## **REPORT ON THE**

## **2008 Geophysical and Geochemical Program**

## **BOREALIS PROJECT**

YMIP Project No. 08-050

August 1 to August 6, 2008

Dawson Mining District NTS 116B/06&11 64°30' N – 139°7' W Yukon Territory

By

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## **COPPER RIDGE EXPLORATIONS INC.**

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## 1.0 SUMMARY

The Borealis uranium property (the "Property") consists of 172 contiguous claims in the Dawson Mining District of west central Yukon. Copper Ridge Explorations Inc. has an option to earn a 100% interest in the Property. The 2008 exploration program, based out of Dawson City and conducted between the 1<sup>st</sup> and 6<sup>th</sup> of August, 2007, included helicopter-supported prospecting, geology and sampling traverses.

The prospecting and mapping program targeted strike extensions of known mineralization identified by previous explorers in the 1970's and one area of interest identified in BECI Exploration Consultant's interpretation of the 2007 gamma ray spectrometer survey. The 2008 program also followed up on zones of anomalous uranium collected in stream sediment samples during 2007.

Ground checking of one of the targets prioritized by BECI Exploration for follow up did not identify any significant uranium mineralization. The most strongly anomalous uranium was identified in syenite and hornfels float (145.4 and 355.8 ppm U respectively) on talus slopes and in fracture fill adjacent to the eastern and southern margins of the host pluton (281.0 ppm U). Three stream sediment samples collected immediately adjacent to the best samples delineated during the 2007 program confirmed the presence of anomalous uranium in the central part of the pluton. Grab sampling also identified areas of potential copper±molybdenum mineralization in gossanous hornfels and syenite on the contact aureole of the intrusion.

While this program did not delineate any potential drilling targets, the host intrusion remains largely under-explored due to the extensive claim area and rugged terrain. It continues to have the potential to host either bulk tonnage low grade uranium mineralization or narrow high grade structurally controlled uranium, particularly on the contacts between the pluton and surrounding sedimentary country rock. Additionally, the identification of visible copper mineralization in hornfels, with or without accompanying molybdenum adds considerable upside to the project.

Excellent results from the 2007 program, the identification of new targets based on mapping and interpretations conducted during the 2008 program and the significant potential for base and/or precious metal skarn mineralization provide sufficient justification for an expanded exploration program during the 2009 field season. This should comprise more detailed geochemical sampling (soils and stream sediments), geologic mapping, prospecting and trenching, with a view to establishing targets testable with diamond drilling. Logistically, the best approach would be to establish a portable fly camp that could be readily relocated with minimal helicopter support. The rugged terrain limits the area that can be covered in a day by foot; however, flying daily out of Dawson City is viable only for very short exploration programs.

## 2.0 INTRODUCTION

## 2.1 Terms of Reference and Participating Personnel

This report summarizes the results of a mapping, sampling and prospecting program conducted on the Borealis property during the 2008 field season. The program was funded and operated by Copper Ridge Explorations Inc. ("Copper Ridge"). Expenditure for the program is \$33,638.86. The principal author of this report visited the property during the 2007 and 2008 field seasons and supervised the 2008 exploration program.

Copper Ridge personnel and a mapping-prospecting crew from Aurum Geological in Whitehorse carried out the work. Fireweed Helicopters of Dawson City provided air transportation and Acme Laboratories of Vancouver, British Columbia completed the analytical work.

## 2.2 Source Documents

This report incorporates data from historical work described in previous assessment reports (Wober, 1976; Walton, 1977) by Chevron Standard Ltd filed with government agencies and regional geological studies carried out by the Geological Survey of Canada (Green, 1972) and the Yukon Geological Survey (Symons et al., 2005) and earlier assessment work by Copper Ridge (Hodge & Dawson, 2008).

## 3.0 PROPERTY DESCRIPTION AND LOCATION

The project area consists of a contiguous claim group of 172 quartz claims. The 2008 work was carried out on 18 of the Borealis property claims, from which two years of assessment is being applied to the UO2 93 to 172 claims. The claims are situated over Deadman's Stock in the Ogilvie mountain range 50 kilometres north of Dawson City in the Yukon Territory. The claims are owned 100% by Shawn Ryan, with Copper Ridge having the right to acquire a 100% interest in the property by satisfying the requirements of an option agreement with Ryan.

## 3.1 Location and Access

The southern boundary of the project area is located approximately 51 km north of Dawson City, Yukon Territory (Fig. 1) and immediately east of the Tombstone Territorial Park. The project area covers some 3,550 hectares in the Ogilvie Mountains and is accessible by helicopter from Dawson City. Elevations in the project area range from 1,100 m to over 2,000 m in places. The geological and prospecting crew were based in Dawson City and flew by helicopter to the project area each day.



Figure 1. Location of the Borealis project

## 3.2 Physiography and Climate

The Borealis property is located within the southern Ogilvie Mountains, part of the Canadian Cordillera. The entire property area is above the tree line in alpine to sub-arctic tundra. The region has a sub-arctic climate, characterised by long cold winters and short warm summers. Average summer temperatures rarely rise above 15°C and average winter temperatures are around -34°C. Permafrost is common. Precipitation in the region is low, around 200mm/year. The project area was subject to glaciation during the Pleistocene, which scoured out broad valleys covered in glacial debris and carved steep cirques with knife edge vertical ridges. Talus slopes are abundant below steep walled rock faces, and despite the abundance of outcrop, much of it is inaccessible and therefore mappable only from the talus below the exposures.

## 3.3 Land Tenure

The Borealis property covers over 3,550 hectares and comprises 172 contiguous, unsurveyed two-post claims, (Table 1, Figure 2). The claims were staked according to the Yukon Quartz Mining Act and are located in the Dawson Mining District.

The claims are located on claim sheets 116B-06 and 116B-11 and the records for these claims are available for viewing at the Dawson Mining Recorders Office or on the Yukon Mining Recorder's web site at http://www.yukonminingrecorder.ca. The claims are

owned 100% by Shawn Ryan, with Copper Ridge having the right to acquire a 100% interest in the property by satisfying the requirements of an option agreement.



Figure 2. Borealis claim map

Table 1. Borealis claim data

Grant Number	Claim Name	Claim Number	Claim Expiry Date
YC44623-YC44633	UO2	1-12	10-Jul-13
YC45002-YC45081	UO2	13-92	30-Oct-12
YC63057-YC63136	UO2	93-172	13-Nov-10

## 4.0 HISTORY

The Borealis (originally Rackla) property was initially staked in 1975 and 1976 by Chevron Standard Limited ("Chevron") on behalf of Standard Oil Company Limited of British Columbia following a program of reconnaissance airborne radiometry, stream sediment sampling and mapping over the Deadman Stock, aimed at discovering uranium mineralization. Follow-up prospecting discovered several areas of float and outcrop in the stock with significant uranium mineralization. In one area, 24 samples taken from a 10 by 60 m talus train returned values ranging from 38 to 4200 ppm U and averaging 2100 ppm U (0.21%). A sample of angular float from another area returned a value of  $9.7 \% U_3O_8$ .

In 1977, Chevron completed a program of radiometric surveying, soil sampling, blast pit trenching and diamond drilling. The radiometric surveying and soil sampling successfully defined several areas of anomalous uranium mineralization that were followed-up with 24 blast pit and hand-dug trenches, which were chip sampled. The trenching returned intervals of local mineralization grading up to 0.55 % U over 1 m. The drilling program comprised 6 small diameter (IAX) holes for a total of 225 metres but was completed before the results of the soil sampling and trenching programs were received. The best result from the drilling was 0.14 % U over 0.6 m. The claims remained in good standing until 1982, however no further work was conducted on the property by Chevron or any other party and the claims were allowed to lapse. The area remained unclaimed until 2006, when Shawn Ryan staked 12 claims in two groups and optioned them to Copper Ridge Explorations Inc. on October 31<sup>st</sup> 2006. Copper Ridge, in the name of Shawn Ryan has subsequently staked 160 additional claims.

In 2007, Copper Ridge completed a helicopter-borne magnetic gradiometer and gamma ray spectrometer survey and a field-based mapping, prospecting, soil and stream sediment sampling program. The airborne magnetic and gamma ray surveys identified a much larger area of anomalous uranium radioactivity than had been previously recognized. The soil and silt sampling programs were focused on evaluating a small portion of the larger radiometric anomaly defined by the airborne survey. Results of the 167 sample soils and stream sediment sampling program were successful in identifying several areas for detailed follow-up in 2008 (Hodge and Dawson, 2008).

## 5.0 GEOLOGICAL SETTING

The Borealis property is located in the southern part of the Ogilvie Mountains, part of the Canadian Cordillera in the Yukon. The property covers approximately 1800 hectares of the Deadman pluton, a mid Cretaceous (91±1 Ma) multiphase granitic unit of the Tombstone Suite intrusive complex. The Tombstone plutonic suite, which is defined by its alkalic composition (Hart et al., 2005) and of which the Deadman pluton is the most northerly member, comprises a northwest-trending string of mid-Cretaceous stocks, dykes and sills that parallel the Tintina Fault (Anderson, 1987; Hart et al., 2004). The plutons intrude weakly metamorphosed and deformed Selwyn Basin rocks (Fig. 3), which in the Borealis project area include Neoproterozoic coarse clastic Hyland Group, lower Paleozoic Road River Group black shales and chert, Mississippian quartzite, Permian shale and chert, Triassic quartzite, calcareous siltstone, limestone and gabbro and Jurassic black shale (Symons et al., 2005). Regional metamorphism to sub-greenschist facies occurred prior to intrusion of the Tombstone Suite commencing at around 105 Ma (Mair et al., 2006).

## 5.1 General Property Setting

The Deadman stock is a concentrically zoned multiphase I-type (Hart et al., 2004) alkalic pluton composed predominantly of alkali-feldspar syenite and biotite hornblende



Figure 3 Geology of the Dawson region and Borealis claim location

monzonite with minor quartz monzonite and pseudoleucite tinguaite (Anderson, 1987). Walton (1978) described a number of different intrusive phases within the stock; black and white syenite, grey syenite, flow-banded syenite and nepheline monzonite. The Tombstone suite intrusions host vein, skarn and disseminated gold-copper-bismuth, antimony-arsenic-gold, tin-silver and uranium-thorium-fluorine mineralization. Uranium mineralization is associated with tinguaite (Symons et al., 2005) or late stage flow banded syenite dykes within the stock (Walton, 1978) and occurs as structurally controlled lenses of pitchblende and as disseminations of uraninite within the syenite. Potentially economic gold-bearing skarns such as Marn, Spotted Fawn Gulch and Horn occur within the hornfels aureole of the Tombstone stock, 14 to 25 km east of Borealis (Tenney, 2001).

## 6.0 2008 EXPLORATION PROGRAM

## 6.1 Airborne Geophysical Interpretation

In 2007, Copper Ridge completed a 1,108 kilometre airborne magnetic gradiometer and gamma ray spectrometer survey over the Borealis property (Hodge and Dawson, 2008; see also Figure 4 for total count U results). In 2008, the Company contracted BECI Exploration Consulting to carry out an interpretation of the survey data. Only a preliminary interpretation has been received to date (Scrivens, 2008).

BECI noted that there is little correlation between radiometric intensity and topography and therefore concluded that the variations in the radiometric data are reflecting geological changes. Comparing ratios as well as absolute radiometric readings, BECI outlined four target areas with both high U to K ratios and high U concentrations (all positions are in NAD-83, UTM Zone 7N):

> 1. 589,070 mE and 7,157,720 mN 2. 590,875 mE and 7,157,835 mN 3. 585,305 mE and 7,155,840 mN 4. 585,990 mE and 7,153,655 mN

BECI recommended the target areas be ground-checked and sampled within a 50 m radius.

## 6.2 Mapping, Geochemical Surveying and Prospecting

The 2008 field exploration program, conducted by two Copper Ridge employees and two Aurum Geological contract personnel, included four days of traversing the property collecting grab rock, stream sediment and soil samples. The program targeted one of the four areas of interest highlighted by BECI Exploration Consultant's interpretation of the 2007 gamma ray spectrometer survey, strike extensions of known mineralization, and followed up on anomalies identified during the 2007 geochemical and prospecting program. Mapping identified a number of prospective uranium-bearing structures; predominantly steeply dipping, NNE-striking features hosting late-stage remobilized uranium oxide minerals occurring as fracture fill, often in conjunction with magnetite, and E-W striking silica flooded corridors with increased local radioactivity. These were interpreted as regional scale structures with the potential to host significant remobilized uranium mineralization, either where these structures intersect, creating zones of increased permeability, or on the margins of the pluton, where the structures cross cut favourable horizons within the surrounding country rocks, creating potential for uranium bearing exo-skarn.

Of the sixteen grab samples collected from outcrop and talus during the program, three returned results greater than 100 ppm uranium (Fig. 4). These were all collected from the southern margin of the host pluton, and comprised quartz-tourmaline hornfelsed country rock (likely Selwyn group sedimentary rock), flow banded to coarse-grained syenite and radioactive fracture fill adjacent to an aplite dyke. Three samples, collected from gossanous syenite and hornfelsed sedimentary rock on the northern and western margins of the intrusion returned greater than 170 ppm copper, with one of those containing 654 ppm molybdenum.

Seven stream sediment and six soil samples were collected during the course of the 2008 program. All of the silt samples collected equaled or exceeded the 90th percentile value of 10 ppm uranium for silt samples in the Selwyn Basin as determined by regional programs conducted by the Yukon government, and five of the seven samples exceeded the 99th percentile value of 28 ppm uranium (Fig. 4).



Figure 4. Results of the silt, soil and grab geochemical sampling on total count uranium at Borealis

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

While the 2008 exploration program did not delineate any targets for drill testing, the host intrusion and surrounding hornfels zone remains largely under-explored. The property continues to have the potential to host either bulk tonnage low grade uranium mineralization or narrow high grade structurally controlled uranium. A program of detailed mapping and prospecting is recommended, focused on areas of interest delineated by interpretations of the 2007 gamma ray survey and anomalies identified by previous work. These targets are frequently associated with structures within the pluton and along the contacts between the pluton and surrounding sedimentary country rock. Additionally, the identification of visible copper mineralization in hornfels, sometimes with accompanying molybdenum, adds considerable upside to the project. There is also potential for skarn type gold and/or copper-gold mineralization, such as that identified at the Mike Lake copper-gold prospect located to the east of Borealis. Although gold mineralization has not yet been identified at Borealis, Tombstone Plutonic Suite rocks throughout the region are known to host skarn and replacement type mineralization, particularly where they intrude carbonate sequences or calcareous units within the Selwyn Basin. Nearby examples include small, high grade skarns such as Marn, Spotted Fawn Gulch and Horn, just to the east of the Borealis property and adjacent to the Tombstone intrusive stock. Other examples include Clear Creek, Dublin Gulch, Brewery Creek, Scheelite Dome and Red Mountain, all of which are hosted in or adjacent to Cretaceous age Tombstone Plutonic Suite rocks within the Tintina Gold Belt.

BECI Exploration Consultants identified four targets, based on their interpretation of the 2007 gamma ray survey. Due to time constraints, only one of these was followed up. The remaining three targets require investigation, as do a number of structural targets identified during the 2008 mapping program.

The project area is largely under-explored, predominantly due to locally rugged topography and the large claim area (>3500 hectares). Mapping, prospecting and geochemical sampling in 2007 and 2008 have covered a small part of the pluton and surrounding country rock. However, there are large parts of the claim area that have not been investigated. Given the excellent results from the 2007 program and the identification of new targets based on mapping and interpretations conducted during the 2008 program, in addition to the significant potential for peripheral base and/or precious metal skarn mineralization, we believe that there is sufficient justification for an expanded program during the 2009 field season. This should include detailed geochemical sampling (soils and stream sediments), geologic mapping, prospecting and trenching, with a view to establishing drill targets. There is also potential for skarn gold discoveries within the hornfels surrounding the Deadman Stock. Logistically, the best approach would be to establish a portable fly camp, which could be readily relocated with minimal helicopter support. The rugged terrain limits the area that can be covered in a day by foot; however, flying daily out of Dawson City is viable only for very short exploration programs.

## 8.0 STATEMENT OF COSTS

Exploration Work type	Comment	Days			Totals
Personnel/Position		Days	Rate	Subtotal*	
Joanna Hodge, Senior Project Geo	logist	9	\$500	\$4500	
Greg Dawson, VP Exploration		2	\$550	\$1100	
Scott Kingston, Geological Assistan	nt	8	\$350	\$2800	
				\$8,400.00	\$8,400.00
Contract Labour		Days	Rate		
Aurum Geological (Rick Zuran,					
Louise Levesque)		6.0	\$1,100.00	\$6,600.00	
				\$6,600.00	\$6,600.00
Geophysics					
Geophysical Consulting				\$1,200.00	
				\$1,200.00	\$1,200.00
Transportation					
Helicopter	Fireweed Helicopters			\$10,005.60	
				\$10,005.60	\$10,005.60
Accommodation & Food					
Room, Board and Travel				\$4,425.07	
				\$4,425.07	\$4,425.07
Geochemical Analysis					
Assays	Acme Analytical			\$443.12	
				\$443.12	\$443.12
Freight					
Sample Submission	Greyhound			63.07	\$63.07
	3				
Office Studies					
Report Preparation	Gerald Carlson, Joanna Hodge			\$2,500.00	
				\$2,500.00	\$2,500.00
				,	+=, <b>···</b>
TOTAL Expenditures					\$33,636,86

## 9.0 STATEMENT OF QUALIFICATIONS

I, Joanna Lynette Hodge, do hereby declare that;

- I am currently employed as Senior Project Geologist for Copper Ridge Explorations Inc. of 500 - 625 Howe Street Vancouver, British Columbia V6C 2T6.
- 2. I graduated with a Bachelor of Science degree from the University of Auckland in 1995 and a Master of Science degree with First Class Honours from the University of Auckland in 1997.
- 3. I have worked as a geologist for a total of 7 years since graduation from University, and during completion of my PhD thesis for an additional 4 years on a part-time basis.
- 4. I am not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.
- 5. I am not independent, applying all tests in Section 1.5 of NI 43-101, in that I am an employee of Copper Ridge Explorations Inc and hold options in the Company.

#### Dated at Vancouver, B.C. this 9th day of January, 2009

Joanna Lynette Hodge, BSc, MSc (Hons)

- I, Gerald G. Carlson, hereby certify that:
  - 1. I am a consulting mineral exploration geologist and President of Copper Ridge Explorations Inc., 500 625 Howe Street, Vancouver, B.C. V6C 2T6.
  - 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 not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.
  - 5. I am not independent, applying all tests in Section 1.5 of NI 43-101, in that I am a Director, President and CEO of Copper Ridge Explorations Inc., and I own shares in the company.
  - 6. I was personally involved in the planning, execution and interpretation of the exploration program discussed in this report.

#### Dated at Vancouver, B.C. this 9th day of January, 2009

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

## **10.0 REFERENCES**

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## APPENDIX I: BECI EXPLORATION CONSULTING PRELIMINARY GEOPHYSICAL INTERPRETATION REPORT



## **Report on a Helicopter-Borne Tri-Axial Magnetic and Spectrometer Survey**



<b>Project Name:</b>	Borealis
Project Number:	935-174

**Client:** 



Date: August 3<sup>rd</sup>, 2008



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#### 1. Introduction

A helicopter magnetic gradiometer and radiometrics survey was flown over the Borealis Property by Aeroquest Limited for a total of 1,129 l-km. The survey was flown for Copper Ridge Explorations Ltd in the search for uranium mineralization.

#### 2. <u>Results</u>

As shown in Figure 1 (total magnetic intensity) and Figure 2 (total count gamma radiation), the survey area is defined by a circular ring having a diameter of roughly 9.5 km.

Based on the measured vertical magnetic gradient (Figure 3) the rim of this circular feature in located very close to surface and should outcrop or sub-crop in many locations.

From the TMI image (Figure 1) the shape of the magnetic feature is best described as an ellipse with east-west axis 10.5 km and north-south axis 8.5 km, or very close to circular.

This feature is known to be a uranium-rich intrusion. As shown by the measured vertical gradient (Figure 3), this intrusion appears to show zonation with additional magnetite-rich bands within the inner core. Further to the northeast and still within the core is a smaller ring that could represent the last stage of crystallization of the magma.

Comparing the total count gamma (TCG) image (Figure 2) with the TMI image (Figure 1) confirms that the margin of this intrusion is very close to surface (and is potassium-uranium-thorium rich as is much of the inside of the intrusion). The high magnetic field defining the annular ring is seen in the TCG image as having low radioactivity. But immediately inside of the ring the intrusion has high natural radioactivity – likely potassium rich. This is shown more clearly in Figure 4.

Comparing the digital terrain image (Figure 5) with the TCG image and TMI image show there is little direct correlation between topography and these images, and therefore these images are reflecting geological changes and not topographic effects. There are two minor correlations with topography however. The major south-southeast trending fault is also a topographic low and minor variations in the TCG (seen as lows) are likely caused by drainage where overburden is thicker and prevents gamma radiation from reaching the detector in the helicopter.

Figure 6 shows the Uranium channel (U) corrected for Compton scattering.

Figure 7 shows the Potassium channel (K) also corrected.

Figure 8 shows the corrected Thorium (Th) channel.

Note the similarity between the 3 energy windows K, U and Th. The intrusion is enriched in all three elements. To determine where within the intrusion we can find higher relative grades of Uranium, we compute the ratio of Uranium to Potassium. This has the effect of normalizing out



absolute increases in Uranium (which can be caused by variations in overburden thickness and natural changes in geology) and emphasizes relative increases compared to Potassium.

Two main areas of relative Uranium enrichment are noted in the U to K ratio as shown in Figure 9. The area we are interested in is located within the intrusion. An area outside of the intrusion that also shows a high ratio is the result of both U and K concentrations being very low. We want high relative concentrations of U within a high U background.

#### 3. <u>Recommendations</u>

High U to K ratios AND high U concentrations occur at the following positions (all positions are in NAD-83, UTM Zone 7N):

- 1. 589,070 mE and 7,157,720 mN
- 2. 590,875 mE and 7,157,835 mN
- 3. 585,305 mE and 7,155,840 mN
- 4. 585,990 mE and 7,153,655 mN

We recommend they be ground-checked and sampled within a 50 m radius.

Respectively Submitted,

A. Amin

Sean Scrivens Balch Exploration Consulting Inc. August, 2008





Figure 1 - Total Magnetic Intensity grid of the Borealis survey area with interpreted intrusive boundaries



**Drainage Features** 

Figure 2 - Z Gamma Ray Spectometry Total Count over the Borealis survey area with interpreted structures





Figure 3 – Vertical Magnetic Gradient of the Borealis survey area with Interpreted crystallization rings





Figure 4 – Comparison between TMI and TCG over the Borealis survey area with interpreted crystallization ring





Figure 5 – Digital Terrain Model of the Borealis survey area with major fault structure





Figure 6 – GRS Uranium Channel over the Borealis survey area with Compton scattering correcting





Figure 7 – GRS Potassium Channel over the Borealis survey area with Compton scattering correcting





Figure 8 – GRS Thorium Channel over the Borealis survey area with Compton scattering correcting





Figure 9 – GRS Uranium / Potassium Ratio over the Borealis survey

## APPENDIX II: GRAB SAMPLE GEOCHEMICAL ANALYSES

Sample	Easting	Northing	Strike	Dip	Sample	Description
ID 67001	502116	7150262			Type	Strongly ovidized opprogramming garnet dispeide every
0/001	592110	1100000			grab	Steenly N-dinning, E-W trending L-mineralized joint in coarse-grained sygnite. Vellowish brown
67002	592036	7158394	260	70	arab	zoned laminated Up to 700 cps (scint)
01002	002000	1100001	200	10	grab	Strongly oxidized gossan, Magnetic, 2-3% fine-grained disseminated anhedral pyrrhotite, 2-3%
						massive fine-grained pyrite. Trace fine-grained disseminated-veinlet chalcopyrite. Boxwork texture.
67003	591935	7158676			grab	Low U
					-	Angular blocks of fine-grained flow-banded to coarse-grained syenite in talus float. Sample
						weathered and oxidized, vughy. Cavities filled with coarse-grained euhedral lime green or dark red
67004	588687	7153359			grab	brown crystals. Spectrum 124 293.0ppm U
						Strongly silicified quartz-tourmaline hornfels. Non-magnetic. Parent rock unidentifiable. Sample
67010	593277	7153901			grab	taken from talus slope comprising syenite, megacrystic trachytic syenite, oxidized boulders
67011	501760	7154776	150	96	arab	Pyritic fine-grained massive weakly foliated grey mudstone. Weakly oxidized, 1-2% fine-grained
0/011	594700	/104//0	100	00	grab	Rusty sub-angular boulder (1.0x1.5x1.0)m - radioactive 800 cps - severely oxidized decomposed
67054	589621	7158190			arab	biotite svenite.
					9.00	Rusty sub-angular boulder (1.0x1.5x1.0)m - radioactive 800 cps - mixed lith of fine grained biotite
67055	589621	7158190			grab	syenite with partly assimilated cooked sed with trace p0/py
					-	Chip over 10 cm; 2000 cps spot high - wkly rusty decomposed syenite with trace po along joint
67057	589197	7158797			grab	005/60.
67059	585823	7153634			grab	Hornfelsed siltstone with fracture controlled 3-5% py+po and trace cpy and molybdenite.
07000	505004	7450040			1	30x30x30 cm float of cooked, sugary hornfelsed sediment with up to 15% py and lesser cpy and
67060 67064	585834	7153616			grab	Molybdenite?
07004	291000	7155095			grab	Builder (1.5x1.0x1.0m) at base of light linear-chute: leucocratic-silica flooded and quartz-veiped
67065	591972	7153898			arab	svenite: veinlets are parallel and contain 1-3% rutile/schorl?
0.000	001012	1100000			grad	Different boulder; gtz vein float; vein 10cm wide with 10% fine grained disseminated dark
67066	591972	7153898			grab	unidentified mineral (rutile/schorl?)
					-	From Z17; 1mm magnetite radioactive planar fracture filling adjacent aplite with large altered black
67067	585769	7154167			grab	mineral - looks like hornblende?

Sample ID 67001	<b>Mo</b> ppm 0.7	<b>Cu</b> ppm 32.1	Pb ppm 44.4	<b>Zn</b> ppm 127	<b>Ag</b> ppm 0.3	<b>Ni</b> ppm 1.1	<b>Со</b> ррт 5.4	<b>Mn</b> <b>ppm</b> 4217	<b>Fe %</b> 13.54	<b>As</b> ppm 3.8	<b>U</b> ppm 18.5	<b>Au</b> ppb <0.5	<b>Th ppm</b> 40.3	<b>Sr</b> ppm 184	<b>Cd</b> <b>ppm</b> 1.0	<b>Sb</b> <b>ppm</b> 0.1	<b>Bi</b> ppm 0.3	<b>V</b> ppm 199	<b>Ca %</b> 12.69	<b>P %</b> 0.018	<b>La</b> ppm 56	Cr ppm 6
67002	0.5	3.5	205.3	236	0.1	1.1	1.3	>10000	7.88	6.5	64.5	1.4	585.8	1446	2.1	<0.1	2.2	74	11.89	0.068	1797	3
67003	1.8	281.9	11.2	57	0.5	89.0	32.8	410	7.64	7.9	1.3	11.2	6.0	73	0.1	0.1	0.3	59	2.30	0.252	26	102
67004	0.7	2.8	356.5	398	0.2	3.4	1.0	327	0.68	5.5	145.4	*	63.7	48	0.9	2.9	1.4	12	0.32	0.013	299	14
67010	0.2	4.0	103.2	29	0.2	7.3	1.3	1349	0.31	2.2	354.8	0.7	>2000.0	640	0.2	0.1	0.3	5	1.10	0.149	251	10
67011	0.8	49.4	9.8	85	<0.1	45.2	41.7	672	4.84	9.4	2.5	<0.5	19.8	31	<0.1	0.2	1.2	36	0.13	0.052	36	44
67054	4.5	13.5	77.6	117	0.5	1.3	2.6	549	3.20	4.5	20.1	<0.5	240.0	197	0.3	0.1	1.0	2	0.35	0.011	119	6
67055	5.6	24.6	8.4	88	<0.1	22.1	9.4	552	3.24	8.8	5.7	<0.5	26.3	65	<0.1	0.2	<0.1	108	0.46	0.111	29	46
67057 67059	4.8 23.5	170.8 69.2	142.2 14.1	166 53	0.2 0.2	4.2 38.0	7.8 10.0	511 159	3.80 2.73	6.4 37.3	47.9 5.3	<0.5 1.7	1016.5 9.1	141 19	1.2 0.1	0.4 0.8	0.2 0.2	180 222	1.47 0.98	0.280 0.387	5306 24	56 66
67060 67064	653.6 2.0	397.7 0.9	48.3 11.8	51 2	0.3 <0.1	25.0 1.5	34.8 0.4	1006 42	8.28 0.17	35.4 1.7	9.9 3.8	2.2 <0.5	27.1 13.3	57 44	0.4 <0.1	7.2 0.4	1.2 0.2	73 <2	0.53 0.08	0.036 0.008	51 24	23 8
67065	1.3	1.5	6.4	<1	<0.1	0.4	0.2	19	0.11	0.6	9.1	<0.5	23.5	39	<0.1	0.1	<0.1	<2	0.05	0.007	31	8
67066	0.6	0.8	4.4	<1	<0.1	1.4	0.1	13	0.08	0.6	5.2	<0.5	16.2	14	<0.1	<0.1	<0.1	<2	0.02	0.005	19	9
67067	0.5	8.0	69.5	1039	0.1	1.0	1.3	753	1.84	2.2	281.0	8.7	209.5	398	1.5	0.2	0.4	9	0.38	0.002	113	7

Sample ID	Mg %	Ba ppm	Ti %	B ppm	AI %	Na %	Κ%	W ppm	Hg ppm	Sc ppm	TI ppm	S %	Ga ppm	Se ppm	
67001	0.13	23	0.708	<1	2.37	0.760	0.50	0.3	<0.01	1.8	0.6	0.08	18	<0.5	
67002	0.05	51	0.141	<1	4.41	2.379	0.56	0.5	<0.01	0.4	0.7	<0.05	17	<0.5	
67003	1.30	101	0.192	<1	1.49	0.234	0.26	0.4	<0.01	3.9	0.2	1.59	5	2.4	
67004	0.04	29	0.090	20	0.27	0.076	0.11	0.7	0.06	0.7	0.1	<0.05	2	<0.5	
67010	0.09	106	0.107	18	0.13	0.223	0.10	0.4	<0.01	0.2	<0.1	<0.05	<1	<0.5	
67011	0.94	91	0.102	3	4.00	0.057	0.86	0.1	<0.01	2.9	0.4	0.68	10	<0.5	
67054	0.12	70	0.055	8	1.89	0.838	0.51	1.6	<0.01	0.2	0.7	1.13	6	<0.5	
67055	0.87	404	0.277	1	1.63	0.120	1.17	8.1	<0.01	5.7	1.0	0.15	7	0.9	
67057 67059	0.19 0.90	96 86	0.169 0.151	2 3	0.80 0.88	0.031 0.071	0.09 0.70	1.3 1.1	0.05 <0.01	2.1 4.8	<0.1 0.6	0.27 1.18	8 5	<0.5 2.0	
67060 67064	0.38 0.01	44 25	0.013 0.013	3 7	0.60 0.20	0.038 0.062	0.29 0.21	3.1 0.2	<0.01 <0.01	4.1 0.2	1.0 <0.1	2.47 <0.05	5 <1	2.1 <0.5	
67065	0.01	28	0.022	12	0.13	0.094	0.07	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
67066	0.01	16	0.019	2	0.15	0.087	0.11	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
67067	0.03	20	0.065	25	3.58	3.335	0.35	0.3	<0.01	<0.1	0.4	0.06	23	<0.5	

## APPENDIX III: SILT AND SOIL GEOCHEMICAL ANALYSES

Sample	Easting	Northing	Sample	Description
ID			Туре	
67005	588517	7154537	silt	Stream sediment sample upstream of 2007 93 ppm U sample
67006	588794	7154917	silt	Stream sediment sample downstream of 2007 93 ppm U sample
67007	588919	7155228	silt	Stream sediment sample downstream of 2007 93 ppm U sample
67008	588783	7155299	silt	Stream sediment sample downstream of 2007 93 ppm U sample
67009	589027	7155119	silt	Stream sediment sample downstream of 2007 93 ppm U sample
67051	589812	7158247	soil	B-horizon - in area of anomalous silt (2007); 375 cps at sample site.
67052	589889	7158276	soil	C-horizon - 300 cps at sample site.
67053	589731	7158167	soil	C-horizon - 450 cps at sample site.
67056	589189	7158768	soil	Below rusty syenite outcrop, 15m downstream from waterfalls; 300-400 cps; composite soil over 15m.
67058	585817	7153609	silt	Drains grey syenite/dark hornfels-siltstone-pyroxenite package contact area.
67061	585792	7154542	silt	Flow west; moderate, 1m wide creek, drains cirque and E-W linear.
67062	591882	7155104	soil	Composite soil taken across 20m of recessive granular weathering grey syenite at station Z21; 300 cps avg
67063	591940	7155041	soil	Composite soil over 5m taken below rusty spheroidal weathering syenite at station Z20

Sample	Мо	Cu	Pb	Zn	Ag	Ni	Со	Mn	Fe %	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca %	Р%	La	Cr
ID	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm			ppm	ppm
67005	6.8	73.9	42.6	128	0.2	52.6	20.0	1017	1.84	23.3	94.9	2.7	5.4	234	1.6	0.5	0.5	38	0.69	0.105	97	24
67006	3.6	62.8	38.1	95	0.2	33.8	12.8	1385	2.29	56.4	129.2	4.2	8.9	211	0.6	0.5	0.5	38	1.07	0.125	103	21
67007	3.4	31.5	39.3	103	<0.1	19.9	9.5	522	2.22	26.1	52.0	2.0	17.8	143	0.3	0.6	0.4	42	0.91	0.076	98	18
67008	4.9	33.7	45.5	118	<0.1	22.0	10.8	638	2.38	29.9	42.8	2.4	16.5	129	0.3	0.6	0.5	42	0.66	0.074	95	20
67009	1.9	18.3	22.1	69	<0.1	9.7	6.6	819	2.30	27.4	32.8	3.0	21.9	146	0.4	0.3	0.3	45	1.57	0.086	78	10
67051	2.2	22.2	101.0	176	0.1	16.7	7.9	793	2.62	9.0	12.3	2.6	26.7	51	0.5	0.5	1.1	41	0.29	0.054	92	16
67052	1.6	73.1	117.0	185	0.1	52.9	16.5	822	2.89	26.5	12.4	10.0	35.1	55	0.5	0.5	1.2	48	0.34	0.077	139	45
67053	0.9	13.0	172.0	221	0.2	6.3	4.6	898	2.08	5.3	19.2	5.2	54.1	102	0.7	0.2	1.7	22	0.46	0.033	158	5
67056	7.1	119.1	76.8	173	0.2	26.3	20.4	1055	3.29	14.4	34.8	23.0	43.0	119	0.4	0.6	1.2	45	0.49	0.059	102	15
67058	4.3	80.6	99.8	180	<0.1	64.5	22.0	1080	3.84	29.8	20.3	3.6	46.2	285	0.5	2.0	0.9	55	0.85	0.073	107	56
67061	1.2	67.3	80.7	162	0.1	125.4	23.6	806	3.49	11.6	10.0	5.1	24.6	160	0.5	0.5	0.5	69	0.70	0.130	118	110
67062	0.6	23.6	50.0	121	<0.1	11.5	7.8	753	2.07	9.8	14.5	17.1	84.8	174	0.4	0.4	0.9	24	0.58	0.087	233	9
67063	5.1	99.4	49.2	70	0.8	10.0	7.5	517	4.65	8.5	22.3	7.4	84.9	76	0.2	0.4	0.6	29	0.84	0.136	100	10

Sample	Mg %	Ва	Ti %	В	AI %	Na %	Κ%	W	Hg	Sc	TI	S %	Ga	Se
ID		ppm		ppm				ppm	ppm	ppm	ppm		ppm	ppm
67005	0.37	133	0.018	3	2.51	0.029	0.18	1.7	0.11	1.8	1.0	0.24	8	2.9
67006	0.30	85	0.039	5	2.72	0.031	0.16	2.2	0.09	1.5	0.8	0.13	9	4.2
67007	0.31	89	0.063	4	2.32	0.028	0.11	3.0	0.03	1.8	0.4	<0.05	8	1.1
67008	0.38	101	0.054	3	3.08	0.025	0.12	3.0	0.03	1.9	0.5	< 0.05	9	1.4
67009	0.19	62	0.094	4	1.81	0.039	0.11	1.7	0.02	1.3	0.3	<0.05	6	1.2
67051	0.37	138	0.068	2	3.45	0.018	0.18	3.1	0.02	2.1	0.9	<0.05	10	0.7
67052	0.75	162	0.109	3	4.58	0.026	0.16	1.6	0.03	2.6	0.8	< 0.05	13	0.7
67053	0.19	57	0.064	4	4.99	0.036	0.19	2.6	<0.01	0.7	0.7	<0.05	14	<0.5
67056	0.36	102	0.081	2	2.49	0.095	0.27	3.6	0.03	2.2	0.8	<0.05	10	0.9
67058	1.08	319	0.128	7	3.12	0.093	0.56	2.6	0.02	3.2	0.7	<0.05	12	0.6
67061	1.85	337	0.172	4	3.78	0.077	0.57	0.5	0.04	3.2	0.9	< 0.05	12	0.6
67062	0.33	85	0.057	3	6.92	0.113	0.13	0.9	0.02	1.0	0.6	< 0.05	16	0.5
67063	0.21	61	0.075	2	2.63	0.027	0.10	4.9	0.06	1.4	0.3	0.20	7	1.4

## APPENDIX IV ANALYTICAL CERTIFICATE

# AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

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

www.acmelab.com

#### **Copper Ridge Exploration Inc.**

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Submitted By: Receiving Lab: Received: Report Date: Page:

Client:

Greg Dawson Canada-Vancouver August 15, 2008 September 03, 2008 1 of 2

## VAN08008305.1

#### **CLIENT JOB INFORMATION**

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	6

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
DISP-RJT	Dispose of Reject After 90 days

CERTIFICATE OF ANALYSIS

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

Invoice To:	Copper Ridge Exploration Inc.
	500 - 625 Howe St.
	Vancouver BC V6C 2T6
	Canada

CC:

Gerald G. Carlson

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	6	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	6	Dry at 60C		
1DX15	6	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

#### **ADDITIONAL COMMENTS**



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



Page:

#### Copper Ridge Exploration Inc.

VAN08008305.1

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project:

Report Date:

None Given September 03, 2008

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#### 2 of 2 Part 1

## CERTIFICATE OF ANALYSIS

		Method	1DX15																			
		Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
675051	Soil		2.2	22.2	101.0	176	0.1	16.7	7.9	793	2.62	9.0	12.3	2.6	26.7	51	0.5	0.5	1.1	41	0.29	0.054
675052	Soil		1.6	73.1	117.0	185	0.1	52.9	16.5	822	2.89	26.5	12.4	10.0	35.1	55	0.5	0.5	1.2	48	0.34	0.077
675053	Soil		0.9	13.0	172.0	221	0.2	6.3	4.6	898	2.08	5.3	19.2	5.2	54.1	102	0.7	0.2	1.7	22	0.46	0.033
675056	Soil		7.1	119.1	76.8	173	0.2	26.3	20.4	1055	3.29	14.4	34.8	23.0	43.0	119	0.4	0.6	1.2	45	0.49	0.059
675062	Soil		0.6	23.6	50.0	121	<0.1	11.5	7.8	753	2.07	9.8	14.5	17.1	84.8	174	0.4	0.4	0.9	24	0.58	0.087
675063	Soil		5.1	99.4	49.2	70	0.8	10.0	7.5	517	4.65	8.5	22.3	7.4	84.9	76	0.2	0.4	0.6	29	0.84	0.136





#### Copper Ridge Exploration Inc.

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Project: Report Date:

Page:

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2 of 2 Part 2

## CERTIFICATE OF ANALYSIS

Phone (604) 253-3158 Fax (604) 253-1716

		Method Analyte	1DX15	1DX15 Cr	1DX15 Ma	1DX15 Ba	1DX15 Ti	1DX15 B	1DX15	1DX15 Na	1DX15 к	1DX15 W	1DX15 Ha	1DX15 Sc	1DX15 TI	1DX15 S	1DX15 Ga	1DX15 Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
675051	Soil		92	16	0.37	138	0.068	2	3.45	0.018	0.18	3.1	0.02	2.1	0.9	<0.05	10	0.7
675052	Soil		139	45	0.75	162	0.109	3	4.58	0.026	0.16	1.6	0.03	2.6	0.8	<0.05	13	0.7
675053	Soil		158	5	0.19	57	0.064	4	4.99	0.036	0.19	2.6	<0.01	0.7	0.7	<0.05	14	<0.5
675056	Soil		102	15	0.36	102	0.081	2	2.49	0.095	0.27	3.6	0.03	2.2	0.8	<0.05	10	0.9
675062	Soil		233	9	0.33	85	0.057	3	6.92	0.113	0.13	0.9	0.02	1.0	0.6	<0.05	16	0.5
675063	Soil		100	10	0.21	61	0.075	2	2.63	0.027	0.10	4.9	0.06	1.4	0.3	0.20	7	1.4

## VAN08008305.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Copper Ridge Exploration Inc.

VAN08008305.1

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

None Given September 03, 2008

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#### 1 of 1 Part 1

QUALITY CONTROL REPORT

	Method	1DX15																			
	Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS7	Standard	19.8	108.0	68.5	385	0.9	54.1	9.0	640	2.41	47.7	4.7	72.8	4.3	74	5.6	5.8	4.2	88	0.88	0.072
STD DS7	Standard	18.9	106.7	66.7	393	0.9	54.5	9.2	681	2.47	49.2	4.5	78.7	3.8	69	5.4	5.6	4.0	87	0.88	0.071
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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#### Copper Ridge Exploration Inc.

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

None Given September 03, 2008

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1 of 1 Part 2

## QUALITY CONTROL REPORT

	Method Analyte	1DX15	1DX15 Cr	1DX15 Ma	1DX15 Ba	1DX15 Ti	1DX15 B	1DX15	1DX15 Na	1DX15 к	1DX15 W	1DX15 Ha	1DX15 Sc	1DX15 TI	1DX15 S	1DX15 Ga	1DX15 Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																	
STD DS7	Standard	13	171	1.12	411	0.138	38	1.08	0.101	0.52	3.9	0.19	2.6	4.1	0.15	5	3.5
STD DS7	Standard	12	164	1.13	424	0.128	38	1.06	0.085	0.53	3.8	0.21	2.5	4.4	0.19	5	3.5
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	< 0.001	<0.01	<0.1	<0.01	< 0.1	<0.1	<0.05	<1	<0.5

## VAN08008305.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

# AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

CERTIFICATE OF ANALYSIS

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#### **Copper Ridge Exploration Inc.**

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Submitted By: Receiving Lab: Received: Report Date: Page:

Greg Dawson Canada-Vancouver August 15, 2008 September 17, 2008 1 of 2

## VAN08008304.1

#### **CLIENT JOB INFORMATION**

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	15

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
DISP-RJT	Dispose of Reject After 90 days

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

#### Copper Ridge Exploration Inc. Invoice To: 500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

CC:

Gerald G. Carlson

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Client:

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	15	Crush, split and pulverize rock to 200 mesh		
1DX15	15	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

#### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



#### Copper Ridge Exploration Inc.

VAN08008304.1

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

None Given

Project: Report Date:

Page:

September 17, 2008

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## CERTIFICATE OF ANALYSIS

		Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15							
		Analyte	Wgt	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca
		Unit	kg	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%							
		MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
67001	Rock		0.66	0.7	32.1	44.4	127	0.3	1.1	5.4	4217	13.54	3.8	18.5	<0.5	40.3	184	1.0	0.1	0.3	199	12.69
67002	Rock		0.92	0.5	3.5	205.3	236	0.1	1.1	1.3	>10000	7.88	6.5	64.5	1.4	585.8	1446	2.1	<0.1	2.2	74	11.89
67003	Rock		1.40	1.8	281.9	11.2	57	0.5	89.0	32.8	410	7.64	7.9	1.3	11.2	6.0	73	0.1	0.1	0.3	59	2.30
67004	Rock		2.38	0.7	2.8	356.5	398	0.2	3.4	1.0	327	0.68	5.5	145.4	*	63.7	48	0.9	2.9	1.4	12	0.32
67010	Rock		1.51	0.2	4.0	103.2	29	0.2	7.3	1.3	1349	0.31	2.2	354.8	0.7	>2000	640	0.2	0.1	0.3	5	1.10
67011	Rock		1.07	0.8	49.4	9.8	85	<0.1	45.2	41.7	672	4.84	9.4	2.5	<0.5	19.8	31	<0.1	0.2	1.2	36	0.13
67054	Rock		0.78	4.5	13.5	77.6	117	0.5	1.3	2.6	549	3.20	4.5	20.1	<0.5	240.0	197	0.3	0.1	1.0	2	0.35
67055	Rock		1.35	5.6	24.6	8.4	88	<0.1	22.1	9.4	552	3.24	8.8	5.7	< 0.5	26.3	65	<0.1	0.2	<0.1	108	0.46
67057	Rock		1.77	4.8	170.8	142.2	166	0.2	4.2	7.8	511	3.80	6.4	47.9	< 0.5	1017	141	1.2	0.4	0.2	180	1.47
67059	Rock		1.38	23.5	69.2	14.1	53	0.2	38.0	10.0	159	2.73	37.3	5.3	1.7	9.1	19	0.1	0.8	0.2	222	0.98
67060	Rock		2.73	653.6	397.7	48.3	51	0.3	25.0	34.8	1006	8.28	35.4	9.9	2.2	27.1	57	0.4	7.2	1.2	73	0.53
67064	Rock		1.66	2.0	0.9	11.8	2	<0.1	1.5	0.4	42	0.17	1.7	3.8	< 0.5	13.3	44	<0.1	0.4	0.2	<2	0.08
67065	Rock		2.14	1.3	1.5	6.4	<1	<0.1	0.4	0.2	19	0.11	0.6	9.1	<0.5	23.5	39	<0.1	0.1	<0.1	<2	0.05
67066	Rock		1.92	0.6	0.8	4.4	<1	<0.1	1.4	0.1	13	0.08	0.6	5.2	<0.5	16.2	14	<0.1	<0.1	<0.1	<2	0.02
67067	Rock		1.51	0.5	8.0	69.5	1039	0.1	1.0	1.3	753	1.84	2.2	281.0	8.7	209.5	398	1.5	0.2	0.4	9	0.38





#### Copper Ridge Exploration Inc.

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

September 17, 2008

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2 of 2 Part 2

CERTIFICATE OF ANALYSIS

Phone (604) 253-3158 Fax (604) 253-1716

	M																		
	IVI	ethoa	1DX15																
	Ar	nalyte	Р	La	Cr	Mg	Ва	Ti	В	AI	Na	ĸ	w	Hg	Sc	TI	S	Ga	Se
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
67001	Rock		0.018	56	6	0.13	23	0.708	<1	2.37	0.760	0.50	0.3	<0.01	1.8	0.6	0.08	18	<0.5
67002	Rock		0.068	1797	3	0.05	51	0.141	<1	4.41	2.379	0.56	0.5	<0.01	0.4	0.7	<0.05	17	<0.5
67003	Rock		0.252	26	102	1.30	101	0.192	<1	1.49	0.234	0.26	0.4	<0.01	3.9	0.2	1.59	5	2.4
67004	Rock		0.013	299	14	0.04	29	0.090	20	0.27	0.076	0.11	0.7	0.06	0.7	0.1	<0.05	2	<0.5
67010	Rock		0.149	251	10	0.09	106	0.107	18	0.13	0.223	0.10	0.4	<0.01	0.2	<0.1	<0.05	<1	<0.5
67011	Rock		0.052	36	44	0.94	91	0.102	3	4.00	0.057	0.86	0.1	<0.01	2.9	0.4	0.68	10	<0.5
67054	Rock		0.011	119	6	0.12	70	0.055	8	1.89	0.838	0.51	1.6	<0.01	0.2	0.7	1.13	6	<0.5
67055	Rock		0.111	29	46	0.87	404	0.277	1	1.63	0.120	1.17	8.1	<0.01	5.7	1.0	0.15	7	0.9
67057	Rock		0.280	5306	56	0.19	96	0.169	2	0.80	0.031	0.09	1.3	0.05	2.1	<0.1	0.27	8	<0.5
67059	Rock		0.387	24	66	0.90	86	0.151	3	0.88	0.071	0.70	1.1	<0.01	4.8	0.6	1.18	5	2.0
67060	Rock		0.036	51	23	0.38	44	0.013	3	0.60	0.038	0.29	3.1	<0.01	4.1	1.0	2.47	5	2.1
67064	Rock		0.008	24	8	0.01	25	0.013	7	0.20	0.062	0.21	0.2	<0.01	0.2	<0.1	<0.05	<1	<0.5
67065	Rock		0.007	31	8	0.01	28	0.022	12	0.13	0.094	0.07	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
67066	Rock		0.005	19	9	0.01	16	0.019	2	0.15	0.087	0.11	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
67067	Rock		0.002	113	7	0.03	20	0.065	25	3.58	3.335	0.35	0.3	<0.01	<0.1	0.4	0.06	23	<0.5

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#### Copper Ridge Exploration Inc.

VAN08008304.1

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

None Given

Project:
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Page:

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September 17, 2008

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#### 1 of 1 Part 1

QUALITY CONTROL	REP	POR	T		
Method	WGHT	1DX15	1DX15	1DX15	1DX <sup>2</sup>
• • • •			-		_

	Method	WGHT	1DX15																		
	Analyte	Wgt	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca
	Unit	kg	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%							
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
67060	Rock	2.73	653.6	397.7	48.3	51	0.3	25.0	34.8	1006	8.28	35.4	9.9	2.2	27.1	57	0.4	7.2	1.2	73	0.53
REP 67060	QC		678.8	407.4	50.5	52	0.3	24.1	35.9	997	8.51	34.5	9.8	3.0	27.3	57	0.5	7.3	1.2	75	0.54
Reference Materials																					
STD DS7	Standard		21.1	112.8	70.5	390	0.8	51.9	10.6	676	2.47	49.2	5.1	60.5	4.6	79	5.9	6.2	4.7	89	0.94
STD DS7	Standard		22.1	113.7	73.2	396	0.9	57.6	10.8	686	2.51	51.6	5.4	58.1	5.0	80	6.3	6.4	4.8	94	0.98
STD DS7	Standard		19.9	107.7	64.0	383	0.8	52.6	9.5	585	2.30	50.2	4.5	93.9	4.0	66	6.0	5.5	4.3	83	0.91
STD DS7	Standard		19.1	111.4	69.3	403	0.9	53.5	9.2	613	2.37	51.2	4.6	65.8	4.2	65	6.5	5.7	4.6	85	0.90
STD DS7 Expected			20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.4	2.7	2.3	43	<0.1	4.3	4.4	513	1.87	<0.5	1.8	< 0.5	3.5	52	<0.1	<0.1	<0.1	38	0.48
G1	Prep Blank	<0.01	0.2	2.4	2.1	46	<0.1	6.9	4.7	549	1.94	< 0.5	2.0	<0.5	3.3	55	<0.1	<0.1	<0.1	39	0.48



#### Copper Ridge Exploration Inc.

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Part 2

Project: Report Date:

Page:

None Given September 17, 2008

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QUALITY CONTROL REPORT

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## VAN08008304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Р	La	Cr	Mg	Ва	Ti	в	AI	Na	κ	w	Hg	Sc	TI	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
67060	Rock	0.036	51	23	0.38	44	0.013	3	0.60	0.038	0.29	3.1	<0.01	4.1	1.0	2.47	5	2.1
REP 67060	QC	0.036	54	23	0.39	45	0.013	5	0.62	0.036	0.33	3.1	0.01	4.5	1.0	2.53	5	0.9
Reference Materials																		
STD DS7	Standard	0.071	13	171	1.11	414	0.140	35	1.08	0.066	0.50	3.7	0.19	2.3	3.9	0.18	5	3.4
STD DS7	Standard	0.072	13	181	1.13	407	0.140	40	1.10	0.088	0.48	4.0	0.21	2.3	4.1	0.19	6	3.1
STD DS7	Standard	0.078	11	165	0.99	342	0.111	7	0.96	0.076	0.42	3.7	0.19	2.4	3.9	0.18	5	3.8
STD DS7	Standard	0.074	12	164	1.03	356	0.108	5	0.94	0.072	0.45	3.9	0.20	2.3	4.1	0.18	4	3.5
STD DS7 Expected		0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	4.6	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.074	7	13	0.57	222	0.117	<1	0.94	0.083	0.54	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5
G1	Prep Blank	0.080	7	14	0.63	242	0.114	<1	0.97	0.077	0.56	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5

# AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

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#### **Copper Ridge Exploration Inc.**

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Greg Dawson Submitted By: Canada-Vancouver Receiving Lab: August 15, 2008 Received: September 02, 2008 Report Date: Page: 1 of 2

## VAN08008306.1

#### **CLIENT JOB INFORMATION**

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	7

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
DISP-RJT	Dispose of Reject After 90 days

CERTIFICATE OF ANALYSIS

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

Invoice To:	Copper Ridge Exploration Inc.
	500 - 625 Howe St.
	Vancouver BC V6C 2T6
	Canada

CC:

Gerald G. Carlson

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Client:

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	7	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	7	Dry at 60C		
1DX15	7	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

#### **ADDITIONAL COMMENTS**



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



#### **Copper Ridge Exploration Inc.**

VAN08008306.1

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

September 02, 2008

None Given

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#### 2 of 2 Part 1

## CERTIFICATE OF ANALYSIS

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	М	lethod	1DX15																			
	A	nalyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
67005	Silt		6.8	73.9	42.6	128	0.2	52.6	20.0	1017	1.84	23.3	94.9	2.7	5.4	234	1.6	0.5	0.5	38	0.69	0.105
67006	Silt		3.6	62.8	38.1	95	0.2	33.8	12.8	1385	2.29	56.4	129.2	4.2	8.9	211	0.6	0.5	0.5	38	1.07	0.125
67007	Silt		3.4	31.5	39.3	103	<0.1	19.9	9.5	522	2.22	26.1	52.0	2.0	17.8	143	0.3	0.6	0.4	42	0.91	0.076
67008	Silt		4.9	33.7	45.5	118	<0.1	22.0	10.8	638	2.38	29.9	42.8	2.4	16.5	129	0.3	0.6	0.5	42	0.66	0.074
67009	Silt		1.9	18.3	22.1	69	<0.1	9.7	6.6	819	2.30	27.4	32.8	3.0	21.9	146	0.4	0.3	0.3	45	1.57	0.086
67058	Silt		4.3	80.6	99.8	180	<0.1	64.5	22.0	1080	3.84	29.8	20.3	3.6	46.2	285	0.5	2.0	0.9	55	0.85	0.073
67061	Silt		1.2	67.3	80.7	162	0.1	125.4	23.6	806	3.49	11.6	10.0	5.1	24.6	160	0.5	0.5	0.5	69	0.70	0.130



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2 of 2 Part 2

## CERTIFICATE OF ANALYSIS

		Method	1DX15															
		Analyte	La	Cr	Mg	Ва	Ti	В	AI	Na	ĸ	w	Hg	Sc	TI	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
67005	Silt		97	24	0.37	133	0.018	3	2.51	0.029	0.18	1.7	0.11	1.8	1.0	0.24	8	2.9
67006	Silt		103	21	0.30	85	0.039	5	2.72	0.031	0.16	2.2	0.09	1.5	0.8	0.13	9	4.2
67007	Silt		98	18	0.31	89	0.063	4	2.32	0.028	0.11	3.0	0.03	1.8	0.4	<0.05	8	1.1
67008	Silt		95	20	0.38	101	0.054	3	3.08	0.025	0.12	3.0	0.03	1.9	0.5	<0.05	9	1.4
67009	Silt		78	10	0.19	62	0.094	4	1.81	0.039	0.11	1.7	0.02	1.3	0.3	<0.05	6	1.2
67058	Silt		107	56	1.08	319	0.128	7	3.12	0.093	0.56	2.6	0.02	3.2	0.7	<0.05	12	0.6
67061	Silt		118	110	1.85	337	0.172	4	3.78	0.077	0.57	0.5	0.04	3.2	0.9	<0.05	12	0.6

## VAN08008306.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



19.8

20.9

< 0.1

108.0

109

< 0.1

68.5

70.6

< 0.1

385

411

<1

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Client:

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4.7

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70

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69

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88

86

<2

### **Copper Ridge Exploration Inc.**

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project:

Report Date:

None Given September 02, 2008

Phone (604) 253-3158 Fax (604) 253-1716

Standard

Blank

STD DS7

BLK

STD DS7 Expected

www.acmelab.com

1 of 1 Part 1

#### QUALITY CONTROL REPORT VAN08008306.1 Method 1DX15 Analyte Sb Мо Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Bi v Са Unit ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppb ppm ppm ppm ppm ppm ppm MDL 0.1 0.1 0.1 1 0.1 0.1 0.1 1 0.01 0.5 0.1 0.5 0.1 1 0.1 0.1 0.1 2 0.01 **Pulp Duplicates** 67007 Silt 3.4 31.5 39.3 103 <0.1 19.9 522 2.22 26.1 52.0 2.0 143 0.3 0.6 0.4 42 0.91 9.5 17.8 QC REP 67007 3.6 30.2 39.8 107 <0.1 19.7 9.9 529 2.22 25.2 52.6 2.6 16.7 137 0.3 0.5 0.4 41 0.87 **Reference Materials**

9.0

9.7

< 0.1

640

627

<1

2.41

2.39

< 0.01

47.7

48.2

< 0.5

%

0.001

0.076

0.079

0.072 0.08

<0.001

%

0.88

0.93

<0.01



#### Copper Ridge Exploration Inc.

500 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

None Given September 02, 2008

September 02, 2

www.acmelab.com

1 of 1 Part 2

## QUALITY CONTROL REPORT

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ва	Ti	в	AI	Na	к	w	Hg	Sc	TI	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
67007	Silt	98	18	0.31	89	0.063	4	2.32	0.028	0.11	3.0	0.03	1.8	0.4	<0.05	8	1.1
REP 67007	QC	96	18	0.33	85	0.061	3	2.49	0.031	0.11	3.0	0.03	1.8	0.4	<0.05	8	0.8
Reference Materials																	
STD DS7	Standard	13	171	1.12	411	0.138	38	1.08	0.101	0.52	3.9	0.19	2.6	4.1	0.15	5	3.5
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



## APPENDIX V RECEIPTS

## AURUM GEOLOGICAL CONSULTANTS INC. 106A GRANITE ROAD WHITEHORSE, YUKON Y1A 2V9

#### **INVOICE**

No. KRX08-20 October 24, GST REG# R100341692

In Account With:

Copper Ridge Explorations Inc Suite 500 – 625 Howe Street Vancouver, B.C., V6C 2T6

Attn: Greg Dawson

#### Re: Borealis Project August 1-6<sup>th</sup>, 2008

<u>To:</u>

**Professional Services** 

Rick Zuran, Geologist		
August 1-6, 2008 6 days @ \$700/day	\$	4,200.00
Louise Levesque, Field Assistant		
August 1-6, 2008 6 days @ \$400/day	\$	2,400.00
Sub-Total	\$	6,600.00
GST	<u>\$</u>	330.00
Total	\$	6.930.00

Please remit to:

Aurum Geological Consultants Inc. 106A Granite Road Whitehorse, Yukon Y1A 2V9



#### INVOICE



-8

REF: DATE: 17

935-174 17-Oct-08

TO: Copper Ridge Explorations Inc. 500 - 625 Howe Street Vancouver, British Columbia V6C 2T6

#### Attention: Gerry Carson Project: Borealis

ltem	Description	Rate (\$/day)	Time (days)	Sub-total
1	Data Preparation - Collecting data from FTP	\$800	0.25	\$200.00
3	Interpretation - Review of available geology - Structural interpretation of area - Target analysis - Preparation of interpretation report	\$800	1.25	\$1,000.00
	- He was a second and a second			
		Sub-totals		\$1,200.00
	GST # 86106	3618RT0001	5% GST	\$60.00
	Payable to: Balch Exploration Co	Total	\$1,260.00	

#### BALCH EXPLORATION CONSULTING INC, 11500 FIFTH LINE, ROCKWOOD, ONTARIO, NOB 2KO

## INVOICE

#### **INVOICE #2179**

TO: Copper Ridge Explorations Inc. Suite 500 – 625 Howe Street Vancouver, BC V6C 2T6

Attention: Accounts Payable

DATE OF INVOICE: August 10, 2008

## **RE:** Helicopter Charter

	ТОТ	AL HOURS:	6.6		
Aug. 04/05, 2008	Ticket #6196	HOURS:	4.9	FEES:	<u>\$ 6,370.00</u>
Aug. 03, 2008	Ticket #6146	HOURS:	1.7	FEES:	\$ 2,210.00

BORGALIS 2742

SUBTOTAL:	\$10,005.60
FUEL:	<u>\$ 1,425.60</u>
TOTAL FEES:	\$ 8,580.00

GST #128659828 @ 5%: <u>\$ 500.28</u>

**BALANCE DUE:** 

<u>\$10,505.88</u>

#### PAYMENT DUE UPON RECEIPT

THANK YOU

Terms: 2% interest per month will be charged after 30 days of invoice date.

**Confidential Contract** 

WHITEHORSE DAWSON CITY 867-668-5888 & 867-993-5700 fax: 867-668-7875 fax: 867-993-6839 Box 26, Whitehorse, Yukon Y1A 5X9

10 Bokalis.

#### Eldorado Hotel P.O. Box 338 902 Third Avenue Dawson City, YT Y0B 1G0 Telephone: 867-993-5451 Fax: 867-993-5256

Joanna Hodge Copper Ridge Explorations Suite 500-625 Howe Street Vancouver, B.C. V6C 2T6 

 Page #
 1

 Res. #
 006962

 Checked in
 Sat Aug 2/08 - 10:27 pm

 Checked out
 Thu Aug 7/08 - 12:15 pm

 Nights
 5

 Room Rate
 159.00

 Room
 206

Date $4ug02$	Description	Reference		Charges	Credits
Aug02	GST			7.05	
Aug03	Bonanza Dining Room Charge	346540		12 20	
Aug03	Bonanza Dining Room GST Charge	346540		0.61	
Aug03	Bonanza Dining Room Charge	346539		38.00	
Aug03	Bonanza Dining Room GST Charge	346539		1 00	
Aug03	Special Rate	540557		150.00	
Aug03	GST			7.05	
Aug03	Bonanza Dining Room Charge	346584		60.85	
Aug01	Bonanza Dining Room GST Charge	346584		3.04	
Aug04	Special Rate	540504		150.00	
Aug04	GST			7 95	
Aug05	Bonanza Dining Room Charge	346721		13 70	
Aug05	Bonanza Dining Room GST Charge	346721		0.69	
Aug05	Bonanza Dining Room Charge	346721		33.95	
Aug05	Bonanza Dining Room GST Charge	346721		1.70	
Aug05	Special Rate			159.00	
Aug05	GST			7.95	
Aug06	Bonanza Dining Room Charge	346768		35.20	
Aug06	Bonanza Dining Room GST Charge	346768		1.76	
Aug06	Bonanza Dining Room Charge	346764		8.95	
Aug06	Bonanza Dining Room GST Charge	346764		0.45	
Aug06	Special Rate			159.00	
Aug06	GST			7.95	
Aug07	Long Distance Charges	6046880833-0925-24		14.04	
Aug07	GŠT	6046880833-0925-24		0.70	
Aug07	Bonanza Dining Room Charge	346913		9.30	
Aug07	Bonanza Dining Room GST Charge	346913		0.47	
Aug07	Bonanza Dining Room Charge	346911		59.95	
Aug07	Bonanza Dining Room GST Charge	346911		3.00	
Aug07	PAID BY MASTERCARD - Thank you				1135.21
			0.00	1135.21	

Thank you for staying with us Please call 1-800-764-3536 for your next reservation WE ARE NORTHERN HOSPITALITY!

Our G.S.T. # is R101296747

#### Eldorado Hotel P.O. Box 338 902 Third Avenue Dawson City, YT Y0B 1G0 Telephone: 867-993-5451 Fax: 867-993-5256

Joanna Hodge Copper Ridge Explorations Suite 500-625 Howe Street Vancouver, B.C. V6C 2T6 

 Page #
 2

 Res. #
 006962

 Checked in
 Sat Aug 2/08 - 10:27 pm

 Checked out
 Thu Aug 7/08 - 12:15 pm

 Nights
 5

 Room Rate
 159.00

 Room
 206

Date Description

Reference

Charges

Credits

<u>Charge Summary:</u> GST

40.45

#### Eldorado Hotel P.O. Box 338 902 Third Avenue Dawson City, YT Y0B 1G0 Telephone: 867-993-5451 Fax: 867-993-5256

Rick Zuran	Page #	1
Copper Ridge Explorations	Res. #	006964
Suite 500-625 Howe Street	Checked in	Sat Aug 2/08 - 10:28 pm
Vancouver, B.C.	Checked out	Thu Aug 7/08 - 12:15 pm
V6C 2T6	Nights	5
	Room Rate	159.00
	Room	204

Date Aug01	Description Faxes		Reference		Charges 5.00	Credits
Aug01	GST				0.25	
Aug02	Special Rate				159.00	
Aug02	GST				7.95	
Aug03	Special Rate				159.00	
Aug03	GST				7.95	
Aug04	Special Rate				159.00	
Aug04	GST				7.95	
Aug05	Special Rate				159.00	
Aug05	GST				7.95	
Aug06	Special Rate				159.00	
Aug06	ĜST				7.95	
Aug07	PAID BY MAS	TERCARD - Thank you				840.00
				0.00	840.00	840.00

*Thank you for staying with us Please call 1-800-764-3536 for your next reservation WE ARE NORTHERN HOSPITALITY!* 

Our G.S.T. # is R101296747

<u>Charge Summary:</u> GST

40.00

#### Eldorado Hotel P.O. Box 338 902 Third Avenue Dawson City, YT YOB 1G0 Telephone: 867-993-5451 Fax: 867-993-5256

Scott K Copper Suite 50 Vancou V6C 27	Tingston Ridge Explorations 00-625 Howe Street Iver, B.C. 16	4.,	Page # Res. # Checked in Checked out Nights Room Rate Room	1 006963 Sat Aug 2 Thu Aug 5 159.00 203	2/08 - 10:27 pm 7/08 - 12:15 pm	
Date Aug02 Aug03 Aug03 Aug04 Aug04 Aug04 Aug05 Aug05 Aug06	Description Special Rate GST Special Rate GST Special Rate GST Special Rate GST	Refere	ence		Charges 159.00 7.95 159.00 7.95 159.00 7.95 159.00 7.95 159.00 7.95	Credits
Aug00 Aug07	PAID BY MASTERCARD - Thank you				1.90	834.75
				0.00	834.75	834.75

*Thank you for staying with us Please call 1-800-764-3536 for your next reservation WE ARE NORTHERN HOSPITALITY!* 

*Our G.S.T.* # *is R101296747* 

<u>Charge Summary:</u> GST

39.75

A COL		^	
P	2740	SOURDOUGH JO RESTAURAN DAWSON CITY, YUKO SOURDOUGH JO RESTAURAN	DE'S
TRANSACTION RECORD	TRANK YEAL	DAWSON CITY, YUKON	l
THE CHEF AND THE RED H 11 FRONT STREET YOB1GO DAWSON CITY YT		CHECK REPRINT#2 08/05/2008 00002 #3813 8:30PM	BILL#6469 amy0007
21225052 HIH PURCHASE HIH 0 06-2008 08:16:19 2 # HIH 0 06-2008 08:16:19 2 # HIH 0 06-2008 08:16:19 2 # HIH 1 # H	00-04-00 4*00-56 27.25 26.50 27.25 27.25 27.25 27.25 22.00 23.75 23.00	PRE BAL J.T. RED WINE 2Pc HALBUT/FRIES 1Pc HALBUT/FRIES BOWL SOUP JOE BURGER/FRIES CHEESE SIDE GREEN SALAD CROISANT FRIES BREAD PUDDING	TBL#8 \$0.00 \$21.95 \$15.95 \$10.95 \$4.95 \$9.50 \$1.00 \$3.95 \$12.95 2 @ \$3.95 \$7.90
Retain this copy for your records Customer copy	2 2.00 2 2.25 2 2.25 2 2.25 2 2.25 2 2.25 2 2.25 48.00 ◊ 48.00 ◊	BAL FWD MDSE ST GST ITEMS ***TOTAL	\$89.10 \$89.10 \$4.46 100 \$93.56
	*01.23	PLEASE PAY YOUR SE	RVER

BEST FOOD IN TOWN PLEASE PAY YOUR SERVER We hope you enjoyed yourselves and invite you to return.

Term 10: 001 R-f #: 054 Sale Juci  $\subset$ XXXXXXXXXXXXXXXX5907 Entry Method: Swiped DEBIT

Acct Type: Chequing

02/05/08		<b>.</b>
Inv #: 000039 Apprvd	Appr L Batch	
Trace: 00269277 Retrieval Ref.W: 0000	0011	
Amount:	\$	93.56
Tip:	\$	10.00
Total:	\$	103.56

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## SALE

MID: 0120584450 TID: 0089250008012058445000 Entry Method : S REF #: 31 2008/08/07 15:58:51 Trace:042

#### APPROVED

Appr Code: 155851 MASTERCARD \*\*\*\*\*\*\*\*\*\*\*\*\*7942

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#### AMOUNT

\$166.13

CARDHOLDER ACKNOWLEDGES RECEIPT OF COODS AND/OR SERVICES IN THE ANOUNT OF THE TOTAL SHOWN HEREON LE TITULAIRE DE LA CARTE AVOIR RECU DES MARCHANOISES OU SERVICES POUR LE MONTANT CO-DESSOUS

#### THANK YOU/MERCI

CUSTOMER COPY



TRANSACTION RECORD 080804/28:01 INTERAC DIRECT PAYMENT

#### KLONDIKE KATE'S REST'NT BOX 417 DAUSON CITY YUKON TERRITORY Y06160

TERN ID: 02317622 MED: 06259804 CARD # 4536057067655907 ACCT TYPE: CHEOUING TRAN REC #0009692 ANOL

PURCHASE AMOUNT \$110.25

TIP: \$12.00

TOTAL: \$122.25

(000) APPROVED - THANK YOU AUTH #829367

BONANZA MARKET Dawson City, Yukon 1 867 993 6567 GST# 872694823

GROC TX I 4.29 GROC 2.29 GROC 2.29 PRODUCE 1.94 PRODUCE 14.77 GROC 3.49 PRODUCE 1.22 GROC 0.99 GROC 0.99 GROC TX I 3.49 GROC TX I 3.49GROC TX I 3.49 GROC TX I 3.49 GROC TX I 3.49 GROC TX I 3.49 GROC TX I 2.99 GROC TX T 3.99 GROC TX I 3.49 GROC TX I 1.25 GROC TX T 4.99 40 @1.49 GROC 5.96 PRODUCE 4.73 4Q 00.49 GROC 1.96 GROC TX I 2.99PRODUCE 4.93 SUB-TTL 90.49 ITEM CT 31 GST 2.24 DEBIT 92.73 04-08-2008 PM 05:49 3957

#### CLERK36



KLONDIKE KATE'S CABINS & RESTAURANT 3rd Avenue & King Street Box 417, Dawson City, Yukon YOB 1GO (877) 993-6527 Email: info@klondikekates.ca

www.klondikekates.ca GST #894206697

DONHNZH HHKKET 2ND AVE & PRINCESS ST DAWSON, YT Y0B1G0 867-993-6567

Merchant ID: 000010058520 Term ID: 003

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Total:	\$	92.73

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Ş	AUDO TH AVE & HA DAWSON ( YOB (867)99	ARPER STR ITY, YT 1G0 93-6860	EE
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THE CHEF AND THE RED H 11 FRONT STREET YOB1GO DAWSON CITY YT 50147830
HIH PURCHASE
08-04-2008 08:00:08
Acct #
Exp Date 10/09 Card Type MC
Name: JOANNA HODGE
Trace # 840004
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Auth # 110009 RRN 001084004

Total \$46.25

Customer copy

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THE CHEF AND THE RED H
11 FRONT STREET YOB1GO
DAWSON CITY YT
50147830
PURCHASE
08-03-2008 02-02-50
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Trace # 830017 F52122505201
Auth # 110250 RRN 001083017
Total \$36.75
Customer copy

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AUTH 153141

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ID: B4694279 STORE 4694279 SLIP#: 9662

SALE

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APPROVED

AUG 7 2008

## 2424

BONANZA KLONDI KM 712 KLONDIKE HIGHWAY DAWSON CITY,YT YOB 1GO 867-993-5142

## SALE

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APPROVED

Appr Code: 111128 MASTERCARD \*\*\*\*\*\*\*\*\*\*\*\*7942

#### AMOUNT

\$50.38

11:11:27

CARDHOLDER ACKNOWLEDGES RECEIPT OF GOODS AND/OR SERVICES IN THE AMOUNT OF THE TOTAL SHOWN HEREON LE TITULAIRE DE LA CARTE AVOIR RECU DES MARCHANDISES OU SERVICES POUR LE MONTANT CLIMESSOUS

THANK YOU MERCI

CUSTOMER COPY

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Acme Analytical Laboratories (Vancouver) Ltd. 1020 Cordova St. East Vancouver, BC Canada V6A 4A3 Phone 604 253 3158 Fax 604 253 1716 GST # 843013921 RT

Bill To: Copper Ridge Exploration Inc. 500 - 625 Howe St. Vancouver, BC V6C 2T6 Canada

Invoice Date: Invoice Number: VANI012868 Submitted by: Job Number: Order Number: Project Code: Shipment ID: Quote Number:

September 20, 2008 Greg Dawson VAN08008306 None Given

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	7	\$2.03	\$14.21
2	RJSV	Saving all or portion of soil reject	7	\$1.80	\$12.60
3	G1DX-15G	15g Aqua Regia digestion ICP-MS	7	\$16.43	\$115.01
4	STOR-PLP	3 months of pulp storage	7	\$0.43	\$3.01
5	DIS-PLP	Warehouse disposition of pulps	7	\$0.09	\$0.63
6	DIS-RJT	Warehouse disposition of reject	7	\$0.23	\$1.61
P	DSTED	2760			
Prices r	eflect discount of 10% w	here applicable.	Net Total		\$147.07
			Canadian GST		\$7.35
			Grand Total	CAD	\$154.42
-		Investore Otated In Concellan Delle	-		

Invoice Stated In Canadian Dollars

#### Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd. Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds: Acme Analytical Laboratories (Vancouver) Ltd. The Royal Bank of Canada 400 Main Street Vancouver, BC Canada V6A 2T5 Account # 1034123 Bank Transit # 07120-003 Swift Code: ROYCCAT2

For payment in US Funds: Acme Analytical Laboratories (Vancouver) Ltd. The Royal Bank of Canada 400 Main Street Vancouver, BC Canada V6A 2T5 Account # 4001533 Bank Transit # 07120-003 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.



Acme Analytical Laboratories (Vancouver) Ltd. 1020 Cordova St. East Vancouver, BC Canada V6A 4A3 Phone 604 253 3158 Fax 604 253 1716 GST # 843013921 RT

Bill To: Copper Ridge Exploration Inc. 500 - 625 Howe St. Vancouver, BC V6C 2T6 Canada



Invoice Date: Invoice Number: VANI012865 Submitted by: Job Number: Order Number: Project Code: Shipment ID: Quote Number:

September 20, 2008 Greg Dawson VAN08008304 None Given

Item	Package	Description	Sample No.	Unit Price	Amount
1	R150	Crush and Pulverize Rock & Drill Core	15	\$6.17	\$92.55
2	R150	Overweight prep charges per 100g	94	\$0.14	\$13.16
3	G1DX-15G	15g Aqua Regia digestion ICP-MS	15	\$16.43	\$246.45
4	STOR-PLP	3 months of pulp storage	15	\$0.43	\$6.45
5	DIS-PLP	Warehouse disposition of pulps	15	\$0.09	\$1.35
6	DIS-RJT	Warehouse disposition of reject	15	\$0.23	\$3.45
Prices r	effect discount of 10% w	27¢	Net Fotal		\$363.41
Filces n	enect discount of 10% w	nere applicable.	ince i otal		φ0001
			Canadian GST		\$18.17
			Grand Total	CAD	\$381.58

Invoice Stated In Canadian Dollars

#### Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd. Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds: Acme Analytical Laboratories (Vancouver) Ltd. The Royal Bank of Canada 400 Main Street Vancouver, BC Canada V6A 2T5 Account # 1034123 Bank Transit # 07120-003 Swift Code: ROYCCAT2

For payment in US Funds: Acme Analytical Laboratories (Vancouver) Ltd. The Royal Bank of Canada 400 Main Street Vancouver, BC Canada V6A 2T5 Account # 4001533 Bank Transit # 07120-003 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.



Acme Analytical Laboratories (Vancouver) Ltd. 1020 Cordova St. East Vancouver, BC Canada V6A 4A3 Phone 604 253 3158 Fax 604 253 1716 GST # 843013921 RT

Bill To: Copper Ridge Exploration Inc. 500 - 625 Howe St. Vancouver, BC V6C 2T6 Canada

Invoice Date: Submitted by: Job Number: Order Number: Project Code: Shipment ID: Quote Number:

September 20, 2008 Invoice Number: VANI012867 Greg Dawson VAN08008305 None Given

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	6	\$2.03	\$12.18
2	RJSV	Saving all or portion of soil reject	6	\$1.80	\$10.80
3	G1DX-15G	15g Aqua Regia digestion ICP-MS	6	\$16.43	\$98.58
4	STOR-PLP	3 months of pulp storage	6	\$0.43	\$2.58
5	DIS-PLP	Warehouse disposition of pulps	6	\$0.09	\$0.54
6	DIS-RJT	Warehouse disposition of reject	6	\$0.23	\$1.38
Prices re	eflect discount of 10% w	here applicable.	ZT 6	0	\$126.06
		entancepone contraction de la			
			Canadian GST		\$6.30
			Grand Total	CAD	\$132.36

Invoice Stated In Canadian Dollars

#### Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd. Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds: Acme Analytical Laboratories (Vancouver) Ltd. The Royal Bank of Canada 400 Main Street Vancouver, BC Canada V6A 2T5 Account # 1034123 Bank Transit # 07120-003 Swift Code: ROYCCAT2

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