1178 | .021 | 3 | 4.07 | .004 | .04 | <.1 | .01 | 18.1 | <.1 | <.05 | 18 | <.5 | 8.45 |
| 104547 | .5 | 61.8 | 1.4 | 63 | .1 | 34.0 | 62.9 | 1613 | 7.15 | .9 | .3 | 1.5 | 1.4 | 34 | <.1 | .3 | 1.1 | 356 | .59 | .074 | 8 | 19.9 | 5.54 | 1304 | .014 | 3 | 4.06 | .003 | .03 | <.1 | <.01 | 19.7 | <.1 | <.05 | 18 | <.5 | 6.97 |
| 104548 | .4 | 22.8 | 1.6 | 57 | <.1 | 34.4 | 55.6 | 1912 | 7.80 | 1.2 | .4 | 2.3 | 1.5 | 17 | <.1 | .3 | 1.1 | 354 | 1.38 | .063 | 9 | 19.5 | 5.74 | 647 | .018 | 2 | 4.06 | .005 | .04 | <.1 | <.01 | 20.1 | <.1 | <.05 | 16 | <.5 | 8.31 |
| 104549 | 1.6 | 528.4 | 1.3 | 49 | .2 | 36.6 | 53.5 | 1588 | 8.50 | 1.3 | .3 | 5.5 | 1.5 | 13 | <.1 | .3 | 1.4 | 352 | .60 | .071 | 8 | 12.2 | 4.83 | 497 | .022 | 2 | 3.90 | .008 | .04 | <.1 | .01 | 17.8 | <.1 | <.05 | 18 | <.5 | 7.27 |
| 104550 | 1.9 | 526.6 | 1.2 | 59 | .2 | 38.4 | 63.9 | 1563 | 8.36 | 1.2 | .3 | 4.5 | 1.7 | 16 | <.1 | .3 | 1.6 | 359 | .50 | .085 | 10 | 16.6 | 5.26 | 667 | .021 | 2 | 4.15 | .007 | .03 | .2 | .01 | 19.4 | <.1 | <.05 | 19 | <.5 | 4.82 |
| 104551 | .8 | 265.5 | 1.4 | 52 | .1 | 28.3 | 56.6 | 1483 | 8.44 | 1.2 | .3 | 6.2 | 2.0 | 16 | <.1 | .3 | 1.0 | 327 | .62 | .094 | 10 | 10.0 | 5.09 | 546 | .023 | 2 | 3.87 | .006 | .04 | <.1 | <.01 | 19.6 | <.1 | <.05 | 19 | <.5 | 9.74 |
| 104552 | 1.0 | 160.0 | 1.4 | 50 | .1 | 28.6 | 54.7 | 1617 | 7.66 | 1.5 | .3 | 4.8 | 1.7 | 39 | <.1 | .3 | .7 | 298 | .79 | .082 | 8 | 13.9 | 5.10 | 2021 | .020 | 3 | 3.84 | .005 | .04 | <.1 | .01 | 17.7 | <.1 | <.05 | 17 | <.5 | 8.20 |
| 104553 | .8 | 222.3 | 1.3 | 49 | <.1 | 34.6 | 41.9 | 1686 | 7.47 | 1.3 | .3 | 6.2 | 1.7 | 28 | <.1 | .3 | .7 | 349 | .84 | .082 | 10 | 20.0 | 4.96 | 1227 | .022 | 2 | 3.74 | .007 | .05 | .1 | .01 | 21.2 | <.1 | <.05 | 19 | <.5 | 9.25 |
| 104554 | 6.2 | 148.5 | 1.1 | 40 | <.1 | 30.5 | 62.0 | 1304 | 6.58 | 4.6 | 1.7 | 19.2 | 7.0 | 5 | <.1 | .2 | .3 | 69 | .16 | .057 | 16 | 42.1 | 3.35 | 179 | .017 | 2 | 2.98 | .005 | .11 | .2 | <.01 | 6.0 | <.1 | .24 | 15 | <.5 | 7.21 |
| 104555 (rock) | .4 | 6.4 | 10.2 | 20 | <.1 | 9.2 | 2.6 | 146 | .33 | 1.0 | .3 | <.5 | .1 | 150 | .3 | .3 | <.1 | 15 | 22.95 | .005 | 1 | 3.1 | 8.34 | 131 | .002 | 2 | .15 | .009 | .02 | <.1 | <.01 | 1.0 | <.1 | .21 | 1 | <.5 | 1.58 |
| 104556 | 1.2 | 322.6 | 2.3 | 17 | <.1 | 15.8 | 10.4 | 793 | 5.45 | 1.6 | 1.8 | .9 | 9.6 | 37 | <.1 | .5 | .1 | 81 | .50 | .069 | 40 | 66.6 | 1.48 | 1924 | .048 | 1 | 1.26 | .007 | .16 | .7 | <.01 | 6.6 | <.1 | .14 | 8 | <.5 | 1.69 |
| 104557 | 1.6 | 63.0 | 2.7 | 30 | <.1 | 29.5 | 19.9 | 806 | 7.92 | 2.5 | 2.8 | 2.0 | 8.5 | 29 | <.1 | .5 | .3 | 72 | .20 | .066 | 27 | 50.7 | 2.39 | 1865 | .052 | 2 | 2.37 | .005 | .20 | .4 | <.01 | 5.0 | <.1 | .09 | 12 | <.5 | 8.36 |
| 104558 | 1.9 | 155.3 | 2.4 | 33 | <.1 | 29.2 | 28.3 | 768 | 8.05 | 2.9 | 2.6 | 14.4 | 8.2 | 30 | <.1 | .6 | .3 | 77 | .51 | .072 | 25 | 49.5 | 2.50 | 1476 | .051 | 1 | 2.37 | .006 | .19 | .5 | <.01 | 5.2 | <.1 | .14 | 11 | <.5 | 9.50 |
| 104559 | 1.5 | 284.9 | .8 | 55 | <.1 | 56.3 | 81.0 | 1364 | 8.13 | 6.0 | .7 | 8.3 | 1.5 | 19 | <.1 | .2 | .3 | 231 | .24 | .041 | 6 | 66.3 | 5.16 | 684 | .012 | 4 | 4.26 | .004 | .06 | .3 | <.01 | 18.5 | <.1 | .18 | 17 | <.5 | 9.76 |
| 104560 (pulp) | 25.4 | >10000 | 9.9 | 88 | 2.5 | 787.1 | 25.6 | 1147 | 11.42 | 8.7 | .1 | 964.1 | .9 | 57 | .3 | 3.7 | .7 | 55 | 1.67 | .060 | 3 | 1004.1 | .81 | 28 | .003 | 7 | .99 | .027 | .43 | 1.9 | 1.11 | 4.2 | .1 | 3.35 | 4 | 17.3 | - |
| 104561 | 4.9 | 883.3 | 1.2 | 50 | .1 | 49.3 | 68.4 | 1670 | 7.09 | 6.1 | 1.1 | 16.7 | 2.6 | 23 | <.1 | .3 | .5 | 203 | 1.10 | .047 | 10 | 61.1 | 4.47 | 931 | .025 | 4 | 3.35 | .006 | .10 | .1 | <.01 | 16.1 | <.1 | .22 | 15 | .7 | 8.73 |
| 104562 | 7.9 | 835.3 | 1.0 | 49 | <.1 | 49.4 | 45.7 | 1762 | 7.10 | 2.6 | 1.8 | 16.2 | 3.0 | 12 | <.1 | .3 | .4 | 170 | .82 | .049 | 15 | 53.8 | 4.28 | 624 | .024 | 3 | 3.42 | .006 | .11 | .1 | <.01 | 13.9 | <.1 | .15 | 14 | <.5 | 8.28 |
| 104563 | 1.5 | 7.5 | 1.2 | 19 | <.1 | 27.8 | 22.5 | 1055 | 5.53 | 1.6 | 2.1 | 21.3 | 7.7 | 9 | <.1 | .3 | .9 | 70 | 1.64 | .061 | 36 | 38.3 | 2.86 | 393 | .039 | 2 | 2.11 | .006 | .32 | .5 | <.01 | 5.2 | <.1 | <.05 | 9 | <.5 | 9.62 |
| STANDARD DS6 | 11.7 | 126.3 | 30.9 | 142 | .3 | 25.5 | 10.8 | 724 | 2.91 | 21.1 | 7.0 | 51.3 | 3.2 | 41 | 6.0 | 3.4 | 5.2 | 59 | .87 | .080 | 15 | 196.8 | .60 | 175 | .081 | 19 | 1.98 | .072 | .16 | 3.5 | .22 | 3.4 | 1.8 | <.05 | 6 | 4.3 | - |

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Data FA ____

ACME ANALYTICAL

# Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503644 Page 3

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104564 | 2.0 | 347.3 | .9 | 22 | <.1 | 29.9 | 18.1 | 886 | 4.17 | 1.6 | 2.3 | 5.4 | 8.2 | 15 | <.1 | .3 | .5 | 52 | 1.31 | .076 | 34 | 34.1 | 2.75 | 559 | .019 | 3 | 1.96 | .005 | .30 | .3 | .01 | 4.9 | <.1 | .09 | 7 | .6 | 15.33 |
| 104565 | .8 | 17.5 | 1.0 | 18 | .3 | 29.8 | 13.6 | 554 | 3.73 | 1.9 | 1.4 | 2.6 | 9.8 | 9 | <.1 | .5 | .1 | 27 | .82 | .065 | 37 | 26.3 | 2.22 | 189 | .012 | 4 | 1.93 | .005 | .49 | .2 | <.01 | 3.6 | <.1 | .08 | 5 | <.5 | 8.19 |
| 104566 | 1.2 | 2.0 | 1.1 | 18 | <.1 | 28.7 | 14.4 | 662 | 3.96 | 1.7 | 1.8 | 3.3 | 10.5 | 10 | <.1 | .4 | .2 | 26 | .94 | .070 | 47 | 30.1 | 2.46 | 249 | .017 | 2 | 1.88 | .005 | .38 | .5 | <.01 | 3.3 | <.1 | .09 | 6 | <.5 | 7.78 |
| 104567 | 1.5 | 4.3 | 1.3 | 18 | <.1 | 29.5 | 15.2 | 852 | 4.51 | 2.6 | 1.7 | 1.1 | 11.5 | 8 | <.1 | .5 | .2 | 26 | 1.03 | .061 | 46 | 30.8 | 2.47 | 104 | .017 | 1 | 2.08 | .005 | .48 | .2 | .01 | 3.7 | <.1 | <.05 | 6 | <.5 | 9.40 |
| 104568 | .7 | 2.7 | 2.1 | 10 | <.1 | 22.9 | 9.1 | 669 | 3.93 | 1.7 | 1.5 | .6 | 10.0 | 10 | <.1 | .6 | .2 | 22 | 1.14 | .060 | 36 | 24.5 | 1.77 | 343 | .026 | 3 | 1.41 | .005 | .44 | .3 | <.01 | 2.9 | <.1 | <.05 | 4 | <.5 | 7.54 |
| 104569 | .9 | 1.2 | 4.7 | 9 | <.1 | 21.9 | 7.9 | 374 | 4.83 | 2.9 | 2.6 | .7 | 10.4 | 10 | <.1 | 1.5 | .4 | 22 | .66 | .057 | 36 | 26.4 | 1.23 | 243 | .046 | 2 | 1.26 | .005 | .49 | 1.1 | <.01 | 2.7 | <.1 | <.05 | 4 | <.5 | 6.63 |
| 104570 | .8 | 2.5 | 4.7 | 9 | <.1 | 20.9 | 7.9 | 386 | 5.02 | 2.9 | 2.6 | .5 | 10.4 | 9 | <.1 | 1.5 | .4 | 24 | .67 | .060 | 38 | 25.3 | 1.28 | 221 | .049 | 3 | 1.31 | .005 | .47 | .6 | <.01 | 2.7 | <.1 | .06 | 4 | <.5 | 3.08 |
| STANDARD DS6 | 11.3 | 120.7 | 28.1 | 146 | .3 | 23.9 | 10.0 | 730 | 2.88 | 20.7 | 6.4 | 48.2 | 3.1 | 40 | 6.0 | 3.5 | 4.9 | 55 | .88 | .085 | 13 | 195.2 | .58 | 160 | .075 | 16 | 1.93 | .071 | .16 | 3.5 | .23 | 3.4 | 1.6 | .06 | 6 | 4.4 | - |

Sample type: DRILL CORE R150.



Data FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

## Copper Ridge Exploration Inc. PROJECT Yukon Olympic File # A503687 Page 1

500 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: Peter Cooper

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104450 (pulp) | 12.9 | 1525.3 | 4.5 | 52 | .3 | 548.9 | 19.3 | 531 | 3.63 | 5.2 | .3 | 84.9 | 1.2 | 57 | .2 | 1.6 | .2 | 61 | 1.04 | .053 | 5 | 768.8 | .68 | 124 | .099 | 4 | 1.35 | .106 | .21 | 1.5 | .23 | 4.0 | .1 | .79 | 4 | 3.0 | - |
| 104451 | .2 | 106.4 | 1.2 | 73 | <.1 | 52.6 | 51.2 | 2303 | 6.97 | 1.2 | .5 | 2.9 | .3 | 28 | <.1 | .3 | .2 | 241 | 1.71 | .031 | 3 | 137.6 | 5.99 | 1066 | .011 | 3 | 4.23 | .005 | .18 | .1 | .01 | 25.7 | <.1 | <.05 | 14 | <.5 | 9.05 |
| 104452 | .3 | 514.9 | .8 | 79 | .1 | 49.1 | 63.4 | 1753 | 7.43 | 1.3 | .2 | 2.1 | .9 | 27 | <.1 | .3 | .3 | 224 | .26 | .027 | 3 | 130.8 | 5.78 | 1217 | .009 | 4 | 4.61 | .003 | .12 | .1 | .01 | 19.3 | <.1 | <.05 | 15 | <.5 | 8.26 |
| 104453 | .2 | 65.2 | .9 | 77 | <.1 | 48.5 | 51.1 | 1976 | 7.31 | 1.2 | .4 | .7 | .4 | 23 | <.1 | .2 | .2 | 260 | .60 | .030 | 4 | 135.6 | 5.59 | 1321 | .010 | 3 | 4.41 | .004 | .08 | .1 | .01 | 21.3 | <.1 | <.05 | 15 | <.5 | 8.60 |
| 104454 | .3 | 56.0 | 1.1 | 53 | <.1 | 42.0 | 35.2 | 1252 | 5.92 | 1.5 | 1.1 | 20.2 | 5.5 | 33 | <.1 | .4 | .2 | 122 | .54 | .048 | 11 | 79.1 | 4.05 | 1922 | .016 | 2 | 3.34 | .003 | .18 | .3 | .01 | 10.7 | <.1 | <.05 | 11 | <.5 | 10.38 |
| 104455 | .7 | 15.9 | 1.0 | 30 | <.1 | 23.8 | 19.7 | 525 | 5.06 | 1.5 | 1.2 | 1.8 | 8.0 | 28 | <.1 | .3 | .2 | 71 | .19 | .053 | 40 | 53.3 | 2.63 | 1794 | .026 | <1 | 2.13 | .005 | .09 | .9 | .02 | 5.8 | <.1 | <.05 | 10 | <.5 | 8.02 |
| 104456 | .2 | 9.9 | .8 | 50 | <.1 | 37.4 | 32.9 | 983 | 5.54 | 1.3 | .7 | 35.5 | 4.8 | 22 | <.1 | .2 | .1 | 156 | .14 | .047 | 17 | 68.5 | 4.06 | 1424 | .013 | 2 | 3.33 | .004 | .07 | .3 | .02 | 11.3 | <.1 | <.05 | 15 | <.5 | 8.27 |
| 104457 | .2 | 1.0 | 1.0 | 41 | <.1 | 37.3 | 25.1 | 1000 | 5.62 | 1.5 | 1.8 | 6.1 | 9.9 | 9 | <.1 | .3 | .1 | 84 | .16 | .057 | 45 | 66.2 | 3.80 | 370 | .021 | 1 | 3.09 | .004 | .09 | .3 | <.01 | 9.0 | <.1 | <.05 | 16 | <.5 | 8.82 |
| 104458 | .1 | 15.9 | 1.0 | 32 | <.1 | 30.2 | 24.4 | 769 | 4.54 | .9 | .7 | 3.0 | 8.0 | 13 | <.1 | .2 | .1 | 93 | .27 | .054 | 22 | 53.4 | 3.17 | 671 | .016 | 1 | 2.50 | .004 | .08 | .4 | .01 | 7.5 | <.1 | <.05 | 14 | <.5 | 8.44 |
| RE 104458 | .2 | 16.6 | 1.0 | 35 | <.1 | 31.8 | 25.1 | 809 | 4.76 | 1.2 | .8 | 3.8 | 8.5 | 13 | <.1 | .2 | .1 | 96 | .28 | .056 | 23 | 57.0 | 3.33 | 696 | .016 | 1 | 2.61 | .004 | .09 | .4 | .01 | 7.9 | <.1 | <.05 | 15 | <.5 | - |
| RRE 104458 | .3 | 15.9 | 1.0 | 35 | <.1 | 32.3 | 25.3 | 813 | 4.77 | 1.1 | .8 | 4.0 | 8.7 | 13 | <.1 | .2 | <.1 | 95 | .28 | .057 | 24 | 56.1 | 3.33 | 678 | .016 | 1 | 2.63 | .004 | .09 | .4 | .01 | 8.0 | <.1 | <.05 | 15 | <.5 | - |
| 104459 | .2 | 75.1 | .6 | 67 | <.1 | 39.8 | 46.3 | 1092 | 6.67 | 1.2 | .3 | 1.8 | 1.0 | 16 | <.1 | .2 | .6 | 366 | .27 | .058 | 9 | 7.3 | 5.91 | 581 | .011 | 4 | 4.37 | .003 | .06 | .1 | .02 | 19.1 | <.1 | <.05 | 19 | <.5 | 7.93 |
| 104460 | .2 | 83.4 | .5 | 71 | <.1 | 43.1 | 47.4 | 1157 | 7.18 | 1.3 | .3 | 1.1 | 1.0 | 15 | <.1 | .2 | .5 | 373 | .25 | .057 | 11 | 5.8 | 6.09 | 573 | .012 | 4 | 4.52 | .003 | .06 | .1 | .02 | 18.7 | <.1 | <.05 | 19 | <.5 | 4.36 |
| 104461 | .2 | 125.4 | .6 | 58 | <.1 | 30.3 | 38.8 | 1598 | 6.18 | 1.1 | .3 | .7 | .9 | 17 | <.1 | .1 | .9 | 313 | 1.09 | .058 | 11 | 1.2 | 5.25 | 704 | .011 | 3 | 3.83 | .005 | .05 | .2 | .01 | 17.5 | <.1 | <.05 | 16 | <.5 | 7.52 |
| 104462 | .3 | 26.3 | .9 | 41 | <.1 | 25.6 | 27.2 | 1093 | 5.00 | 1.2 | .7 | 3.4 | 6.4 | 15 | <.1 | .4 | .2 | 135 | .43 | .052 | 25 | 43.9 | 3.72 | 766 | .017 | 2 | 2.83 | .004 | .09 | .3 | <.01 | 10.1 | <.1 | <.05 | 14 | <.5 | 9.82 |
| 104463 | .2 | 102.9 | .9 | 67 | <.1 | 40.7 | 42.8 | 1537 | 6.92 | 1.3 | .5 | 7.0 | 1.0 | 17 | <.1 | .3 | .3 | 365 | .86 | .062 | 9 | 14.9 | 5.84 | 618 | .015 | 4 | 4.25 | .004 | .05 | .1 | .02 | 24.7 | <.1 | <.05 | 19 | <.5 | 8.00 |
| 104464 | .4 | 239.5 | 1.2 | 60 | <.1 | 31.2 | 45.5 | 1876 | 6.22 | 1.4 | .4 | 1.9 | 1.1 | 28 | <.1 | .3 | .4 | 264 | 1.35 | .089 | 10 | 1.4 | 5.06 | 1756 | .016 | 2 | 3.55 | .010 | .07 | .2 | .02 | 19.5 | <.1 | <.05 | 16 | <.5 | 6.70 |
| 104465 (rock) | .4 | 2.4 | 1.1 | 14 | <.1 | 4.4 | 1.5 | 116 | .24 | .9 | .4 | <.5 | .1 | 106 | .2 | .3 | <.1 | 13 | 20.41 | .004 | 1 | 2.0 | 9.18 | 47 | .001 | 1 | .12 | .008 | .01 | .2 | .01 | .7 | <.1 | .07 | 1 | <.5 | 2.27 |
| 104571 | .6 | 2.3 | 2.2 | 11 | <.1 | 20.8 | 8.8 | 569 | 3.95 | 1.4 | 1.4 | 1.9 | 8.2 | 9 | <.1 | .6 | .3 | 23 | 1.00 | .048 | 37 | 23.5 | 1.54 | 261 | .029 | 2 | 1.17 | .004 | .30 | .7 | <.01 | 2.4 | <.1 | <.05 | 4 | <.5 | 10.87 |
| 104572 | .5 | 1.1 | 2.3 | 12 | <.1 | 23.0 | 9.2 | 563 | 4.08 | 1.9 | 1.6 | 1.8 | 8.8 | 11 | <.1 | .9 | .4 | 25 | 1.02 | .056 | 30 | 23.1 | 1.51 | 383 | .035 | 1 | 1.13 | .004 | .34 | .6 | .01 | 2.7 | <.1 | .07 | 4 | <.5 | 8.92 |
| 104573 | .3 | 1.4 | 1.0 | 48 | <.1 | 53.7 | 31.4 | 1187 | 5.48 | 1.1 | .8 | 2.5 | 4.9 | 16 | <.1 | .3 | .3 | 155 | 1.26 | .048 | 36 | 83.8 | 4.40 | 437 | .015 | 3 | 3.15 | .004 | .22 | .2 | .01 | 14.4 | <.1 | <.05 | 12 | <.5 | 8.62 |
| 104574 | .4 | .9 | 1.2 | 10 | <.1 | 4.0 | .8 | 96 | .14 | 1.3 | .3 | .6 | .1 | 159 | .2 | .2 | <.1 | 4 | 24.49 | .003 | 1 | 2.6 | 8.80 | 75 | .001 | 1 | .06 | .007 | .02 | .1 | <.01 | .4 | <.1 | .10 | <1 | <.5 | 9.72 |
| 104575 (rock) | .5 | 19.7 | 1.2 | 20 | <.1 | 29.0 | 16.9 | 949 | 4.50 | 1.3 | 1.4 | 3.2 | 8.2 | 14 | <.1 | .4 | .4 | 35 | 1.50 | .057 | 30 | 30.9 | 2.71 | 446 | .021 | 2 | 2.00 | .004 | .30 | .3 | <.01 | 4.4 | <.1 | .10 | 6 | <.5 | 1.38 |
| 104576 | .5 | 57.9 | .7 | 10 | <.1 | 17.2 | 10.4 | 815 | 3.18 | 1.2 | 1.9 | 7.6 | 7.9 | 31 | <.1 | .3 | .2 | 29 | 1.60 | .054 | 26 | 23.6 | 1.88 | 1438 | .027 | 1 | 1.14 | .004 | .24 | .5 | .01 | 2.8 | <.1 | .11 | 4 | <.5 | 8.94 |
| 104577 | .4 | 4.9 | .7 | 14 | <.1 | 19.9 | 15.4 | 745 | 3.18 | 1.0 | 1.7 | 3.3 | 8.7 | 29 | <.1 | .2 | .2 | 39 | 1.25 | .055 | 29 | 29.5 | 2.29 | 1530 | .020 | 2 | 1.62 | .006 | .30 | .7 | <.01 | 3.8 | <.1 | .13 | 7 | <.5 | 8.20 |
| 104578 | .5 | 28.5 | .6 | 27 | <.1 | 40.0 | 30.0 | 1382 | 5.41 | 1.5 | .9 | 2.6 | 4.6 | 22 | <.1 | .1 | .1 | 140 | 1.42 | .059 | 18 | 35.7 | 3.43 | 1371 | .016 | 1 | 2.62 | .006 | .13 | .3 | .01 | 9.6 | <.1 | .10 | 12 | <.5 | 7.93 |
| 104579 | .3 | 10.7 | .4 | 50 | <.1 | 48.7 | 41.4 | 2362 | 5.27 | .8 | .3 | 1.1 | 1.1 | 31 | <.1 | .1 | .4 | 192 | 1.54 | .034 | 7 | 50.0 | 4.45 | 2282 | .007 | 1 | 3.20 | .006 | .06 | .1 | .01 | 17.1 | <.1 | .07 | 14 | <.5 | 8.94 |
| 104580 (pulp) | 22.3 | >10000 | 8.5 | 87 | 1.9 | 721.7 | 23.2 | 1051 | 9.92 | 8.3 | .1 | 842.3 | .9 | 52 | .2 | 3.5 | .7 | 48 | 1.51 | .055 | 3 | 911.7 | .74 | 22 | .002 | 5 | .78 | .030 | .44 | 1.7 | 1.01 | 4.2 | .1 | 3.40 | 3 | 16.7 | - |
| 104581 | .3 | 125.8 | .6 | 48 | <.1 | 51.1 | 50.0 | 1570 | 5.85 | 1.0 | .2 | 2.0 | 1.3 | 32 | <.1 | .1 | .4 | 176 | .71 | .038 | 7 | 42.4 | 4.44 | 2052 | .009 | 2 | 3.52 | .004 | .05 | .1 | <.01 | 16.7 | <.1 | <.05 | 14 | <.5 | 9.47 |
| 104582 | .1 | 1.0 | .5 | 58 | <.1 | 51.0 | 40.8 | 1070 | 6.24 | .8 | .5 | 1.8 | 3.0 | 17 | <.1 | .2 | .3 | 149 | .38 | .044 | 10 | 39.9 | 4.85 | 1475 | .009 | 3 | 3.91 | .003 | .12 | .1 | <.01 | 14.6 | <.1 | <.05 | 13 | <.5 | 7.71 |
| 104583 | .2 | 1.3 | .7 | 17 | <.1 | 21.1 | 11.4 | 1108 | 3.26 | .9 | 1.4 | 1.6 | 11.1 | 8 | <.1 | .2 | .1 | 32 | 2.54 | .057 | 29 | 32.1 | 3.01 | 128 | .016 | 1 | 1.62 | .004 | .26 | .2 | .01 | 5.2 | <.1 | <.05 | 6 | <.5 | 7.79 |
| 104584 | .2 | 3.0 | .7 | 18 | <.1 | 23.1 | 11.3 | 940 | 3.19 | 1.0 | 1.1 | 1.7 | 9.2 | 15 | <.1 | .2 | .1 | 33 | 2.58 | .052 | 14 | 32.5 | 2.99 | 490 | .016 | 1 | 1.56 | .004 | .24 | .3 | .01 | 3.6 | <.1 | <.05 | 6 | <.5 | 8.71 |
| 104585 | 1.7 | 94.2 | .7 | 20 | <.1 | 20.8 | 28.3 | 1088 | 3.53 | 3.9 | .8 | 12.4 | 6.8 | 19 | <.1 | .2 | .3 | 49 | 1.42 | .063 | 16 | 23.1 | 2.43 | 1018 | .016 | 1 | 1.65 | .005 | .22 | .5 | .01 | 4.3 | <.1 | .11 | 7 | .5 | 7.56 |
| 104586 | .6 | .5 | .6 | 42 | <.1 | 49.5 | 43.5 | 1268 | 4.63 | 1.0 | .2 | 3.2 | 1.6 | 4 | <.1 | .1 | .4 | 146 | 1.13 | .038 | 18 | 45.3 | 3.80 | 57 | .009 | 1 | 2.74 | .007 | .17 | .2 | .01 | 12.5 | <.1 | <.05 | 12 | <.5 | 9.46 |
| STANDARD DS6 | 12.0 | 125.3 | 30.4 | 141 | .2 | 24.8 | 10.5 | 720 | 2.87 | 20.7 | 6.7 | 49.0 | 3.2 | 37 | 6.3 | 3.7 | 5.1 | 56 | .88 | .071 | 14 | 191.0 | .59 | 163 | .076 | 17 | 1.96 | .074 | .15 | 3.5 | .24 | 3.4 | 1.8 | <.05 | 6 | 4.3 | - |

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA ____ DATE RECEIVED: JUL 20 2005 DATE REPORT MAILED: Aug. 8/05....

BRITISH COLUMBIA CERTIFIED ASSAYER
C. L.
Clarence Leong

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

ACME ANALYTICAL

# Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503687 Page 2

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104587 | 1.1 | 1.6 | .7 | 35 | .1 | 47.7 | 39.5 | 1718 | 4.16 | .7 | .1 | 4.8 | 1.3 | 5 | <.1 | .1 | 1.2 | 145 | 2.28 | .034 | 18 | 54.2 | 4.31 | 83 | .005 | 1 | 2.88 | .007 | .13 | .1 | <.01 | 14.0 | <.1 | <.05 | 11 | .7 | 7.30 |
| 104588 | .5 | 13.2 | .7 | 40 | <.1 | 42.4 | 32.8 | 1299 | 4.57 | .9 | .5 | .9 | 4.7 | 7 | <.1 | .1 | .4 | 107 | 1.47 | .041 | 30 | 52.5 | 3.75 | 441 | .008 | 1 | 2.80 | .006 | .18 | .2 | <.01 | 11.1 | <.1 | <.05 | 9 | <.5 | 7.88 |
| 104589 | .1 | 1.0 | .6 | 79 | <.1 | 54.1 | 39.6 | 753 | 7.20 | .8 | 1.4 | 1.2 | .7 | 9 | <.1 | .2 | .1 | 151 | .11 | .027 | 5 | 92.0 | 5.39 | 701 | .007 | 4 | 4.53 | .002 | .06 | .1 | <.01 | 17.5 | <.1 | <.05 | 12 | <.5 | 7.68 |
| 104590 | .1 | 1.4 | .7 | 95 | <.1 | 68.3 | 47.7 | 961 | 8.94 | .8 | 1.7 | .5 | .7 | 10 | <.1 | .2 | .1 | 179 | .10 | .030 | 6 | 118.6 | 6.45 | 609 | .009 | 5 | 5.52 | .002 | .06 | .1 | <.01 | 20.1 | <.1 | <.05 | 14 | <.5 | 4.17 |
| 104591 | .2 | 3.3 | .8 | 81 | <.1 | 66.0 | 40.1 | 1032 | 7.07 | .7 | .8 | 1.2 | .6 | 27 | <.1 | .3 | .2 | 162 | .15 | .029 | 4 | 109.9 | 5.22 | 1759 | .008 | 2 | 4.43 | .003 | .06 | .1 | <.01 | 15.8 | <.1 | <.05 | 12 | <.5 | 7.79 |
| 104592 | .3 | 2.1 | .7 | 51 | <.1 | 36.2 | 28.9 | 834 | 4.91 | 1.4 | 1.0 | 1.7 | 8.8 | 24 | <.1 | .3 | .3 | 62 | .36 | .077 | 25 | 42.6 | 3.46 | 1867 | .015 | 2 | 2.81 | .004 | .21 | .4 | <.01 | 5.1 | <.1 | <.05 | 10 | <.5 | 9.22 |
| 104593 | .3 | 9.3 | .9 | 35 | <.1 | 27.6 | 20.4 | 1089 | 4.20 | 1.2 | 1.1 | 2.5 | 7.8 | 25 | <.1 | .4 | .3 | 48 | .91 | .055 | 30 | 35.7 | 2.99 | 2129 | .015 | 1 | 2.18 | .004 | .15 | .4 | .01 | 5.1 | <.1 | <.05 | 9 | <.5 | 8.24 |
| 104594 | .6 | 1.1 | 1.1 | 32 | <.1 | 29.7 | 25.8 | 837 | 4.76 | 1.3 | 1.4 | 22.5 | 8.5 | 6 | <.1 | .3 | .3 | 54 | .92 | .062 | 38 | 35.7 | 3.20 | 89 | .025 | 2 | 2.34 | .005 | .21 | .5 | <.01 | 4.8 | <.1 | <.05 | 9 | <.5 | 8.43 |
| 104595 (rock) | .1 | .7 | 1.1 | 6 | <.1 | 2.5 | 1.1 | 107 | .13 | .7 | .3 | <.5 | .1 | 183 | .1 | .1 | <.1 | 1 | 29.05 | .003 | 2 | 1.5 | 8.93 | 160 | <.001 | <1 | .05 | .010 | .01 | <.1 | <.01 | .5 | <.1 | .06 | <1 | <.5 | 1.70 |
| 104596 | .2 | 42.3 | .9 | 66 | <.1 | 49.2 | 39.9 | 1728 | 6.42 | 1.2 | .4 | 4.5 | 1.5 | 24 | <.1 | .3 | .2 | 187 | 1.02 | .032 | 5 | 139.3 | 4.98 | 1177 | .009 | 3 | 3.96 | .004 | .18 | .1 | <.01 | 20.3 | <.1 | <.05 | 12 | <.5 | 9.11 |
| RE 104596 | .2 | 43.2 | 1.0 | 66 | <.1 | 49.0 | 39.9 | 1773 | 6.59 | 1.1 | .5 | 3.8 | 1.5 | 24 | <.1 | .3 | .2 | 183 | 1.03 | .032 | 5 | 135.5 | 5.08 | 1146 | .009 | 3 | 4.06 | .004 | .17 | .1 | .01 | 20.1 | <.1 | <.05 | 12 | <.5 | - |
| RRE 104596 | .2 | 38.6 | 1.0 | 69 | <.1 | 49.4 | 40.5 | 1800 | 6.52 | 1.1 | .5 | 3.2 | 1.4 | 27 | <.1 | .3 | .2 | 190 | 1.16 | .034 | 4 | 141.3 | 5.10 | 1249 | .009 | 3 | 4.03 | .004 | .16 | .1 | .01 | 21.0 | <.1 | <.05 | 12 | <.5 | - |
| 104597 | .3 | 128.9 | 1.0 | 57 | <.1 | 57.0 | 38.8 | 2671 | 6.84 | .8 | .2 | 1.8 | .3 | 32 | <.1 | .2 | .2 | 208 | 1.91 | .026 | 2 | 167.8 | 5.05 | 1554 | .008 | 2 | 3.92 | .004 | .17 | <.1 | .01 | 27.3 | <.1 | <.05 | 12 | <.5 | 9.88 |
| 104598 | .3 | 143.2 | .7 | 67 | <.1 | 53.3 | 52.6 | 2130 | 7.36 | .6 | .2 | .8 | .3 | 38 | <.1 | .2 | .2 | 237 | 1.10 | .025 | 2 | 146.9 | 5.69 | 1625 | .007 | 3 | 4.51 | .003 | .10 | .1 | .01 | 24.5 | <.1 | <.05 | 14 | <.5 | 7.57 |
| 104599 | .3 | 59.0 | 1.0 | 61 | <.1 | 60.2 | 45.0 | 2359 | 7.09 | 1.2 | .1 | 2.9 | .4 | 21 | <.1 | .4 | .2 | 209 | 1.35 | .032 | 4 | 150.1 | 4.68 | 673 | .011 | 3 | 3.77 | .005 | .27 | <.1 | <.01 | 22.5 | <.1 | <.05 | 12 | <.5 | 7.51 |
| STANDARD DS6 | 12.0 | 124.0 | 30.0 | 147 | .3 | 25.4 | 10.5 | 727 | 2.90 | 20.9 | 6.8 | 48.5 | 3.3 | 38 | 6.2 | 3.8 | 4.9 | 55 | .87 | .077 | 15 | 187.6 | .58 | 170 | .082 | 17 | 1.93 | .075 | .16 | 3.5 | .24 | 3.5 | 1.8 | <.05 | 6 | 4.4 | - |

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Copper Ridge Exploration Inc.** PROJECT Yukon Olympic File # A503688
500 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: J. Pautler

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au** ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 135898 | 4 | 2038 | 10 | 43 | <.3 | 35 | 32 | 820 | 6.51 | <2 | <8 | <2 | 7 | 15 | 1.1 | <3 | <3 | 66 | .16 | .058 | 31 | 56 | 3.18 | 937 | .03 | 7 | 2.85 | .01 | .11 | <2 | 22 |
| 135899 | 4 | 6414 | 4 | 117 | 4.3 | 74 | 67 | 959 | 8.86 | <2 | <8 | <2 | <2 | 6 | 2.4 | <3 | 14 | 182 | .07 | .020 | 3 | 71 | 5.32 | 765 | .01 | 6 | 4.12 | <.01 | .09 | <2 | 55 |
| 135900 | 1 | 103 | 8 | 6 | <.3 | 7 | 3 | 51 | 1.84 | 11 | <8 | <2 | 4 | 5 | <.5 | <3 | <3 | 8 | .43 | .173 | 2 | 10 | .10 | 122 | <.01 | <3 | .26 | .01 | .17 | <2 | 2 |
| YO-JP-1R | 3 | 318 | 6 | 32 | <.3 | 30 | 75 | 3018 | 9.65 | 2 | <8 | <2 | <2 | 9 | 8.4 | <3 | <3 | 240 | 1.45 | .056 | 12 | 29 | 2.48 | 776 | .07 | 4 | 2.26 | .01 | .11 | <2 | 6 |
| YO-JP-2R | <1 | 373 | 7 | 38 | <.3 | 18 | 13 | 1695 | 3.35 | 2 | <8 | <2 | 6 | 9 | 2.6 | <3 | <3 | 41 | 1.13 | .057 | 18 | 28 | 2.34 | 132 | .02 | <3 | 1.63 | .01 | .19 | <2 | 10 |
| YO-JP-3R | 3 | 2153 | 8 | 40 | 2.0 | 33 | 25 | 788 | 5.61 | 2 | <8 | <2 | 7 | 5 | <.5 | 4 | 3 | 79 | .21 | .073 | 35 | 43 | 3.15 | 418 | .03 | 6 | 2.60 | .01 | .24 | <2 | 12 |
| YO-JP-4R | 1 | 2598 | <3 | 79 | <.3 | 26 | 30 | 4480 | 5.77 | 2 | <8 | <2 | <2 | 108 | 11.6 | <3 | <3 | 196 | 3.83 | .031 | 2 | 20 | 3.72 | 799 | .01 | 10 | 2.21 | .02 | .07 | <2 | 4 |
| YO-JP-5R | 2 | 306 | 3 | 10 | <.3 | 21 | 95 | 1314 | 4.81 | 13 | <8 | <2 | 6 | 27 | 1.3 | 3 | <3 | 42 | 1.28 | .056 | 35 | 40 | 1.71 | 1043 | .05 | 7 | 1.10 | .01 | .18 | <2 | 5 |
| YO-JP-6R | 4 | 3663 | <3 | 78 | <.3 | 86 | 77 | 2362 | 9.07 | <2 | <8 | <2 | <2 | 18 | 6.7 | <3 | <3 | 177 | .80 | .033 | 8 | 112 | 5.13 | 1139 | .01 | 11 | 4.77 | <.01 | .09 | <2 | 12 |
| YO-JP-13R | 3 | 875 | <3 | 34 | <.3 | 42 | 24 | 1060 | 9.53 | 4 | <8 | <2 | <2 | 39 | 2.9 | <3 | 6 | 95 | .28 | .010 | 1 | 33 | 2.25 | 2146 | .01 | 7 | 2.00 | <.01 | .04 | 5 | 18 |
| RE YO-JP-13R | 3 | 847 | 4 | 34 | .3 | 41 | 23 | 1027 | 9.39 | 3 | <8 | <2 | <2 | 39 | 2.4 | <3 | 3 | 94 | .27 | .010 | 1 | 33 | 2.20 | 2133 | .01 | 10 | 1.94 | .01 | .04 | 2 | 23 |
| YO-JP-14R | 6 | 1072 | 10 | 1 | <.3 | 7 | 5 | 63 | 5.93 | <2 | <8 | <2 | <2 | 13 | <.5 | <3 | 4 | 19 | .08 | .029 | 33 | 16 | .13 | 824 | .06 | <3 | .31 | <.01 | .25 | <2 | 18 |
| YO-JP-15R | 1 | 422 | <3 | 64 | <.3 | 93 | 32 | 1190 | 8.09 | <2 | <8 | <2 | 2 | 5 | 2.3 | <3 | <3 | 123 | .52 | .019 | 3 | 202 | 4.46 | 238 | .01 | 13 | 4.12 | <.01 | .10 | <2 | 2 |
| STANDARD DS6/AU-R | 13 | 122 | 35 | 151 | .3 | 25 | 10 | 728 | 2.94 | 26 | 8 | <2 | 4 | 39 | 5.8 | 6 | 6 | 57 | .87 | .079 | 14 | 194 | .60 | 156 | .08 | 16 | 1.94 | .08 | .16 | 4 | 481 |

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: JUL 20 2005 DATE REPORT MAILED: July 28/05

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT Yukon Olympic File # A503688
500 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: J. Pautler

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au** ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 135898 | 4 | 2038 | 10 | 43 | <.3 | 35 | 32 | 820 | 6.51 | <2 | <8 | <2 | 7 | 15 | 1.1 | <3 | <3 | 66 | .16 | .058 | 31 | 56 | 3.18 | 937 | .03 | 7 | 2.85 | .01 | .11 | <2 | 22 |
| 135899 | 4 | 6414 | 4 | 117 | 4.3 | 74 | 67 | 959 | 8.86 | <2 | <8 | <2 | <2 | 6 | 2.4 | <3 | 14 | 182 | .07 | .020 | 3 | 71 | 5.32 | 765 | .01 | 6 | 4.12 | <.01 | .09 | <2 | 55 |
| 135900 | 1 | 103 | 8 | 6 | <.3 | 7 | 3 | 51 | 1.84 | 11 | <8 | <2 | 4 | 5 | <.5 | <3 | <3 | 8 | .43 | .173 | 2 | 10 | .10 | 122 | <.01 | <3 | .26 | .01 | .17 | <2 | 2 |
| YO-JP-1R | 3 | 318 | 6 | 32 | <.3 | 30 | 75 | 3018 | 9.65 | 2 | <8 | <2 | <2 | 9 | 8.4 | <3 | <3 | 240 | 1.45 | .056 | 12 | 29 | 2.48 | 776 | .07 | 4 | 2.26 | .01 | .11 | <2 | 6 |
| YO-JP-2R | <1 | 373 | 7 | 38 | <.3 | 18 | 13 | 1695 | 3.35 | 2 | <8 | <2 | 6 | 9 | 2.6 | <3 | <3 | 41 | 1.13 | .057 | 18 | 28 | 2.34 | 132 | .02 | <3 | 1.63 | .01 | .19 | <2 | 10 |
| YO-JP-3R | 3 | 2153 | 8 | 40 | 2.0 | 33 | 25 | 788 | 5.61 | 2 | <8 | <2 | 7 | 5 | <.5 | 4 | 3 | 79 | .21 | .073 | 35 | 43 | 3.15 | 418 | .03 | 6 | 2.60 | .01 | .24 | <2 | 12 |
| YO-JP-4R | 1 | 2598 | <3 | 79 | <.3 | 26 | 30 | 4480 | 5.77 | 2 | <8 | <2 | <2 | 108 | 11.6 | <3 | <3 | 196 | 3.83 | .031 | 2 | 20 | 3.72 | 799 | .01 | 10 | 2.21 | .02 | .07 | <2 | 4 |
| YO-JP-5R | 2 | 306 | 3 | 10 | <.3 | 21 | 95 | 1314 | 4.81 | 13 | <8 | <2 | 6 | 27 | 1.3 | 3 | <3 | 42 | 1.28 | .056 | 35 | 40 | 1.71 | 1043 | .05 | 7 | 1.10 | .01 | .18 | <2 | 5 |
| YO-JP-6R | 4 | 3663 | <3 | 78 | <.3 | 86 | 77 | 2362 | 9.07 | <2 | <8 | <2 | <2 | 18 | 6.7 | <3 | <3 | 177 | .80 | .033 | 8 | 112 | 5.13 | 1139 | .01 | 11 | 4.77 | <.01 | .09 | <2 | 12 |
| YO-JP-13R | 3 | 875 | <3 | 34 | <.3 | 42 | 24 | 1060 | 9.53 | 4 | <8 | <2 | <2 | 39 | 2.9 | <3 | 6 | 95 | .28 | .010 | 1 | 33 | 2.25 | 2146 | .01 | 7 | 2.00 | <.01 | .04 | 5 | 18 |
| RE YO-JP-13R | 3 | 847 | 4 | 34 | .3 | 41 | 23 | 1027 | 9.39 | 3 | <8 | <2 | <2 | 39 | 2.4 | <3 | 3 | 94 | .27 | .010 | 1 | 33 | 2.20 | 2133 | .01 | 10 | 1.94 | .01 | .04 | 2 | 23 |
| YO-JP-14R | 6 | 1072 | 10 | 1 | <.3 | 7 | 5 | 63 | 5.93 | <2 | <8 | <2 | <2 | 13 | <.5 | <3 | 4 | 19 | .08 | .029 | 33 | 16 | .13 | 824 | .06 | <3 | .31 | <.01 | .25 | <2 | 18 |
| YO-JP-15R | 1 | 422 | <3 | 64 | <.3 | 93 | 32 | 1190 | 8.09 | <2 | <8 | <2 | 2 | 5 | 2.3 | <3 | <3 | 123 | .52 | .019 | 3 | 202 | 4.46 | 238 | .01 | 13 | 4.12 | <.01 | .10 | <2 | 2 |
| STANDARD DS6/AU-R | 13 | 122 | 35 | 151 | .3 | 25 | 10 | 728 | 2.94 | 26 | 8 | <2 | 4 | 39 | 5.8 | 6 | 6 | 57 | .87 | .079 | 14 | 194 | .60 | 156 | .08 | 16 | 1.94 | .08 | .16 | 4 | 481 |

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: JUL 20 2005 DATE REPORT MAILED: July 28/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

70

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT Yukon Olympic File # A503983 Page 1
500 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: Peter Cooper

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104466 | .2 | 166.6 | 2.1 | 76 | .1 | 41.7 | 23.1 | 1332 | 4.85 | 1.7 | .7 | 2.9 | 7.2 | 17 | <.1 | .4 | .5 | 77 | .55 | .054 | 22 | 54.3 | 3.97 | 523 | .024 | 2 | 2.97 | .012 | .11 | .1 | .01 | 8.9 | <.1 | <.05 | 11 | <.5 | 9.75 |
| 104467 | .2 | 42.1 | 1.2 | 80 | <.1 | 74.5 | 29.8 | 1900 | 7.42 | 2.1 | .3 | 1.2 | 1.7 | 4 | <.1 | .2 | .7 | 127 | .38 | .043 | 12 | 147.1 | 5.04 | 73 | .007 | 3 | 4.36 | .003 | .11 | .1 | .01 | 15.9 | <.1 | <.05 | 11 | <.5 | 8.43 |
| 104468 | .2 | 81.6 | .9 | 78 | <.1 | 94.8 | 41.0 | 1840 | 6.17 | 1.6 | .2 | .8 | 1.1 | 16 | <.1 | .3 | .5 | 152 | .77 | .025 | 11 | 193.7 | 5.50 | 710 | .006 | 4 | 4.20 | .003 | .21 | <.1 | .01 | 20.8 | <.1 | <.05 | 11 | <.5 | 5.28 |
| 104469 | .2 | 86.2 | 1.0 | 86 | <.1 | 54.7 | 44.6 | 1960 | 6.93 | 1.9 | .4 | 1.6 | 1.4 | 7 | <.1 | .3 | .2 | 179 | .56 | .060 | 11 | 67.8 | 5.19 | 319 | .011 | 2 | 4.23 | .004 | .10 | .1 | .04 | 17.3 | <.1 | <.05 | 16 | <.5 | 7.93 |
| 104470(pulp) | 25.9 | >10000 | 9.0 | 90 | 2.8 | 943.2 | 26.8 | 1151 | 10.23 | 8.7 | .1 | 982.6 | .9 | 61 | .2 | 3.7 | .7 | 51 | 1.64 | .059 | 3 | 1078.7 | .81 | 26 | .003 | 6 | .88 | .032 | .44 | 2.2 | .96 | 4.5 | .1 | 3.37 | 3 | 17.2 | - |
| 104471 | 1.1 | 259.7 | 2.2 | 37 | <.1 | 18.6 | 40.3 | 2637 | 4.83 | 3.3 | .8 | 3.0 | 4.9 | 17 | <.1 | .7 | .4 | 104 | 2.40 | .120 | 14 | 6.0 | 2.69 | 475 | .023 | 1 | 1.81 | .011 | .17 | <.1 | .03 | 8.8 | <.1 | <.05 | 9 | <.5 | 4.65 |
| 104472 | 1.3 | 919.9 | 1.5 | 38 | .3 | 14.2 | 57.5 | 2512 | 3.86 | 3.8 | .7 | 15.4 | 5.3 | 24 | <.1 | .8 | .6 | 86 | 2.14 | .087 | 13 | 15.2 | 2.48 | 688 | .012 | 2 | 1.58 | .007 | .15 | .6 | .03 | 7.5 | <.1 | .17 | 8 | .9 | 4.51 |
| 104473 | 1.5 | 2026.8 | 1.3 | 57 | .1 | 5.9 | 74.9 | 2168 | 4.25 | 8.0 | .8 | 24.4 | 6.7 | 10 | <.1 | .3 | .7 | 116 | 1.67 | .185 | 13 | 1.7 | 2.81 | 277 | .010 | 1 | 2.17 | .012 | .14 | <.1 | .02 | 7.3 | <.1 | .24 | 14 | 1.1 | 5.32 |
| 104474 | .7 | 667.4 | 1.4 | 50 | .1 | 4.3 | 58.1 | 1496 | 4.75 | 6.7 | .5 | 3.2 | 8.6 | 9 | <.1 | .2 | .4 | 103 | .89 | .231 | 18 | 2.9 | 2.61 | 275 | .012 | 32 | 2.39 | .018 | .12 | .5 | .01 | 7.4 | <.1 | .19 | 16 | .8 | 6.16 |
| 104475 | .5 | 234.3 | 1.3 | 56 | <.1 | 5.4 | 49.7 | 1756 | 4.94 | 4.2 | .4 | 1.9 | 8.4 | 30 | <.1 | .2 | .4 | 108 | .86 | .206 | 16 | 1.6 | 2.99 | 909 | .013 | 1 | 2.69 | .014 | .08 | <.1 | .02 | 8.7 | <.1 | .09 | 16 | .5 | 9.92 |
| 104476 | .4 | 5.2 | 1.7 | 34 | <.1 | 31.2 | 23.5 | 1676 | 5.52 | 2.1 | 1.1 | 2.8 | 9.0 | 14 | <.1 | .4 | .3 | 49 | 1.79 | .069 | 26 | 35.2 | 3.30 | 427 | .023 | 5 | 2.62 | .005 | .23 | .7 | .01 | 5.5 | <.1 | <.05 | 8 | <.5 | 9.26 |
| 104477 | .7 | 10.6 | 8.6 | 14 | <.1 | 20.2 | 14.7 | 786 | 4.94 | 6.2 | 2.7 | 4.4 | 9.5 | 28 | <.1 | 2.6 | .7 | 19 | .81 | .047 | 17 | 20.6 | 1.45 | 1180 | .034 | 4 | 1.35 | .005 | .34 | .4 | .01 | 2.3 | <.1 | <.05 | 3 | <.5 | 11.76 |
| 104478 | .7 | 41.8 | 8.3 | 12 | <.1 | 18.3 | 14.0 | 569 | 5.11 | 7.8 | 2.8 | 1.6 | 9.9 | 22 | <.1 | 2.6 | .9 | 20 | .63 | .049 | 22 | 21.1 | 1.09 | 1019 | .038 | 4 | 1.24 | .005 | .36 | 1.2 | <.01 | 2.4 | <.1 | <.05 | 3 | <.5 | 9.35 |
| 104479 | .6 | 3.6 | 6.9 | 12 | <.1 | 17.2 | 14.0 | 524 | 4.53 | 5.9 | 2.3 | 4.2 | 9.0 | 23 | <.1 | 2.0 | .7 | 19 | .64 | .049 | 15 | 19.2 | 1.10 | 1229 | .034 | 3 | 1.18 | .005 | .31 | .5 | <.01 | 2.0 | <.1 | <.05 | 3 | <.5 | 9.76 |
| RE 104479 | .6 | 4.5 | 7.2 | 12 | <.1 | 17.7 | 14.1 | 532 | 4.51 | 5.7 | 2.2 | 5.0 | 8.8 | 23 | <.1 | 2.0 | .7 | 19 | .65 | .050 | 15 | 18.7 | 1.10 | 1241 | .033 | 4 | 1.19 | .005 | .30 | .4 | <.01 | 1.9 | <.1 | <.05 | 3 | <.5 | - |
| RRE 104479 | .7 | 3.6 | 6.8 | 14 | <.1 | 17.1 | 14.5 | 555 | 4.69 | 5.8 | 2.4 | 3.1 | 8.8 | 24 | <.1 | 1.8 | .7 | 19 | .68 | .049 | 15 | 21.0 | 1.16 | 1258 | .034 | 4 | 1.26 | .005 | .31 | 1.2 | <.01 | 1.9 | <.1 | <.05 | 3 | <.5 | - |
| 104480 | .6 | 5.5 | 6.3 | 13 | <.1 | 19.6 | 15.0 | 533 | 4.48 | 4.8 | 2.2 | 3.9 | 8.7 | 19 | <.1 | 1.7 | .6 | 19 | .62 | .051 | 19 | 19.7 | 1.22 | 1317 | .030 | 3 | 1.26 | .005 | .29 | .4 | .01 | 1.8 | <.1 | <.05 | 3 | <.5 | 4.03 |
| 104481 | .5 | 3.4 | 3.5 | 14 | <.1 | 21.2 | 16.5 | 641 | 4.22 | 3.4 | 1.4 | 2.1 | 8.2 | 21 | <.1 | 1.1 | .4 | 20 | .88 | .052 | 24 | 22.2 | 1.44 | 1037 | .027 | 4 | 1.48 | .004 | .36 | 1.0 | <.01 | 2.5 | <.1 | <.05 | 4 | <.5 | 10.15 |
| 104482 | .6 | 2.9 | 3.8 | 12 | <.1 | 19.0 | 14.8 | 447 | 4.59 | 4.2 | 1.6 | 1.5 | 9.5 | 11 | <.1 | 1.4 | .5 | 23 | .64 | .056 | 28 | 22.4 | 1.22 | 296 | .031 | 6 | 1.42 | .004 | .45 | .3 | <.01 | 3.3 | <.1 | <.05 | 4 | <.5 | 8.06 |
| 104483 | 1.1 | 3.2 | 9.0 | 16 | <.1 | 23.0 | 17.4 | 399 | 6.84 | 10.5 | 3.2 | 1.5 | 10.7 | 6 | <.1 | 2.6 | 1.0 | 24 | .39 | .054 | 39 | 25.1 | 1.36 | 89 | .049 | 5 | 1.56 | .006 | .40 | .9 | <.01 | 2.7 | <.1 | <.05 | 4 | <.5 | 6.01 |
| 104484 | 1.0 | 9.6 | 7.9 | 24 | <.1 | 30.8 | 24.5 | 716 | 7.18 | 9.5 | 2.7 | .7 | 9.6 | 7 | <.1 | 2.1 | 1.0 | 57 | .53 | .064 | 33 | 27.6 | 2.06 | 218 | .045 | 6 | 2.08 | .006 | .32 | .3 | <.01 | 4.3 | <.1 | <.05 | 7 | <.5 | 6.55 |
| 104485(rock) | .7 | .8 | 2.7 | 5 | <.1 | 3.1 | .6 | 82 | .12 | 3.0 | .5 | <.5 | .1 | 154 | <.1 | .2 | <.1 | 2 | 24.34 | .005 | 1 | 2.0 | 11.68 | 21 | .001 | 20 | .04 | .012 | .02 | <.1 | .01 | .3 | <.1 | <.05 | <1 | <.5 | 2.61 |
| 104486 | .2 | 10.8 | 1.0 | 57 | <.1 | 48.9 | 59.3 | 1625 | 8.33 | 2.1 | .4 | .5 | 1.8 | 7 | <.1 | .2 | .3 | 210 | .21 | .072 | 16 | 31.0 | 4.75 | 388 | .016 | 4 | 4.64 | .003 | .09 | <.1 | <.01 | 12.8 | <.1 | <.05 | 18 | <.5 | 12.95 |
| 104487 | .8 | 33.7 | 2.3 | 34 | <.1 | 32.0 | 33.6 | 2123 | 6.65 | 3.3 | 1.2 | .7 | 4.6 | 50 | <.1 | .5 | .5 | 164 | 1.81 | .063 | 18 | 33.3 | 3.55 | 2166 | .037 | 2 | 2.57 | .006 | .08 | .5 | .01 | 12.9 | <.1 | .08 | 13 | <.5 | 9.42 |
| 104488 | .5 | 53.8 | 1.5 | 32 | <.1 | 28.5 | 37.0 | 1440 | 7.04 | 2.7 | .6 | <.5 | 3.1 | 11 | <.1 | .5 | .2 | 161 | .87 | .058 | 18 | 22.9 | 3.19 | 632 | .031 | 1 | 2.91 | .006 | .09 | .1 | .01 | 11.3 | <.1 | <.05 | 11 | <.5 | 11.72 |
| 104489 | .3 | 24.9 | 1.9 | 45 | <.1 | 41.3 | 55.9 | 1693 | 7.46 | 3.2 | .8 | 1.2 | 3.4 | 7 | <.1 | .4 | .3 | 165 | .59 | .064 | 25 | 29.2 | 4.15 | 301 | .030 | 3 | 3.62 | .006 | .10 | .2 | <.01 | 13.4 | <.1 | <.05 | 16 | <.5 | 8.88 |
| 104490(pulp) | 19.1 | 5872.6 | 14.7 | 92 | 1.5 | 386.0 | 18.7 | 833 | 7.41 | 11.0 | .2 | 457.6 | 1.2 | 118 | .4 | 4.5 | .5 | 42 | 1.96 | .084 | 4 | 467.0 | .82 | 21 | .002 | 23 | .92 | .050 | .39 | .8 | .97 | 4.6 | .1 | 3.62 | 3 | 14.9 | - |
| 104491 | .3 | 101.6 | 1.3 | 29 | <.1 | 28.5 | 35.5 | 753 | 7.64 | 2.0 | .8 | 3.9 | 1.7 | 22 | <.1 | .4 | .4 | 171 | .34 | .067 | 11 | 19.8 | 2.44 | 1211 | .064 | 3 | 2.22 | .006 | .10 | .1 | .01 | 9.5 | <.1 | <.05 | 12 | <.5 | 13.91 |
| 104492 | .1 | 95.2 | 1.2 | 44 | <.1 | 36.2 | 47.9 | 832 | 6.52 | 1.7 | .4 | 4.6 | 1.5 | 12 | <.1 | .3 | .2 | 224 | .32 | .072 | 10 | 21.3 | 3.88 | 843 | .028 | 2 | 3.28 | .006 | .06 | .1 | <.01 | 14.1 | <.1 | <.05 | 17 | <.5 | 10.35 |
| 104493 | .2 | 52.1 | 2.4 | 56 | <.1 | 40.0 | 50.8 | 1427 | 7.13 | 2.1 | .4 | .7 | 2.3 | 8 | <.1 | .6 | .4 | 269 | .97 | .079 | 14 | 25.2 | 4.59 | 209 | .038 | 3 | 3.25 | .009 | .06 | <.1 | .01 | 22.9 | <.1 | <.05 | 19 | .5 | 11.69 |
| 104494 | .2 | 36.1 | 2.0 | 80 | <.1 | 39.1 | 59.3 | 1095 | 7.46 | 1.7 | .4 | 1.9 | 2.1 | 6 | <.1 | .5 | .4 | 269 | .30 | .076 | 13 | 23.1 | 5.83 | 154 | .024 | 6 | 4.26 | .005 | .05 | <.1 | <.01 | 19.7 | <.1 | <.05 | 19 | <.5 | 10.46 |
| 104495 | .1 | 21.9 | 2.9 | 64 | <.1 | 39.1 | 54.5 | 1505 | 7.03 | 1.9 | .7 | 2.4 | 2.2 | 7 | <.1 | .5 | .3 | 287 | .95 | .075 | 13 | 24.6 | 4.93 | 154 | .031 | 15 | 3.54 | .009 | .05 | <.1 | <.01 | 23.0 | <.1 | <.05 | 17 | .5 | 8.75 |
| 104496 | .1 | 45.8 | 1.5 | 53 | <.1 | 37.4 | 56.2 | 1191 | 7.84 | 1.5 | .5 | 1.1 | 1.6 | 6 | <.1 | .3 | .3 | 240 | .32 | .078 | 12 | 23.6 | 4.98 | 241 | .019 | 2 | 4.29 | .003 | .06 | .1 | .01 | 16.5 | <.1 | <.05 | 18 | <.5 | 8.40 |
| 104497 | .7 | 278.5 | 1.7 | 21 | <.1 | 18.3 | 37.4 | 1183 | 4.98 | 2.5 | .8 | 11.8 | 6.1 | 12 | <.1 | .5 | 1.4 | 91 | .98 | .045 | 24 | 33.5 | 1.95 | 569 | .033 | 1 | 1.54 | .007 | .08 | .1 | .01 | 9.8 | <.1 | <.05 | 8 | .6 | 6.90 |
| STANDARD DS6 | 11.4 | 122.5 | 29.6 | 146 | .3 | 24.2 | 10.5 | 707 | 2.84 | 20.8 | 6.7 | 46.1 | 3.1 | 41 | 6.2 | 3.7 | 4.8 | 55 | .86 | .075 | 14 | 184.1 | .58 | 162 | .078 | 18 | 1.93 | .073 | .15 | 3.5 | .23 | 3.4 | 1.7 | <.05 | 6 | 4.4 | - |

GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: JUL 28 2005 DATE REPORT MAILED: Aug 13/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

# Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503983 

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104498 | .2 | 47.0 | 1.3 | 53 | <.1 | 48.1 | 68.8 | 1583 | 8.15 | 2.0 | .4 | <.5 | 1.4 | 6 | <.1 | .4 | 1.6 | 239 | .43 | .080 | 16 | 25.9 | 4.11 | 189 | .029 | 1 | 3.83 | .006 | .05 | <.1 | <.01 | 16.6 | <.1 | <.05 | 19 | <.5 | 10.15 |
| 104499 | .6 | 71.5 | 2.8 | 19 | <.1 | 19.1 | 30.0 | 914 | 4.49 | 3.8 | 1.3 | 4.0 | 6.7 | 23 | <.1 | .9 | .4 | 44 | .75 | .043 | 22 | 33.6 | 1.68 | 1524 | .024 | 1 | 1.37 | .006 | .10 | .9 | .01 | 4.1 | <.1 | <.05 | 7 | <.5 | 13.88 |
| 108200 | .7 | 59.5 | 2.7 | 22 | <.1 | 20.9 | 32.8 | 927 | 4.85 | 4.2 | 1.3 | 2.1 | 7.4 | 23 | <.1 | 1.0 | .4 | 52 | .73 | .048 | 25 | 37.6 | 1.80 | 1548 | .026 | 2 | 1.50 | .006 | .10 | 1.0 | .01 | 4.4 | <.1 | <.05 | 8 | <.5 | 6.93 |
| 108201 | .7 | 8.9 | 5.9 | 11 | <.1 | 17.3 | 13.7 | 471 | 4.76 | 7.5 | 2.3 | <.5 | 9.3 | 20 | <.1 | 2.1 | .6 | 23 | .36 | .050 | 28 | 22.0 | .87 | 1389 | .031 | 3 | .92 | .007 | .23 | .4 | <.01 | 2.0 | <.1 | <.05 | 4 | <.5 | 12.96 |
| 108202 | 1.6 | 9.4 | 8.0 | 15 | <.1 | 22.7 | 16.3 | 806 | 7.02 | 10.5 | 3.7 | 5.6 | 8.8 | 12 | <.1 | 2.8 | .9 | 28 | .96 | .059 | 30 | 29.2 | 1.53 | 562 | .048 | 4 | 1.29 | .004 | .24 | 1.0 | <.01 | 2.6 | <.1 | <.05 | 5 | <.5 | 13.88 |
| 108203 | 2.0 | 32.5 | 6.7 | 23 | <.1 | 22.3 | 39.6 | 1132 | 10.15 | 10.7 | 3.6 | 7.2 | 5.9 | 14 | <.1 | 3.8 | 1.9 | 49 | 1.00 | .050 | 19 | 31.5 | 2.40 | 626 | .060 | 3 | 1.83 | .004 | .09 | .6 | <.01 | 5.7 | <.1 | <.05 | 10 | <.5 | 8.70 |
| 108204 | .3 | 34.8 | 1.1 | 56 | <.1 | 46.5 | 81.8 | 1425 | 7.54 | 2.1 | .4 | 1.9 | 1.4 | 8 | <.1 | .3 | .3 | 217 | .29 | .085 | 12 | 31.1 | 4.28 | 323 | .025 | 1 | 3.86 | .004 | .05 | .1 | <.01 | 16.3 | <.1 | <.05 | 18 | <.5 | 14.27 |
| 108205(rock) | .6 | 1.2 | 2.0 | 10 | <.1 | 3.5 | .9 | 94 | .17 | 3.5 | .4 | <.5 | .2 | 191 | .1 | .2 | <.1 | 3 | 27.30 | .005 | 2 | 3.2 | 10.46 | 31 | .001 | 1 | .04 | .011 | .02 | <.1 | <.01 | .4 | <.1 | <.05 | <1 | .5 | 1.77 |
| 108206 | .3 | 202.9 | 1.4 | 74 | <.1 | 45.7 | 74.4 | 1787 | 7.18 | 1.1 | .4 | 11.4 | 1.1 | 13 | <.1 | .2 | .4 | 243 | .42 | .079 | 8 | 35.5 | 5.65 | 856 | .012 | 2 | 4.45 | .004 | .04 | .1 | <.01 | 19.4 | <.1 | <.05 | 18 | <.5 | 12.10 |
| 108207 | .8 | 129.2 | 2.4 | 28 | <.1 | 36.4 | 48.9 | 756 | 6.12 | 2.7 | 1.3 | 5.3 | 5.8 | 8 | <.1 | .7 | .6 | 70 | .35 | .060 | 26 | 33.3 | 2.27 | 437 | .027 | 2 | 2.27 | .006 | .22 | .3 | <.01 | 4.5 | <.1 | <.05 | 8 | .5 | 9.77 |
| 108208 | .5 | 113.2 | 1.0 | 28 | <.1 | 41.7 | 39.9 | 841 | 5.59 | 1.5 | .8 | .8 | 3.7 | 11 | <.1 | .3 | .3 | 77 | .50 | .053 | 14 | 41.5 | 2.48 | 803 | .020 | 1 | 2.37 | .004 | .14 | .1 | <.01 | 5.0 | <.1 | <.05 | 9 | <.5 | 7.39 |
| 108209 | .2 | 60.5 | .5 | 68 | <.1 | 66.3 | 67.5 | 1265 | 8.42 | 1.0 | .3 | 1.6 | .5 | 10 | <.1 | .1 | .2 | 174 | .14 | .035 | 5 | 163.8 | 5.66 | 694 | .007 | 2 | 4.97 | .004 | .04 | .1 | <.01 | 18.5 | <.1 | <.05 | 15 | <.5 | 7.28 |
| 108210(pulp) | 12.3 | 1546.8 | 5.1 | 55 | .4 | 557.2 | 19.3 | 605 | 4.17 | 5.7 | .3 | 94.2 | 1.4 | 64 | .2 | 1.8 | .2 | 64 | 1.22 | .063 | 6 | 661.0 | .80 | 159 | .101 | 5 | 1.58 | .119 | .25 | 1.2 | .24 | 4.4 | .1 | .90 | 5 | 3.5 | - |
| 108211 | .3 | 19.8 | 1.1 | 24 | <.1 | 29.3 | 24.4 | 1073 | 4.12 | 1.5 | .8 | 2.1 | 7.7 | 37 | <.1 | .4 | .2 | 53 | 1.55 | .062 | 24 | 38.9 | 2.65 | 1528 | .017 | 12 | 1.88 | .007 | .20 | .2 | .01 | 5.4 | <.1 | <.05 | 7 | <.5 | 6.06 |
| 108212 | .4 | 33.4 | 1.3 | 25 | <.1 | 20.4 | 12.8 | 1466 | 3.59 | 2.3 | 1.0 | 1.2 | 7.7 | 23 | <.1 | .4 | .2 | 49 | 1.84 | .086 | 35 | 38.1 | 2.13 | 1203 | .025 | 1 | 1.36 | .005 | .16 | .2 | .01 | 4.2 | <.1 | <.05 | 6 | <.5 | 7.45 |
| 108213 | .2 | 7.1 | 1.5 | 10 | <.1 | 13.2 | 5.8 | 1113 | 3.81 | 1.9 | .9 | .6 | 9.6 | 6 | <.1 | .3 | .2 | 20 | 1.68 | .057 | 27 | 17.2 | 1.56 | 94 | .051 | 1 | .95 | .005 | .31 | .4 | .01 | 1.4 | <.1 | <.05 | 2 | <.5 | 9.66 |
| 108214 | .2 | 12.7 | .9 | 10 | <.1 | 14.4 | 7.6 | 2347 | 2.51 | 1.3 | .7 | 1.2 | 7.0 | 26 | <.1 | .2 | .1 | 13 | 3.87 | .049 | 20 | 11.3 | 3.00 | 1580 | .025 | 1 | .93 | .006 | .28 | .1 | .01 | 1.3 | <.1 | .07 | 2 | <.5 | 12.66 |
| 108215 | .2 | 58.8 | 1.8 | 30 | <.1 | 37.2 | 22.5 | 1197 | 5.02 | 2.3 | .7 | 1.2 | 7.8 | 24 | <.1 | .4 | .2 | 93 | .70 | .059 | 11 | 44.5 | 2.84 | 1116 | .014 | 1 | 2.26 | .008 | .11 | .2 | .07 | 7.8 | <.1 | <.05 | 10 | <.5 | 8.80 |
| 108216 | .2 | 61.8 | 1.0 | 50 | <.1 | 59.9 | 48.9 | 1912 | 5.87 | 1.5 | .6 | 2.5 | .6 | 10 | <.1 | .2 | .7 | 185 | 1.14 | .032 | 8 | 73.5 | 4.79 | 384 | .016 | 1 | 3.36 | .006 | .08 | <.1 | <.01 | 22.0 | <.1 | <.05 | 13 | <.5 | 12.04 |
| 108217 | 2.9 | 111.7 | 1.7 | 66 | <.1 | 52.3 | 55.5 | 1882 | 6.28 | 1.5 | .7 | 4.6 | .5 | 25 | <.1 | .4 | .8 | 182 | 1.01 | .033 | 6 | 87.3 | 6.16 | 1420 | .013 | 4 | 4.06 | .004 | .07 | .1 | .01 | 23.6 | <.1 | <.05 | 13 | .5 | 13.20 |
| 108218 | .2 | 124.3 | 1.1 | 66 | <.1 | 48.2 | 53.1 | 1468 | 6.42 | .9 | .6 | 55.5 | .4 | 33 | <.1 | .2 | .4 | 184 | .41 | .035 | 7 | 80.6 | 5.94 | 1601 | .012 | 4 | 4.36 | .003 | .05 | <.1 | <.01 | 21.5 | <.1 | <.05 | 14 | <.5 | 6.60 |
| 108219 | .2 | 6.4 | 1.1 | 20 | <.1 | 21.7 | 12.2 | 2477 | 3.36 | 1.3 | 1.0 | 4.1 | 10.3 | 11 | <.1 | .3 | .3 | 32 | 3.22 | .059 | 26 | 30.4 | 3.26 | 226 | .017 | 2 | 1.60 | .006 | .32 | .4 | <.01 | 3.1 | <.1 | <.05 | 4 | <.5 | 8.78 |
| 108220 | .2 | 7.1 | 1.0 | 17 | <.1 | 19.5 | 11.2 | 2540 | 3.16 | 1.1 | 1.0 | 2.4 | 9.5 | 11 | <.1 | .3 | .4 | 30 | 3.10 | .057 | 25 | 27.7 | 3.16 | 163 | .016 | 2 | 1.41 | .006 | .26 | .1 | .01 | 2.8 | <.1 | <.05 | 4 | <.5 | 5.30 |
| 108221 | .2 | 4.2 | 2.5 | 29 | <.1 | 30.0 | 18.4 | 1237 | 3.82 | 1.3 | .8 | 1.3 | 8.6 | 6 | <.1 | .2 | .4 | 47 | 1.18 | .071 | 31 | 33.7 | 2.75 | 148 | .014 | 2 | 2.11 | .005 | .24 | .3 | <.01 | 4.1 | <.1 | <.05 | 7 | <.5 | 4.78 |
| 108222 | .2 | 13.3 | 5.9 | 65 | <.1 | 57.9 | 51.7 | 1280 | 6.01 | 1.7 | .4 | 3.1 | .8 | 14 | <.1 | .3 | .2 | 139 | .48 | .043 | 10 | 70.4 | 5.19 | 746 | .008 | 4 | 4.13 | .005 | .16 | <.1 | <.01 | 12.8 | <.1 | <.05 | 12 | <.5 | 10.04 |
| 108223 | .4 | 9.2 | 1.5 | 23 | <.1 | 29.4 | 18.1 | 1458 | 3.41 | 2.0 | .9 | 11.6 | 10.2 | 9 | <.1 | .5 | .3 | 33 | 1.69 | .076 | 31 | 31.0 | 2.72 | 249 | .014 | 3 | 1.85 | .005 | .31 | .4 | .01 | 3.5 | <.1 | <.05 | 6 | <.5 | 8.03 |
| RE 108223 | .3 | 9.8 | 1.4 | 23 | <.1 | 30.4 | 18.1 | 1461 | 3.48 | 1.9 | 1.0 | 8.2 | 10.3 | 9 | <.1 | .4 | .4 | 33 | 1.69 | .074 | 31 | 30.8 | 2.75 | 249 | .014 | 2 | 1.91 | .005 | .31 | .4 | .01 | 3.5 | <.1 | <.05 | 6 | <.5 | - |
| RRE 108223 | .2 | 9.6 | 1.3 | 24 | <.1 | 28.5 | 17.6 | 1428 | 3.27 | 1.9 | .9 | 8.0 | 10.1 | 10 | <.1 | .4 | .3 | 30 | 1.67 | .074 | 29 | 29.1 | 2.65 | 265 | .012 | 3 | 1.78 | .005 | .26 | .2 | <.01 | 3.3 | <.1 | <.05 | 6 | <.5 | - |
| 108224 | .5 | 192.1 | 1.7 | 24 | .1 | 28.6 | 25.0 | 1993 | 4.44 | 1.6 | 1.3 | 4.6 | 8.1 | 27 | <.1 | .5 | .3 | 39 | 2.50 | .068 | 24 | 30.3 | 3.49 | 858 | .014 | 4 | 2.34 | .005 | .29 | .6 | .01 | 4.6 | <.1 | <.05 | 6 | .7 | 8.46 |
| 108225(rock) | .6 | 12.2 | 3.1 | 19 | <.1 | 6.0 | .9 | 86 | .15 | 3.8 | .4 | .8 | .2 | 175 | .3 | .3 | <.1 | 5 | 24.12 | .004 | 1 | 3.7 | 10.47 | 29 | .001 | 2 | .06 | .010 | .03 | <.1 | <.01 | .5 | <.1 | <.05 | <1 | <.5 | 2.62 |
| 108226 | .9 | 27.1 | 5.1 | 14 | <.1 | 21.8 | 31.9 | 678 | 4.38 | 5.1 | 2.2 | 1.1 | 9.6 | 26 | <.1 | 1.4 | .6 | 20 | .84 | .060 | 25 | 23.1 | 1.51 | 900 | .025 | 3 | 1.38 | .005 | .32 | .9 | <.01 | 2.2 | <.1 | .09 | 4 | .5 | 11.57 |
| 108227 | .6 | 49.2 | 4.4 | 28 | <.1 | 29.9 | 24.6 | 1065 | 4.92 | 4.0 | 1.7 | 2.3 | 7.2 | 26 | <.1 | 1.0 | .5 | 45 | .94 | .051 | 24 | 41.5 | 2.51 | 1205 | .022 | 3 | 2.04 | .004 | .26 | .3 | <.01 | 4.6 | <.1 | .06 | 5 | <.5 | 12.08 |
| 108228 | .4 | 57.0 | 1.5 | 68 | <.1 | 60.1 | 44.0 | 2312 | 6.35 | 2.2 | .9 | 2.6 | 3.3 | 31 | <.1 | .4 | .4 | 128 | 2.09 | .055 | 37 | 95.5 | 5.16 | 1100 | .020 | 5 | 3.35 | .005 | .16 | .3 | .02 | 13.6 | <.1 | <.05 | 11 | <.5 | 10.08 |
| 108229(pulp) | 25.0 | >10000 | 8.7 | 90 | 2.7 | 914.8 | 26.7 | 1150 | 10.29 | 8.9 | .1 | 892.6 | .9 | 54 | .3 | 3.3 | .7 | 50 | 1.67 | .060 | 3 | 1050.1 | .79 | 24 | .003 | 7 | .85 | .031 | .45 | 1.9 | .98 | 4.3 | .1 | 3.09 | 3 | 17.6 | - |
| STANDARD DS6 | 12.0 | 125.0 | 30.1 | 147 | .3 | 24.8 | 10.7 | 722 | 2.86 | 21.6 | 6.9 | 47.8 | 3.2 | 37 | 6.2 | 3.7 | 5.2 | 56 | .87 | .079 | 14 | 190.8 | .59 | 163 | .077 | 16 | 1.95 | .074 | .16 | 3.5 | .23 | 3.5 | 1.8 | <.05 | 6 | 4.6 | - |

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Data ʃ FA ____

# Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503983 Page 3

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108230 | .8 | 472.7 | 5.3 | 22 | <.1 | 24.9 | 16.4 | 637 | 4.99 | 6.5 | 2.3 | 3.8 | 8.4 | 12 | <.1 | 2.3 | .6 | 29 | .54 | .050 | 21 | 25.5 | 1.35 | 590 | .032 | 3 | 1.25 | .007 | .21 | .4 | <.01 | 2.7 | <.1 | .07 | 4 | .6 | 14.80 |
| 108231 | .7 | 141.4 | 4.2 | 10 | <.1 | 18.0 | 11.7 | 842 | 3.96 | 6.0 | 1.8 | 1.4 | 8.5 | 14 | <.1 | 1.3 | .3 | 16 | .77 | .049 | 19 | 20.1 | .99 | 546 | .023 | 2 | .93 | .005 | .20 | 1.0 | <.01 | 1.8 | <.1 | <.05 | 3 | <.5 | 13.38 |
| 108232 | .5 | 5.0 | 4.1 | 14 | <.1 | 26.1 | 15.0 | 812 | 4.28 | 5.5 | 1.8 | <.5 | 10.1 | 11 | <.1 | 1.4 | .4 | 18 | .69 | .052 | 22 | 22.0 | 1.39 | 378 | .022 | 3 | 1.30 | .004 | .24 | .3 | <.01 | 2.1 | <.1 | <.05 | 5 | <.5 | 11.90 |
| 108233 | .7 | 7.6 | 4.4 | 27 | <.1 | 35.2 | 25.8 | 1371 | 5.81 | 5.6 | 1.9 | .8 | 9.0 | 12 | <.1 | 1.2 | .5 | 47 | 1.26 | .055 | 42 | 38.5 | 2.64 | 482 | .032 | 3 | 2.11 | .005 | .22 | .7 | <.01 | 4.0 | <.1 | <.05 | 8 | <.5 | 14.21 |
| 108234 | .2 | 30.7 | 1.1 | 50 | <.1 | 52.6 | 60.0 | 2582 | 6.60 | 1.3 | .3 | 4.6 | 1.5 | 22 | <.1 | .1 | .1 | 251 | 1.89 | .075 | 17 | 28.5 | 4.88 | 985 | .014 | 1 | 3.88 | .005 | .04 | <.1 | <.01 | 19.2 | <.1 | <.05 | 18 | <.5 | 13.74 |
| 108235 | .8 | 17.3 | 7.6 | 11 | <.1 | 18.7 | 17.2 | 611 | 5.39 | 8.8 | 2.7 | .9 | 8.8 | 18 | <.1 | 2.3 | .8 | 23 | .70 | .051 | 24 | 20.3 | 1.19 | 494 | .039 | 5 | 1.10 | .005 | .27 | .9 | <.01 | 2.1 | <.1 | <.05 | 3 | <.5 | 13.68 |
| 108236 | .6 | 9.3 | 5.0 | 17 | <.1 | 21.6 | 18.4 | 3309 | 4.78 | 4.7 | 2.0 | 1.2 | 6.7 | 20 | <.1 | 1.4 | .5 | 19 | 4.04 | .055 | 19 | 22.0 | 3.51 | 300 | .028 | 4 | 1.41 | .005 | .22 | .2 | <.01 | 3.3 | <.1 | <.05 | 4 | <.5 | 14.16 |
| 108237 | .6 | 102.2 | 3.7 | 25 | <.1 | 39.1 | 44.6 | 1461 | 5.46 | 5.8 | 1.8 | 6.2 | 6.2 | 18 | <.1 | .9 | .5 | 54 | 1.78 | .053 | 17 | 55.4 | 3.07 | 612 | .023 | 4 | 2.45 | .005 | .25 | .5 | <.01 | 5.9 | <.1 | <.05 | 6 | .5 | 9.40 |
| 108238 | .3 | 63.8 | .6 | 45 | <.1 | 88.3 | 66.1 | 1579 | 7.47 | 1.5 | .2 | 5.6 | .4 | 28 | <.1 | .1 | .4 | 133 | .92 | .024 | 20 | 132.7 | 4.59 | 1375 | .008 | <1 | 4.32 | .004 | .09 | .1 | .01 | 13.4 | <.1 | <.05 | 11 | .5 | 5.70 |
| 108239 | 1.2 | 40.7 | 7.8 | 32 | .1 | 33.0 | 22.5 | 1744 | 5.07 | 1.7 | 1.8 | 12.3 | 8.2 | 44 | <.1 | .6 | 2.1 | 64 | 1.13 | .060 | 20 | 57.7 | 2.50 | 1740 | .042 | <1 | 2.10 | .004 | .15 | .4 | .02 | 7.0 | <.1 | <.05 | 11 | <.5 | 12.37 |
| 108240 | 1.3 | 14.8 | 3.5 | 31 | .3 | 31.9 | 22.2 | 1120 | 4.32 | 1.6 | 1.4 | 11.1 | 7.9 | 22 | <.1 | .4 | 3.8 | 83 | .53 | .061 | 17 | 43.5 | 2.55 | 925 | .019 | 1 | 2.23 | .005 | .16 | .3 | .02 | 6.5 | <.1 | <.05 | 11 | <.5 | 12.83 |
| 108241 | .9 | 15.5 | 3.6 | 33 | .2 | 32.5 | 22.7 | 1148 | 4.34 | 1.6 | 1.7 | 9.0 | 8.2 | 27 | <.1 | .3 | 4.1 | 82 | .56 | .058 | 15 | 44.4 | 2.57 | 1193 | .022 | 1 | 2.28 | .005 | .16 | .1 | .03 | 6.4 | <.1 | <.05 | 12 | <.5 | 6.39 |
| 108242 | .7 | 16.9 | 1.3 | 27 | <.1 | 31.9 | 20.9 | 1427 | 4.15 | 1.8 | 1.3 | 4.5 | 10.0 | 14 | <.1 | .5 | .5 | 47 | 1.57 | .070 | 26 | 36.1 | 2.77 | 398 | .023 | 2 | 1.93 | .005 | .26 | .5 | .01 | 4.6 | <.1 | <.05 | 8 | <.5 | 4.59 |
| 108243 | .6 | 8.6 | 4.8 | 21 | <.1 | 28.8 | 24.2 | 1025 | 5.70 | 5.8 | 2.0 | 3.1 | 7.7 | 34 | <.1 | 1.7 | .9 | 68 | .85 | .059 | 19 | 24.8 | 2.16 | 1393 | .036 | 4 | 1.85 | .005 | .24 | .2 | <.01 | 4.8 | <.1 | <.05 | 6 | <.5 | 13.61 |
| 108244 | .6 | 9.8 | 9.3 | 12 | .1 | 19.7 | 16.8 | 440 | 5.09 | 6.8 | 2.4 | 3.4 | 8.8 | 16 | <.1 | 2.3 | .9 | 22 | .49 | .053 | 22 | 20.2 | 1.07 | 792 | .035 | 4 | 1.07 | .005 | .28 | .9 | <.01 | 1.9 | <.1 | <.05 | 3 | <.5 | 13.19 |
| 108245 | .6 | 31.4 | 9.4 | 10 | <.1 | 15.3 | 14.6 | 371 | 4.89 | 8.8 | 2.7 | 2.6 | 8.7 | 22 | <.1 | 2.6 | .8 | 17 | .41 | .050 | 20 | 19.0 | .71 | 971 | .037 | 4 | .90 | .005 | .30 | .9 | <.01 | 1.8 | <.1 | <.05 | 2 | <.5 | 12.32 |
| 108246 | .8 | 3.1 | 7.4 | 13 | <.1 | 23.0 | 16.8 | 379 | 5.60 | 8.2 | 2.8 | 3.1 | 9.7 | 10 | <.1 | 2.5 | .7 | 22 | .39 | .057 | 32 | 22.1 | 1.21 | 367 | .039 | 4 | 1.22 | .005 | .28 | .3 | <.01 | 2.3 | <.1 | <.05 | 4 | <.5 | 12.72 |
| 108247 | .6 | 74.6 | 3.3 | 17 | <.1 | 19.9 | 27.2 | 1031 | 5.25 | 3.7 | 1.6 | .8 | 7.9 | 13 | <.1 | 1.2 | .3 | 53 | 1.21 | .052 | 30 | 33.0 | 1.77 | 561 | .039 | 4 | 1.26 | .006 | .16 | .3 | <.01 | 5.6 | <.1 | <.05 | 6 | <.5 | 12.07 |
| 108248 | .5 | 9.5 | 2.3 | 21 | <.1 | 22.7 | 30.1 | 496 | 6.21 | 3.1 | 1.4 | .8 | 8.2 | 11 | <.1 | .9 | .3 | 46 | .49 | .053 | 29 | 36.5 | 1.79 | 582 | .042 | 3 | 1.71 | .005 | .16 | .9 | <.01 | 4.2 | <.1 | <.05 | 7 | <.5 | 10.07 |
| 108249(rock) | .5 | 1.4 | 1.2 | 9 | <.1 | 4.0 | .8 | 89 | .11 | 2.7 | .4 | <.5 | .1 | 172 | .1 | .3 | <.1 | 3 | 24.01 | .004 | 1 | 2.1 | 10.62 | 29 | .001 | 1 | .03 | .010 | .01 | .1 | <.01 | <.1 | <.1 | <.05 | <1 | <.5 | 3.22 |
| 108250 | .2 | 74.8 | 1.0 | 44 | <.1 | 42.9 | 72.4 | 1159 | 7.08 | 1.6 | .4 | 1.1 | 1.6 | 12 | <.1 | .2 | .2 | 237 | .66 | .079 | 13 | 23.5 | 4.05 | 618 | .024 | 1 | 3.72 | .004 | .05 | <.1 | <.01 | 16.5 | <.1 | <.05 | 19 | <.5 | 13.69 |
| 108251 | .2 | 52.2 | .9 | 39 | <.1 | 37.7 | 53.0 | 1022 | 6.63 | 1.8 | .3 | .8 | 1.7 | 25 | <.1 | .3 | .2 | 210 | .67 | .073 | 12 | 19.3 | 3.51 | 1714 | .025 | 1 | 3.32 | .005 | .07 | <.1 | <.01 | 16.2 | <.1 | <.05 | 17 | <.5 | 12.89 |
| 108252 | .4 | 210.5 | 1.8 | 32 | <.1 | 34.0 | 66.0 | 2259 | 6.66 | 4.8 | 1.4 | .5 | 3.1 | 20 | .1 | .8 | .4 | 163 | 2.12 | .060 | 20 | 22.8 | 3.43 | 928 | .032 | 1 | 2.42 | .007 | .07 | .5 | <.01 | 19.2 | <.1 | <.05 | 13 | <.5 | 15.06 |
| 108253(pulp) | 11.1 | 1638.2 | 5.3 | 57 | .4 | 430.3 | 17.4 | 602 | 4.15 | 5.7 | .3 | 96.7 | 1.4 | 76 | .1 | 1.6 | .2 | 64 | 1.25 | .063 | 5 | 507.3 | .80 | 137 | .100 | 5 | 1.60 | .121 | .24 | 1.1 | .28 | 4.5 | .1 | .89 | 5 | 3.0 | - |
| 108254 | .4 | 6.6 | 2.2 | 14 | <.1 | 19.5 | 12.9 | 1910 | 3.21 | 2.0 | 1.4 | 3.4 | 8.5 | 15 | <.1 | .7 | .2 | 19 | 2.92 | .064 | 31 | 15.0 | 2.71 | 194 | .014 | 4 | 1.33 | .004 | .28 | .4 | .01 | 2.8 | <.1 | <.05 | 3 | <.5 | 12.78 |
| 108255 | .5 | 11.9 | 141.5 | 273 | .9 | 18.4 | 9.5 | 2735 | 2.51 | 2.9 | 1.5 | 2.8 | 8.2 | 40 | 1.6 | 2.3 | .1 | 12 | 4.96 | .069 | 18 | 13.7 | 3.88 | 901 | .008 | 3 | 1.26 | .007 | .28 | .2 | .18 | 2.7 | <.1 | <.05 | 3 | .7 | 12.66 |
| 108256 | .5 | 3.7 | 32.1 | 54 | .3 | 21.4 | 7.7 | 2060 | 2.68 | 2.0 | 1.9 | 1.5 | 9.6 | 21 | .2 | 1.0 | .2 | 12 | 3.21 | .074 | 13 | 17.0 | 2.88 | 408 | .010 | 4 | 1.27 | .005 | .34 | .6 | .03 | 2.5 | <.1 | <.05 | 3 | .5 | 13.58 |
| 108257 | .4 | 3.6 | 5.7 | 21 | .2 | 19.0 | 7.7 | 2344 | 2.52 | 1.9 | 1.2 | .5 | 8.6 | 25 | .1 | .6 | .1 | 13 | 4.07 | .077 | 18 | 14.3 | 3.12 | 1067 | .010 | 5 | 1.27 | .005 | .34 | .2 | .01 | 2.7 | .1 | <.05 | 3 | <.5 | 13.01 |
| 108258 | .4 | 5.8 | 11.2 | 27 | .1 | 18.1 | 8.9 | 3981 | 2.00 | 1.5 | 1.9 | <.5 | 6.4 | 39 | .1 | .6 | .2 | 10 | 5.16 | .065 | 11 | 12.4 | 3.45 | 1801 | .008 | 2 | .91 | .005 | .26 | .7 | .02 | 2.7 | <.1 | .06 | 2 | <.5 | 13.47 |
| 108259 | .3 | 56.2 | 2.2 | 76 | .1 | 46.9 | 38.9 | 1194 | 6.74 | 1.9 | .3 | .6 | 1.6 | 12 | <.1 | .5 | .3 | 214 | .44 | .053 | 13 | 53.6 | 5.03 | 856 | .013 | 4 | 4.24 | .004 | .05 | .3 | .01 | 18.4 | <.1 | <.05 | 16 | <.5 | 11.22 |
| 108260 | .1 | 17.2 | 2.1 | 71 | <.1 | 45.6 | 29.6 | 898 | 6.12 | 1.5 | .3 | <.5 | .7 | 12 | <.1 | .3 | .1 | 154 | .40 | .054 | 6 | 25.7 | 5.05 | 458 | .010 | 7 | 4.24 | .003 | .11 | .1 | <.01 | 12.6 | <.1 | <.05 | 14 | <.5 | 12.26 |
| RE 108260 | .1 | 17.9 | 2.0 | 71 | <.1 | 45.0 | 30.2 | 910 | 6.18 | 1.7 | .3 | <.5 | .7 | 12 | <.1 | .4 | .2 | 154 | .42 | .056 | 6 | 26.1 | 5.12 | 459 | .009 | 6 | 4.31 | .004 | .11 | .1 | <.01 | 12.8 | <.1 | <.05 | 14 | <.5 | - |
| RRE 108260 | .1 | 17.0 | 17.5 | 103 | .6 | 43.5 | 29.2 | 953 | 6.37 | 1.8 | .4 | <.5 | .7 | 11 | .2 | .7 | .1 | 150 | .49 | .053 | 6 | 24.5 | 5.17 | 492 | .010 | 8 | 4.31 | .003 | .10 | <.1 | .02 | 12.0 | <.1 | <.05 | 14 | <.5 | - |
| 108261 | .1 | 12.0 | 4.7 | 77 | .1 | 56.5 | 31.1 | 1385 | 6.40 | 2.0 | .4 | 18.9 | 1.1 | 9 | <.1 | .5 | .2 | 208 | .97 | .058 | 8 | 29.5 | 5.51 | 70 | .012 | 7 | 4.20 | .005 | .10 | <.1 | .01 | 14.9 | <.1 | <.05 | 14 | <.5 | 12.98 |
| STANDARD DS6 | 11.6 | 123.7 | 30.1 | 144 | .3 | 25.4 | 10.3 | 698 | 2.83 | 20.8 | 6.7 | 48.2 | 2.9 | 41 | 6.2 | 3.3 | 5.1 | 56 | .85 | .075 | 14 | 185.7 | .58 | 161 | .076 | 17 | 1.90 | .072 | .15 | 3.5 | .22 | 3.2 | 1.7 | <.05 | 6 | 4.2 | - |

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Data FA ____

ACME ANALYTICAL

## Copper Ridge Exploration Inc. PROJECT Yukon Olympic FILE # A503983 Page 4

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108262 | .2 | 16.5 | 8.6 | 80 | .1 | 47.1 | 34.1 | 1205 | 6.07 | 1.9 | .3 | 5.3 | 1.1 | 10 | .1 | .5 | .8 | 178 | .65 | .057 | 5 | 27.1 | 6.09 | 373 | .012 | 6 | 3.78 | .004 | .08 | <.1 | .01 | 14.9 | <.1 | <.05 | 15 | <.5 | 10.88 |
| STANDARD DS6 | 11.8 | 125.1 | 30.5 | 151 | .3 | 25.6 | 10.8 | 729 | 2.87 | 22.3 | 6.8 | 44.2 | 2.9 | 37 | 6.2 | 3.5 | 5.1 | 55 | .87 | .078 | 14 | 188.7 | .59 | 166 | .072 | 16 | 1.92 | .073 | .15 | 3.4 | .24 | 3.3 | 1.8 | <.05 | 6 | 4.6 | - |

Sample type: DRILL CORE R150.



Data FA