ASSESSMENT REPORT ON THE

2007 Diamond Drilling and Soil Geochemical Program

LUCKY JOE PROJECT

Work carried out on the following claims:

Grant Number	Claim Name
YC21263	LJ 32
YC21265	LJ 34
YC21267	LJ 36
YC21087	Lucky 4
YC21094	Lucky 11

June 4 to July 27, 2007

Dawson Mining District
NTS 115O/11&12
63° 35'N – 139° 30'W
Yukon Territory

By

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1.0 SUMMARY

The Lucky Joe property consists of 548 contiguous claims in the Dawson Mining District of west central Yukon covering the Burmeister copper-molybdenum prospect, Minfile 115O 051. The claims are 100% owned by Copper Ridge Explorations Inc., subject to royalties and share issuances to the underlying vendor. The 2007 exploration program comprised 13 diamond drill holes for a total of 2399 metres (one of which did not reach bedrock) that targeted the Ryan's Creek coincident soil and geophysical anomaly and followed up on targets identified in the 2006 diamond drilling program, and a 238 sample soil geochemistry program, which infilled and extended previous geochemical programs. The diamond drilling and soil sampling programs were both completed between June 4th and July 27th.

Best results from the drill program include 7.3m at 0.905% Cu and .5 g/t gold (LJ07-19), 26.6m at 0.152% Cu (LJ07-18) and 15.3m at 0.176%Cu (LJ07-22). Those results define a copper-gold mineralized horizon that extends for at least 1,500 m and possibly greater than 3,500 m in strike length when 2006 hole LJ06-09 is included. The horizon is defined by disseminated to blebby pyrite mineralization throughout the host quartz-biotite-chlorite schist. Copper mineralization, with associated elevated gold values, occurs within this horizon as malachite near the upper sections and as disseminated to blebby chalcopyrite at depth.

Mineralized intersections in all holes occurred immediately east of a strong chargeability anomaly and correlated directly with a sharply defined copper-gold soil anomaly. Hole LJ07-19 was the most southerly effective drill hole of the current program and in conjunction with other results from this and previous drilling programs indicates that gold values are increasing to the south along the Ryan Trend structure.

Hole 21 was collared 2,000 m to the south of hole LJ 07-19 to follow up the copper-gold intersection in hole LJ06-09 discovered in 2006. Due to insufficient casing, this hole was unable to penetrate the very broken and sandy material that occurs above bedrock in this area. Therefore, the intersection in hole LJ06-09 remains open in all directions. The 2007 drilling program confirmed the presence of copper-gold mineralization along the Ryan trend, identified initially by a single drill hole during the 2006 program, and indicate the presence of a potentially large bulk tonnage low grade copper-gold mineralized system with significant strike length. A 1200 metre drill program with a budget of $420,000 is proposed to follow up depth and strike extensions of mineralization identified in the 2006 and 2007 field seasons.

2.0 INTRODUCTION

2.1 Terms of Reference and Participating Personnel

This report summarizes the results of a 2399 metre diamond drilling program and 238 sample soil geochemistry program conducted on the Lucky Joe property during summer of 2007. Both programs were funded and operated by Copper Ridge Explorations Inc. Total expenditures for the contract drilling, helicopter support, geological and logistical support being applied as assessment to the Copper Ace South claims is $792,700. The authors of this report have visited the property numerous times during the 2002, 2003, 2005, 2006 and 2007 field seasons, and supervised the 2007 drilling and geochemical program.

Prospector Drilling of Ste. Rose Du Lac, Manitoba provided the drilling services. Fireweed Helicopters and TransNorth Helicopters provided air transportation and support. Geological and logistical support for the drilling program was provided by Copper Ridge Explorations Inc staff. Eco Tech Laboratories of Kamloops, British Columbia completed the assays.

2.2 Source Documents

This report incorporates data from historical work by Copper Ridge in 2002 and 2006 and by Kennecott in 2003 and 2005. Also, historical work described in previous assessment work reports by Riocanex filed with government agencies has been referenced. This work is supported by historical and current regional geological and geophysical studies carried out by the Geological Survey of Canada and the Yukon Geological Survey as reported in the References section.

3.0 PROPERTY DESCRIPTION AND LOCATION

The project area consists of a contiguous claim group of 548 quartz claims. The claims are situated along a northwest-southeast trend just east of the Yukon River, south of Dawson City. The Lucky Joe group includes seven claims optioned from Silver Standard along with 541 LJ and Lucky Joe claims optioned from Shawn Ryan. Both claim groups are now owned 100% by Copper Ridge.

3.1 Location and Access

The northern boundary of the project area is located approximately 42 km south-southwest of Dawson City, Yukon Territory (Fig. 1) on NTS Map Sheet 1150/11 and 1150/12. The project area extends for 24 km in a northwest-southeast direction and averages about 14 km in width. The nearest road access to the property is some 20 km to the northeast or 10 km to the east. A bulldozer trail, constructed in the early 1970's, leads into the headwaters of Lucky Joe Creek from a point of origin near the confluence of Quartz Creek and the Indian River. Access to the property for the current program was by helicopter from Dawson City and from a base camp that was leased from Bolder Mining on Indian River near the mouth of Quartz Creek.

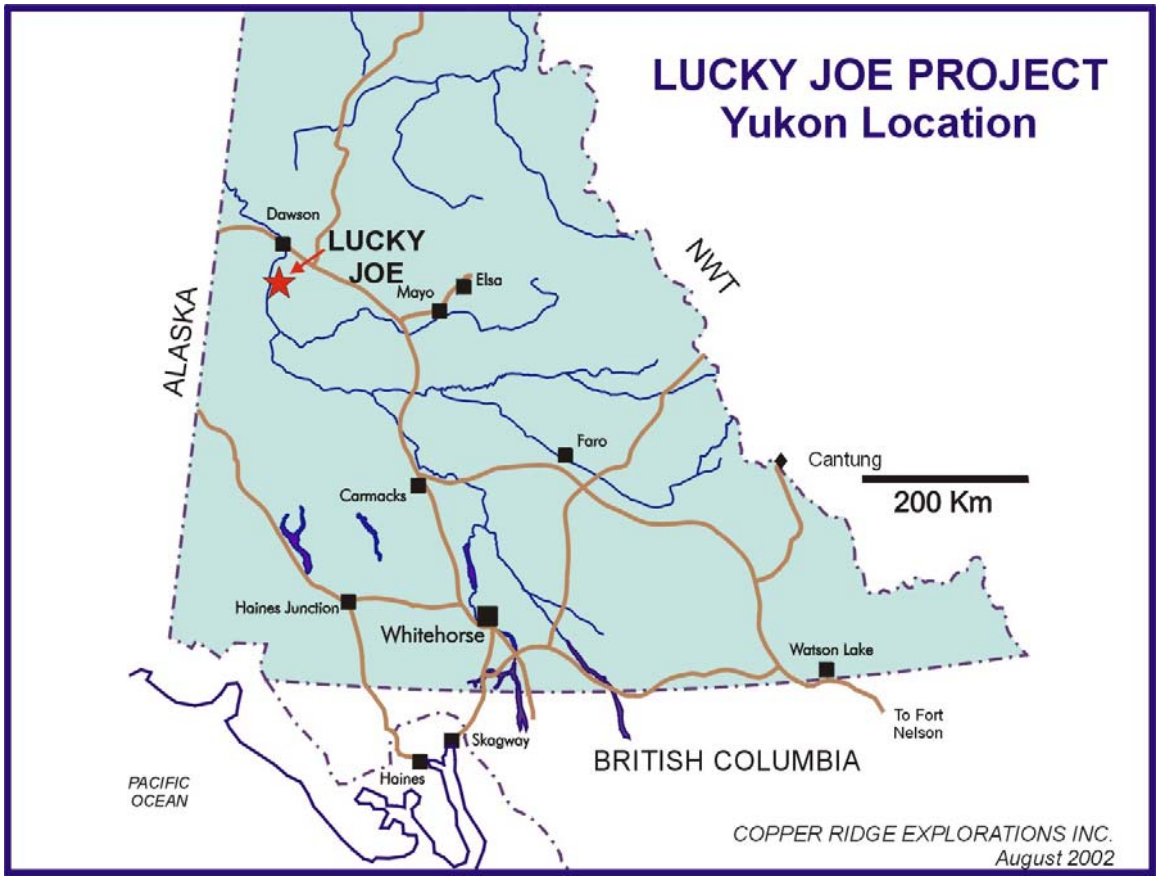


Figure 1. Lucky Joe location map.

3.2 Physiography and Climate

The Lucky Joe Project lies within the physiographic province known as the Yukon-Tanana Upland. This region consists of a maturely dissected plateau that had only minor alpine glaciation during the Pleistocene. The lack of glaciation resulted in thick soil accumulations and extensive vegetation cover contributing to very scant bedrock exposure throughout much of the claim group. Local eolian deposits (loess) have accumulated on some slopes and low-lying areas. Much of the property is densely forested with upper slopes and south facing slopes covered by thick stands of white spruce, paper birch, and quaking aspen. Black spruce forests are prominent on most north facing slopes, and on slopes with impeded soil drainage throughout the area. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush" (alder), dwarf willow and moss. Upland soils that support spruce-hardwood forests are well drained. The entire area is underlain by discontinuous permafrost. In spite of the vegetative cover, evidence of active solifluction is fairly common. Topography in the region is typical of an incised peneplain with steep hillsides and rounded crests. Relief is low to moderate with elevations ranging from 350-1200 m (1100 to 3900 ft).

Rock outcrop is restricted to ridges, small cliffs and creek bottoms. Outcrop exposure represents approximately 5 percent of the property. Soils consist of talus fines and colluvium. Colluvium veneer is the most common cover on the property, averages 1-2 m

thick while colluvium blanket material averages >3 m thick. Colluvium conforms to bedrock topography and is composed of diamicton, rubble, and organic-rich silt and sand derived from bedrock sources by a variety of slope processes. Valleys are filled with alluvium and locally form terraces up to 20 m thick.

The region can be characterized as having a semi-arid, sub-arctic climate with long, severely cold winters and short, hot summers. Annual precipitation ranges from 25 to 43 cm (10- 17 inches) with the heaviest amounts occurring in late summer. Average snowfall ranges from 120 to 250 cm (47 to 98 inches).

3.3 Land Tenure

The Lucky Joe Property covers an area of approximately 11,000 hectares and consists of a total of 548 unsurveyed, two-post Yukon Quartz claims (see Figure 2 and Table 1).

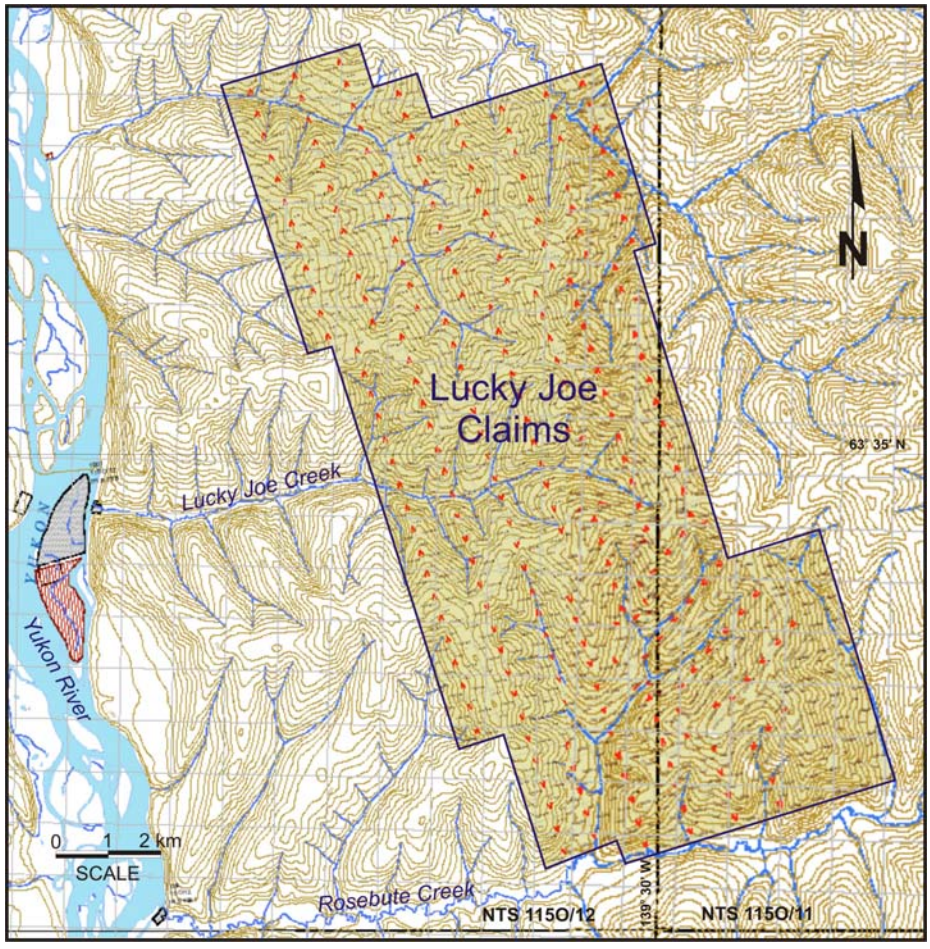


Figure 2. Lucky Joe claim group.

The claims were staked according to the Yukon Quartz Mining Act and are located in the Dawson Mining District. Expiry dates shown are subject to acceptance of assessment covered by this report.

The claims are located on claim sheets 115O-11 and 115O-12, 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 Copper Ridge Explorations Inc., subject to royalties and additional share issuances to the underlying property vendor.

Table 1. Lucky Joe claims

Grant Number	Claim Name	Claim Number
Y 56956	B No.	1
Y 56957	B No.	2
Y 56960	B No.	5
Y 56961	B No.	6
Y 99884	Ash	2
Y 99886	Ash	4
YA29800	Tar	1
YC20828-YC20875	Lucky Joe	1-48
YC21084- YC2109	Lucky	1-12
YC21232-YC21399	LJ	1-168
YC21400-YC21441	LJ	229-270
YC21472-YC21531	LJ	169-228
YC21906-YC21919	LJ	271-284
YC21920-YC21927	LJ	333-340
YC21928-YC21931	LJ	381-384
YC22074-YC22121	LJ	285-332
YC22122-YC22161	LJ	341-380
YC22162-YC22218	LJ	385-441
YC28403-YC28407	LJ	442-446
YC28408	LJ	448
YC28409-YC28442	LJ	450-483

4.0 HISTORY

The Dawson Syndicate (Silver Standard Mining Limited and Asarco) discovered the Lucky Joe prospect in 1970as a result of a regional reconnaissance stream sediment geochemical survey. Soil grid sampling and dozer trenching on claims staked in the headwaters of Lucky Joe Creek followed, and the following year Silver Standard drilled three shallow holes in the trenched areas, two of which ended in rock grading 0.37% Cu (Au was not analyzed). Riocanex (Rio Tinto Canadian Exploration Inc.) acquired the property in 1975 under an option agreement with Silver Standard and commenced a 3-year exploration program that included geological mapping, soil geochemical grid sampling, ground magnetics, Max-Min electromagnetic surveys, Induced Polarization (IP) surveys and diamond drilling. During the course of the program the claim group was greatly expanded and two additional targets were identified and tested. Riocanex drilled a total of 12 holes into 3 target areas that combined for 2,427.1 m. More than half of these holes were concentrated on the Lucky Joe prospect where low-grade Cu mineralization that appeared to be stratiform, was intersected in several holes. The

remaining holes were drilled on outlying targets in an attempt to find higher-grade mineralization. All of these latter holes returned low copper values and subsequent exploration suggests that they were improperly targeted.

In 2001 Shawn Ryan, a local prospector, compiled all of the available Riocanex data and reviewed this in combination with the recent release of a low level airborne aeromagnetic survey conducted jointly by the Geological Survey of Canada and the Yukon Geology Survey (Shives et al., 2001). He noticed a relationship between the copper in soil anomalies with a long, linear trending magnetic high and tested the relationship with soil sampling and by digging test pits. Positive results both along strike and within the immediate area resulted in Ryan and his crew staking a small claim group.

In 2002 Copper Ridge optioned the claims staked by Ryan plus the remaining seven of the original claims from Consolidated Silver Standard Resources Inc., carried out a geochemical soil survey consisting of 1430 samples and staked additional claims. Kennecott conducted an evaluation of the property in 2002, which included re-analysis of select pulps from the Copper Ridge soil samples. During October 2002, Kennecott undertook a soil and stream sediment orientation survey at the Lucky Joe and Ryan Creek prospects, and used he results of this survey to set up a geochemical protocol for the 2003 soil sampling program. In January 2003 Kennecott optioned the land package from Copper Ridge.

In 2003, Kennecott completed a helicopter supported geochemical and geological exploration program over the Lucky Joe claim group as well as reconnaissance sampling and mapping over adjacent area with similar geology and mineral potential. At Lucky Joe, the soil sampling extended from the known Lucky Joe deposit, explored by Silver Standard and Riocanex in the 1970's, and expanded soil surveys completed by Copper Ridge the previous year. In 2005, Kennecott completed a 7.4 km IP survey and a five hole, 1,035.1 m diamond drill program The IP survey identified two large and strong chargeability anomalies along a baseline oriented in a north westerly direction through the centre of the Bear Cub anomaly. The drilling tested an approximately 3.5 km length of the main Papa Bear copper-gold soil anomaly, which has dimensions of over 11 km long by 2 to 2.5 km in width. The drilling confirmed the presence of porphyry style copper mineralization over a broad area, but with low grade copper and gold values (Carlson, 2006).

The first government geological investigation in the Lucky Joe Project area was by H.S. Bostock starting in 1935 (Bostock, 1942). More recently the area was mapped at 1:100,000 scale as part of a Geological Survey of Canada NATMAP project (Ryan and Gordey, 2004).

5.0 GEOLOGICAL SETTING

The Lucky Joe property lies between the Tertiary (?) age, northwest-trending, crustal-scale Tintina and Denali faults within the Omenica belt (Wheeler and McFeely, 1991). The lithotectonic (pre-accretion) Yukon-Tanana terrane (YTT) assemblage, a medium to high grade, polydeformed metasedimentary and meta-igneous rock package of Paleozoic

age underlies this region. More locally, the YTT comprises two main supracrustal assemblages: (1) the Devonian-Mississippian Pelly Gneiss; and (2) the lower YTT terrane rocks comprising Devonian and older quartz-rich rocks, amphibolite, mica schists and minor marble. Ultramafic rocks are also found across the region and are predominantly amphibolite facies metagabbro, metapyroxenite (now actinolite) and rare serpentinite. These rocks were previously included with the Paleozoic Slide Mountain Terrane (Mortensen, 1996) but this is now questionable and their origins remain undetermined (Ryan and Gordey, 2003). Jurassic quartz monzonite bodies intrude the YTT. Unmetamorphosed post accretionary volcano-sedimentary units of mid to Late Cretaceous age (Mortensen, 1996) unconformably overly the YTT.

5.1 General Property Setting

Riocanex mapped the property during the course of their programs during the period 1975 to 1978 (McClintock, 1976, 1979). McClintock (1976, 1979) observed an upward-fining sequence of metamorphosed volcanic and sedimentary rocks, at least 2,000 m thick, which underlay the property. Within the sequence he defined a stratigraphic series that he broke down into five major groups:

I. Intercalated quartzite, biotite-quartz gneiss with minor biotite-muscovite schist and calc-silicate marbles.

II. Intercalated biotite-muscovite and quartz-muscovite schist, minor graphite schist.

III. Interbedded biotite-feldspar gneiss and amphibolites, with up to 3% magnetite.

IV. Amphibolite.

V. Sub-gneissic textured biotite-feldspar schist and quartz-feldspar gneiss.

McClintock (1976, 1979) interpreted that the sequence resulted from sedimentation in a deepening basin, with mafic volcanism becoming more prevalent as the basin deepened and clastic sediments becoming more feldspathic as a result. The sequence was subsequently buried, subjected to regional metamorphism and deformation and intruded by a coarse grained quartz monzonite, which is also foliated parallel to the foliation of the schists and gneisses. Unfoliated leucocratic granite was mapped in the west and southwest of the map area. Riocanex interpreted this sequence to have undergone at least two phases of deformation, including large scale isoclinal, recumbent folds with a northwest-trending axis subsequently re-folded into a series of smaller scale northwest-trending antiforms and synforms.

Kennecott re-mapped the property in 2003, with more of a focus on the Bear Cub Zone than on the original Lucky Joe deposit and found a greater influence of igneous rocks in the overall geologic succession. Franklin et al. (2003) identified three principal layered rock units that underlie the area of interest. From oldest to youngest these are (1) a metaclastic unit, which comprises a range of protoliths including arkosic greywacke, quartz sandstone, arkose, and shale; (2) a laminar-foliated unit composed predominantly of felsic volcanics, altered rhyolitic to latitic tuffs, and local arkosic sediments; and (3) an

amphibolitic unit composed of mafic to intermediate volcanics that are locally tuffaceous, and interbedded clastic sediments (Fig. 3). Additional mappable units on the property include quartzite, carbonate, skarn and a crystalline quartz feldspar rock that may be a variation of the either the amphibolite or the laminar foliated units.

Franklin et al (2003) interpreted two distinct plutonic suites to have intruded the above rocks; a biotite-bearing granodioritic orthogneiss (Eastern-class) and a leucocratic metagranite (Western-class). The former intrusion is of batholithic-scale, and occurs widely upon the Lucky Joe property as well as extensively to the east. This intrusion has been shown as Pelly Gneiss on past regional maps. These two intrusive suites have clear lithogeochemical, mineralogical, and textural contrasts. The older "Eastern-class" intrusions consist of gneissic-textured biotite-rich rocks with an average composition of granodiorite, and possibly of quartz monzonite composition prior to mineral redistribution during metamorphism. The younger (?) "Western-class" intrusive suite consists of weakly foliated leucocratic rock of original granite composition. At least a portion of known alteration and mineralization occurs spatial to the Western-class intrusions, which are enriched in Al and Na and depleted in K and a host of other elements. While it is not proven that the Western-class intrusions are the source of mineralization, they appear to have been within the most vigorous portion of the alteration pathway. All of the major units and intrusive suites can be typed and correlated based upon major oxide analyses. Further, the nature of alteration associated with mineralization can be quantified. A comparison of fresh Eastern-class meta-intrusions with hydrothermally altered Eastern-class meta-intrusions demonstrates an overall increase in K and decrease in Ca. Franklin et al (2003) conclude that the combined data support deeper level and/or higher temperature sodic alteration and higher level and/or lower temperature potassic alteration in the Lucky Joe mineralized systems. In addition to the geochemical suite, the distribution of hydrothermal alteration mineralogy does not support the sedimentary model historically proposed for the Lucky Joe prospect. In fact, a significant proportion of the alteration and mineralization is hosted within meta-intrusions.

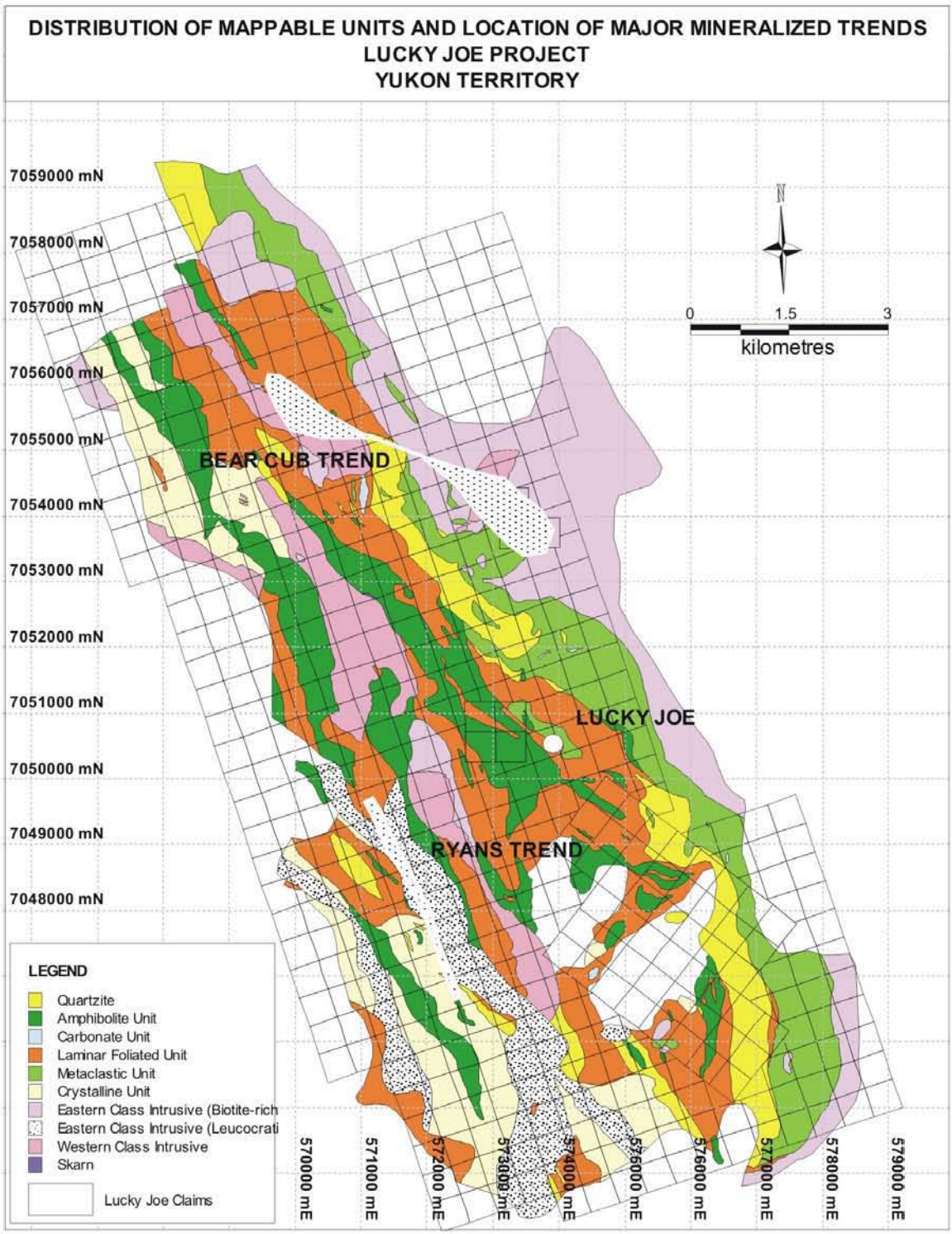


Figure 3. Lucky Joe property geology and main mineralized zones.

5.2 Structure

Regionally the area has been subject to major ENE-WSW compression and the general assumption is that most major structures should be ENE-verging. The rocks could have

been metamorphosed during the Devono-Mississippian, Permian, and/or Jurassic (?) periods, and were thrust north eastward during the mid-Jurassic and Cretaceous. On a more local scale, structural information must be gleaned from a few well-presented outcrops on the property. Problematically, many units lack sufficient internal lithologic heterogeneity to allow the visualization of structure. Intense rodding is a ubiquitous feature throughout and cataclastic textures are also common in competent rock types. Crenulation cleavage is well developed, particularly in the Metaclastic unit. Two folding styles are observed, chevron and upright to overturned circular. No truly recumbent folds have been observed. Large-scale overturned or recumbent folding was proposed by previous workers, based upon an undocumented study of S and Z folds. Most minor folds plunge 15 to 20 degrees southeast (average ~ 150 azimuth). Pockets of bull quartz are sweated out along fold axes and the abundance of similar quartz in float across the property suggests that small folds are common everywhere. Preserved graded layers in the Metaclastic unit indicate that most bedding in this unit is not overturned, but geological relationships suggest that property-scale structure is characterized by km-scale northwest trending upright to overturned syncline-anticline pairs

5.3 Alteration

Magnetite alteration generally occurs locally to regionally in the hanging wall to muscovite-quartz alteration and roughly follows the Amphibolite unit. Many of the strongest magnetite occurrences, however, occur within the Laminar-foliated unit, likely as a consequence of host rock mineralogy, as magnetite predominantly occurs with feldspar. Magnetite occurs to at least a minor extent in every unit, suggesting that it is not forming after hematite in a particular sedimentary horizon. Magnetite patches occur in the Western-class intrusions and may be partially to wholly altered to hematite. This suggests that the hematite is of hydrothermal origin and not supergene, since magnetite in other units is typically fresh in surface samples. Magnetite commonly accompanies significant garnet occurrences and locally the garnets are magnetic. This relationship suggests that magnetite alteration formed contemporaneously with, or grew as inclusions in pre-existing iron-rich garnet. Although minor brown-red garnets appear to be widely distributed and are probably of metamorphic origin, the largest and most concentrated (10% or more garnet) occurrences occur near the base of the magnetite zone and above the muscovite-quartz zone. The Laminar-foliated and Amphibolite units are the best hosts, but garnets also occur in the Metaclastic unit and Eastern-class meta-intrusions.

Evidence for biotite alteration consists of locally high contents of poorly oriented biotite (30% or more) in the *Metaclastic* unit at Papa Bear and the discordance of biotite flakes with respect to primary foliation in different units (very equivocal evidence). Stronger evidence is provided by petrographic observations that biotite crosscuts and replaces the boundaries of feldspar grains.

Muscovite-quartz is the most recognizable form of alteration on the property and is characterized by interlayered coarse-grained lustrous to splendent or pearly white mica and gray quartz, either as original rods or eyes or as introduced silica. The term “muscovite” is used *sensu-lato*, and includes muscovite, sericite after feldspar, and other white phyllosilicates as alteration products of other original minerals. Muscovite-quartz

alteration is probably magnetite-destructive, since this mineral rarely if ever occurs with this alteration suite. Documentary evidence also suggests that potassium enrichment is associated with muscovite-quartz alteration in a phyllic assemblage. Potassium alteration occurs as quartz-potassium feldspar veins and as plagioclase replacement by potassium feldspar.

Chlorite alteration of biotite and hornblende and epidote alteration of feldspar or other minerals is fairly widespread. In some cases this could be ascribed to non-hydrothermal alteration of chemically permissive rock types. Chlorite-epidote alteration shows few unequivocal patterns on the Lucky Joe property, but is convincingly concentrated in and around the Western-class intrusion along the Papa Bear grid and chlorite alteration is commonly developed after biotite in other Western-class intrusions. At Papa Bear chloritized biotite and late quartz-epidote-chlorite veinlets and hematite alteration are locally observed in Eastern-class metaintrusive rock that contains sulphides. Hematite alteration is also present in Metaclastic unit rocks in drill core from the Papa Bear grid. Core from the Papa Bear grid examined during 2003 shows an alteration continuum from biotite to chlorite to muscovite, an observation also supported by surface evaluation and petrographic studies at main Lucky Joe. Albitization is widely developed in the Western-class metaintrusions, based on analyses with Na_2O returns of 4 to greater than 6%. Interestingly, the plagioclase in Western-class metaintrusions is commonly glassy and unaltered.

Skarn and calc-silicate alteration occurs in several locales and is undoubtedly more widespread than can be appreciated from the limited rock exposures. Skarn and calc-silicate occurrences occur along the margins of the Eastern-class and Western-class intrusions. Regardless of the underlying protolith, skarns are dense and dark, exhibiting high Fe and low SiO_2 concentrations and sulphides are minor to absent. The mineral assemblages consist of garnet, epidote, diopside, tremolite or other amphiboles, and possibly rhodonite or rhodochrosite. A zinc content of 2.97% in one skarn occurrence suggests a link with carbonate-hosted mineralization. Magnetite content ranges from none to abundant, and elevated Bi, Cu, Mo, and Te are variably associated. Skarns possibly became more enriched with Zn and Pb as the hydrothermal system evolved.

6.0 2007 DRILLING PROGRAM

Drilling at the Lucky Joe property commenced on June 4th and finished on July 18th 2007. Prospector Drilling Ltd. of Ste. Rose Du Lac, Manitoba provided the drilling services. Geological and logistical support for the drilling program was provided by Copper Ridge Explorations Inc staff and Aurum Geological Services contract staff. Fireweed Helicopters and TransNorth Helicopters, both of Dawson City, provided helicopter transport. Eco Tech Laboratories of Kamloops, British Columbia performed the sample analyses. The 2007 drilling program consisted of 13 BTW diameter diamond drill holes (Figure 4), one of which did not reach bedrock, for a total of 2399 metres. The holes were drilled at dips between -45° and -90° with azimuths of 070 or 250 (Table 1, Figs. 4 through 11). The holes were not surveyed.

All holes (barring LJ07-21, which did not reach bedrock) intersected predominantly muscovite (*sensu lato*) and or chlorite schists of volcanic and/or volcaniclastic origin and all contained various abundances of felsic porphyritic rocks with minor dolerite dykes also observed. Garnet schists were rare, but where observed commonly occurred with increased chalcopyrite abundance. Potassium alteration as quartz-K feldspar veins and K feldspar flooding occurred in all drill holes with varying intensity and distribution. Minor graphite alteration occurred in most holes, particularly associated with fault gouge zones, but in two holes also associated with a coarse-grained pebbly conglomerate. Coarse grained blebby pyrite in chlorite schist occurred in all holes. Copper mineralization typically occurred near the surface as malachite and azurite veinlets or foliae within schists. In fresher rock at depth copper predominantly occurred as fine-grained disseminations and wisps within quartz-muscovite schists. Rare patches of coarser grained blebby to semi-massive chalcopyrite also occurred within the schists.

Table 2. Lucky Joe collar information

Hole	Easting	Northing	Depth	Dip	Azimuth
LJ 07-11	571284	7049193	250	-90	
LJ 07-12	571284	7049193	230	-50	070
LJ 07-13	571266	7049722	256	-50	250
LJ 07-14	571266	7049722	73	-75	250
LJ 07-14b	571266	7049722	299	-75	250
LJ 07-15	570974	7049618	152	-55	070
LJ 07-16	571314	7049374	200	-55	250
LJ 07-17	571402	7048664	204	-60	070
LJ 07-18	571377	7049225	125	-70	250
LJ 07-19	571820	7048325	161	-50	250
LJ 07-20	571475	7048912	181	-45	250
LJ 07-21	572365	7046955	18	-45	300
LJ 07-22	571363	7049324	249	-55	250

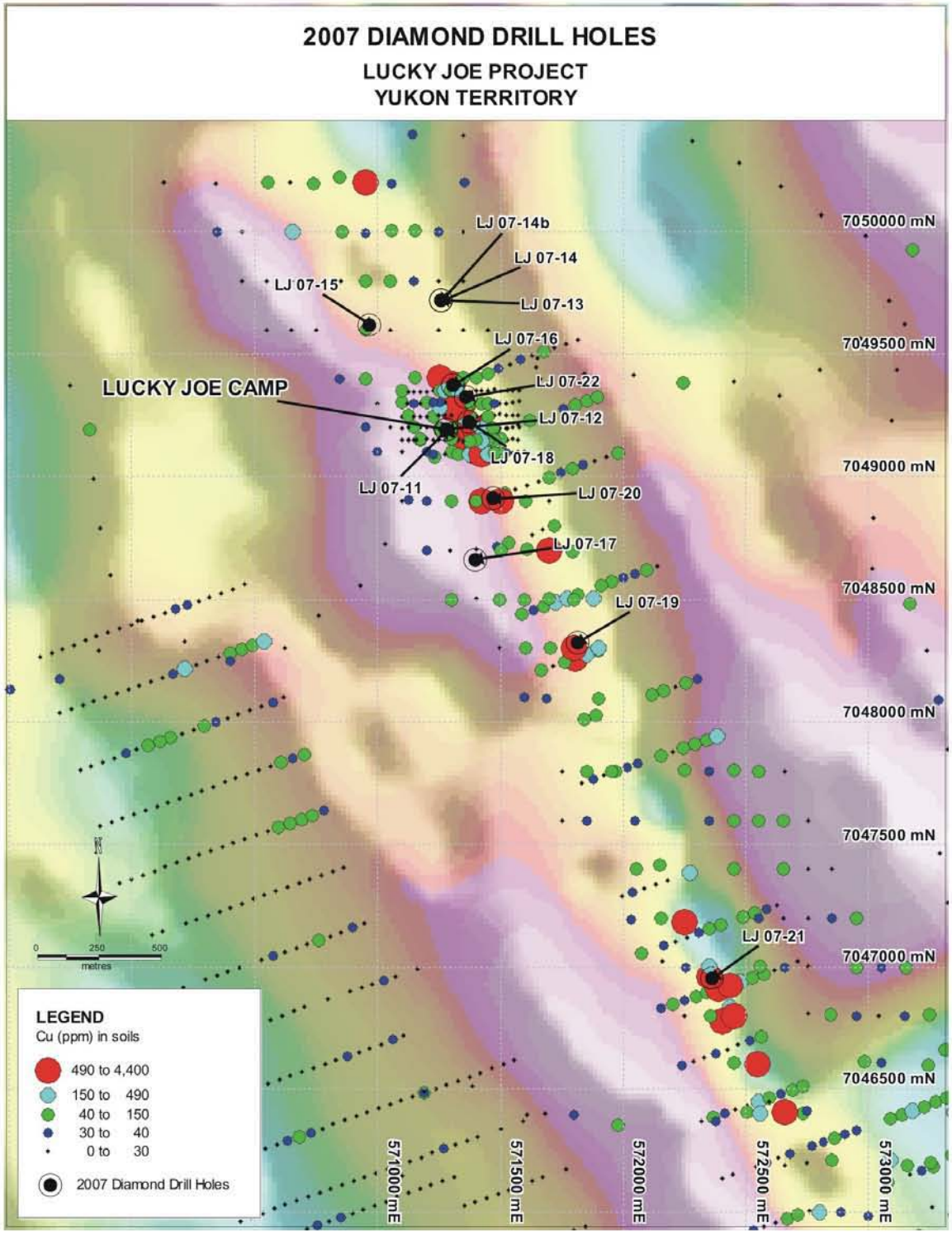


Figure 4. 2007 drill hole locations with copper (ppm) in soils and aeromagnetic total magnetic field.

Two holes failed to reach target depth. Hole LJ07-14 was lost at 73m due to a broken locking coupler and was redrilled as hole LJ07-14b. Hole LJ07-21, which was designed

to follow up hole LJ06-09, did not reach bedrock as there was insufficient casing to drill below 15 metres.

Significant intersections from the 2007 drilling program include: 7.3m at 0.905% Cu and .5 g/t gold (LJ07-19), 26.6m at 0.152% Cu (LJ07-18) and 15.3m at 0.176%Cu (LJ07-22). They define a copper-gold mineralized horizon that extends for at least 1,500 m and possibly greater than 3,500 m in strike length including 2006 hole LJ06-09. The horizon is defined by pyrite mineralization that occurs as both disseminated and massive to semi massive blebs throughout the host quartz-biotite-chlorite schist. Copper mineralization, with associated elevated gold values, occurs within this horizon as malachite near the near bedrock surface and as disseminated to blebby chalcopyrite at depth. Table 3 summarizes the significant intersections.

6.1 LJ07-11

Drilling on hole LJ07-11 commenced on June 8th 2007. The hole was designed to test the upper edge of a chargeability high and was drilled at -90°. The hole intersected predominantly quartz-biotite±muscovite±chlorite schist with rare garnetiferous zones and with a constant foliation of 45° to the core axis. Minor quartz±chlorite veins contained <2% pyrite whereas up to 5% coarse-grained blebby pyrite occurred with coarse-grained hornblende amphibolite schist. Narrow fine-grained felsic dykes occurred throughout the hole. This hole did not contain any significant copper or gold mineralization. The hole was terminated on June 10th at a final depth of 250 metres.

6.2 LJ07-12

Hole LJ07-12 was collared on the same drill pad as hole 11. It was designed to test the upper edge of a chargeability anomaly and coincident high copper-gold soil anomaly. The hole was drilled at an azimuth of 070° and a dip of -50° and commenced on June 11th. The hole encountered predominantly quartz-muscovite±chlorite±biotite schist with highly variable foliation angles, possibly reflecting open folds, and graphite schist at 154 metres, which coincided with the resistivity low. Minor chalcopyrite occurred between 122 and 137m, generally coinciding with an increase in biotite and/or garnet abundance. The hole was completed on June 13th at a final depth of 230 metres.

6.3 LJ07-13

Hole LJ07-13 was designed to test the upper edge of a chargeability high and coincident moderate copper anomaly in soils. Drilling on the hole commenced on June 13th and concluded on June 16th at a final depth of 256 metres, and was drilled at -50° towards 250°. The hole intersected predominantly quartz-muscovite-biotite schist with felsic bands containing large quartz eyes. Malachite and chalcopyrite occurred between 132m and 144m along foliation planes within a section of fault-bounded brecciated sericite schist. Minor felsic dykes occurred throughout the hole.

6.4 LJ07-14 and 14b

Holes LJ07-14 and 14b were designed to test a large chargeability high/resistivity low at depth and a moderate copper soil anomaly and were drilled on the same pad and at the

same azimuth as LJ07-13 but at a steeper dip of -75°. Drilling commenced on June 17th and achieved a depth of 73 metres before the locking coupler broke and the hole was lost. The hole was recollared on the same pad and redrilled as hole LJ07-14. Coarse-grained "quartz eye" biotite±muscovite±chlorite schist, possibly a meta-intrusive or derived from coarse-grained sandstone, occurred from surface to 185m. Trace chalcopyrite occurred sporadically throughout the interval, typically associated with sericite-rich bands or quartz-flooded brecciated fault zones. From 185m to the end of hole at 299 metres quartz-muscovite-biotite schist dominated, with minor graphitic patches, local magnetite and garnet alteration and minor amphibolite schist with interlayered mafic and felsic bands. Drilling on hole LJ07-14b concluded on June 23rd.

6.5 LJ07-15

Drilling on hole LJ07-15 commenced on June 23rd and concluded on June 24th at a total depth of 152 metres. The hole was designed to test a chargeability high and weak copper anomaly in soils. The hole predominantly encountered quartz-chlorite±muscovite schist with foliation varying throughout the hole from perpendicular to parallel to the core axis. Trace chalcopyrite, usually associated with more felsic bands, occurred from 46 to 125 metres. The hole contained approximately 2% disseminated fine grained pyrite overall, but locally up to 10% pyrite. Felsic dykes occurred throughout.

6.6 LJ07-16

Hole LJ07-16 was designed to test a high copper-gold soil anomaly. The hole was drilled at -55° towards 250°. Drilling commenced on June 24th and achieved a final depth of 200 metres on June 26th. From surface to approximately 90 metres the hole encountered quartz-muscovite and chlorite schists with variable foliation attitudes relative to the core axis, suggesting folding. Copper mineralization as chalcopyrite, malachite and possibly bornite and covellite occurred in abundances up to 5% distributed throughout this interval, predominantly occurring within quartz-chlorite veins, in silica-flooded schists and along foliation planes. From 90m to the bottom of hole the rock was dominantly meta-andesite with alternating mafic and felsic schistose bands. Felsic dykes were common throughout the hole.

6.7 LJ07-17

Hole LJ07-17 was designed to test a resistivity low/chargeability high and moderate copper/weak gold anomaly in soils. The hole was drilled at -60° towards 070°. Drilling commenced on June 27th and ended on July 2nd at a final depth of 204 metres. Fine-grained, variably foliated to schistose mafic and intermediate schists of volcanic to volcaniclastic origin occurred throughout the hole. Patches were strongly silica-chlorite-biotite-garnet altered, commonly associated with increased pyrite abundance (up to 10% coarse-grained blebby pyrite) and common magnetite. Moderately foliated, silicified, garnet altered basalt and dolerite with up to 10% pyrite occurred between 198 and 204 metres. Garnet alteration was more prevalent in this hole than in previous drill holes.

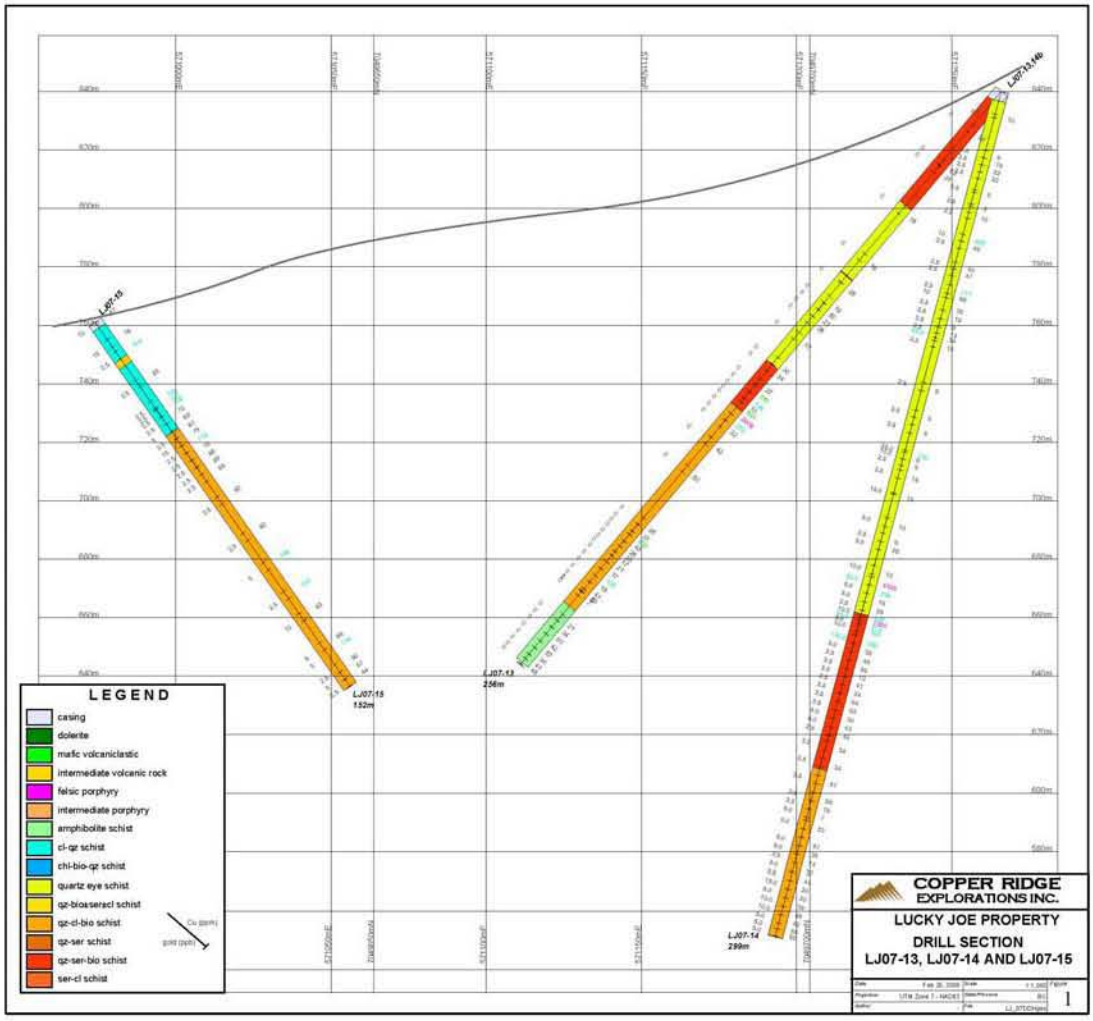


Figure 5. Section - Drill holes 13, 14 and 15 (Line 7).

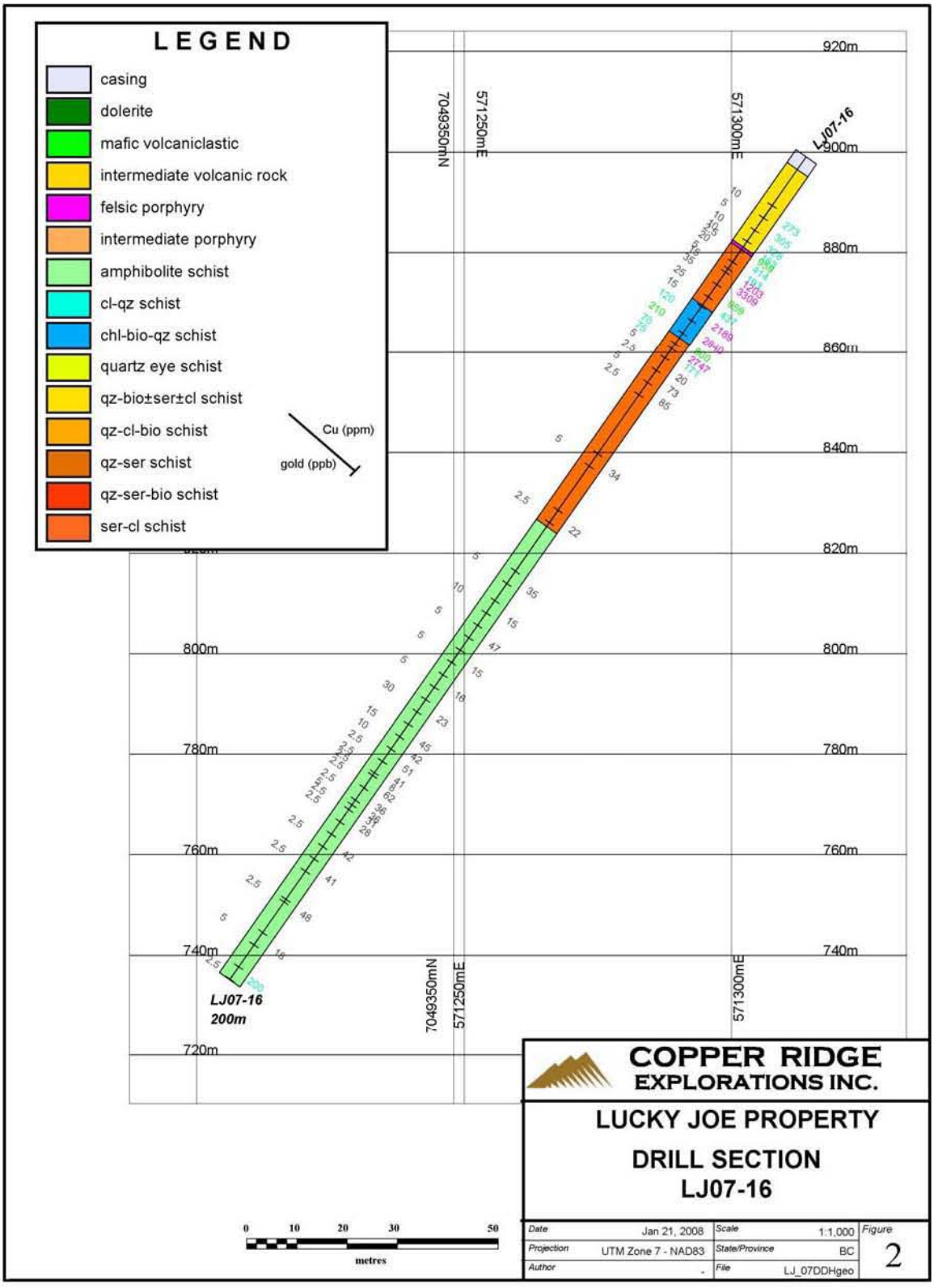


Figure 6. Section - Drill hole 16.

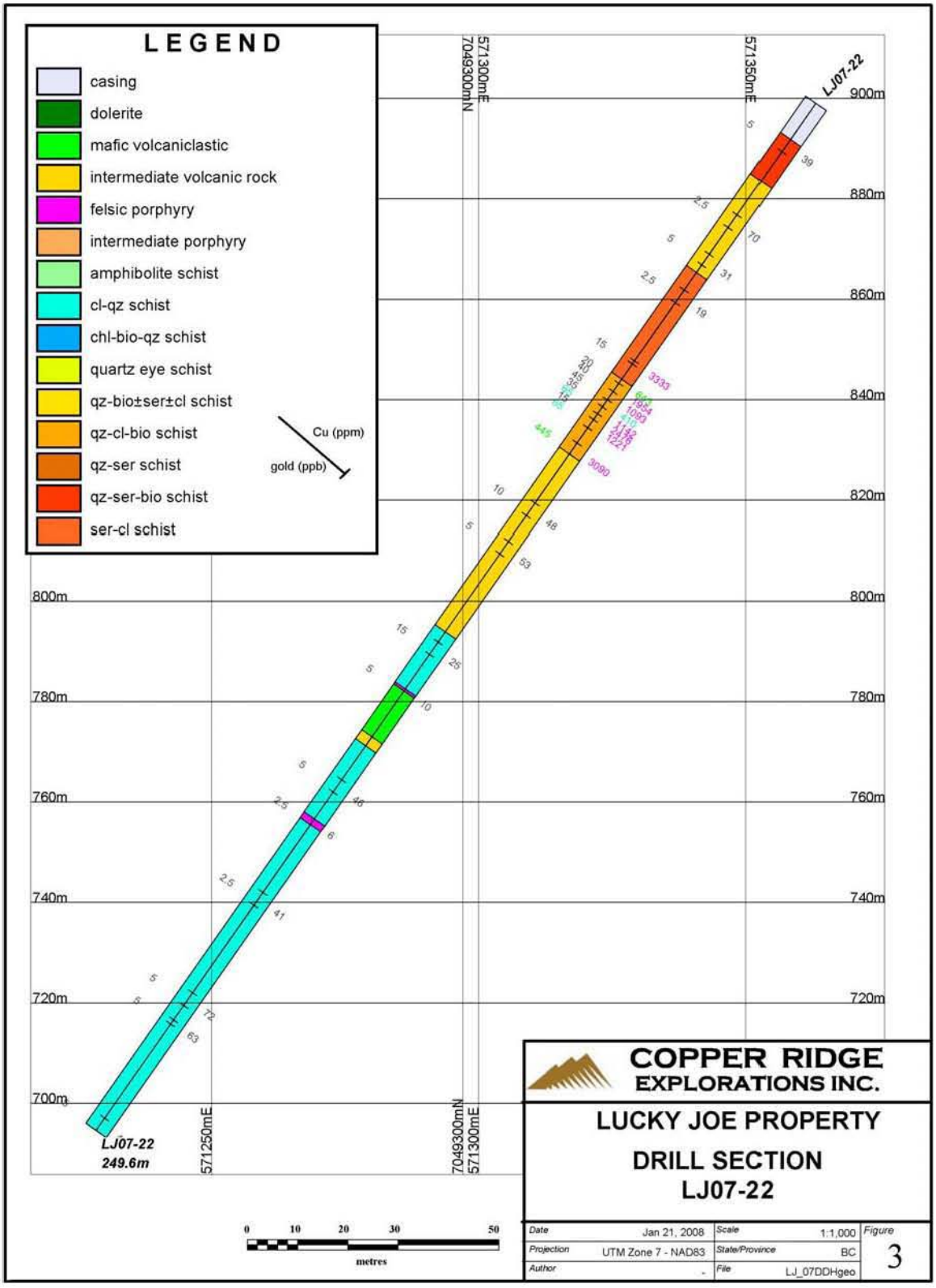


Figure 7. Section - Drill hole 22.

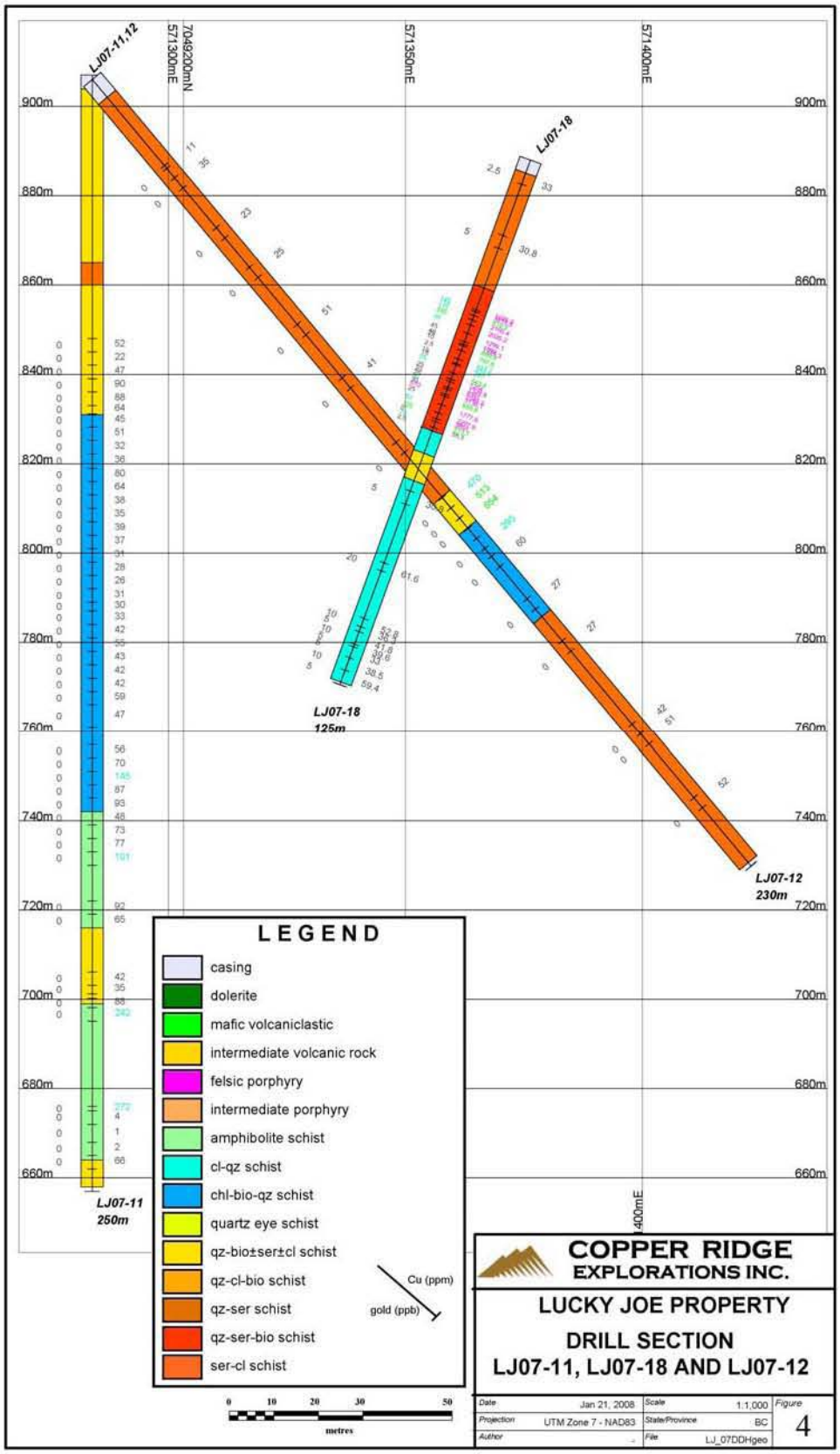


Figure 8. Section - Drill holes 11 and 12 (Line 6).

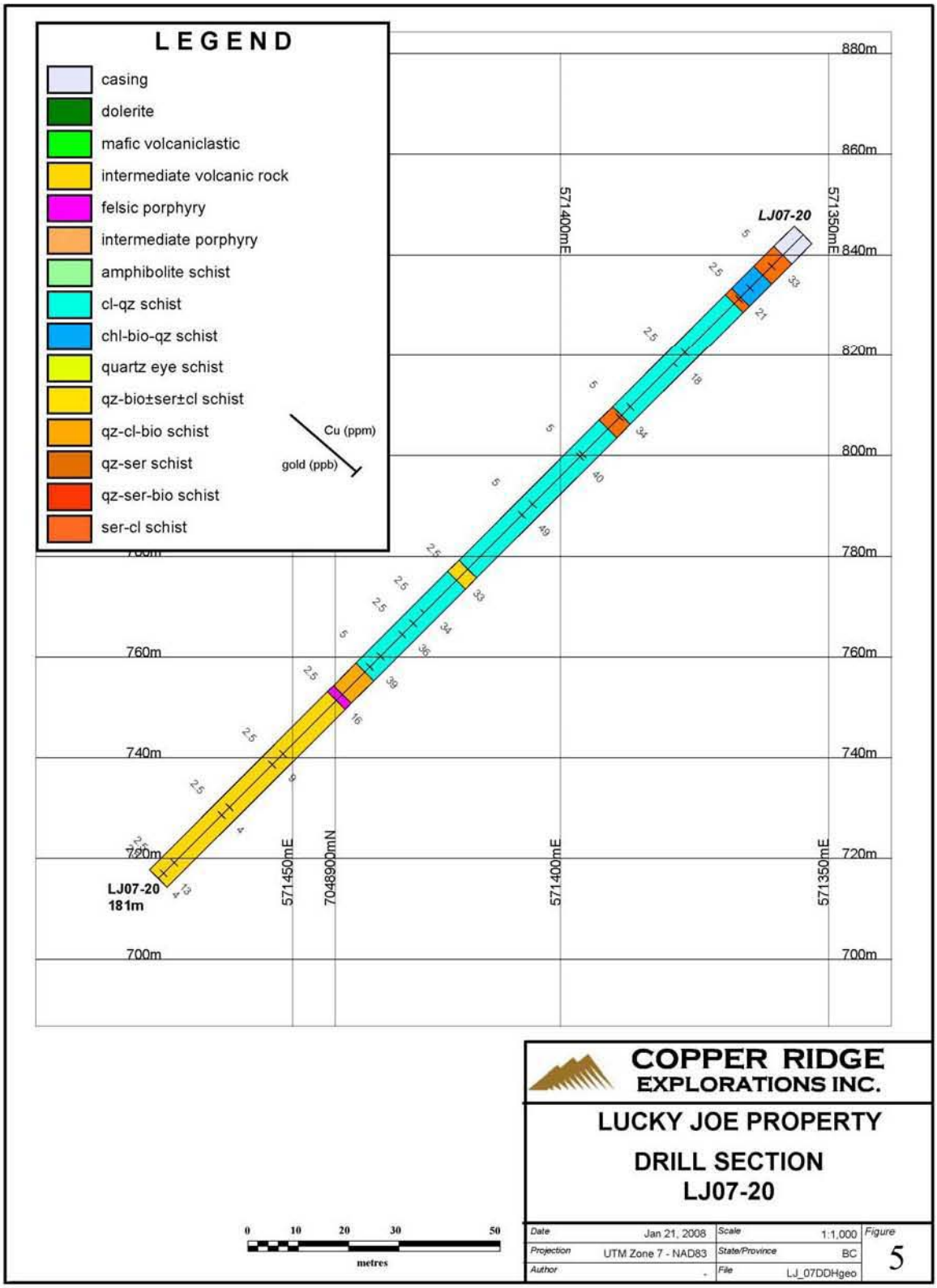


Figure 9. Section - Drill hole 20.

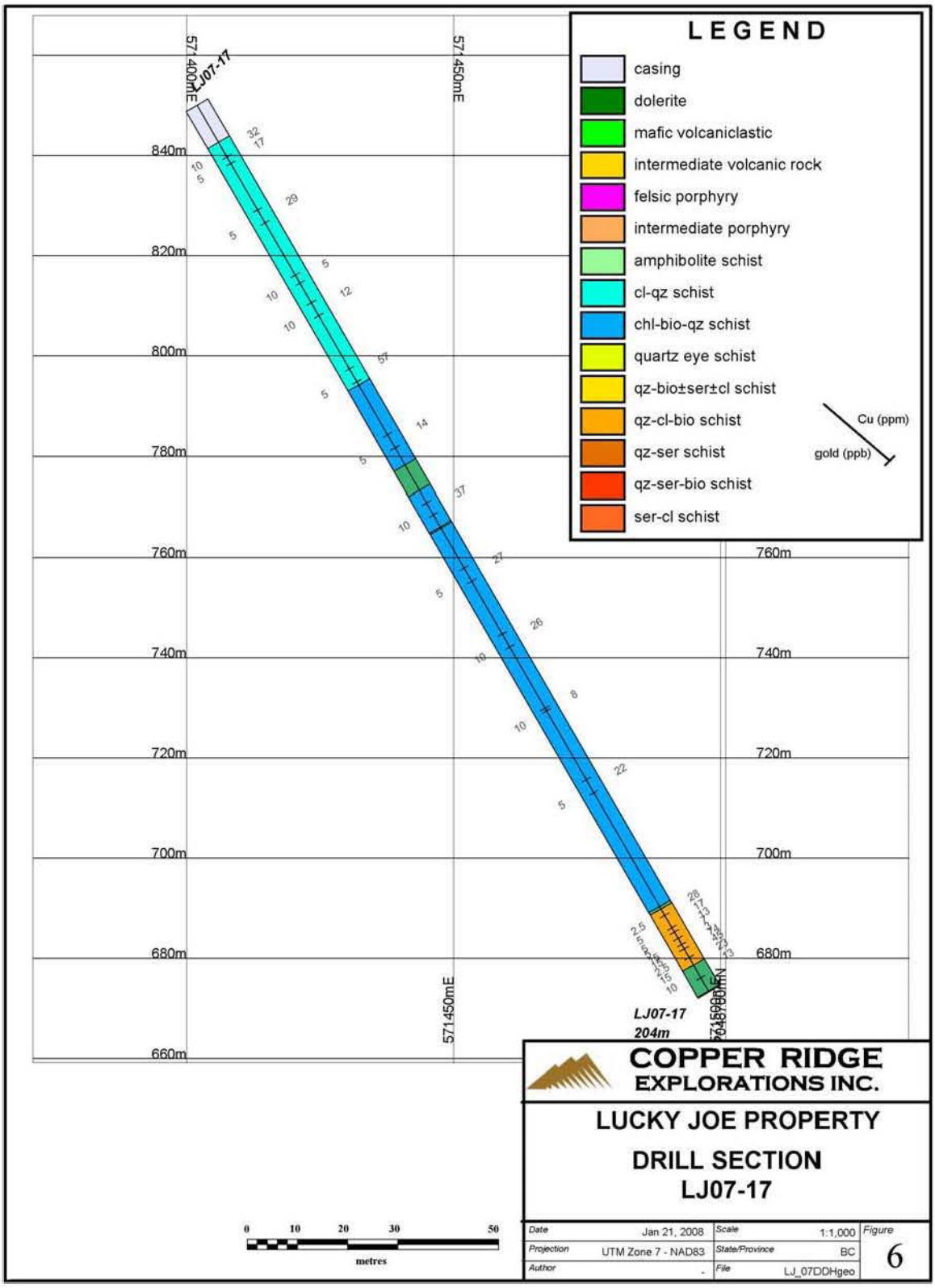


Figure 10. Section - Drill hole 17 (Line 5).

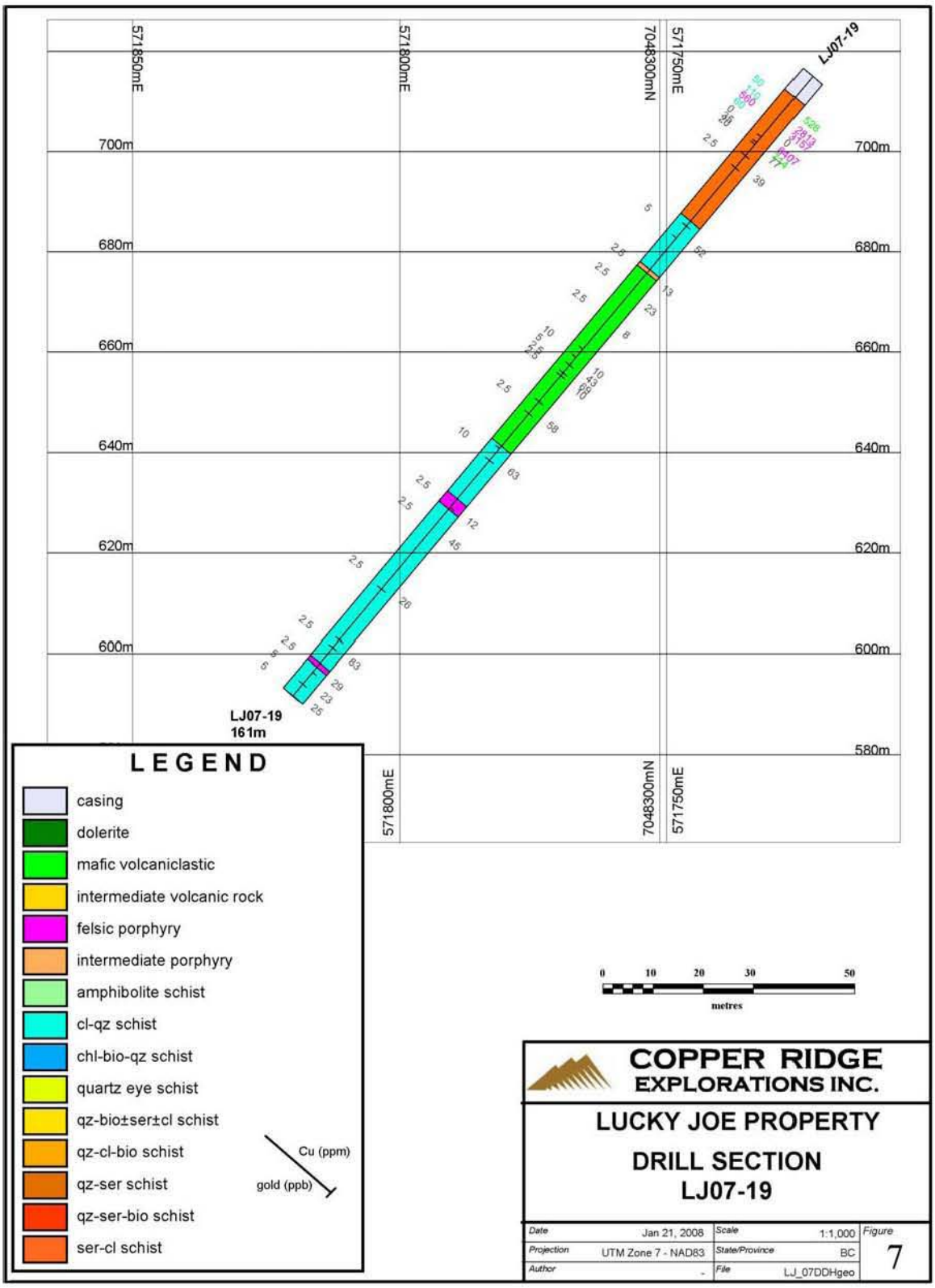


Figure 11. Section - Drill hole 19 (Line 4).

6.8 LJ07-18

Drilling on hole LJ07-18 commenced on July 3rd and finished on July 4th at a final depth of 124 metres. The hole was designed to target a moderate chargeability high and associated high copper and gold anomaly in soils. From surface to 64 metres the hole predominantly comprised quartz-sericite-biotite schist with moderate to strong patchy potassic alteration, patchy intense silicification and minor faulting with associated gouge. Copper mineralization occurred between 36 and 64 metres as malachite veinlets with associated disseminated chalcopyrite, and trace to 5% chalcopyrite without malachite at patches throughout the interval. Below 64 metres the hole dominantly comprised chlorite schist with minor patchy silicification, graphite alteration, variable sericite and patches of intense chlorite-biotite-garnet alteration. Trace chalcopyrite also occurred around 109 to 112 metres.

6.9 LJ07-19

Hole LJ07-19 was designed to test the upper edge of a chargeability high, vertical resistivity low and high coincident copper-gold soil anomaly. Drilling commenced on July 5th and reached the target depth of 161 metres on July 8th. The hole encountered interlayered sericite and chlorite schists with variable foliation attitudes, indicating the possibility of a folded sequence. Intermediate and felsic porphyries cross-cut the schistose sequence. Foliation hosted malachite and azurite occurred between 8 and 16 metres. Copper mineralization in this hole (7.3m @ 0.905% Cu) occurred between 8 and 16 metres in chloritic and garnetiferous sericite schist and comprised foliation-parallel malachite (10-15%) and azurite (2-4%). Chalcopyrite was not observed however mineralization in the uppermost part of the interval was associated with significant iron oxide staining, which may reflect oxidized sulphides.

6.10 LJ07-20

Drilling on hole LJ07-20 commenced on July 8th and finished on July 10th at a final depth of 181 metres. The hole targeted a high copper and gold anomaly in soils. In the upper two thirds of the hole the dominant lithologies comprised interlayered felsic (sericite-dominant) and mafic (chlorite-dominant) schists with patchy well developed crenulation cleavage, patchy intense K and garnet alteration, and intermittent faulting with associated gouge. From 130 metres to 181 metres the hole predominantly comprised weakly brecciated intermediate volcaniclastic sediment with patchy K alteration and minor patchy epidote flooding. This hole did not contain any visible copper mineralization.

6.11 LJ07-21

Hole LJ07-21 was the southern-most hole drilled during this program and was designed to follow up the copper mineralization intersected in hole LJ06-09 during the 2006 drilling program. It was drilled on the same pad as holes LJ06-08 and LJ06-8a, which failed to reach their target depths during the 2006 drilling program. Initially the hole was drilled at -50° towards 250°; however the hole was terminated at 13 metres due to collapsing overburden. The drill was rotated to the north and steepened to -60° in the hope of reaching bedrock with the available casing. This hole was drilled to 16 metres

before collapsing in on itself. The drill was rotated to the north again, to 300° and a third hole was attempted at -50°. This hole was also drilled to 16 metres before collapsing. This site was finally abandoned on July 15th as there was insufficient casing on site to continue drilling.

6.12 LJ07-22

Hole LJ07-22 targeted a coincident IP and geochemistry anomaly in soils, and followed up holes LJ07-16 and 19, which contained the best visible copper mineralization from the 2007 program. This hole intersected variably foliated to schistose quartz-sericite-biotite and chlorite schists with patchy intense silica flooding, minor faulting, poorly developed crenulation cleavage and graphite alteration. A number of unfoliated intrusive phases also occurred in this hole, predominantly of felsic and intermediate composition. Ten to 15% coarse grained blebby pyrite occurred in chlorite schist at the bottom of the hole (156 to 250m), commonly associated with increase garnet abundance. Trace disseminated chalcopyrite occurred between 67 and 73 metres.

Table 3. Best results from the 2007 Lucky Joe Diamond Drilling Program

Hole ID.	From (m)	To (m)	Interval (m)	Cu (%)	Au (g/t)
LJ07-14	171.9	187.2	15.3	0.103	0.018
LJ07-16	27.1	46.7	19.6	0.187	0.079
LJ07-18	35.7	62.3	26.6	0.152	0.100
includes	35.7	44.3	8.6	0.107	0.162
includes	54.2	62.3	8.1	0.225	0.188
LJ07-19	8.5	15.8	7.3	0.905	0.500
LJ07-22	62.6	85.3	15.3	0.176	0.113

7.0 2007 GEOCHEMICAL PROGRAM

A 232 sample geochemical soil sampling program designed to infill and extend the existing geochemical surveys (Fig. 12) was conducted between July 19th and July 26th. Samples were analyzed at Eco Tech Laboratories of Kamloops, British Columbia using a 28 element Inductively Coupled Plasma (ICP) scan. Samples were collected using a hand auger or mattock from between 30 and 70cm depth at the B or C horizons. The presence of permafrost on some north-facing slopes precluded sampling in these areas. Results of this program confirmed the presence of the copper and gold geochemical anomaly delineated in previous surveys and extended the anomaly further to the south.

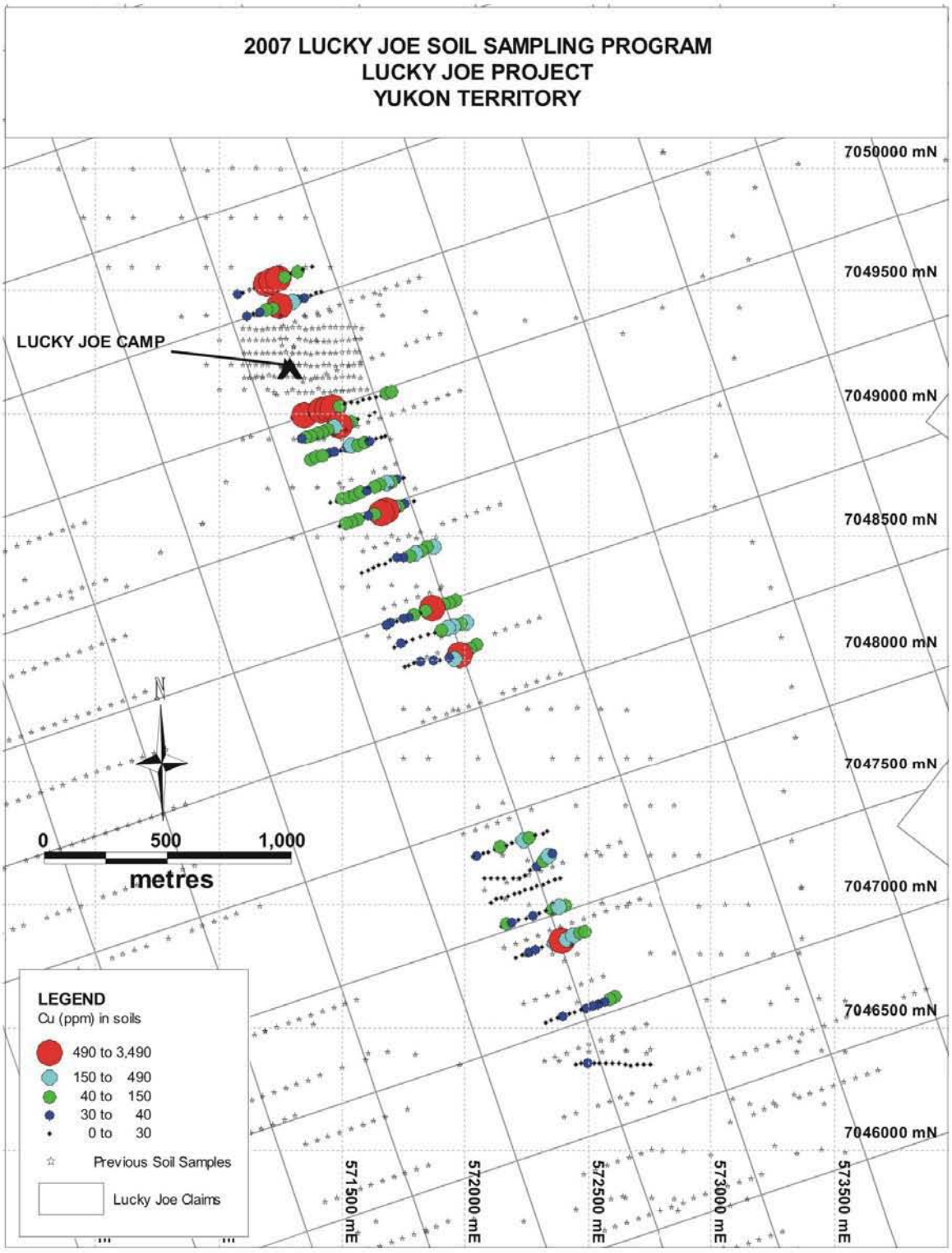


Figure 12. 2007 Ryan's Creek soil geochemical results - copper.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the 2007 drilling program confirm the existence of a potentially large copper-gold mineralized system with a strike length of 2 kilometres and possibly greater than 3.5 kilometres. Mineralized intersections in all holes occur immediately east of a strong IP chargeability anomaly and correlate directly with a sharply defined copper-gold soil anomaly. Copper and gold values are increasing to the south along the Ryan Trend structure, as demonstrated by hole LJ07-19, the most southerly drill hole of the 2007 program, and hole LJ06-09, located 2,000 m further south. Hole LJ07-21 was collared 160 m north of hole LJ06-09 to follow up the copper-gold intersection discovered in 2006 (see table above). Due to insufficient casing, this hole was unable to penetrate the very broken and sandy material that occurs above bedrock in this area. Therefore the intersection in hole LJ06-09 remains open in all directions. The soil program also confirmed the existence of the geochemical anomaly defined in previous surveys and extended it to the south beyond LJ06-09.

Results of the 2007 program, in conjunction with previous results provide favourable indicators towards the existence of a large scale, low-grade, bulk-tonnage copper-gold system at Lucky Joe. The most southerly intersection (LJ06-09) remains open in all directions. A 1200 metre diamond drilling program at a proposed cost of $420,000 is recommended to further drill test this target.

9.0 STATEMENT OF COSTS

Lucky Joe Project 2007 Drilling Program Cost Statement	
Fuel - Camp	27,942
Fuel - Helicopter	11,941
Fuel - Drill	21,821
Groceries, supplies	19,598
Field equipment	21,413
Salaries	94,151
Helicopter	143,750
Drilling	378,783
Assay	17,449
Total	736,848

Total metres drilled	**2,398.6**
Average cost/m	**$307.20**

Hole	Claim	Easting	Northing	Depth		Cost
LJ 07-11	LJ 34	571284	7049193	250	$	76,800
LJ 07-12	LJ 34	571284	7049193	230	$	70,656
LJ 07-13	LJ 32	571266	7049722	256	$	78,644
LJ 07-14	LJ 32	571266	7049722	73	$	22,427
LJ 07-14b	LJ 32	571266	7049722	299	$	91,855
LJ 07-15	LJ 32	570974	7049618	152	$	46,694
LJ 07-16	LJ 34	571314	7049374	200	$	61,440
LJ 07-17	LJ 36	571402	7048664	204	$	62,669
LJ 07-18	LJ 34	571377	7049225	125	$	38,400
LJ 07-19	Lucky 11	571820	7048325	161	$	49,459
LJ 07-20	LJ 36	571475	7048912	181	$	55,603
LJ 07-21	Lucky 4	572365	7046955	18	$	5,524
LJ 07-22	LJ 34	571363	7049324	249.6	$	76,677
			Total	**2398.6**	**$**	**736,848**

Expenditure per claim:			
LJ 32	$	239,620
LJ 34	$	323,973
LJ 36	$	118,272
Lucky 4	$	5,524
Lucky 11	$	49,459
Total	**$**	**736,848**

10.0 STATEMENT OF QUALIFICATIONS

I, Joanna Lynette Hodge, do hereby declare that;

1. 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 6 ½ 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 of the issuer 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 this 29th day of February, 2008

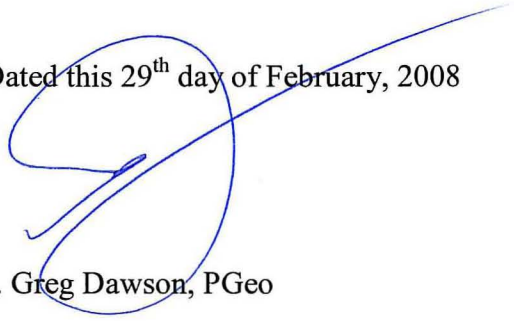


Joanna Lynette Hodge, BSc, MSc (Hons)

I, John Gregory Dawson, do hereby declare that;

1. I am currently employed as Vice President Exploration for Copper Ridge Explorations Inc. of 500 - 625 Howe Street Vancouver, British Columbia V6C 2T6.
2. I graduated with a Bachelor Science degree from the University of British Columbia in 1987 and a Masters of Science degree from Queens' University in 1991.
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, Registration Number 19882.
4. I have worked as a geologist for a total of 20 years since graduation from University, and prior to graduation, as a student and or geotechnician for a period of 11 additional years.
5. I have read the definition of "Qualified Person" set out in National Instrument 43-101("NI 43-101") and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.
6. 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.
7. I am not independent of the issuer applying all tests in Section 1.5 of NI 43-101 in that I am an employee and Director of Copper Ridge Explorations Inc and hold shares and options in the Company.

Dated this 29th day of February, 2008



J. Greg Dawson, PGeo

11.0 REFERENCES

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ASSESSMENT REPORT ON THE

2007 Diamond Drilling and Soil Geochemical Program

LUCKY JOE PROJECT

APPENDICES

Work carried out on the following claims:

Grant Number	Claim Name
YC21263	LJ 32
YC21265	LJ 34
YC21267	LJ 36
YC21087	Lucky 4
YC21094	Lucky 11

June 4 to July 27, 2007

Dawson Mining District
NTS 115O/11&12
63^{o} 35'N – 139^{o} 30'W
Yukon Territory

By

Joanna L. Hodge, MSc (Hons)
J. Greg Dawson, P.Geo.

COPPER RIDGE EXPLORATIONS INC.

500 – 625 Howe Street
Vancouver, B.C. V6C 2T6

February 28, 2008

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1.0 APPENDIX I: DIAMOND DRILL LOGS

HOLE NUMBER: LJ07-11

PROJECT NAME:	Lucky Joe
HOLE:	LJ 07-11
FINAL DEPTH:	**249.63**
DATE START:	**June 8/07**
FINISH DATE:	**June 10/07**
LOGGED BY:	**Ann Ledwidge**
CORE SIZE:	**BTW**
DRILLING COMPANY:	**Prospector**

UTM: Nad 83 Zone 7

Northing: 7049193
Easting: 571284

Line No.: L 2E
Station: 400 SW

AZIMUTH: **DIP:** -90 **DEPTH:** 250

DOWNHOLE SURVEY: ACID TEST

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: to test large IP anomaly

SUMMARY: Overburden to 3.09m.
Rock is mainly Quartz-Biotite+/-Muscovite+/-Chlorite Schist. Minor quartz+/-chlorite veins with <2% pyrite. 47-59m garnets observed. 42.3-46.9m Quartz-Sericite Schist. 59-76m silica-rich patches, brecciated? With >5% pyrite in large blebs.
76-164.5m fine-grained Chlorite-Biotite-Quartz Schist interlayered with coarse-grained Quartz-Feldspar-Biotite-Hornblende Schist with traces of magnetite; fine-grained schist also contains garnets from 136-158m.
165-191m Quartz-Chlorite-Biotite-Hornblende Schist (amphibolite), c.g. hornblende, 2-5% pyrite blebs <= 1cm, locally with <2% garnets; varies from coarse to fine-grained, 191-208 chlorite schist intervals, locally gouge-like, pyrite decreases.
208-243m Amphibolite Schist interlayered with Quartz-Feldspar-Biotite Quartzite?, weakly foliated. 210.40 tr chalcopyrite
243-249m Quartz-Biotite-Chlorite Schist with abundant carbonate+/-chlorite veinlets and minor k-spar and epidote parallel to foliation, minor small scale faults.
Sulphides- up to 5% coarse pyrite blebs in general appear related to coarse hornblende Amphibolite Schist.
Foliation is constant throughout hole at 45 degrees to core axis. Cut by f.g. Felsic dykes.

SAMPLE NUMBERS:

400051 - 400078	28 samples total - Shipment 1 and 2
400099 - 400123	25 samples total - Shipment 4

DUPLICATES
FIELD DUPLICATES:
400112
LAB DUPLICATES:

ASSAY CERTIFICATES: _____

STANDARDS:	BLANKS:	
400116 CDN-CGS-11	400078	
	400123	

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-11

Property:	Lucky Joe	**Azimuth:**	0°	**Logged By:**	AL DOHERTY + Amanda Wilson
Zone:	RYAN CREEK	**Dip:**	-90°	**Drilled By:**	PROSPECTOR
Claim:		**Hole Length:**	819' 249.63M	**Assays By:**	
Started:	June 8, 2007	**Casing:**	15' 4.57m	**Downhole Surveys:**	
Completed:	JUNE 10, 2007	**Core Size:**	BTW		
Coordinates:	L2E, 400 SW				
Comments:					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	3.09	Overburden.															
3.09	42.30	QUARTZ - BIOTITE ± MASC ± CHL	1	0	2	2	0			99							
		Schist. Light to medium grained															
		well foliated, laminated. f.g															
		schist. 50% Recovery 10.0-11.0 m.															
		FOLIATION 50° TCA occasionally															
		STEEPER on fold															
		• More MAFIC bands ↑ Chl + Bio															
		RANGE > 10cm. OFTEN															
		ASSOCIATED WITH QTZ VEINLETS															
		• LATE CHLORITE VEINS AND															
		VEIN BRECCIAS.															
		17.60 - 17.90 QTZ + MT + CHL.															
		30.0 - 33.0 INC ↑ BIOTITE + CHLORITE	2	-	-	-	2										
		VERY MAFIC AMPHIBOLITE															
		↓ V.FG DISS. PYRITE															
		34.0 - 39.50 CORE IS FE-OX STAINED															
		37.10 - 37.76 - SMALL DYKE	0	0	2	1	1										
		V.F.G DISS PYRITE															
		SILICIFIED. Probable															
		CALLS of HW FE-OXIDES															
		LC 45° TCA. FOL 60° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page 1 of 8

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-11

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
42.30	46.90	QUARTZ SERECITE SCHIST. = WHITE	0	0		6	0			99							
		MASSIVE QTZ > SERECITE. MASSIVE															
		POORLY FOLIATED															
		MnO ON FRACTURE															
		uc 70° tca LE ??															
		Note Recovery in hole is very high															
		between 49.0 - 80 m ± 100%															
		Also very competent core															
46.90	58.95	QTZ - BIO - ± MUSC ± GARNET SCHIST	0	0	2	2	1										
		LIGHT TO MED WHITE - GRY.															
		Fe - OXIDE STAINED. WELL															
		FOLIATED, SOME MORE QTZ RICH															
		SECTIONS															
		GARNET IN AT 48.50 m. COMMONLY															
		ASSOCIATED WITH MORE QTZ RICH LAYERS.															
		MAGNETITE ALSO COMMON WITH QTZ															
		VEINLETS + BRECCIA ASS. CHLORITE															
58.95	75.80	QTZ - BIO - CHL SCHIST	0	0	2	2	4					400051	58.95	61.95	3.0		
		SIMILAR TO ABOVE UNIT BUT WITH															
		AREAS OF PATCHY AND SILICA										400052	61.95	64.95	3.0		
		RICH BRECCIATED (?) AREAS															
		ALSO > 5% REMOBILIZED PYRITE										400053	64.95	67.95	3.0		
		IN LARGE CLOTS AND PATCHES															
		TO > 1cm IN PLACES										400054	67.95	70.95	3.0		
		FOLIATION QUITE CONSTANT @ 45° TCA															
												400055	70.95	73.95	3.0		
												400056	73.95	75.80	1.85		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-11

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
75.80	136.86	Chlorite-Biotite-Quartz Schist	0	1	1	1	2										
		f.g green to grey green schist. (AMPHIBOLITE)															
		Foliation very faint in f.g variety															
		more pronounced in c.g variety															
		Fol. ∠ 50° TCA															
		@ 79 m small bleached breccia															
		zone, some clay															
		@ 80.15-80.40 MASSIVE QUARTZ VEIN	0	0	0	3	3										
		WITH PYRITE ON selvedge															
		and in VEIN. LC 25° TCA															
88.0	94.0	INCREASED PYRITE					3					400057	88.0	91.0			
		Throughout this LARGE INTERVAL we															
		have										400058	91.0	94.0			
		(1) V.f.g and finely foliated															
		chlorite-biotite-qtz schist															
		(2) Interlayered zones of a										400059	97.0	100.0			
		med-CRS grained Hornblende															
		Feld-Quartz ± biotite schist. often										400060	100.0	103.0			
		with > 2% coarse Pyrite															
		no cpy Trace of Epidote										400061	103.0	106.0			
		Coarser Lithology also more commonly															
		hosts Quartz veins.										400062	106.0	109.0			
		RARE magnetite with coarse															
		hbl-amphibolite.															
		113.10-113.30 Foliated FELSIC															
		Dyke. Fol. 45° TCA defined															
		by V.f.g biotite, TR. Pyrite															
		and L contact 45° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-11

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		122.80 - 123.20 Coarse Quartz vein + chlorite, epidote and minor pyrite										400063	120.0	123.0			
												400064	123.0	126.0			
		123.45 - 123.80 F.g. FOLIATED felsic Dyke Fol defined by fine gr. sericite and biotite.										400065	126.0	129.0			
												400066	129.0	132.0			
												400067	132.0	135.0			
		130.76 - 131.0 quartz vein with chlorite and <2% py in blebs with chl		0	2	2	2					400068	135.0	138.0			
136.86	164.5	Quartz + biotite + chl + garnet schist (amphibolite) varies from fine to medium grained, green/grey up to 5% pyrite throughout, disseminated and larger blebs 1cm in size, parallel to and crosscutting foliation, fol = 63° TCA this is interlayered with more coarse-grained hbl - fsp - qtz - bi schist subhedral plag xtals (destroyed qtz?) e.g. hornblende, tr mt. 2-3% py fg. diss and up to 1cm size blebs local epidote along fractures at 152.19		0	0	0	2										
				0	0	0	1										
		143.70 garnets concentrated within low layer															
		158.80 W garnets become rare															
		164.5 fol = 42° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-11

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
158.52	159.06	Felsic dyke, pinkish v.fg.	0	0	1	1	2					400069	159.0	162.0	3		
		weak foliation defined by															
		f.g. biotite, 1% py diss.										400070	162.0	165.0	3		
		162.8 ↑↑ hn. ∨ qtz + plag										400071	165.0	168.0	3		
164.51	165.78	Quartzite, minor biotite f.g.										400072	168.0	171.0	3		
		v. weak fol.? defined by bit															
		ur. 52° TCA															
165.78	191.22	Interlayering of	1	0	1	1	2										
		fine to coarse-grained															
		(amphibolite) qtz-chl-bi-															
		hn schist, tr mt.															
		fol ≈ 38° TCA															
		minor epidote on fractures															
		alternates over cms between more															
		qtz-rich and more mica rich															
		183.40 ↑ chl "chlorite gouge" over 10 cm															
		very rare minor late chl veins with pyrite	1	0	0	1	1										
		minor carb on fractures															
		190.07-190.84 qtz augen															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-11

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		184.90 crenulation cleavage 10°TCA.															
191.22	208.28	Chlorite schist, minor biotite ↓ qtz, ↓ pg; minor intervals of more qtz-rich schist	0	0	0	0	2										
		194.30 "gouge-like"															
		201.81 – 202.22 ↑ amphibole-bn.															
		203.6 + 203.86 2x4cm wide pink to grey f.g. felsic dykes w/ 5% chl?															
		205.82 – 206.8 f.g. grey felsic dyke w/ 10-15% f.g. biotite, non-foliated, aphanitic on margins ≈ 15cm wide at UC ≈ 1cm wide at LC															
208.28	219.69	Quartz-biotite-chlorite-hbl schist locally < 5% garnets ranges from f.g.-m.g. foliation 70° TCA 210.40 tr CCR interlayered with m.g. Quartzite ↑ qtz + fsp. < 5% bi, weak fol^n with minor carbonate along fractures	2	0	0	1	1										

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-11

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		after 207.63 qtzite becomes equally as prominent w/ py throughout K-spar + epidote along fractures															
219.69		predominantly qtz-fsp-bi±k qtzite with varying concentrations of bi, alternates between m.g. beige to white mostly qtz+fsp <10% bi and f.g. grey bi-qtz-fsp foliation ~10° TCA															
231.00	232.00	more chlorite, + qtz musc schist ↑ py locally up to 5%	0	0	0	0	3					400073	231.0	232.0	1.0		
232.00	243.13	quartzite, beige to white m.g. minor bi + py weakly foliated - especially evident where bi is more abundant										400074	232.0	235.0	3.0		
												400075	235.0	239.0	4.0		
												400076	239.0	242.0	3.0		
		240.70 - 243.13 qtzite has abundant rusty fractures, some with carbonate; some epidote	1	0	0	0	1					400077	242.0	245.0	3.0		
243.13	248.63	qtz-bi-chl. schist grey/green, f.g. abundant carb ± chl along fractures / veinlets up to 1.5 cm wide minor k-spar + ep mainly appears ∥ to foln foln 46° TCA minor small-scale faults 18° TCA	3	0	2	3	1					400078	blank				
		EOH.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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HOLE NUMBER: LJ07-12

PROJECT NAME:	Lucky Joe
HOLE:	LJ-07-12
FINAL DEPTH:	229.51
DATE START:	June 11/07
FINISH DATE:	June 13/07
LOGGED BY:	Ann Ledwidge
CORE SIZE:	BTW
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7 **AZIMUTH:** 70 **DIP:** -50 **DEPTH:** 250

Northing: 7049193
Easting: 571284

Line No.: L 2E
Station: 400 SW

DOWNHOLE SURVEY:

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: To test edge of chargeability high, high copper and gold in soils and high Cu in rock; also weak vertical Resistivity low at surface?

SUMMARY: Overburden to 5.18m. Rock encountered was mainly Quartz-Muscovite+/-Chlorite+/-Biotite Schist, generally fine-grained, locally with trace pyrite and minor hornblende altering to chlorite. Chlorite +/- carbonate veins containing up to 5% pyrite and are strongly magnetic. Foliation is highly variable, with open folds; likely drilling down nose of fold. Only a few minor quartz veins encountered.

122.2-131.2m increase in biotite, 2-5% pyrite and trace ccp. 131-137m locally abundant garnets, trace ccp;

122-157m locally varies to chlorite schist with 2% pyrite in blebs and along foliation;
locally pinkish very fine-grained biotite (potassic alteration) and silicification.
154-155m is Graphitic Schist, which coincides with conductor (resistivity low).
189m pyrite stringers along foliation and affected by weak crenulation cleavage.
Overall low in sulphides; generally an increase in chlorite = increase in pyrite in blebs and along foliation. Rare traces of chalcopyrite.
Cut by rare, narrow, weakly and non-foliated Felsic dykes.

SAMPLE NUMBERS: 400079-400098 20 samples total - Shipment 3

DUPLICATES			
FIELD DUPLICATES:			
400090			
	STANDARDS:	**BLANKS:**	
	400086 CDN-CGS-11	400088	
LAB DUPLICATES:			

ASSAY CERTIFICATES:

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-12

Property:	Lucky Joe	**Azimuth:**	070°	**Logged By:**	Ann Ledwidge
Zone:	RYAN CREEK	**Dip:**	-50°	**Drilled By:**	Prospector
Claim:		**Hole Length:**	229.51 m	**Assays By:**	
Started:	June 11/07	**Casing:**	5.48 m	**Downhole Surveys:**	Acid Test
Completed:	June 13/07	**Core Size:**	BTW		
Coordinates:	L2E, 400SW				
Comments:					

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	5.18	Overburden															
5.18	23.40	Quartz + muscovite ± chlorite schist	0	0	0	0	0										
		green to grey, fine-grained															
		well foliated 43° TCA at 11.80															
		varies to parallel TCA at 21.03															
		minor small scale open folds with															
		minor faults along axial planes															
		11.92 - 14.83 quartz + chl schist, med-grained		0	0	0	1										
		tr. pyrite, tr hm alt° to chl															
		16.60 and 16.76 4+5 cm wide felsic dykes															
23.4	23.6	Felsic dyke, fine-grained, beige,	0	0	0	0	1										
		1-2% f.g. biotite, 1 mafic fractures,															
		tr. pyrite, contact is 54° TCA															
23.6	25.17	Quartz + muscovite ± chlorite schist															
		well foliated, foliation is highly variable															
		very likely drilling near nose of open folds															
		24.2 tr hm, altering to chl															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-12

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
25.17	25.97	Quartz vein, with abundant limonitic fractures, minor chlorite clots, trace mt, trace fine to med. grained subhedral pyrite	0	0	4	4	1					400079	25.17	25.97			
25.97	54.85	Quartz + muscovite biotite ± chl schist, v.f.g. greenish grey, well foliated, orientation highly variable, tr. v.f.g. py locally. tr mt	0	0	1	1	1					400086	standard CCS-11				
			0	0	1	0	1					400087	28.73	31.73			
		29.77 - 40.31 some meta-quartz sweats with chl. and 2 narrow 1-2cm wide qv	0	0	2	1	1					400088	blank				
		32.42 and 34.12 3cm wide felsic dykes tr py. d.iss.	0	0	0	0	0										
			1	0	0	1	1					400089	43.31	46.31			
		46.23 - 46.63 f.g. felsic dyke contact 35° TCA										400090 duplicate	43.31	46.31			
		50.51 - 51.01 along margin of felsic dyke contact 11° TCA															
54.85	59.65	Quartz + muscovite ± chlorite schist rusty, broken, with qtz + carb/chl veins or sweats? likely meta-quartz, appears to be 11 to highly variable foliation, no visible sulphides tr hm	4	0	2	0	0					400080	54.85	57.85			
59.65	122.80	Quartz + muscovite biotite ± chl schist v.f.g. highly competent, minor m.g. biotite fol 13° TCA, with qtz sweats, tr py w/ carb ± qtz stringers	1	0	2	1	1										
		60.75 - 61.65 6 chlorite veinlets ranging from 1 to 5mm wide ± carb 5mm vein offset by other fractures tr-2% f.g. Pyrite diss + along foliation	1	0	0	2	0										
			0	0	0	0	½					400091	71.60	74.60			

Chlorite veins, strongly magnetic.

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-12

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		67.19 - 70.40 Chlorite veins, with quartz and subto euhedral coarse grained py 2 parallel 6mm wide veins 6° TCA	0	0	2	2	2										
		87.07 - 91.63 minor rusty fracturing throughout	0	0	0	0	0					400092	87.20	90.20			
		93.56 - 93.88 felsic dyke, beige, f.g. 1-2% bi.															
		97.5 - 130.5 ± hornblende										400093	106.00	109.00			
		106.0 1cm quartz-chlorite vein	1	0	1	1	0										
		114.91 - 115.51 very quartz rich with sericite + chlorite, follows fol'n															
		115.51 - 115.87 3mm chlorite ± carb vein	3	0	0	1	0										
		116.34 - 116.75 2x5mm wide chlorite ± carb veins	3	0	0	1	0										
		116.85 - 117.42 quartz + sericite															
122.20	131.20	Quartz + musc + biotite schist v.f.g increase in py to 2-5%, tr ccp minor epidote, mostly along fractures locally, minor chlorite + sericite to 130.5 ± hornblende. 123.16 - 124.31 pinkish, f.g. biotite, silicified 126.48 - 127.28 pinkish, f.g. biotite, s/d 127.5 - 130.0 tr mt, weakly magnetic 128.01 coarse grained biotite 130.35 - 131.0 pinkish, f.g. biotite, silicified 130.75 coarse-grained biotite	3	0	1	0	2					400081	122.20	125.20			
												400082	125.20	128.20			
												400083	128.20	131.20			

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-12

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
131.20	137.05	Quartz + muscovite + biotite schist, chl. locally occurs with qtz sweats, well foliated fol. 25° TCA	0	0	1	1	1					400084	134.10	137.10			
		med green, locally abundant garnets										400085	139.36	142.36			
		133.10-134.95 ↑ pyrite in patches + often	2	0	1	1	R										
		along fol w/ chl, more of a chlorite qtz schist															
		136.65 - 136.90 f.g. biotite-qtz schist, irregular															
		contact ~10° TCA, 132.47 ± ccp?															
137.05	138.86	Quartz vein, very "bull qtz" looking															
138.86	157.58	Quartz + musc ± biotite schist, wl. minor chl sch.										400094	151.76	154.76			
		139.95 - 140.21, locally ~~fsp~~ phoric, metafelsic dyke?															
		138.86 - 139.36 v.f.g. biotite, silicified?	1	0	3	0	1										
		± qtz parallel to foliation															
		139.36 - 139.9 ↑ chlorite schist															
		py, appears to															
		follow foliation, up to 10%															
		local epidote + hem. staining															
		fol ± 13° TCA															
		variably silicified + f.g. biotite over whole interval															
		+ weak gouge (sericite schist)															
		qtz sweats, w/ 2% py + hem stain + ep.															
		148.9 - 151.90 weak crenulation	0	0	2	0	1										
		cleavage observed ~ 70° TCA															
		↑ muscovite, minor biotite															
		core becomes much less competent															
		<1% f.g. diss py															
		154.45 - 155.18 graphitic schist, contact 40° TCA															
		155.54 - 157.21 intermittent narrow	3	0	2	2	1										
		<5mm quartz - carb. veins															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-12

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
157.58	167.86	Quartz + muscovite schist light grey, fine-grained carbonate along fractures + in veins w/ qtz	2	0	1	1	1										
		160.40 - 164.05 intermittent graphitic schist	3	0	1	1	0										
		164.05 - 167.86 qtz + musc + biotite schist										400095	164.05	167.05			
		167.33 - 167.49 qtz + fsp pheric felsic dyke contact 12° TCA, non-foliated															
167.86	191.80	Quartz + biotite + musc + garnet schist varies from musc- to biotite-rich															
		169.58 - 169.80 F.g. felsic dyke weak foln w/ f.g. musc + bi															
		189.15 - pyrite stringers up to 3mm follow foln and show weak crenulation cleavage. foln 60° TCA cren cleavage 32° TCA															
191.80	197.20	Quartz + bi + chl + musc schist	2	0	1	2	2					400096	188.38	191.38			
		↑ chl, no garnets 1-3% diss. py + along foliation + fractures. minor 2cm wide chl + carb. veins with 2% c.g. euhedral pyrite										400097	191.38	194.38			

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-12

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
197.20	229.5	Quartz + biotite + musc schist light grey, intermittent gouge zones mainly from 205.90 to 213.78	1	0	1	0	2					400078	210.00	213.00			
		219.45 - 219.88 and 225.07 - 225.32 minor patches of silicification up to 1% py tr. qtz + carb along fracture															
		EOH.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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HOLE NUMBER: LJ07-13

PROJECT NAME:	Lucky Joe
HOLE:	**LJ-07-13**
FINAL DEPTH:	**255.72**
DATE START:	**June 14/07**
FINISH DATE:	**June 16/07**
LOGGED BY:	**Ann Ledwidge**
CORE SIZE:	**BTW**
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7 **AZIMUTH:** 250 **DIP:** -50 **DEPTH:** 250

Northing: 7049722
Easting: 571266

Line No.: L 1E
Station: 190 SW

DOWNHOLE SURVEY: Acid Test

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: To test upper edge of chargeability high and moderate Cu soil anomaly

SUMMARY: 0-4.27 Overburden. 4.27 Quartz-muscovite-biotite schist with moderate to locally intense k-feldspar alteration.
51 - 122 m "Quartz-eye's" are abundant within schist. Grades into schist with felsic bands. Possibly derived from coarse sandstone?
132.10-140.88 sericite schist gouge with <<1% malachite becomes more chloritic with <<1% malachite and <<1% chalcopyrite mineralization appears to be associated with somewhat brecciated quartz; small stringers of malachite and carbonate perpendicular to quartz vein and foliation; chalcopyrite also along foliation in schist; mineralized gouge/fault? At both upper and lower contacts
140.88- 143.75m Quartz-chlorite-biotite schist with traces of chalcopyrite throughout.
143.75-169.94m Quartz-chlorite-biotite schist alternating with Quartz-chlorite-hornblende+/-garnet schist and Qtz-fsp-musc schist; intermittent potassic alteration as very fine-grained biotite and intermittent silicification
169.8 and 187.5 quartz veins with trace pyhrotite; 224m possible trace molybdenite??
230-255m Amphibolite Schist, pyrite 1-3%; possible protolith is intermediate to mafic volcanic
Minor felsic dykes were encountered; carbonate stringers throughout

SAMPLE NUMBERS: 400124-400175 52 samples total - Shipment 5 and 6

DUPLICATES			
FIELD DUPLICATES:			
400132			
400160			
	STANDARDS:	**BLANKS:**	
	400136 CDN-CGS-11	400144	
LAB DUPLICATES:	400167 CDN-CGS-11	400164	

ASSAY CERTIFICATES:

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

Property:	Lucky Joe	**Azimuth:**	250°	**Logged By:**	Ann Ledwidge
Zone:	RYAN CREEK	**Dip:**	-50°	**Drilled By:**	Prospector
Claim:		**Hole Length:**	255.72 m	**Assays By:**	
Started:	June 14/07	**Casing:**	5.18m	**Downhole Surveys:**	Acid test
Completed:	June 16/07	**Core Size:**	BTW		
Coordinates:					
Comments:					

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	4.27	Overburden															
4.27		Quartz - muscovite - biotite schist	0	0	2	3	0										
		pink to grey, qtz >> bi + musc.															
		oxidized, non-magnetic															
		weakly to moderately foliated										400124	14.93	17.93			
		fol's 20° TCA															
												400125	29.93	32.93			
		5-9 m kspar alt moderate to intense	0	0	0	4	0										
		0.5 cm wide kspar? + qtz										400126	32.93	35.93			
		vein 25° TCA															
		minor epidote stringers 10° TCA															
		tr mag on fracture <1% limonite after pyrite															
		16.18-16.33 minor kspar + qtz vein															
		14.99-17.10 moderately pervasive															
		kspar >> epidote stringers															
		23.9 + 26.87 intense kspar															
		stockwork-like veining															
		29.00 1.5 cm wide kspar vein 40° TCA															
		30.40 1 cm wide kspar · 35° TCA															
		33.68 - 34.20 qtz vein															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		36.6 - 38.0 intense fracturing with kspar, minor epidote + hematite? mainly along fractures	-	-	1	4	1										
		37.0 trace disseminated pyrite ~2 mm kspar veinlet 20°TCA fairly constant orientation with intermittent zones of more intense stockwork-like fracturing and more intense kspar,															
		43.50 - 44.0 minor qtz vein/sweat? broken up core, limonite MnO on fractures ? poor recovery?															
		45.80 - 46.0 qtz vein															
		46.6 - 48.5 lim, hem + MnO ~~along~~ margins + in fractures in quartz, moderate-intense qtz veins 5-10 cm wide 20°TCA tr py, vuggy lim foliation 30°TCA	0	0	3	3	1					400127	51.51	54.51			
		51.00+ qtz eye's become more apparent ? possible meta-intrusive? or coarse sandstone?															
		54.5 - 56.5 moderate epidote + kspar (or hematite??)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		61.18 – 61.74 qtz vein + kspar (or hematite stain??) patchy pink throughout minor chlorite + MnO on fractures, some epidote															
		63.84 – 63.95 White qtz vein with minor pink kspar? or hematite?, MnO on fractures															
		64.25 – 64.35 qtz vein															
		66.5 – 69.0 minor epidote alt'n															
		69.15 5cm qtz vein + hem??															
		70.0 fol 40° TCA															
												400128	72.43	75.49			
		73.5 5mm qtz vein, clear 40° TCA cuts foliation ep + hem?? stringers x-cut schist + qtz															
		76.60 – 76.90 qtz vein? parallel to foliation "bull" qtz															
		79.0 "qtz eye" schist grades from biotite to more musc. + 1% disseminated subhedral to euhedral v.fg. pyrite foliation 60° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LT-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
82.24	82.44	Felsic dyke, pink/beige fine-grained U.C. 82° TCA qtz+fsp non-magnetic, non-foliated	–	–	–	–	–										
82.44	112.0	"Qtz eye" schist 1% vfg. diss py	–	–	1	1	1										
		83.65 - 1-2cm qtz vein, white/buff															
		85.30 - 85.40 rusty, intensely fractured qtz vein with 2% coarse euhedral pyrite cubes on margins U.C. 20° TCA										400129	85.08	85.58			
												400130	91.35	94.35			
												400131	94.35	97.35			
								Duplicate				400132	94.35	97.35			
		92.20 - 93.20 zone of moderate to intense carbonate veining	4	0	0	4	2					400133	97.35	100.35			
		91.40 - 99.9 moderate fracturing with Tm, Kspar alt'n minor sericite at U.C. Qtz eye schist + musc + local sericite at lower contact is 10cm wide zone of 2-3% py along fol. < 2% v.fg. py diss + along fol's															
		99.22 - 99.62 Felsic band ?? white, very weak fol'n ↑fsp ± mica, silicified + sericite + minor qtz vein															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** CJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		101.45 5cm wide clear qtz vein with minor hematite + lim staining on fractures with sericite gouge on upper contact U.C. 66°TCA K spar alt±										400134	100.35	103.35			
		102.35 3cm wide graphitic gouge										400135	107.64	110.64			
		102.35-103 2-3% diss py then lessens to 1% py															
		105.70 weak carbonate, locally pervasive, + along fractures															
		107.1-109.2 becomes more sericitic qtz → sericite, weak crenulation cleavage over 20 cm minor hem on fractures locally up to 10% py in blebs, generally v fg's															
		109.20 core becomes more competent															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
112.0	122.0	Gneissic banding - pinkish/grey more massive bands ↑ fsp + qtz ± mica interlayered with grey schistose bands with grey bands grading into more chlorite-rich tr-1% diss. pyrite weak carb. alt^{n} along fol^{n} weak-mod along fractures	1	–	–	1	1		Standard			400136	CDN-CGS-11				
												400137	118.80	121.80			
												400138	121.80	124.80			
												400139	128.00	131.00			
												400140	131.0	134.0			
												400141	134.0	137.0			
												400142	137.0	138.5			
		112.75 2cm q.v.										400143	Blank				
		115.73 minor ep - along fracture															
		115.85-115.93 10cm "bull" qtz															
		116.87-116.98 varies from weak to intense carb stringers															
		118.2-118.3 2% py along fol^{n}															
		120.0-120.17 minor gouge															
		120.17 weak pervasive carb + mod. along fractures															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		Malachite	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
122.0	131.95	"Qtz-eye" schist similar to above with chl + f.g. hornblende with bands of coarse hornblende. intermittent Kspar															
		121.8-122.6 2-3% py.															
		123.0 1cm qtz-chl vein.															
		127.77 1cm qtz vein															
		130.45 1.5cm q.v.															
131.95	132.37	gouge, sil^a schist + broken q.v.															
		132.10-132.20 sericite schist gouge with << 1% malachite	—	—	—	—		1									
		132.30 4cm q.v.															
132.37	133.0	more chlorite with 1% garnet															
		132.10-133.8 << 1% malachite and << 1% ccp.	1	—	3	3	1		1								
		appears to be associated with qtz. qtz is somewhat "brecciated" although appears parallel to foliation. "qtz flooded"? abundant small stringers of malachite + carb. perpendicular to q.v. + fol^n															
		weak carb stringers															



0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		ccp	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		ccp is disseminated in "brecciated" qtz and in schist										400144	138.50	140.88			
		mal + ccp are also along foliations										400145	140.88	143.88			
												400146	143.88	146.83			
133.0	133.8	gouge - like some competent pieces of core in amongst rubbly / gouey pieces										400147	146.83	149.83			
												400148	154.40	157.40			
133.8	138.61	Qtz - bi. schist, silicified + kspar altd with minor carbonate stringers															
138.61	140.88	Mostly gouge, 1 chl at upper contact, 10cm interval with tr ccp - appears to have minor qtz associated					1		1								
140.88	143.75	Qtz - chl - bi. schist, more competent core, minor hem? stained qtz or possible kspar ?? with tr ccp diss. throughout + 1% py from 140.88 - 143.85 some carb veinlets					1		1								

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
143.75	144.80	qtz-chl-hnbl ± garnet schist															
144.8	147.28	Intervals of ↑ chl-rich and intervals of ↑ hnbl-rich and some minor intervals of musc-rich															
		114.75; 115.06-115.16 Small fault zones	1	–	–	–	1										
		Some carb; tr diss py															
147.28	169.94	Interlayering over cm scale of more qtz-fsp-musc ± chl-rich bands with more bi-rich bands as v.f.g. bi (potassic alteration) mod. carb. stringers															
		146.67-146.87															
		147.85-147.90 F.g. felsic dykes 2 cm wide.															
		148.2 5 cm wide breccia zone															
		152.55 very thin layer of graphitic schist															
		149.90-151.30 carb stringers															
		158.19-158.50 carb stringers															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LT-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		~~to 60° TCA. - consistent.~~															
		~~this may be a meta-siltstone~~															
		this unit also includes minor															
		silicified sections generally 10-20cm															
		wide + 2to3cm wide qtz-sericite bands															
		@ 155.85-156.15 silicified + brecciated															
		161.10 - 165.48 1-3% garnets															
		165.63 - 165.75 white qtz + chl + Py,															
		168.65, 168.94, 168.99 are thin (<1cm) bands										400149	166.94	169.94			
		of silt to arg-sltst schist with small															
		x-cutting stringers of carb															
		 pinkish/purple, well laminated															
		169.62 - 169.92 6 thin <1cm wide			2	2	1										
		qtz veins w/ tr pyrrhotite															
		and tr py with minor															
		x-cutting carb on fractures															
169.94	170.65	Quartz-muscovite schist															
		very broken intermittent gouge															
		at 170.50 is minor graphitic schist															
		adjacent to v. small felsic dyke															
		Protolith ⇒ sediment, siltstone?															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
170.65	176.00	Quartz - biotite - muscovite ± garnet schist	2				1										
		dark grey to light grey, ≤1% py vfg															
		disseminated, garnet-rich intervals.															
		Becomes more qtz-rich & musc															
		near bottom of this interval															
		Moderate carbonate stringers throughout															
		172.58 - 172.75 Quartz vein with biotite,															
		tchl? upto 5% ad'l															
		white, rock very broken															
176.00	177.72	Mostly black Graphitic Schist															
		with v. minor 20cm wide															
		interval of silicified Qtz-bi															
		+ garnet schist. Qtz >> bi with															
		intense carbonate stockwork veinlets															
177.72	178.28	Silicified Qtz-bi-garnet schist															
		possibly potassic alteration?															
178.28	184.17	Qtz-chl-musc-garnet schist															
		Grey/green, fine-grained															
		well laminated, thin laminations of graphite															
		garnets are altered and appear															
		mod. greenish, possibly chl.															
		foliation 67° tca															
		179.77 - 179.88 Foliated Quartz-musc.															
		sericite?															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		179.95-179.98 Qtz vein "bull qtz" looking														
		180.85 irregular Qtz vein with x-cutting carb stringers														
184.17		Qtz-biotite schist ± chlorite contact is very gradual, no garnets intervals of v. thin laminations of bi + chl much less carbonate - stringers rare py ↑ 1-2% disseminated throughout + along fols	1	–	1	1	2									
187.45	187.75	Qtz veins 0.5 cm wide with 2% py trace pyrr. within veins + plgs along fols of schist vein appears to be 1 folded in tight folds throughout interval														
188.17		Qtz-biotite-hornblende-chlorite schist med grey/green, gradual more intervals of coarser-grained ↑ hrnbl and intervals of ↑ qtz + plagioclase Ssp, plags is clay altd in places		1							400150	190.35	193.35			
190.66	193.35	Fault zone, very broken qtz-bi chl schist oxidized, abundant fm + carbonate fractures, poss Fe-carb throughout, gouge subparallel TCA minor chl ± qtz veining + 1% py large blebs	3	–	1	2										

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
193.35	213.6	Qtz-bi-chl schist purple to light grey and dark grey, very thin (mm) laminations varying from qtz-bi-garnet ± chl ± to qtz-chl (qtz>chl) both with 1-2% py diss + along foliation.	1	0	1	1	2					400151	193.35	196.35	3.0		
												400152	196.35	197.85	1.5		
												400153	197.85	200.85	3.0		
		to qtz+fsp (plag) ± epidote thicker (cm-scale) bands										400154	200.85	203.02			
												400155	203.02	205.44			
		Minor qtz + chl veining, with Minor carbonate stringers, minor ep. veining										400156	205.44	207.16			
												400157	207.16	210.16			
		196.94 - 197.57 tr ccp, 1-2% py diss +along fol'n, ↑chl v.fg. () chloritic qtz/ep minor qtz bands? fragmented looking blebs	0	0	1	1	3					400158	210.16	213.16			
		197.03 - 213.60 ↑ hn + garnets in some intermittent bands										400159	213.16	216.16			
		202.60 epidote						duplicate				400160	213.16	216.16			
205.44	207.13	Fault zone ↑qtz-rich ↑carbonate - filling between very rubbley broken rock qtz-rich oxidized, with minor ep. fragments	4	0	3	2	-										
207.13	223.42	Same as unit above fault silicified locally near fault becomes more chlorite-rich with v.fg. py tr. ccp. along fol'n some intervals with fsp qtz with carb. stringers x cutting locally up to 5% v.fg. py along fol'n fol'n 70° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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ccp appears to be fol'n controlled + also related to alteration (v.fg. inclusions ccp)

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		213.15 - 223.42 Qtz-chl-hn Schist ↑↑ py 2%	1	-	2	2	2									
		very qtz-rich with less chl than unit above														
		abundant 2-5 mm wide qtz ± chl veins? parallel to fol^n, although rare x-cutting minor carbonate stringers throughout														
		hn concentrated in intermittent bands.														
		213.82 - 213.95 Meta-felsic dyke? w. weak fol^n, minor kspar														
											400161	216.16	219.15			
		217.10 becomes ↑plag + garnets. Some intervals are magnetic with more oxidized stringers 1-2% pyrite									400162	219.15	222.15			
		at 223.10 rock is very broken, appears due to chl. veining									400163	222.15				
223.42	225.24	Quartz-sericite schist white, qtz >> sericite, v.f.s.									400164	blank				
									grab		400165	224.03	224.09	.06		
											400166	223.42	225.24			
		224.03 - 224.09 6cm grab of whole core, suspect MoS_2 trace, very soft, bluish grey metallic in qtz sericite schist with lt brown musc/bi? in 6cm section.								standard	400167	CDN-CGS-11				

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
225.24	229.97	Qtz-biotite-hornblende schist	1	-	-	1	1										
		Amphibolite (possibly Int. volcanic)															
		dark grey to green															
		Interlayering of coarse hn+plag															
		rich bands with biotite															
		and biotite-rich bands															
		tr. magnetite (on xtal with py within)															
		tr py															
229.97	230.82	Felsic dyke, fine grained															
		light grey															
		Kspar-qtz, 2-5% biotite															
		Kspar altered, along fractures															
		with epidote															
230.82	255.70 (eoh)	Amphibolite schist	1	-	1	1	2										
		with garnets, biotite chlorite															
		1-2% py diss, ½ minor carbonate veins															
		less than seen in above units															
		233.30 - 233.80 silicified	-	-	4	-	2					400168	233.30	236.30			
		qtz >> bi, no hn or garnets															
		↑↑ py 2-3% diss +															
		along foliation															
		233.80 - 235.35 ↑↑ chlorite ↑↑ py 2-3%	-	-	-	-	2										
		chlorite schist															
		grades back into amphibolite															
		schist															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-13

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		237.10 ↑ py locally in large >1cm	–	–	–	1	2					400169	236.30	239.30			
		-245.32 blebs, overall 2-3%															
		coarse-grained hn + plag + qtz										400170	239.30	242.30			
		appears broken up and															
		chlorite altd in places										400171	242.30	245.30			
		rare chl veins, moderately magnetic															
		245.32 dark green chlorite										400172	245.30	248.30			
		-247.04 schist, gouge like in															
		places, strongly magnetic										400173	248.30	251.30			
		still ↑ py															
												400174	251.30	253.30			
		247.04-247.54 Felsic dyke	–	–	1	1	–	–	–	–	–						
		qtz + kspar, minor										400175	253.30	255.70			
		qtz veins															
													EOH				
		250.24-253.45 more chl-rich layers	1														
		carbonate stringers increase															
		moderately															
		with 1/cm wide chl veins															
		± carb															
		moderately magnetic															
		E.O.H.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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HOLE NUMBER: LJ07-14

PROJECT NAME:	Lucky Joe
HOLE:	LJ-07-14
FINAL DEPTH:	298.7
DATE START:	June 18/07
FINISH DATE:	June 22/07
LOGGED BY:	Peter Ledwidge
CORE SIZE:	BTW
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7 **AZIMUTH:** 250 **DIP:** -75 **DEPTH:** 250

Northing: 7049722
Easting: 571266
Elev.
Line No.: L 1E
Station: 190 SW

DOWNHOLE SURVEY: Acid Test

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: To test large chargeability high, resistivity low at depth and moderate Cu soil anomaly

SUMMARY: 0 -3.35m Overburden.
3.35 - 185m "Quartz eye"-biotite+/- muscovite+/-chlorite schist, moderate to intense Kspar alteration/veining possible meta-intrusive or coarse sandstone??
28 m possible trace very fine-grained chalcopyrite 72.6- 72.8m trace malachite in quartz-muscovite schist
127.5 trace chalcopyrite in sericitic bands in quartz-muscovite schist with v.f.g. pyrite bands.
173.5 trace chalcopyrite and 20% pyrite in quartz-flooded brecciated fault zone
185 -240m Quartz-muscovite+/- biotite schist with graphitic schist, and sericite gouge in upper portion; possibly meta-sediment trace to 1% chalcopyrite (more locally) 185-195m, minor magnetite and possibly trace pyrrhotite.
210m fold nose, possible large open folds
240m Quartz-chlorite+/-biotite+/-garnet schist, meta-andesite?, biotite may be potassic alteration, trace f.g. pyrite, locally silicified and Amphibolite Schist interlayered mafic and felsic bands, 2-10% large pyrite blebs throughout both units, mod carb alteration

SAMPLE NUMBERS: 36001 - 36082 82 samples total - Shipment

DUPLICATES			
FIELD DUPLICATES:			
36031			
36050			
36070	**STANDARDS:**	**BLANKS:**	
	36045 CDN-CGS-11	36021	
LAB DUPLICATES:	36065 CDN-CGS-11	36043	
		36060	
		36080	
		36081 blank with Kopr-Kote	
		36082 Kopr-Kote rubbed off	

ASSAY CERTIFICATES:

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

Property:	Lucky Joe	**Azimuth:**	250°	**Logged By:**	Peter Ledwidge
Zone:	RYAN CREEK	**Dip:**	−75°	**Drilled By:**	
Claim:		**Hole Length:**	298.7	**Assays By:**	
Started:	June 18/07	**Casing:**	4.57	**Downhole Surveys:**	
Completed:	June 22/07	**Core Size:**	BTW		
Coordinates:					

Comments: (Run B) Run A - hole was lost due to broken locking coupler

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	3.35	OVERBURDEN	0				0										
3.35	31.20	Quartz-bio schist. - Hard															
		Med-grey Fol outlined by															
		5% bio, / 5% qtz eyes															
		Limonitic ≤ 1m stringers throughout															
		Rock looks like a metamorphosed															
		intrusive. Schistosity mod.															
		developed. Local K-spar															
		veinlets in wkly brecciated areas.															
		no apparent sulphides although															
		limonitic blebs + stringers may be															
		weathered Py. Mn ish fracture planes.															
		4.00 Fol @ 14°															
		13.00 Fol @ 13°															
		Local apple green stringers + blebs (saussecitization?)															
		8.10 − 9.30 - Strong K-spar										36001	8.10	9.30	1.20		
		alteration +															
		20.80 − 23.50										36002	22.80	23.50	2.70		
		Mod-Strong K spar comprised of															
		5% ≤ 3mm random stringers.															
		23.50 − 31.20			Trace		CPY					36003	23.50	26.0	2.5		
		Bxed/silicified and qtz flooded - Strong K-spar										36004	26.0	28.5	2.5		
		Qtz has light green tinge + spar is										36005	28.5	31.20	2.17		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

IN-I Intervalent

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		associated w v.f.g. light green specks (possibly epidote). Qtz has trace Mt.															
		Poss. v.f.g. Cpy @ 28.1															
		Contact sharp but rubbly															
31.20	39.80	Qtz - musc schist - light grey, hard.	0				0										
		10% white plag ≤ 2mm, 10% v.f.g.															
		white to pale green musc.											34.80	37.80	3m		
		local K spar ≤ 2m stringers															
		Weakly defined foliation															
		No apparent sulphides															
		≤ 1% v.f.g. chl. - sometimes in															
		blebs. // to fol.															
		Minor sericite throughout.															
		Protolith - Intrusive															
		34.8 - 35.80										360006	34.8	35.80	1m		
		Sericite gouge -															
		37.4 fol 65° to CAX															
		Contact marked by weak breccia zone - gradational															
39.80	50.60	Qtz - musc - Bio - ± chl. schist	0				0										
		Med - dark grey/green mottled, hard. Weak															
		fol. Protolith intrusive. Bio 3%, chl 1%															
		local 10 - 20 cm patches															
		of med pink K-spar															
		39.80 - 40.70 - W/sly brecciated										360007	39.80	40.70	0.90		
		Fractured filled w qtz / K spar															
		v.f.g. chl. + tr. v.f.g. Py															
		42.67 - fol @ 20° to CAX															
		42.75 42.90 - 1cm qtz/K-spar/					3	Py				360008	42.75	44.85	2.10		
		plag band // fol. Xcut by 0.5cm															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		veinlets of same composition. Both have 3% oxidized ≤ 3mm euh. Py + 2% Mt blebs, 3% chl. blebs 44.5 - 44.83 Intense veinlets w K-spar slightly higher bio content														
		Lower contact sharp + // to fol.														
50.00	92.72	Qtz - Musc. schist ± bio ± chl. Med/fine banded schist w variations as noted - well foliated. Areas of ① K-spar, alt., ② chl. and/or bio ③ limonite														
	(B)	50.60 - 53.10 Qt-Musc-sch- Mostly strongly limonitic + partially vuggy where Py has been leached out Well foliated 51.10 fol at 40° to CAX 52.53 fol at 60° to CAX Blue qtz eyes - suggests intrusive protolith	O								36009	50.60	53.10	2.4		
		① 52.17 - 52.53 - white pink K-spar rich felsic dyke, wkly fol. Sharp lower contact // fol.														
	(I)	53.0 - 60.50 - Qtz-musc sch. wk to strong K-spar in blebs + stringers // + X cutting fol. v.f.g. diss Py in foli planes along w Mn (possibly rhodochrosite?) K-spar decreases downhole. Contact gradational over 10 cm lower contact gradational over 30 cm	O								36010	53.10	55.62	2.62		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
	(3)	55.62 - 56.20 - w/r limonite															
	(1)+(3)	60.50 - 65.20 - Intermixed w/r. limonitic (w some limonitic stringers) Also has K spar stringers. 1-2% diss ox f.g. evh. Py throughout Minor hem in stringers. Locally to wkly fol. local qtz eyes. 61.95 - 62.08 - Felsic dyke with minor qtz flooding. 1% diss oxy Py tr. Py hnblende. K-spar rich 64.5 - Fol 52° to CAX	(1)				Py					36011 36012	60.50 62.85	62.85 65.20	2.35 2.35		
		65.20 - 68.47 - Qtz - musc bio sch. V. wkly foliated - qtz eyes tr. diss v.f.g. oxi Py 67.05 - fol. @ 20 to CAX (1) 66.80 - 67 K-spar rich band					Py	Tr.									
	(1)	68.47 - 85.58 (0) - Mod-strong K spar in stringers - Mod. sericite 1-3% Chlorite - tr. metallic v.f.g. dis mineral (too small to tell + logging outside meters bad lighting) poss hem. 1-2% diss oxi py. 20% of this sub-unit has little or no K-spar - band of decimeter or less. Also minor local bio 72.60 - 72.80 - trace Malachite 77.40 - 78.0 - bull qtz w K-spar + chlorite.	(3)				Mal	Tr.				36013 36014 36015 36016 36017 36018	68.47 71.50 74.50 77.50 80.50 83.50	71.50 74.50 77.50 80.50 83.50 85.58	3.03 3.00 3.00 3.00 3.00 2.08		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** JL-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		CAX Measurements															
		64.5 – 21° to CAX															
		70.5 – 45° to CAX (Possible															
		76.5 – 47° to CAX (large fold															
		81.7 – 55 to CAX)															
	(3)	85.58 – 87.18 – limonitic & hematite										36019	85.58	87.18	1.6		
		stringers + patches – tr-1% v.f.g. Py					Py										
		87.18 – 92.72 – strong K-spar															
		stringers + patches getting weaker															
		to nil + gradually towards															
		lower contact. (90.30 – 92.72)										36020	88.30	90.45	2.15		
		89.50 – 89.30 – Epidote veinlets										36021	BLANK				
92.72	98.20	Qtz bio ± chl. meta intrusive	0														
		Hand-5% v.f.g bio ∈ 1% v.f.g. chl.															
		Rest is qtz/plag + minor K-spar.															
		No apparent sulphides. Minor															
		pyrolusite on fractures. Non to v. weakly fol															
		therefore younger than is the schist/gneiss. Felsic															
		probably intrusive – local 10cm to															
		30cm right K-spar enriched areas.															
		lower contact sharp @ 18° to CAX marked by 10cm felsic d-ike															
98.20	112.77	Qtz-musc ± bio schist. Hard –	1														
		2-3% v.f.g. bio. well foliated Med															
		grey green, reddish where there is															
		K-spar stringers tr. diss. v.f.g. Py															
		local epidote rich patches.															
		@ 103.90 – 104.50 – 3 2mm carbonate										36022	103.0	106.0	3m		
		stringers w/ Mt + Py. Concentrated for															
		3cm @ 104.40															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** JL-07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		CAX Measurements:															
		99.5 – 46° to CAX															
		106.5 – 45° to CAX															
		Lower contact gradational.															
112.77	132.49	Qtz Musc schist -	D				Py	1%									
		Hard – Interlaminated non limonitic to strongly limonitic. limonite is in stringers and in other sections throughout core. local pyrolusite in stringers + on fractures - Core is orange in most places. 1% vfg Py															
		113.0 – 115.4 – strong K-spar, 2 5cm qtz veins w pyrolusite ± Mt, epidote.										36023	113.0	115.4	2.4		
		118.30 – 118.45 – small gouge zone										36024	118.0	121.0	3.0		
		127 – 127.60 – Sericite bands 2-3%					Py	2-3%				36025	127.0	127.70	0.70		
		Py, locally more. 127.50 – tr Cpy					Cpy	tr.				36026	127.70	130.20	2.50		
		in bands of v.fg. black Py (flood).										36027	130.20	132.49	2.29		
		128.65 3cm limonitic gouge															
		130.20 – 131.60 – Brecciated + qtz flooded – K spar band (1cm)															
		chlorite blebs – higher Py % age (2-3%) in blebs.															
		131.80 – 132.49 – Strongly broken + gouged															
132.49	162.30	Qtz-Musc schist interbanded w qtz-musc bio schist and meta-intrusive qtz musc schist.	D				Py	1-2%									
		QMS is well foliated, med grey/green (thin K spar stringers)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		QM bio sch. is mod soft, dark grey															
		& has 5% bio, 2% f.g. foliation															
		Py. well foliated.															
		Meta intrusive QM schist is v. weakly															
		foliated (i.e. later) & is light grey															
		w white plag & qtz eyes.															
		10% meta intrusive bands from															
		0.5cm to 30cm.															
		QMS & QMSBio are equal & grade															
		into each other.															
		Sample 36028 comprises all 3 rocks										36028	134.00	137.00	3.00		
		Lower contact is sharp & marked by															
		micro brecciation zone of 5cm															
		CA x measurements															
		134.20 52°															
		140.20 50°															
		142.15 - 142.60 - Sericite zone w limonite										36029	142.15	142.60	0.45		
		1-2% v.f.g. Py > more in blebs															
		145 & 145.45 - bottom/hanging vein w ksp															
		147.60 - 148.33 - QMS - w/s ksp															
		in stringers															
		148.33 - 151.50 - QMS - bio - 1% vf Py															
		Fol. @ 50° CA															
		151.50 - 154.60 - QMS - wh to										36030	151.00	154.00	3.00		
		mod silicified + ksp patches										36031	Duplicate			for	36030
		+ stringers Epidote + ksp on fractures															
		154.60 - 155.15 - QMS Bio-rich															
		155.15 - 159.45 Meta intrusive	1									36032	156.45	159.45	3.00		
		QMS w QMS bio band (15cm)															
		- Patchy areas of ksp & epidote															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		wk - carbonate as stringers in K-spar rich areas.															
		157.45 - 162.30 - QMS - minor limonitic stringers. Some v. bio rich bands, almost 100% bio. (2cm wide) 161.54 - 162.30 broken up minor gouge.										36033	159.45	162.30	2.85		
		155.0 Fol @ 45° to CAX Contact gradational															
162.30	185.82	Qtz bio - chl. schists w garnets sparkled looking light grey to white w 5% bio and 2% chl. elongate blebs outlining foliation. ≤ 1% f.g. pink almandine garnet porphyroblasts. - mod. soft rock. Local minor carbonate stringers. 1-2% diss f.c. Py + also local large blebs. Areas of K-spar turn rock pink over contacts + local K-spar stringers	1			Py	1-2	%								
		164.20 fol @ 57° to CAX															
		168.20 - 168.5 - Metasiltst. QMS															
		168.70 169.95 - K-spar alt + rock w/ bls + veined															
		169.95 - 170.95 - Rock dust - higher bio + chl. content. 1% Mt blebs										36034	169.95	170.95	3.00		
		171.90 - 173.100, 173.73 174.80 - fault - gouged - minor limonite and sericite.										36035	171.90	174.80	2.90		
												36036	174.80	177.80	3.00		
		173.43 - 173.63 - 20% Py in qtz K-flooded					Py	3	%			36037	177.80	180.80	3.00		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		brecciated zone - CPY is in ≤ 0.5 cm										36038	180.80	183.80	3.00		
		blebs - 3-5% Mt blebs.										36039	183.80	185.82	2.02		
		180.20 - 181.60 - Hspar alt (pink)															
		181.05 - 181.20 qtz/carb vein w/ Mt + bio															
		182.50 - fol 72° to CAX															
		Lower contact gradational over 20 cm.															
185.82	188.63	Qtz-bio-musc schist -					CPY	Tr	-1%			36040	185.82	187.22	1.40		
		Med to dark grey w/ white ≤ 1cm										36041	187.22	188.63	1.41		
		musc rich bands - Hard - probably															
		silicified - probably meta sediment															
		CPY // to foliation in blebs from															
		≤ 0.5mm up to 0.5cm. Tr - 1%,															
		more locally, CPY more abundant															
		in first half of unit. Mino - Mt															
		+ possibly pyrrhotite present.															
		188.50 fol @ 64° to CAX															
		Contact sharp															
188.63	191.10	Sericite - over										36042	188.63	191.10	2.47		
		Contact sharp										36043	BLANK				
191.10	827.20	Intercalluted Qtz musch schist,	W				Py	1%									
		carbonaceous to graphitic schist, and qtz-bio															
		musc schist. Occasional felsic intrusive															
		bands. All bands are on a cm															
		to multi decimeter scale. Protolith															
		are sedimentary except for felsic intr.															
		which are weakly foliated.															
		All units are hard except graphitic															
		schist.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Graphitic/carbonaceous schist is dark grey to black, gougey, has 5-10% white qtz + carbonate stringers into qtz musc schist															
		Qtz musc. schist is light grey from has qtz/carb stringers // & ⊥ to fol.															
		Qtz bio schist has 2-3% v.f.g. bio giving purple hoots.															
		All (except felsic dykes) have mod pervasive carb as well as xcutting carbonate stringers.															
		192.90 - 194.00 - orange blebs in qtz - May be K-spar but doubtfull. (Hard - can't be scratched w nail) Possibly rhodochrosite At 194.00 can see speck of CPY in this mineral. CPY speck at 194.20					cpy	tr									
		192.45 - 207.26 - Strongly broken to completely gouged. Fol 73										36044	192.45	195.50	3.05		
												36046	195.50	198.50	3.00		
		198.12 - 207.26 - poor recovery ? 50% of core missing.										36047	198.50	201.50	3.00		
												36048	201.50	204.50	3.00		
		207.26 - 209.6. Mod. gouged.										36049	204.50	207.26	2.76		
		209.30 - fol @ 57° to CA										36050	Duplicated for			36049	
		208.90 - 212.20 - Carbonaceous qtz musc schist - grades into qtz bio-musc schist at 212.20										36045	Standard			CDN-GGS-11	
												[illegible]					
												36051	207.26	210.20	2.94		
		210.31 - 10-15 cm fold nose.										36052	210.20	213.20	3.00		
		211.10 fol at 47° to CA										36053	213.20	216.20	3.00		
		212.30 219.45 - Mostly qtz bio schists silicified in areas 5% garnets (<3mm)										36054	216.20	219.20	3.00		
												36055	219.20	222.20	3.00		

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		213.36 fol @ 50° to CAX										36056	222.20	225.20	3.00m		
		217.0-219.45 fol @ 45° to CAX to 05 to CAX folded area.															
		220.00 - 227.20 - 30% of core is grouped - Alternating from all 3 rock types on cm scale to 30 cm at most.															
		221.25 - 221.65 felsic dyke 95% qtz 5% musc - wkly foliated. lower contact marked by absence of graphitic schist.										36057	225.20	228.20	3.00m		
												36058	230.20	233.20	3.00		
227.20	240.00	Same unit as above, minus graphitic schist. basal qtz chloritic bands - qtz-musc schist is weakly carbonaceous. V. wk carbonate stringers through all rock types. (vuggy-pervasive as before) Qtz Musc (carbonaceous) schist has 2-3% f.g. pink garnets. 234.0 - 235.0 Chl.-qtz schist band w 1% f.g. Py. Rest of rocks have Tr v.f.g. Py lower contact marked by large amount of chl. qtz schist.	1				Py	Tr	-1%			36059	236.20	239.20	3.00		
												36060	BLANK				
												36061	242.20	245.20	3.00		
												36062	248.20	251.20	3.00		
													[illegible]	[illegible]			
240.00	264.60	Chlorite-qtz schist ± bio - biotite in the schist is interpreted to be the product of alteration. qtz chl. schist is assumed to be a meta andesite. Rock is soft.	2														

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		lwk- pervasive carb as well as in qtz carb blebs, usually w/ lt-spar ± epidote.															
		Chl. qtz sch. is 60% chl. 40% v.f.g. qtz lamillae															
		chl/qtz sch. is mod magnetic															
		244.40 – 246.40 – 5% epidote															
		veinlets ± stringers – both w lt-spar															
		246.40 – 5cm non fol															
		felsic dyke															
		246.70 – fol @ 65° to CAX															
		249.00–250.10 – Crowded chl./qtz schist															
		252.82 – 253.20 – Strong lt-spar ± epidote,										36063	251.20	254.20	3.00		
		bands mach fol. @ 83° to CAX – silicified										36064	254.20	257.20	3.00		
		Lower contact sharp, marked by 252.82										36065	Standard			CCM-CG-5-11	
253.20	257.50	Qtz-bio ± chl. schist – silicified	T				Py	Trace									
		± altered. v.f.g. bio – light green															
		to pinkish (bio) 1% v.f.g. bio															
		1-2% f.g. almandine. Trace hairline															
		x cutting carb stringers. Tr.–1%															
		v.f.g. py.															
		257.1 fol @ 65° to CAX															
257.50	264.00	Chlorite ± qtz schist.	W				Py	Tr									
		Soft – dark green – lwk. perv. carb										36066	258.20	261.20	3.00		
		± bio in x cutting stringers															
		Trace v.f.g. folia-form Py															
		250.2 fol @ 55° to CAX															
		263.60–264 – Silicified ± hard															
		marks lower contact															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
264.00	270.22	Chlorite quartz amphibole schist - Dk/lt green + white bands/tr blk amphibole blebs // to fol. Amphibole is likely alteration product of chlorite. Soft except where silicified locally. Minor Mt blebs - local epidote + wk k spar lamillae. Tr. x cutting carbonate hairline stringers. 2-3% conkordant Py blebs as well as in x cutting stringers tr-1% (locally) garnets.	T				Py	2-3%				36067	264.20	267.20	3.00		
		265.17 - 267.3 - Strongly broken up - small gouge zone at ~265.5.															
		267.37 - 268.37 - 80% x core silicified light grey + hard. 265.30 fol @ 82° to CA															
264.00	284.25	Gneissic chlorite/amphibole/qtz schist	T				Py	2-3%				36068	267.20	270.20	3m		
		Interbanded dark green (soft) chl/amph.										36069	270.20	273.20	3m		
		rich to white (hard) felsic bands -										36071	273.20	276.20	3m		
		tr wk x cutting carbonate stringers										36072	276.20	279.20	3m		
		2-3% f.g. Py + blebs (up to 0.5cm)										36073	279.20	282.20	3m		
		white felsic bands have some foliaform										36074	282.20	285.20	3m		
		muscovite flecks. Some light green															
		bands that look silicified. Entire										36070	Duplicate for 36069				
		unit is mod. broken up.															
		278 - 284 - Strongly broken up + local brecciation - Mafic bands															
		have some m.g. brown bio overprinted															
		on the chlorite (alteration?)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-14

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
284.25	298.70	Qtz chlorite/biotite/sericite/pyrite schist	3				Py	5-	7%			36075	285.20	288.20	3.00		
		Dark green/white/brown/light green										36076	288.20	291.20	3.00		
		schist. Wavy foliation + folded										36077	291.20	294.20	3.00		
		locally. Changes from chl. rich to										36078	294.20	296.20	2.00		
		bio rich on mm to cm scale										36079	296.20	298.70	2.50		
		local sericite rich bands 2-3%											296.70				
		f.g. foliaform f.g. Py as well										36080	Blank				
		as local (up to 10%) Py porphyroblasts										36081	Blank w/ Kspr				
		pods. Minor garnet porphyroblasts.										Kute	smeared on rock				
		Mod pervasive disseminated carbonate															
		as well as x cutting stringers + blebs										36082	Blank	w/	Kspr		
		Fol. very irregular + wavy ranging										Kute	smeared	on	rock		
		from 87° at 289.6 to 50° @ 296.5										& then	wiped	off.			
		Local Kspar blebs in qtz.															
		298.70 EOH															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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HOLE NUMBER: LJ07-15

PAGE 1 OF 1

PROJECT NAME:	Lucky Joe
HOLE:	LJ07-15
FINAL DEPTH:	152.1
DATE START:	
FINISH DATE:	
LOGGED BY:	Ann Ledwidge
CORE SIZE:	BTW
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7

Northing: 7049618

Easting: 570974

Line No.: L 1E

Station: 500 SW

AZIMUTH: 70 DIP: -55 DEPTH:

DOWNHOLE SURVEY: ACID TEST

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: to test chargeability high and weak Cu soil anomaly

SUMMARY: 0 to 2.3 Casing

2.3 to 15.3 Chlorite quartz schist ± muscovite

15.3 to 18.1 Felsic dyke

18.1 to 46.0 Chlorite-quartz schist, cg blebby pyrite, possible vg at 36.2m

46.0 to 152.1 quartz-chlorite-biotite±sericite schist, minor felsic bands parallel to foliation,
tr cpy at 46.4, 50.5. 51.8, 122.0 to 124.4, 125.0 to 125.2
foliation at variable angle to core axis from perpindicular to parallel
2% pyrite overall, locally 5-10%
Bx fault zone at 88.3 to 88.6

Felsic dykes common in hole

SAMPLE NUMBERS: 36083 - 36100

DUPLICATES			
FIELD DUPLICATES:			
36090			
	STANDARDS:	BLANKS:	
	36085 CDN-CGS-11		
LAB DUPLICATES:			

ASSAY CERTIFICATES:

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-15

Property:	Lucky Joe	**Azimuth:**		**Logged By:**	Ann Ledwidge
Zone:	RYAN CREEK	**Dip:**		**Drilled By:**	
Claim:		**Hole Length:**		**Assays By:**	
Started:		**Casing:**		**Downhole Surveys:**	
Completed:		**Core Size:**			
Coordinates:					
Comments:					

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	2.32	Overburden															
2.32	15.23	Chlorite-qtz schist ± muscovite dark green, well foliated varies to mod. foliation changes over very short (10cm) lengths, oxidized down to 44.13m tr py,	Fe?	0	2	3	1										
		2.74 fol 63° TCA															
		5.73 tight fold, axial plane 52° TCA ↳ chevron folds															
		5.89															
		abundant fractures with limonite and hematite															
		6.52 - 6.65 qtz vein, strong fracturing with limonite, vuggy tr magnetite															
		9.83 - 9.93 intense lim + hem along fracs															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page 2 of ____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**_____

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
9.95		9.95 fol 18° TCA										36083	7.28	10.28			
		– moderately foliated										36084	12.23	15.23			
		– abundant remobilization of fluids producing qtz + fsp segregations often with intense limonite										36085	CDN-CGS-11				
		minor small-scale faulting parallel to axial plane															
		abundant x-cutting qtz ± limonite ± hematite veinlets, ± limonitic veinlets + possibly Fe-carb veinlets (minor)															
		12.2 well developed granulation cleavage															
15.23	18.12	Felsic moto? – intrusive dyke, 1% chl pink, extremely/weakly foliated → really only foliated near margins different from other moto-intrusive dykes observed in core this year + non-magnetic															
18.12	46.00	Chlorite-qtz schist, as above										36086	24.08	27.08			
		20.8 fol 32° TCA															
		23.4 fol 82° TCA, larger py blebs becoming more common	0	0	2	2	1										
		26.3 fol 26° TCA															
		27.3-46.0 ↑↑ py 3% large blebs.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page 3 of_____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-15

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	malachite	chalcopyrite	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		36.24 possible visible gold?															
		trace, 2 specks observed										36087	32.95	35.95			
		v. yellow, very soft.															
		within 1 cm wide mafic/felsic								vg.	?	36088	35.95	36.53			
		band, with 1-2% py															
												36089	36.53	39.53			
46.00	152.10	Qtz-chlorite ± biotite schist ± sericite/muscovite very fine grained															
		Qtz >> chl, dark green, very fine grained mica, well foliated, very fine laminations								Duplicate		36090	36.53	39.53			
		foliation changes over short										36091	39.53	42.53			
		intervals - folding															
												36092	42.53	45.53			
		minor felsic bands parallel to foliation															
		rare epidote stringers										36093	45.53	48.53			
		pyrite fine-grained 1-2% diss.															
												36094	48.53	51.53			
		46.40 tr ccp in carb-chl vein/sweat?	3	-	-	3	1		tr ccp								
		(one speck!) sweat within fol'n?										36095	51.53	54.53			
		50.50 tr (one speck!) ccp in schist w/py					1		tr ccp			36096	54.53	57.53			
		51.75 tr ccp in schist w/py					1		tr ccp			36097	57.53	60.53			
		rare carbonate veins										36098	60.53	63.53			
		51.03 - 51.51 strong carb veining															
												36099	63.53	66.53			
		evidence of folding															
		foliation changes from										36100	66.53	69.53			
		1 to 11 TCA and back throughout															
		54.33 - 54.42 very chloritic, soft	3	-	3	3	-										
		with x-cutting qtz + carbonate veins															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** KJ-07-15

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		varies from f.g. chloritic schist as described above to short intervals (generally 0.5-1 m) of chlorite-hornblende ± plag ← this may be near fold noses. very minor carbonate veins.															
		Pyrite occurs in finer grained blebs within f.g. chlorite schist and generally occurs as coarse blebs in coarser grained hn-chl schist, overall py 2-3% locally 5-10%															
		Py in f.g. chl schist follows f_1 foliation which in some areas shows f_2 crenulation cleavage.															
		88.29 - 88.59 Fault zone brecciated, with chlorite															
		98.85 - chlorite gouge over 10cm															
		101.17 and 101.44 - 101.74 qtz-pyrite, epidote ± chl. veins															
		103.33 qtz sweat with py+mag, hem stained															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-15

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		ccp	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		107.94 - 108.53 chloritic schist gouge with coarse biotite															
		110.38 - 110.8 } felsic, granitic look?															
		111.80 - 112.70 } qtz-fsp-bi ± chl varies weakly to well foliated. has very bright green mica. muscovite - possibly with some chrome??															
		114.58 - 114.62 aplite dyke 10 cm from lower contact is intense epidote															
		122.0 - 124.4 traces ccp in chlorite schist with epidote and beige patches?							tr ccp								
		125.0 - 125.2 tr. ccp in chl schist w/minor qtz veins + epidote veins							tr ccp								
		126.0 - 126.50 chl + qtz + py + epidote vein very large clots of each with a center of brecciated schist															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-15

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		133.0 becomes coarse grained ↑ hbl ↑ bi and garnets															
		138.45 - 138.74 felsic dyke very fine grained 5% bi trace py weakly foliated															
		141.43 - 142.43 more felsic band well foliated qtz + bi ± chl + garnet looks different to dyke above, 1% py															
		145.99 - 146.32 chl + carb + ep alt° zone															
	152.10	End of Hole															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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HOLE NUMBER: LJ07-16

PROJECT NAME:	Lucky Joe
HOLE:	**LJ-07-16**
FINAL DEPTH:	**203.91**
DATE START:	**June 24/07**
FINISH DATE:	**June 27/07**
LOGGED BY:	**Ann Ledwidge**
CORE SIZE:	**BTW**
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7 **AZIMUTH:** 250 **DIP:** -55 **DEPTH:** 200

Northing: 7049374
Easting: 571314
Elev.
Line No.: between L1E and L2E
Station:

DOWNHOLE SURVEY: Acid Test

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: To test high Cu-Au soil anomaly

SUMMARY: 0 - 3.05m Overburden. 3.05 - 21m Quartz-biotite-garnet schist, 1-2% garnets, +/-chlorite in patches; 16.9 Fault
19 - 20m Trace malachite in schist; trace chalcopyrite in chlorite/pyrite vein, and possible trace bornite?
21.90 - 22.5 Quartz-feldspar porphyritic dyke, 2-3% malachite, trace ccp disseminated (above dyke was unmineralized)
27.13 QFP dyke cut by 2cm wide chlorite vein with <1% chalcopyrite, trace bornite or covellite?? (blackish/purple very fine-grained)
28 - 26m Quartz-muscovite schist, foliation shows evidence of folding
29 - 36m 1cm wide chlorite vein with 5% py and 5% ccp, traces malachite and ccp in fractures and along foliation up to fault zone
36 - 39m Fault zone and chlorite schist to 44m. 44- 90m Quartz-muscovite schist +/- biotite grades into more chloritic schist
46 - 49m traces of malachite in quartz-flooded schist, malachite along foliation and in fractures x-cutting schist, dyke and quartz vein
90 - 204m Meta-andesite, alternating mafic schist (chlorite+/- hornblende) with felsic bands,
150.5m Quartz-vein with trace malachite and strong "peacock" stain, ccp? or bornite?, trace ccp on limonitic fracture
Felsic meta-intrusive dykes/sills are common in this drill hole.

SAMPLE NUMBERS: 400176 -400223 48 samples total - Shipment

DUPLICATES			
FIELD DUPLICATES:			
400187			
400207			
	STANDARDS:	**BLANKS:**	
	400189 CDN-CGS-11	400185	
LAB DUPLICATES:	400209 CDN-CGS-11	400205	

ASSAY CERTIFICATES: _____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-16

Property:	Lucky Joe	**Azimuth:**	250°	**Logged By:**	Ann Ledwidge
Zone:	RYAN CREEK	**Dip:**	−55°	**Drilled By:**	Prospector
Claim:		**Hole Length:**	203.91 m	**Assays By:**	
Started:	June 24/07	**Casing:**	3.05 m	**Downhole Surveys:**	Acid test
Completed:	June 27/07	**Core Size:**	BTW		
Coordinates:					
Comments:					

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	3.05	Overburden															
3.05	17.88	Quartz-biotite Schist, 2% garnets, qtz≫bi;	0	0	0	0	1										
		Pink to medium grey, medium grained															
		oxidized, generally quite broken															
		rock with a few intermittent															
		intervals (approximately 1m every															
		3m) of more competent core															
		Weak to moderate kspar alteration.															
		Moderate limonite + MnO on fractures															
		more of a surface weathering effect															
		1% Py fig. disseminated															
		Foliation 22° TCA, meta-sediment															
		8.50 - 15.50 weak patchy epidote															
		+ chlorite (propylitic alt'n)															
		11.35 - 14.80 grades into qtz eye schist															
		very similar to above															
		unit but qtz form clear															
		augens, grades back into Qtz-bi schist															
		without augens, fol 35° TCA															
		14.28 - 14.47 Qtz-Chl Schist															
		Meta-mafic dyke?, m.g. hn??															
		possibly chl alt'd hn.															
		weakly foliated.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** WJ-07-16

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	Mag/Hem	ccp	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
16.80	16.90	Fault, very rubbly small rock chips															
												400176	16.80	14.80			
17.88	18.50	Meta? - Felsic Dyke	0	2	0	0	0										
		qtz + fsp 2-3% bi.										400177	14.80	17.80			
		v. weak foliation, clay on fracture surfaces															
												400178	17.80	20.50			
18.50	20.50	Quartz-biotite schist ± chl in pdbs	0	0	0	2	2										
		a few chloritic veinlets x-cutting															
		foliation with py + magnetite,															
		abundant lim on fractures ± MnO + goethite															
		18.80 tr mal??						tr									
		20.38 tr ccp in chlorite/pyrite vein							tr								
		possibly trace bornite w/ ccp															
20.50	20.80	Qtz-fsp porphyritic dyke	0	0	1	1	0										
		dark grey, non-foliated, fg birthdayqtz															
		fsp phenocrysts? (mostly round with															
		a few lath shape) at 20.80 cut by hammer															
20.80	21.13	Core is very broken and contacts										400179	20.50	21.90			
		are difficult to see															
		Felsic dyke, (weak) foliated.															
		meta-intrusive??															
21.13	21.23	Qtz-fsp porphyritic dyke (same															
		as above) 10 cm wide															
21.23	21.90	Felsic dyke, very broken core															
		limonitic on fractures.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** KJ-07-16

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	Mn lacks	ccp	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
21.90	22.54	Qtz-fsp porphyry dyke	0	0	0	0	3					400180	21.90	22.54			
		similar to above but with						23%	tr								
		2-3% malachite disseminated										400181	22.54	25.54			
		throughout + trccp, tr. hem stain															
		cut at lower contact with Qtz-bi										400182	25.54	27.13			
		schist by a 0.5cm wide felsic															
		vein/dyke ?? (likely dyke)										400183	27.13	28.00			
												400184	28.00	31.00			
22.54	27.13	Qtz - Muscovite Schist, Qtz >> musc	0	0													
		light to medium grey, locally chl ± bi										400185	blank				
		moderate fractures x cutting + foliation parallel															
		some with +/- 2cm wide kspar alt^n selvages															
		Fol 35° TCA															
27.13	28.00	Qtz-fsp porphyritic dyke							1% ccp								
		↓ Contact 10° TCA							tr bornite?								
		x-cut by 2cm wide chlorite vein															
		with 5% py, <1% ccp, tr bornite or															
		covellite (blackish purple, v.f.g.) ? non-mag.															
		vein orientation 15° TCA															
		Contact of dyke to country rock															
		(schist) is indistinct especially															
		at lower contact, possibly a															
		meta-intrusive dyke.															
28.00	31.34	Qtz-muscovite schist Qtz >> musc															
		tan to light grey, oxidized															
		abundant lim stringers throughout															
		minor patchy kspar alt^n															
		well foliated 10° TCA with very weak															
		crenulation cleavage within 10cm															

foliation steepens to 350° TCA (fold). then shallows within 1m to 8° TCA

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-16

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	Malachite	ccp	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		29.40 - 29.67 chlorite vein 1cm wide	0	0	0	3	3										
		with 5% py 5% ccp							5%								
		non-magnetic very sil^d at u.c. for															
		20cm with strong limonite															
		29.94 - 30.18 minor fault gouge															
		very oxidized										400186	31.00	34.00			
		30.85 - 31.00 <1cm wide chlorite vein	0	0	0	2	2		tr								
		parallel TCA with 3% py, tr ccp								Duplicate		400187	31.00	34.00			
		32.0 - 32.50 strong potassic alt^n - kspar															
												400188	34.00	36.34			
		32.78 <1% ccp along foliation	-	-	-	-	2		tr								
		33.50 - 34.60 traces of mal, mainly along						tr		Standard		400189	CDN-CGS-11				
		fracture surface, some as fol planes															
36.34	39.79	Fault zone - strong musc - rich	0	2	2	2	0					400190	36.34	39.79			
		gouge															
39.79	44.00	chlorite schist - broken/gouge due to															
		fault up to 42.84 with very										400191	39.79	42.84			
		shattered qtz, abundant lim ± hem															
		stringers; and strong kspar and										400192	42.84	45.42			
		epidote alt^n from															
		41.55 - 42.30															
44.00	46.70	Qtz-musc schist ± biotite															
		with tr py diss throughout															
		abundant lim stringers near															
		bottom contact (over 30cm).															
												400193	45.42	46.70			
		Traces malachite observed at						tr									
		46.34 in schist that appears															
		qtz flooded, mal along fol + X-cutting fractures															
		continuing into mafic intrusive + qtz vein															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-16

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	Malachite		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
46.70	46.85	Meta - intrusive, medium grey, very weak fol'n ??, fine to med. grained roughly equigranular, qtz - fsp ≫ bi 1% mal mostly along fractures, Kspar alt'n						1%									
46.85	47.05	Quartz vein - white moderately fractured with <1% mal along fractures						<1%									
47.05	49.00	Meta - intrusive, as above with rare tr mal along fractures with hem						tr				400194	46.70	49.00			
												400195	49.00	52.00			
49.00	80.50	Qtz - muscovite - biotite Schist	0	0	1	1	1										
		Dark grey, very finely laminated ± garnets, tr. Py (rare)										400196	52.00	55.00			
		49.00 - 49.30 intense epidote-chl (propyllitic) alteration															
		Intermittent pink Kspar alt'n and more purple potassic biotite alt'n															
		51.94 - 52.00 Quartz vein with strong Kspar + epidote along margins, rock very broken,															
		55.95 - 56.06 Quartz vein															

tr mal
1 tr cpy
18 - 36 m
45 - 49 m

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-16

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		55.0 -65.85 Intermittently silicified										400197	55.0	58.0			
		Minor (<1cm wide) qtz veining with limonitic stringers, and minor carbonate stringers	1	-	1	1	1					400198	72.28	75.28			
		67.45-68.80 carbonaceous layers with the qtz-musc schist with small scale fault 35° TCA															
		69.70 4cm wide qtz vein with chl + py along fractures															
		69.90 - 72.25 Intermittently silicified															
72.28	72.35	72.28-72.35 Qtz Fsp porphyry meta-intrusive sill/dyke (dark grey) v. weak foliation	3	-	-	-	-										
		72.48 - 80.50 intermittent felsic bands possibly meta-intrusive sills?/dykes within Quartz-musc-bi schist	3	-	-	-	-										
		? looks like weak gneissic banding															
		small scale fault 40° TCA															
		72.25-75.05 very K-spar-rich, ↑ intense carb															
80.50	86.07	Muscovite ± chl ± biotite schist with carbonaceous layers v/fg. light green to grey possible fault zone, some foliation and brecciated at 84.70	2	-	1	1	1										

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

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Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-16

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
86.07	87.06	Chlorite-qtz schist, dark green, fg.	1	–			2					400199	86.07	89.07			
		± hornblende + fsp ↑ concentrated in layers															
		py ↑↑ 1-2% diss and along fol ±										400200	100.85	103.85			
		v. minor epidote stringers															
87.06	88.19	Chlorite-qtz schist grades into			1	1	2										
		Qtz-biotite schist, 2% py, minor gv															
		strongly magnetic															
88.19	90.00	Qtz-biotite-musc schist qtz >> bi + musc															
		alternating light grey + purple thin															
		bands / laminations															
		tr py, weakly, magnetic															
90.00	103.85	Qtz-chl-biotite-musc schist															
		thin weak gneissic banding,															
		weakly limonitic															
		qtz veining with intense															
		limonitic fracturing															
		<1cm chl ± carb veins															
		strongly magnetic, especially															
		in vicinity of chl-carb veins/															
		stringers															
103.85	107.88	Qtz-fsp-bi-musc-garnet schist															
		± chl, medium grey															
		more obvious felsic vs mafic															
		banding, over mm to cm scale															
		tr py, diss															
		Strongly magnetic															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-16

From	To	**Description**: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
107.88	112.10	Chlorite-quartz schist:					2					400201	108.00	111.00			
		dark green, fine grained, ↑ py 1-2%															
		with intermittent, <10 cm wide										400202	114.00	117.00			
		felsic bands (meta-intrusive sills/dykes)															
		↳ qtz+fsp ≫ bi, weakly foliated										400203	120.00	123.00			
112.10	126.10	grades into Chl-bi-qtz schist					2					400204	126.00	129.00			
		with very minor hornblende-rich															
		layers with qtz-chl veins/sweats+carb.										400205	blank				
		11 py 1-2% up to 5% locally, along folds															
		113.80-113.94 felsic dyke, meta-intr. sill?															
		light grey, equigranular, v. weak fol.															
		2-5% bi fg.															
		intermittent intervals of coarse grained															
		biotite + garnets.															
H		119.21-126.10 very silicified															
		same pyrite content as above.															
12		125.14-125.71 very felsic Qtz-sericite															
		schist, Qtz ≫ sericite + bi															
		very light beige very fg.															
126.10	127.0	Chlorite-qtz schist															
		dark green, very fg.															
		tr py trace.															
127.0	128.79	Qtz-Sericite schist, beige grading to white															
		127.0-127.75 minor bi, qtz ≫ but ser.															
		127.75-128.79 no bi, only qtz + sericite															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ-07-16

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	Na	CCP	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
130.30	130.74	Felsic, qtz-musc ± biotite schist															
		weakly foliated, moto-intrusive										400206	132.00	135.00			
		dyke/sills interbe															
									duplicate			400207	132.00	135.00			
130.74	133.67	Qtz-musc-bi-schist, light grey	-	-	1	1	1	-	-								
		very oxidized, with minor										400208	138.00	141.00			
		qtz veins, one < 1cm vuggy,															
		and limonitic.							standard			400209	CDN-CGS-11				
												400210	141.00	144.00			
133.67	135.82	Felsic moto-intrusive same										400211	144.00	147.00			
		as above but with minor										400212	147.00	149.76			
		bands of muscovite schist															
135.82	203.91 (eoh)	Chlorite-qtz. schist,	3	-	2	3	3	-	-			400213	149.76	150.41			
		dark green, qtz sweats,										400214	150.41	153.41			
		carbonate ± chlorite veins, ↑fe carb stringers.															
		up to 150.15 large ≤ 1cm blebs of pyrite										400215	153.41	156.41			
		5% py ± hornblende ± garnet ± bi															
		moderately magnetic										400216	156.41	157.60			
		139.0 to 139.7 becomes more of a hornblende fsp schist															
		bio-schist is pervasively chlorite alt'd ↑ fsp										400217	157.60	158.70			
		large blebs of pyrite, strongly magnetic															
		with some chlorite schist intervals,										400218	158.70	161.70			
		150.13-150.25 qtz vein, vuggy limonite, py 1%															
		150.34-150.78 qtz vein	-	-	4	4	2	tr	tr								
		tr malachite, strong "peacock" stain, bor?										400219	164.70	167.70			
		tr chalcopyrite ass. limonitic fracture surface within qtz.															
												400220	170.70	173.70			
		mafic volcanic, fol 45° TCA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page 10 of 11

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LI-07-16

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
151.47		151.47 - 154.82															
		becomes more oxidized along fractures										400221	180.50	181.16			
												400222	188.57	191.57			
		156.9 - 157.60															
		very brecciated and chlorite altered - fault zone										400223	190.90	199.90			
		157.60 - 158.70 qtz vein, minor limonitic fractures, at 158.19 is ground up pyrite many euhedral xtals.															
		158.70 - 159.20 propylitic alteration intense epidote + chlorite.															
		165.22 - 187.45 intermittent felsic bands very light grey, bi varies 2-10%, foliated, possibly dykes/sills??	-	-	-	-	-										
		180.50 - 181.16 Qtz vein, abundant limonitic fractures, local large up to 1.5cm clots of pyrite with chl veining <.5cm wide at u. contact															
		190.80 - 191.11 carbonate veinlets 1/4 cm wide, with chlorite, has brecciated appearance 25° TCA 1% pyrite	3	-	-	3	2										
		after 187.00 generally appears that only finer grained bands are magnetic, coarser hn-chl bands are non-magnetic.															

203.91 End Of Hole

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page 11 of 11

HOLE NUMBER: LJ07-17

PAGE 1 OF ____

PROJECT NAME:	Lucky Joe	UTM:	Nad 83	Zone 7	AZIMUTH:	70 DIP: -60	DEPTH: 243.5
HOLE:	LJ07-17						
FINAL DEPTH:	243.5	Northing:	7040664		DOWNHOLE SURVEY:	ACID TEST	
DATE START:		Easting:	571402		AZIMUTH:	DIP:	DEPTH: (m)
FINISH DATE:							
LOGGED BY:	Joanna Hodge	Line No.:	L 3E				
CORE SIZE:	BTW	Station:	300 SW				
DRILLING COMPANY:	Prospector						

PURPOSE: to test resistivity low; chargeability high; moderate Cu and weak Au anomaly

SUMMARY: 0 to 8.5 Casing

8.5 to 64.4 fine-grained variably foliated intermediate seds or volcaniclastic seds? Patchy silicification and sericite alteration. Moderately weathered, commonly with pits left by oxidized pyrite. Patches of chlorite schist with large pyrite blebs.

64.4 to 184.9 variably foliated to schistose, fine grained mafic volcanic or volcaniclastic rock. Variable patchy silicification and muscovite alteration. Dolerite dykes (?) at 82.8 to 88.6, 96.9 to 97.2, 184.3 to 184.9. Patchy garnet alteration throughout interval. Minor graphite alteration. 5% disseminated pyrite throughout; no visible cpy.

184.9 to 197.8 pervasively si-cl-bio-gn altered rock, variably strongly foliated to schistose, 2-15% pyrite, mt common.

193.1 to 194.1 trace cpy

197.8 to 203.8 basalt and dolerite, patchy garnet and silica alteration, no magnetite. Only moderately foliated and 5-10% pyrite.

203.8 to 240.2 fine grained chlorite schist, variably silicified, biotite altered, minor magnetite. Pyrite common (up to 15%), chalcocite at 219.3m?

24.2 to 243.5 medium grained massive cl-bio-gn altered rock. Minor pyrite commonly associated with chlorite alteration

SAMPLE NUMBERS: 36111 - 36137

DUPLICATES			
FIELD DUPLICATES:			
	STANDARDS:	BLANKS:	
	36121	36122	
LAB DUPLICATES:			

ASSAY CERTIFICATES: _____

Copper Ridge Explorations Inc				LUCKY JOE 2007					Diamond Drill Core Log Metric.									
Zone				Az:										Hole Number LJ07-17				
Claim				Dip														
Date Started				Hole Length														
Date Completed				Casing:														
UTM 08V		Co-ord lat/long																
Page 1				Logged by: Clive Aspinall														
Main Unit		Sub-Unit		Lithology, Mineralization, Alteration Structure	Carb	Clay	Qtz	Vns	FeS2	As	% Rec	Sample No	From	To	Length	Cu	Au	
From	To	~~From~~	~~To~~															
0	8.5			NS - casing														
8.5	9.2	bn	6	fg mass - S? - silicified sed? Volc/ick/str? Str.														
				with qz, v. little 1° structure. Minor								cl 3, si 8						
				cl.														
9.2	11.9	dgn	5	fg, equi, mafic? - cl alt'n,														
				str. ox, whole thg? Lead to				10	5									
				be. Relict fsp?								cl 7, fe ox 5,						
11.9	13.4	wh	5	fg mass, S? - silicified qz														
				sed? Volc? Minor ser, tr.														
				cl. Mod with - Fe ox staining														
				& eroded py?														
13.4	39.1	dgn	4	fg fbl, 4, Sch, chlorite														
				schist, qz, cl, mus, gn, py.				30	tr.			cl 7, qz 4, mus 2, gn 0						
39.1	41.0	w	1	mm, mass, Sa (quartzite?)				5				mus 3	fe ox 1					
				Minor ser / mica. Minor ab?														
				veins (stringers)														
41.0	43.9	dgn	1	fg fbl, 5, Sch, chlorite														
				schist (as grey) White qz				30	tr.			cl 7, qz 4, mus 2						
				veins common often fbl,														
				parallel, commonly deformed														
				folded. ctt qz minor mus &														
				tr py. Rare garnets.														
43.9	45.5	gnbn	4	fg mass, mafic? deformed qz														
				veins & large fg py blebs.				3	10			cl 6, qz 3, mus 0						
45.5	48.9	w	3	fg mass, silicified sed? Sa?														
				bl & ser veins common.								qz 8, cl 3, ser 3, mn 5						
				Completely alt'd, no relict tyt.														

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**

Property:	Lucky Joe	Azimuth:	Logged By:
Zone:	RYAN CREEK	Dip:	Drilled By:
Claim:		Hole Length:	Assays By:
Started:		Casing:	Downhole Surveys:
Completed:		Core Size:	
Coordinates:			
Comments:			

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz Veins	Silicification		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
48.9	49.9	ywbn fg, mass, S? - completely silicified, fcox alt^{n}, py + cx py/ mvs				10		si 8, mvs 5, fcox 4							
49.9	64.4	aygn fg, f3 S, S? - Sa? pervasively silicified? Garnets widespread; bio, py common; minor musc. Mt? tr.				10		si 8, bio 5, gn 5, mvs 3, mt tr							
64.4	67.8	ywbn, fg, wit^{td} (5) mafic? qz, bio, cl, mvs gn, py. Laminated qz veins parallel to core axis. Minor faulting. Abund fcox staining.				5		qz 4, bio 5, mvs 3, gn 3							
67.8	68.4	lgy, fg, lt^{td}, silicified, volc. seds? volcaniclastic? si, py, gn, mvs, fcox.													
68.4	70.2	dgy, fg, mass, mafic? Md. qz, fsp, bio (after amph (px?)), mt (1%), cl, musc, gn, py				10		bio 5, cl 5, mt 3, musc 2, gn 4							
70.2	71.5	lgy, fg, f3 (7), with^{d} (2), silicified, volc (sed)? Is this a silica-flooded version of the above mafic? si, qz, mt, gn, py.				10		si 8, qz 3, mt 3, gn 3, fcox 2							

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**_____

Property:	Lucky Joe	Azimuth:		Logged By:	
Zone:	RYAN CREEK	Dip:		Drilled By:	
Claim:		Hole Length:		Assays By:	
Started:		Casing:		Downhole Surveys:	
Completed:		Core Size:			
Coordinates:					
Comments:					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
71.5	73.0	dgn, fg, mass/wkly fol, mafic qz, fsp, bio, cl, musc, mt, gn, py. At least 2 qz vein generations: 1) translucent qz veins, deformed ~5-10mm wide, commonly foliation parallel, thickest (20-40mm) & white vuggy qz veins xcutting foliation. 1) veins commonly contain py within the vein & as selvedge.				10	10										
73.0	76.7	gy, fg, fol (5) silicified mafic: si, qz, fsp, ser, mt, gn, py.					5									
76.7	92.8	gy, fg, fol (3), more silicified version of above: si, bio-cl, mt, gn, py.					5									
92.8	88.6	gy, fg, fol (5), FZ, md: ffs above, fractured, vuggy silica aft, fol parallel to core axis, 0-1% qz veins, minor narrow (<5mm) qz veins & wide above, selvedge xcutting foliation. Patches of mafic looking material.					10									

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**

Property:	Lucky Joe	Azimuth:	Logged By:
Zone:	RYAN CREEK	Dip:	Drilled By:
Claim:		Hole Length:	Assays By:
Started:		Casing:	Downhole Surveys:
Completed:		Core Size:	
Coordinates:			
Comments:			

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
88.6	94.2	dgy, fg, fol 7, as prev, less faulted, foln W // to core axis, less Mt, qz, more biotite, commonly defining schistosity. Minor qz qz veins			2.5			si 8, bio 7, musc 3,							
94.2	95.4	dgy, fg, blk, as prev, faulted, minor foliation, Dx?, si, bio, py, cl. minor qz veins, ep			3	10		si 8, bio 5, cl 5, ep 1							
95.4	96.9	dgy, fg, mass, FZ, mafic, (Mb), qz, fp, si, bio, musc, gn, py, fedx				5		si 6, bio 6, musc 4, gn 2							
96.9	97.2	dgn, fg, mass, Mb, fsp, bio, cl (after amph?) gn, py				5		bio=cl 7, gn 2							
97.2	99.2	dgy, fg, mass, Mb?, silicified, fsp, bio, py, musc, gn, Abundant narrow (2 mm) qz stockwork veins				5		si 7, bio 6, musc 3, gn 2							
99.2	100.9	dgy, fg, fol (b), FZ, Mb?, silicified, qz, bio, musc, py, gn				5		si 7, bio 6, musc 2, gn 2							

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ____ of ____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**

Property:	Lucky Joe	Azimuth:		Logged By:	
Zone:	RYAN CREEK	Dip:		Drilled By:	
Claim:		Hole Length:		Assays By:	
Started:		Casing:		Downhole Surveys:	
Completed:		Core Size:			
Coordinates:					
Comments:					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Stringers		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
100.9	112.1	lgy, fg, mass, mod-ly fol (5) Mb, v Md, silicified, Mb in xenoliths of Md. Contact // to core axis. si, bio, cl, mt, gn. Mineral qz veins.				5	5		si 6, cl-bio 6, mt 3, gn 2							
112.1	112.9	lgy fol (5) FZ, Mb? As above, silicified, faulted.					10		si 7, bio-cl 3, mt 3, gn 1							
112.9	129.8	lgy, fg, mass, Mb? fs prev. silicified, bio tan = mt + cl alt'd rock. Mineral qz veins. Py often in veins or @ vein margins. Fe-ox on jt surfaces, & minor peacocky tarnish on surface = bn? or Fe-ox.					10		si 7	bio-cl 5, mt 2, gn 2 bn? tr						
129.8	132.2	lgy, fg, brk, Mb? As above, faulted. Minor fault gouge.					5		si 7, bio-cl 5, mt 2, gn 2							
132.2	138.2	lgy, fg, fol (6), Mb? fs prev. silicified, thick (10-20mm) mt-bio veins occurring parallel to core axis. Minor qz white qz veins & thin sooty veinlets. Pyrrhotite more abundant than previously in hole. Or absent. si, bio, cl, mt, lep, py.				10	10		si 7, bio 7, cl 6, mt 6,							

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**

Property:	Lucky Joe	Azimuth:		Logged By:	
Zone:	RYAN CREEK	Dip:		Drilled By:	
Claim:		Hole Length:		Assays By:	
Started:		Casing:		Downhole Surveys:	
Completed:		Core Size:			
Coordinates:					
Comments:					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Chlor	Quartz	Veins	Sulphides		% Recov	RQD	Sample #	From	To	Length	Au	Ag
138.7	139.3	wgn, cg, Vn, Mb? Wide (200mm) qz-ep-bio vein in silicified Mb(?)						qz 50, ep 40, bio 8, zo(?) 2								
139.3	146.1	lgy, fg, mass, bnk FZ, Mb(?) silicified, si, cl, bio, gn, py					15	si 6, cl-bio 6, gn 2								
146.1	179.0	dgy, fg, mass / fol(5), Mb(?), silicified, locally more intense si, minor but variable musc veinlets, more prevalent w increasing foliation intensity, patches of graphite-pyrite alt'n - could this be a tuffaceous? Or sub-aerial volcano-sedimentary package? Minor, cg qz-ab(?) veins / folial" / 2 to core axis si, cl-bio, musc, py, gn, qp					10	si 6, cl-bio 5, musc 4, gn 2, qp 2								
179.0	184.3	lgy, fg, fol, schist, si-bio-cl sch. minor patchy cl alt'n,					10	si 8, bio 6, cl 2, gn 2.								
184.3	194.9	dgn, fg, fol(3), Md, dyke, qz, fsp, cl, bio, py. Minor / trace qp veins					10	cl 6, bio 6,								

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-17

Property:	Lucky Joe	Azimuth:		Logged By:	
Zone:	RYAN CREEK	Dip:		Drilled By:	
Claim:		Hole Length:		Assays By:	
Started:		Casing:		Downhole Surveys:	
Completed:		Core Size:			
Coordinates:					
Comments:					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
184.9	186.4	dgy, mg, fol(5), cl-bio-gn alt'd rock silicified, minor qz veining (@ increasing occurrence & grain size: Minor py					2		si 6, bio 6, cl 3, gn 3							
186.4	189.2	dgy, mg, fol(5) bio-musc-cl-gn alt'd rock patchy intense si alt'n & carbonate qz veining. Increasing gn gr size & abundance: si, bio, cl, gn, py					10		si 5 bio 7, cl 4, gn 4							
189.2	190.2	lpk-fg, fol(6), si-bio-mt-musc-ankerite alt'd rock @ qz-musc schist @ blk. minor faulting							si 8, ser 6, mt 5, bio 5							
190.2	191.7	dgy, mg, fol(6) cl-bio-gn schist mt abundant, minor py					3		bio 7, cl 4, gn 5, mt 5,							
191.7	193.1	lgy, fg, fol(8), qz-ser-mt-gn schist: faulted @ upper contact							si 7, ser 7, gn 5, mt 4							
193.1	194.1	dgy, mg, fol(5) bio-cl-gn-alt'd rock abundant py+, tr: cpy(?)		py 15		cpy tr	qz 4		bio 7, musc 2, gn 6, mt 4							

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc — Diamond Drill Core Log — Hole Number: LJ07-17

Property:	Lucky Joe	Azimuth:	Logged By:
Zone:	RYAN CREEK	Dip:	Drilled By:
Claim:		Hole Length:	Assays By:
Started:		Casing:	Downhole Surveys:
Completed:		Core Size:	
Coordinates:			
Comments:			

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz Veins	Sulphides		% Recov	RQD	Sample #	From	To	Length	Au	Ag
194.1	197.8	lav, fg, fol(3), si-bio-gn alt'd rock, tr common, tr-1% cpy, fr bn.				py 10, cpy 1		si 8, bio 2, gn 3.							
197.8	203.8	lav, fg, mass/wkly-fol'd (5), Mb' d-bio-si-gn-py alt'd rock, Minerhcr & qz-ab veins. Patchy silicification, broken. Gn alt'n patchy, no mt.			5 5			si 4, cl 6, bio 5, gn 2.							
203.8	205.3	dgn, fg, fol(5). Md, fgn, cl, bio, 1-5% deformed qz & qz-ab(?) veins, trace. Patchy ep alt'n. *			5 10			cl 6, bio 4, ep 1							
205.3	209.5	lav, fg, fol/sch, Chlorite Schist variably silicified, chlorite-bio-±mt-si alt'd rock. Pyrite common, silicification patchy, Minor vuggy patches, 5% deformed qz veins, patchy K? alt'n. Minor patchy gn alt'n. Rare chalcocite? @ 219.3m.			5 15 (cc) tr	(py)		si 5, cl 6, bio 4, mt 2, gn 2.							

* Bottom contact fault gouge.

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ____ of ____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJD7-17

Property:	Lucky Joe	Azimuth:	Logged By:
Zone:	RYAN CREEK	Dip:	Drilled By:
Claim:		Hole Length:	Assays By:
Started:		Casing:	Downhole Surveys:
Completed:		Core Size:	
Coordinates:			
Comments:			

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Chlor	Quartz Veins	Sulphides			% Recov	RQD	Sample #	From	To	Length	Au	Ag
222.5	223.0	gn, fg, fol (6) md., fsp, cl., bio, py, gn. - tr qz gtzl veinlets x-cutting fol^n.			tr	tr			cl	7, bio 5, gn 1.						
223.0	240.2	qy, fg, Sl lgh, chl, Sch? Variably foliated alt^d silicified si-cl-bio-gn alt^d rock. 10% deformed qz-ab(?) veins (1-2cm), narrow (1mm) qz veins ? to 5% common. Not much py (relative to previous intervals). Patchy K alt^n? Rare graphite.			5	2			a4,	cl 7, bio 4, gn 2, rpl.						
240.2	243.5	fgy, mg, meas, cl-bio-gn alt^d rock. 10-15% qz deformed clear qz veins. Minor py, commonly ass^d w cl alt^n, trace - 1% po commonly ass^d w py. Cavities larger & more abundant than prev. intervals.			5	3 (py) 1 (po)				cl 7, bio 5, gn 4,						
		END OF HOLE														

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

HOLE NUMBER: LJ07-18

PAGE 1 OF ____

PROJECT NAME:	Lucky Joe	UTM:	Nad 83	Zone 7	AZIMUTH:	250	DIP:	-70	DEPTH: 124.4
HOLE:	LJ07-18								
FINAL DEPTH:	124.4	Northing:	7049225		DOWNHOLE SURVEY:		ACID TEST		
DATE START:		Easting:	571377		AZIMUTH:		DIP:		DEPTH: (m)
FINISH DATE:									
LOGGED BY:	Joanna Hodge	Line No.:	L 2E						
CORE SIZE:	BTW	Station:	250 SW						
DRILLING COMPANY:	Prospector								

PURPOSE: to test moderate chargeability high, high Cu and Au soil anomaly

SUMMARY: 0 to 3.1 casing

3.1 to 30.5 sericite schist, partially weathered, minor K alteration, fractured, minor faulting and gouge. Rare felsic porphyry

30.5 to 35.7 qz-ser-bio schist, 2 biotite generations, abundant qz veins perpindicular to foliation, minor patchy K alteration

35.7 to 64.5 qz-musc±bio schist, mod-strong patchy K alteration, strong patchy silicification, some faulting and associated gouge

- 36.2 to 37.1 malachite veinlets and 1-2% cpy
- 39.3 to 43.9 malachite veinlets and 1-2% cpy
- 43.9 to 44.3 rare malachite and trace disseminated cpy
- 44.3 to 48.5 trace disseminated cpy
- 48.8 to 54.2 trace to 1% disseminated cpy
- 54.2 to 54.7 5% cpy
- 54.7 to 55.8 trace disseminated cpy
- 55.8 to 62.3 2-3% cpy
- 62.3 to 63.7 trace disseminated cpy

64.5 to 69.9 cl schist, minor patchy silicification and graphite alteration, patchy intense cl-py alteration

69.9 to 76.4 felsic volcaniclastic? Schistose, narrow qz-fsp dyke within interval

76.4 to 124.4 chlorite schist, patchy si alteration and variable ser content. Patches of intense coarse-grained cl-bio-gn alteration

- 109.2 to 112.4 trace cpy

SAMPLE NUMBERS: 36138 - 36178

DUPLICATES				
FIELD DUPLICATES:		ASSAY CERTIFICATES:		
36151				
	STANDARDS:		BLANKS:	
	36141	36161	36142	36162
LAB DUPLICATES:				

Copper Ridge Explorations Inc Diamond Drill Core Log Hole Number: LJ07-18

Property:	Lucky Joe	Azimuth:	Logged By: Tbarnes
Zone:	RYAN CREEK	Dip:	Drilled By: Prospector
Claim:		Hole Length:	Assays By: Eco-Tech
Started:		Casing:	Downhole Surveys:
Completed:		Core Size: NQ	
Coordinates:			
Comments:			

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov	RQD	Sample #	From	To	Length	Au	Ag
0	31	NS-Casing														
31	36	unbn, fg, sch, Ser Schist, qz, ser, bio, cl, feox (jar.) Minor qz veining, Mod-str weathered, broken, rare pinkish orange (K-spar) stringer veinlets				3		mus		8, qz 6, bio 3, cl 3, feox 5						
36	38.4	lgu, fg-mg, partially with variably Ser Schist, qz, ser, cl, gn, bio, feox. Minor patchy K alt, minor weak silica alteration. Rare patchy epidote alt. Interval variably broken, fractured, Minor intermittent fault gouge.				5		mus K2, feox 3		6, qz 6, bio 4, cl 4, gn 2, ep 1,						
38.4	38.8	lpk, mg, porph, fp, qz-Kspar, felsic patchy, qz, fp, mt, cl, py, feox. Mod K alt.				10		K 4, cl 4,								
38.8	39.4	bn, fg, fol sch, pkly, with qz-ser schist, qz, ser, bio, mt, gn, py. Strong pervasive silicification				tr		3, ser 5, bio 2, mt 2, gn tr								

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ___ of ___

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:**_____

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
305	357	lau. fg. tol/ech. qz-ser-bio schist. More bio than prev. intrv'l, less weathering. Minor intermittent faulting. Abundant thin qz veins, peripheral foliation. Minor patchy K alteration & biotite generations? ① defining foliation/schistosity, ② wider-spread, patchy, overprinting fabric, assoc'd w/ pyrite. Lower contact fault zone.														
												305	357	52	SI 7, qz 5, bio 5, CL 4, K 3	
357	362	vntn. fg. sch. with q (7). Musc. sch. broken, faulted. Minor fgn parallel qz bucky white qz veins/are py in schistosity.														
												357	362	5	2. N. musc 8, qz 7, bio 1	
362	371	dau. fg. sch. qz-musc sch. Generalized Malachite veinlets assoc'd w/ K alt & within fabric. 1-2% anderal, mg disseminated cpy. Minor py (diss)														
												362	371	9	cpy 1-2% py 2% musc 5, qz 7, K 4	
371	393	vntn. fg. sch. with q (5) musc. sch. as above, more py, no malachite or cpy. More K alt, increasing biotite. Broken. Minor faulting. Minor deformed qz buck qz veins (qz, musc, bio, feox, py.														
												371	393	22	53 musc 6, qz 6, bio 3, feox 4	

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page_____of_____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-18

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	% Recov	RQD	Sample #	From	To	Length	Au	Ag
39.3	43.9	dgy, fg, sch, qtz-musc-bio schist. Patchy K alt'n, rare ca. Dark qtz veins, deformed, 5°. Malachite veinlets, 1-2° diss. fg, antecedent cpy: cpy also assoc. to increasing bio content? Notably no cpy asscd w light pk K alt'n				cpy 1-2% py 2%				musc 6, qz 6, bio 4, K3					
43.9	44.3	py, fg, sch, dien, Qz-musc schist. less bio than previous interval. Minor patchy K alt'n, 1-2% diss py, tr diss cpy. Rare malachite.				cpy tr-1% py 3%				musc 8, qz 6, K2,					
44.3	45.4	dgy, fg, sch, dien, Qz-musc bio schist. mod bio. Weak pervasive K alt'n. 1% diss py. tr diss cpy.				py 1% cpy tr.				musc 6, qz 6, bio 3, K3					
45.4	48.5	dkgy, fg, sch, musc schist. Moderate-strong patchy K-alt'n. Minor patchy talc in fabric. Minor-1% fg asscd sulphide (rare py diss), tr cpy (diss)				py 1% cpy tr.				musc 7, qz 6, bio 4, K4					
48.5	48.8	dkgy, fg, Qz-musc schist. As above, fg, foliated. Med calcitic gouge. Rare py, no cpy. Minor patchy K alt'n.				py tr.				ee 5, qz 5, K4					

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page____ of____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJ07-18

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
48.8	52.2	dgy, fg, sch, bio-cl-musc schist. Increased bio content. Patchy strong – intense pk K alt'n. Minor py (2-3%) ± tr. cpy. Cpy ppd. ass'd w more mafic patches & not as K alt'n			py 1-2% cpy tr.										
52.2	52.8	an, fg, sch, FZ, ser sch, faulted, qz-cpy-py, 5% py, pleadon in fol'n. Mod cl ± more patchy K alt'n. Tr cpy.			py 5% cpy tr.										
52.8	54.2	dgy, fg, sch, ser sch, FZ, Silicified alt'd ser-bio schist. Broken, faulted. Strong patchy silicification and/or K alt'n 5% py. 1-2% cpy (diss). Patchy strong bio alt'n. Intermittent narrow faults accompanied by bio gouge.			py 5% cpy 1%										
54.2	54.7	dgy, fg, sch, qz-ser-cl schist. 5% qz stebby cpy. 7-10% py (diss). Broken core. Minor cl gouge on fracture surfaces, mod foliation ~ parallel to core axis.			cpy 5 py 7										
54.7	56.8	lgy, fg, sch, qz-musc schist, less micaceous & schistose than prev. intervals. Patchy intense silicification, minor py, tr cpy.			py 3% cpy tr.										

0-Absent; 1-Trace; 2- Weak; 3-Moderate; 4-Strong

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16
19m to 40m
Bot 4 - 80.

362 - 637.
12 - 20

Copper Ridge Explorations Inc Diamond Drill Core Log Hole Number:_____

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
55.8	56.3	dgn, fg, sch, cl-bio schist. Abundant narrow (<1mm) fol'l			py 5%				cl 8, bio 8, qz 3							
		& fg qz veins (common, py (5%)			cpy 2%											
		5% fg cpy, commonly assoc'd in														
		patchy cl alt'n.														
56.3	61.7	py, fg, fol (6) to sch, qz-sericschist														
		(minor) patchy an alt'n, patchy														
		blk graphite alt'n. Broken,														
		intermittent faulting acc'd														
		by sericite gouge. Some patches														
		appear bedded. Pale green			py 4%				Musc 4, qz 4, gn 2, V 2, qz 1							
		(V) mica — fuschelite, 1-3%			cpy 2%											
		disseminated & blebby fg-mg														
		cpy. 3-4% diss / blebby py.														
61.7	62.3	W mg porph, FP, qz-fsp-ser														
		rock. Fine grained mm contacts			cpy 3%				ser 6							
		— chill margins. Cpy stringers														
		also @ margins. Ser replacing														
		plag.														
62.3	63.7	py, fg-mg, sch, qz-ser schist. Minor			py 3%				ser 6, qz 4, bio 3, cl 3, gn 2.							
		bio, cl-gn alt'n patches, tr cpy			cpy tr.											
		(diss), minor py.														
63.7	64.0	FP as above, faulted, with qtz, FP, ser sch							ser 8, qz 6, fe ox 3.							
64.0	64.5	bn, fg, sch, ser schist, silicified			py tr				s 8, ser 5.							
		(pervasive) 10% wide (20mm) fg qz														
		veins 1% py.														

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page_____of_____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJD07-18

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
61.5	89.9	dgn, fg, fol/ech, cl schist, cl, bio, gn, gn py. Minor patchy silicification of py, patchy graphite alt'n patches & intervals, cl – py alt'n destroying bdg fabric. Rare bte. qz veins x-cutting fabric.				2	py 5:						cl 7, bio 5, gn 3:			
89.9	764	bgn, fg, fol/ech, felsic schist (felsic sed? felsic volcaniclastic?) qz, fsp, bio, (gp, cl – tr). Narrow qz-fsp porphyry (dyke?) @ 734.0 to 734.4 m														
		Minor faulting & assoc'd fault gouge. Graphitic alteration @ lower contact.														
764	902.6	dgn, fg, fol/ech, cl schist variably altered cl ± bio ± ser schist patchy si (albite?) alteration. Ser intensity variable, py abundances incl. in increasing cl abundance. Minor patches of intense bio – cl – py alt'n – less schistose, more like altd ultramafic ... patches of abundant qz veins assoc'd w increased silicification adjacent to veins.					5	py 5	si 6,	cl 6,	bio 4,	ser 3,				

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ____ of ____

chrysoprase? / zoecelite?

Copper Ridge Explorations Inc — Diamond Drill Core Log — **Hole Number:** LJ07-18

From	To	Description: Lithology, Structure, Alteration, Mineralization — Lith 1 / Lith 2	Carbonate	Chert	Quartz Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
92.6	109.2	dgn, fg, fol sch, cl schist, fp													
		as previous interval, w intermittent narrow zones of silicified felsic porphyry felsic porphyritic textures - K-spar & plag crystals, minor epi alt'n, trace disseminated py, 10% thick qz-py veins; fp margins commonly hydrothermally brecciated, host sch, ist silicified	Lith 1			py 5 cpy tr.		si 6, cl 4, bio 3, musc 4,							
			Lith 2			py 3		si 8, cal 2.							
			*			sample bxd interval.									
		- poss tr. cpy in bx													
109.2	112.4	bk, fg, brk, sch, bxd FZ, cl schist, fp - FZ, pled. cl. fault gouge, residual schistosity still evident in some places, Recursed conglomerate? Appears to be pebbles & boulders of silicified fp(?) & lcr cl schist. Trace pyrite. Cpy: —			py tr	cl 8, qz 4, si 8, K3									
					cpy tr?										
		* Sample this interval *													
112.4	116.4	gy, fg, sch, qz-bio-musc schist; qz, bio, musc, mt, V?, chrysoprase? 1-2% py, tr cpy; Minor greenish qz-veins (chrysoprase? V?).													
								qz 3, bio 5, musc 5, cl 4, mt 2, K? 1.							
116.4	116.0	As for 109.2 to 112.4. bk, fg, brk, sch, bxd, FZ, cl schist => conglomerate?			py tr.	cl 8, qz 4, si 8, K3									

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ____ of ____

Copper Ridge Explorations Inc Diamond Drill Core Log **Hole Number:** LJOF-18

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Chlor	Garnet	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
160	124	lg, fg, ech, Qz-(-) gn schist														
		Patchy mod-str silicification														
		10% thick (100-300 mm) qz veins				10										
		Patchy have K-alt, 2-5% py,				py 5										
		Patchy intense gn alt'n														
		== EOH ==														

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Page ____ of ____

HOLE NUMBER: LJ07-19

PROJECT NAME:	Lucky Joe
HOLE:	LJ07-19
FINAL DEPTH:	160.9
DATE START:	
FINISH DATE:	
LOGGED BY:	Joanna Hodge
CORE SIZE:	BTW
DRILLING COMPANY:	Prospector

UTM: Nad 83 Zone 7

Northing: 7048325

Easting: 571820

Line No.: L 4E

Station: 155 SW

AZIMUTH: 250 DIP: -50 DEPTH: 124.4

DOWNHOLE SURVEY: ACID TEST

AZIMUTH:	DIP:	DEPTH: (m)

PURPOSE: upper edge of chargeability high, vertical resistivity low, high Cu-Au soil anomaly

SUMMARY: 0 to 5.5 casing

5.5 to 37.7 sericite schist. Variable foliation orientations with respect to core axis (folding?). Patches of hydrothermal brecciation. Well developed S2 crenulation cleavage in places. Faulted intervals; bottom contact graphite altered fault.

37.7 to 50.3 chlorite schist, minor cc alteration, trace pyrite

50.3 to 51.2 intermediate porphyry, rare relict feldspar phenocrysts, moderate silicification, mt alteration, rare garnet alteration

51.2 to 96.3 basalt? Or mafic volcaniclastic? Intense pervasive cl-py alteration in patches, K alteration, variable foliation, rare narrow qz-Kspar dykes within interval

96.3 to 110.3 chlorite schist, K altered, patchy late epidote alteration, intense cl-py alteration

110.3 to 112.7 silicified felsic porphyry, minor foliation

112.7 to 152.5 chlorite schist, silicified, K-spar altered, minor late ep flooding,

152.5 to 153.5 felsic porphyry, pervasively silicified, minor sericite

153.5 to 160.9 chlorite schist, as for previous intervals.

No visible Cu mineralization

SAMPLE NUMBERS: 36179 - 36208

DUPLICATES			
FIELD DUPLICATES:			
36191			
	STANDARDS:	BLANKS:	
	36181 36201	36182 36202	
LAB DUPLICATES:			

ASSAY CERTIFICATES:

Lucky Joe.

COPPER RIDGE EXPLORATIONS - CLEARANCE PROJECT

Page 1 of 6

DIAMOND DRILL HOLE RECORD

DDH LJ07-19

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION										MINERALIZATION										DESCRIPTION
							MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	
5.5	11.8	bn.	Ser Sch	Cl Sch	Sch		ser	7	qz	6	cl	4	fe.	5													with 10% broken qz veins. Unit predom ser. schist to Minor cl schist. Bottom contact faulted.
11.8	17.2.	bn	Ser Sch		Sch		ser	7	qz	6	bio	4	gn	2.	Fe	5	mal	4	az	2.							mal/az alt^{d} ser sch. Foliation int core axis varies - mal/az seen in fol. L to ca, other patches more acute. Minor qz veins, patches of hydrothermal bx? Mod with (5).
17.2.	20.7.	bgn.	F Sch.		fol	6	ser	3	cl	3	Fe	3															fg, with^{d} (4), felsic (qz) schist. Sed? Not much sericite, patchy chlorite alt^{n}. Minor faulting & gouge.
20.7	27.3	bn.	Ser Sch	Cl Sch	sch ulen		ser	5	cl	5	gr	2	qz	4													fg, with^{d} (4). ser schist with patches of darker chlorite (graphitic?) schist. Well developed S0 crenulation cleavage in both units. More noticeable in cl/gr schist. S1 L to da, S0 / to ca. * Minor deformed white qz veins.

COLOUR		
BF-buff	OR-orange	L-light
BK-black	PN-pink	D-Dark
BL-blue	PP-purple	
BN-brown	RD-red	
CL-clear	TA-tan	
GY-grey	WT-white	
GN-green	YW-yellow	
OL-olive		

ALTERATION	
1 - trace	
2 - trace-weak	
3 - weak	
4 - weak-moderate	
5 - moderate	
6 - moderate-strong	
7 - strong	
8 - strong-v strong	

MINERALIZATION			
1	trace	py	pyrite
2	1-3 %	cpy	chalcopyrite
3	3-10%	aspy	arsencpyrite
4	10-15%	cb	chalcocite
5	15-25%	bn	bornite
6	25-50%	cov	covellite
7	50-75%	mal	malachite
8	75-100%	az	azurite



Lucky Joe

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

Page 2 of 6

DIAMOND DRILL HOLE RECORD

DDH LJD7-19

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION										MINERALIZATION										DESCRIPTION
							MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	
27.3	37.7	bn	sesch		sch cln		qz	6	ser	5	cl	3	Fe ox	2	gr	2											Qz wk-mod with d (3) qz - ser sch. Well developed S2 cln cleavage in places: 10° to parallel deformed qz veins. Sporadic brittle fracs oxidized fault gouge. Lower contact graphitic fault gouge.
37.7	50.3	dgn	dsch		sch		qz	5	cl	4	Fe ox	2	cc	3			py	tr									Qz deformed, mod chloritic schist (0-15). deformed qz veins, commonly // to S1 & deformed by S2. Minor cc alt. Trace pyrite
50.3	51.2	lgy	lp?		por		si	6	int	4	gn	2					py	tr									Qz int. porph? Minor foliation, relict relict Regal phenocrysts. Moderate silicification, int Minor - common, pale grn alt. py 1-2% thin (<1mm) qz stringer veins.
51.2	61.5	dgn	Mb?		fol	4	cl	6	bio	3	gn	2					py	tr									dgn to massive - mod foliated - altered Mb? Rock dominantly composed of qz-fp & cl, w minor biotite. Patchy qz-chlorite veining & minor fx. Rare py. Less deformed w/ incr. bio alt.

COLOUR		
BF-buff	OR-orange	L-light
BK-black	PN-pink	D-Dark
BL-blue	PP-purple	
BN-brown	RD-red	
CL-clear	TA-tan	
GY-grey	WT-white	
GN-green	YW-yellow	
OL-olive		

ALTERATION
1 - trace
2 - trace-weak
3 - weak
4 - weak-moderate
5 - moderate
6 - moderate-strong
7 - strong
8 - strong-v strong

MINERALIZATION			
1	trace	py	pyrite
2	1-3 %	cpy	chalcopyrite
3	3-10%	aspy	arsenopyrite
4	10-15%	cb	chalcocite
5	15-25%	bn	bornite
6	25-50%	cov	covellite
7	50-75%	mal	malachite
8	75-100%	az	azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

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DIAMOND DRILL HOLE RECORD

DDH 07-19.

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	MINERALIZATION MIN	MIN INT	MIN	MIN INT	MIN	MIN INT	MIN	MIN INT	MIN	MIN INT	DESCRIPTION
61.5	64.0	lgy.	S?	MB?	fol	4	si	6	mt	3	gn	1					py	tr	(gloss)								silica-altered Py qz-clock. Wkly fol'd, wkly brec'd, wk qtz-carb alt'n. Minor (5%) blk/gy clear qtz veins. Dacron (100 mm) blk qz-kspar dyke within interval.
64.0	71.1	dgn	MB?		fol	4	cl	6	bio	4	cp	1	K	1			py	5									Py mafic - wkly foliated, Py-cl-bio rock. 10% qtz-carb stringer veins. Minor sp-py & K-alt'n. Clots py 5% diss — 5% controlled py
71.1	73.2	dkbn	MB?	Sch.	fol	8	si	8	ab	7	K	5	ser	4	bio	5	py	2									Py, pervasively si-ab(?) alt'd MB. Strongly foliated - cherty appearance to much of interval — mylonite. Broken, gutted and sheared zone. Patchy sericite-K-spar alt'n
73.2	77.9	lgy	Sed?	MB?	fol	6	si	6	cl	5	bio	4	gn	4	K	3	py	5	cpy	tr							Py, fol'd lgy si-cl-bio-gn alt'd rock. Minor qtz-carb veins. 5-8% py, trace cpy
77.9	81.8	lkgy	Sed?	MB?	fol	6	si	4	cl	5	bio	4	gn	4	K	6	py	10									as above, more intense pervasive K-alt'n. More py.

COLOUR		
BF-buff	OR-orange	L-light
BK-black	PN-pink	D-Dark
BL-blue	PP-purple	
BN-brown	RD-red	
CL-clear	TA-tan	
GY-grey	WT-white	
GN-green	YW-yellow	
OL-olive		

ALTERATION
1 - trace
2 - trace-weak
3 - weak
4 - weak-moderate
5 - moderate
6 - moderate-strong
7 - strong
8 - strong-v strong

MINERALIZATION			
1	trace	py	pyrite
2	1-3 %	cpy	chalcopyrite
3	3-10%	aspy	arsenopyrite
4	10-15%	cb	chalcocite
5	15-25%	bn	bornite
6	25-50%	cov	covellite
7	50-75%	mal	malachite
8	75-100%	az	azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

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DIAMOND DRILL HOLE RECORD

DDH L07-19

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	ALT MIN	ALT INT	MINERALIZATION MIN	MIN INT	MIN	MIN INT	MIN	MIN INT	MIN	MIN INT	MIN	MIN INT
81.8	96.3	dgn	ClSch	Mb?	sch		cl	8	K	5	sp	7	cc	3	gn	1	py	3								
							ep	1																		
96.3	99.6	dgn	ClSch		sch fld	cl	8	K	5	sp	7	cc	3				py	3								
99.6	110.3	dgn	ClSch		sch	cl	8	K	4	sp	7	cc	3				py	3								
110.3	118.7	VN	Fp?	Vn?			si	8	K	6	bio	1	cl	1	mt	2	py	2								
118.7	118.7	dgn	ClSch		sch																					

DESCRIPTION

dgn intensely pervasively sil py alt'd rock. 30-40% thin sp ± cc veins, minor pervasive cc alt'n + abundant blebby pyrite. Minor qtz alt'n. Rare late ep-sp-cl-py veins

As above, mod schistose + more intensely bleached. Narrow (100 mm) felsic dyke to qtz-K alt'd veins & K alt'n patchy late ep alt'n

As per 81.8-96.3:

Totally pervasively si-K spar alt'd FP/vein? Fractures completely obliterated. Minor dilation of alteration minerals. K spar, si, bio, cl, mt, py

As per 81.8-96.3: Patchy, pervasive K/si alt'n accompanied by increased py abund. Local late sp flooding. K-spar veins common, typically laminated & deformed. Minor Fm staining

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cb chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

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DIAMOND DRILL HOLE RECORD

DDH 07-19

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION MIN	ALT INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	MIN INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
118.7	119.4	pkn	Fp	QSch	bx		s	8	K	8	cl	2													silicified Kspar-ser alt'n bx Fp (relict qz phenos.) & Kalt'd clastics. Pervasive prev. intervals. Patchy mod'ly alt'n in fp
119.4	146.6	dgn	ClSch	Mb?	sch		cl	6	bio	2	K	4	ep	3	gn	2	py	2							& dominantly ser alt'd Mb schist. Qz + cc & Kspar. Stringer veins minor - common. Patchy intense K-alt'n. Minor late ep flooding. Rare patchy gn alt'n.
146.6	148.6	dgy	Mgb?		fol	3	bio	7	K	5	ep	5					py	2							mg pervasively bio-alt'd dolerite dike? Pervasive K alt'n, 5%. qz-K-spar veins. Pervasive ep alt'n (ss of plag?) 1% diss py.
148.6	152.5	dgn	ClSch	Mb?	sch		cl	6	bio	5	ep	4	K	4			py	tr							As for prev. intervals: Minor bio alt'n, patchy & intense pervasive epidote-K alt'n. 5% qz-K-spar veins.
152.5	153.5	gn	Fp?				si	8	K	8	ser	3	ep	2			py	3							Pervasively si-K-spar alt'd fp. Minor calcit. Mod'ly oxidized patches. Minor foliation.

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cc chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

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DIAMOND DRILL HOLE RECORD

DDH 07-19.

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION										MINERALIZATION										DESCRIPTION
							MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	
55.5	58.8	dgn	ClSch	Mb?	sch		cl mt	6 2	bio	4	K	4	si	4	ep	2											Fg. cl-bio alt^{n}, sch Mb? patchy intense si-K spl alt^{n} acc. by incr. mt alt^{n} At least 2 gen vein generations - (1) ~ parallel, (2) X-cutting forming ~ to dm. Minor patchy late ep flooding
58.8 (EOH)	160.9	dgn	ClSch		sch		cl	7	bio	3							py	tr									Fg clsch. No si or K-spl alt^{n}. Fr. diss py, py controlled by 1% qz epidote veinlets x-cutting foln.

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cb chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

HOLE NUMBER: LJ07-20

PAGE 1 OF ____

PROJECT NAME:	Lucky Joe	UTM:	Nad 83	Zone 7	AZIMUTH:	250 DIP:	-45 DEPTH:
HOLE:	LJ07-20						
FINAL DEPTH:	181.1	Northing:	7048912		DOWNHOLE SURVEY:		ACID TEST
DATE START:		Easting:	571475		AZIMUTH:	DIP:	DEPTH: (m)
FINISH DATE:							
LOGGED BY:	Joanna Hodge	Line No.:					
CORE SIZE:	BTW	Station:					
DRILLING COMPANY:	Prospector						

PURPOSE: Hi Au and Cu soil anomaly

SUMMARY:

0 to 5.7	casing
5.7 to 11.3	qz-musc-gn schist, well developed S2 crenulation cleavage, minor faulting, patchy bleaching
11.3 to 17.5	cl±bio schist, patchy foln parallel bleaching, weathered py pits
17.5 to 19.3	ser schist, silvery sulfide mineral in foliation planes
19.3 to 51.0	cl schist, patchy K alteration, bleached in places, minor thin felsic porphyry dykes, patchy pervasive silicification, faulting in places
51.0 to 54.8	ser schist, bxd, weathered, Fe-stained pits - pyrite?
54.8 to 94.1	cl schist, pervasive cl-bio alteration, patchy intense gn alteration, some crenulation cleavage developed, minor faulting
94.1 to 97.3	intermediate volcanic? Pervasively qz-ser-bio altered
97.3 to 123.0	cl schist, pervasive patchy K alteration, minor tml alteration? Silicified, patchy cg blebby py
123.0 to 124.6	Qz-K-cl vein
124.6 to 129.3	bio schist, crenulated, qz-fsp-tml altered, minor patchy K alteration
129.3 to 131.0	qz-fsp porphyry
131.0 to 181.1	intermediate volcaniclastic sediment? Patchy K alteration, minor patchy epidote alteration, some bx, patchy pervasive bio alteration

No visible Cu mineralization

SAMPLE NUMBERS: 36209 - 36225

DUPLICATES			
FIELD DUPLICATES:			
	STANDARDS:	BLANKS:	
	36221	36222	
LAB DUPLICATES:			

ASSAY CERTIFICATES: _____

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

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DDH CJ07-20

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
0	57		NS																									Casing
57	113	lbn	Sch		f	sch		ser Fe	3	qz	6	grn	4	bio	4	anke?	2	py	tr									qz - musc - an schist. Main fol' 1° to CA (SS circulation cleavage developed more oblique to CA. Minor shearing. Patchy bleaching fair wispy qz alt'n. Bottom contact faulted.
113	175	dgy	Sch.	Mb?	f	sch																						Cl - bio schist. 5% fol' // minor (<10mm) qz veins. relict bio (replacing fe-Mg phenocrysts). patchy fol' // bleaching. fe-ox stained pits = weathered out py? Or carb alt'n?
175	193	lbn	S.Sch		f	sch		ser	8	qz	3	Fe	3	bio	3			py	tr									ser schist. Minor fe-ox, pale purple. Fol' 1° to CA. Minor fol' // qz veins. Fe-ox alum (with) incl. in proximity to qz veins. Light silvery sulfide mineral (py) in fol' planes (sample this)
193	217	lgy	C.Sh.		f	sch		qz	6	cl	4	bio	2	fe	2													Bleached Cl schist. patchy kaol'n. Minor fe-ox staining on joint surfaces. Minor bio.
217	268																											

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3%	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cic chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

Page

DDH L-TD7-20

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION										MINERALIZATION										DESCRIPTION
								MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	
21.7	26.8	dgn.	clsch.	Fp.	fg	sch		cl	6	bio	4	qz	4	ep	2.													Reach cl-bio-qz sch; to/n L to cl-bio. Minor white brecciated qz veins. Rare patches of epidote alt'n. Trace narrow (<1mm) fibrous cl veins. Minor thin felsic porphyry dykes.
26.8	29.9	lgn	clsch	Fp	fg	sch		qz	7	cl	4	bio	3															bleached, si-alt'd cl schist. Weathered, mod. ox staining along joint surfaces. Fg pyrite; mod si alt'n. Rare Fp dykes.
29.9	42.1	dgn	clsch	Fp	fg	sch		cl	7	bio	4	qz	3	Fe	2.													cl-bio-qz schist. Minor fg pel/v. qz-alt felsic porphyry (lower part of interval). Fault gouge, blocky. Minor narrow fg py qz veins.
42.1	45.6	wh.	FZ	Sch.	fg	bx		ser	8	Fe	5	qz	2	cl	1.													with FZ ser schist. Part of interval entirely ser alt'n. Much of interval broken (fault bx). Ser schist.
45.6	51.0	lgn	clsch.		fg	sch		cl	6	qz	2	ser	3	ep	1			py	2.									patchy si-alt'd cl schist. Minor ep alt'n. Rare patchy ep alt'n. Rare narrow ep veins x-cutting foln. Fg disseminated py.
51.0	54.8	wh	ser sch	FZ	fg	sch		qz	8	ser	6	Fe	5															with Fe-stained ser/sch. Bx'd. Rare minor deformed qz veins. Common Fe-Ox stained pits => with py?

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

Page of DDH LJT9-20

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
58.8	58.4	gngy	ClSch		fg	sch		cl	6	qz	4	gn	3			py	3									fresh, qz-cl schist fg blebby pyrite. Minor narrow fgn qz veins patchy intense cl alt'n & veining. Minor gn alt'n.
58.4	61.0	lbn	ClSch		fg	sch bx		qz	6	bio	6	cl	5	fe	2	py	3									with qtz-bio± cl schist + minor narrow mg white pervasive qz-alt'n to dikes patchy pervasive cl alt'n. Minor Fe-oxides. 5% cg blebby py
61.0	61.9	dgn	ClSch		cg	sch bx		qz	8	cl	7	bio	4			py	5									Pervasive qz-cl-bio-py alt'd rock. 5% cg py on vein margins & in fn blebs. 10% wide (20-30mm) cg bulky qz veins
61.9	62.6	lgn	Mafic	Mg?	cg			cl	8	bio	6	qz	4	gn	2	py	4									Perv cg qz-cl-bio-py alt'd rock. Relict plag phenos? Dolomite? gabbro? Minor gn alt'n. 10% cg blebby py & gn
62.6	73.5	dgn	ClSch		fg	sch		cl	8	bio	5	qz	5	gn	4	cp	3	py	3							pervasively cl-bio alt'd rock. 5% fg blebby & stringy qz veins // to foliation & vein hosted by commonly deep Tan chlorite. Minor gn alt'n wisps and in patches of intense gn alt'n. Minor patchy cp alt'n.
73.5	73.8	dgy	Mafic		cg			qz	6	cl	6	bio	6	gn	2											Perv. cl-bio alt'd rock. 20% cg blebby py. Minor gn alt'n. Mafic dyke?

COLOUR			ALTERATION	MINERALIZATION			
BF-buff	OR-orange	L-light	1 - trace	1	trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc	chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal	malachite
OL-olive			8 - strong-v strong	8	75-100%	az	azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

Page of DDH EJ07-20'

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
73.8	94.1	dgn	CLsh		fg	fol sh		cl	7	qz	6	bio	3	gn	1			py	5									Perv. qz-cl-bio-py altd schist (matic?) Minor qz patches typically assoc. w/ alt'n abundance. Minor py/po bearing qz veins. Patchy int. silic'n. Rare - minor gn alt'n. Some crenulation (52 ∠ to core axis) Often intensity incr. from 85.1 - 94.1 m. ±2% Vuggy. evidence of faulting
94.1	97.3	lgy	Id?		fg	fo	6	qz	6	fp	4	bio	4	ser	6			py	tr									Perv. altd intermediate volc? Qz ±fp, ser, bio. Minor K alt'n. Deformed qz veins x-cutting & oblique to core axis. Pervasive ser alt'n. Marion zone of ex
97.3	100.6	dgn	CLsh		fg	sch		cl	3	qz	3							py	3									Pervasively chl'd schist, minor late qz veins w/ ser alt'n x-cutting. Bn. Sto. of Bobby pit.
100.6	109.5	gn/gy	CLsh		fg	sch		qz	6	bio	6	cl	4					py	3									Pervasively sil'd. Patchy sto. Bobby pit.
109.5	113.1	dgy	Mb	FP	fg	sch xen		cl	7	qtz	6	bio	4					py	tr									Xenolithic porphyritic basalt. Pervasively cl alt'd, patchy strong bio alt'n. 20% Marion (50-100mm) qz-±fp dikes w/ K-sp alt'n selvages. Patches of basalt strongly schistose ±fp pervasively sil'd.

COLOUR			ALTERATION	MINERALIZATION			
BF-buff	OR-orange	L-light	1 - trace	1	trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc	chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal	malachite
OL-olive			8 - strong-v strong	8	75-100%	az	azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

Page of DDH LD07-20

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	*DESCRIPTION*
113.1	115.7	dgn	ClSch		fg	sch																						Pervasively Cl alt'd schist 10% irregular white bucky qz veins K-cutting foln. 5% fg py in foln planes.
115.7	118.6	gy	ClSch		fg	sch		si	6	ser	3	cl	6					py	tr									Patchy intense si-ser alt'n minor bifurcating qz veining minor patchy K alt'n Tr fg diss py.
118.6	123.0	pkgn	ClSch	FP?	fg	sch		cl	6	K	6	fm	4	ep	3			py	tr									Pervasive patchy K-fm alt'n in clschist bx v. alt'd FP Minor patchy ep alt'n 10% thin bifurcating qz veins Relict porphyritic texture, plag laths.
123.0	124.6	wh	VQZ		fg	brk																						Qz-K ± cl vein Qz 90%, cl 10%.
124.6	129.3	dgn	BioSch.		fg	sch		bio	7	cl	4	K	3															Granulated pervasive bio alt'd rock, MB-relict FP phenos (or alt'n) ~200mm wide dyke(?) Qz-FP-amph (or fm?) alt'n Minor patchy K-alt'n in Cl alt'd schist
129.3	131.0	wh	FP.			mas por		si	8	cl	3																	Qz-FP porphyry. Cl-alt'd FP Tr diss py, minor vuggy qz alt'n.
131.0	161.6	gy	IV	MV.	fg	mas fol	qz.																					Int-mafic volcanic/volcaniclastic, patchy qz alt'n minor patchy K-alt'n, abundant (15%) thin qz stringers, relict plag phenos, some faulting, assd albite alt'n

COLOUR			*ALTERATION*	*MINERALIZATION*			
BF-buff	OR-orange	L-light	1 - trace	1	trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc	chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal	malachite
OL-olive			8 - strong-v strong	8	75-100%	az	azurite

COPPER RIDGE EXPLORATIONS - COPPER ACE PROJECT

DIAMOND DRILL HOLE RECORD

Page of DDH LTD7-20

COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	*DESCRIPTION*
161.6	163.2	lgy	lv	lvss	fg																							Relatively pl-K-ep alt'd, bx'd, faulted. Vuggy silica, diss py, boxwork qz veins
163.2	164.6	lgy	FZ	lv(ss)	fg																							10% narrow qz veins (bx) & accomp ep alt'n. Perv. bio alt'n.
164.6	167.3	lgy	lv	lvss	fg	bl mas bx		cl	6	K	4	ep	4															Patchy K+ep veinlets, talc veinlets, relict plag phenos. Perv. cl alt'n.
167.3	168.9	pkgy	FZ	lv(ss)	fg	blk		cl	6	K	4	ep	4	Fe	2.													As above, minor Fe-ox.
168.9	170.4	dgn	FZ		fg	bx		cl	7	K	4																	As above, perv. cl alt'd, bx'd. Patchy K veinlets
170.4	181.1	gy	lv	lvss	fg	blk mas bl	4	K	4	ep	3	bio	1					py	tr									Patchy K alt'n, minor patchy ep alt'n, 10% narrow K veins (stockwork). Tr. bio alt'n. Tr. diss py.
																												EOH 181.1 metres

COLOUR			*ALTERATION*	*MINERALIZATION*	
BF-buff	OR-orange	L-light	1 - trace	1 trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2 1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3 3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4 10-15%	clc chalcocite
CL-clear	TA-tan		5 - moderate	5 15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6 25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7 50-75%	mal malachite
OL-olive			8 - strong-v strong	8 75-100%	az azurite

HOLE NUMBER: LJ07-22

PAGE 1 OF ____

PROJECT NAME:	Lucky Joe	UTM:	Nad 83	Zone 7	AZIMUTH:	250 DIP:	-55 DEPTH:
HOLE:	LJ07-22						
FINAL DEPTH:	249.6	Northing:	7049324		DOWNHOLE SURVEY:		ACID TEST
DATE START:		Easting:	571363		AZIMUTH:	DIP:	DEPTH: (m)
FINISH DATE:							
LOGGED BY:	Joanna Hodge	Line No.:	L 2E				
CORE SIZE:	BTW	Station:	250 SW				
DRILLING COMPANY:	Prospector						

PURPOSE: Geochemistry and IP anomaly between holes 07-16 and 07-19 with best visible mineralization.

SUMMARY:

0 to 8.8	casing
8.8 to 18.9	sericite schist, pervasively si-ser-K±bio altered, relict phenos? Poss igneous origin?
18.9 to 41.1	intermediate volcanic? Volcaniclastic? Variably foliated to schistose, minor faulting and associated gouge
41.1 to 67.1	sericite, sericite-chlorite schist, patchy pervasive cl-py alteration,
67.1 to 78.9	qz-cl-bio schist, patchy silica flooding, minor faulting, poorly developed S2 crenulation cleavage in patches. Trace disseminated cpy
78.9 to 85.3	qz-cl-bio schist, patchy K alteration, minor si alteration, bxd, trace cpy between 82.6 and 85.3
85.3 to 128.3	intermediate volcaniclastic sediment? Patchy strong graphite alteration, faulted, gougy, pervasive cl alteration
128.3 to 142.2	Cl schist, patchy pervasive si alteration, bleaching
142.2 to 142.7	felsic porphyry, unfoliated, chill margins
142.7 to 153.8	mafic volcaniclastic sediment? Pervasive biotite alteration, patchy silicification, mt alteration
153.8 to 156.0	diorite? Qz-ser altered, silicified
156.0 to 173.8	chlorite schist, moderate gn alteration, 10-15% cg blebby pyrite
173.8 to 175.2	silicified felsic porphyry
175.2 to 249.6	chlorite schist, moderate gn alteration, 10-15% cg blebby pyrite, thin felsic dyke at 222.7 to 223.7

SAMPLE NUMBERS: 36226 - 36250

DUPLICATES			
FIELD DUPLICATES:			
	ASSAY CERTIFICATES:		
	STANDARDS:	BLANKS:	
	36241	36242	
LAB DUPLICATES:			

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
0	8.8			NS																								Casing
8.8	11.9	brbn	Sch		f	sch		qz	8	ser	5	Fe	5					py	3									qz - ser schist. Poss. igneous relic porphyry) protolith. Mod with - strong Fe-ox staining pervasively qz altered, ser defines foliations. 5% py - disseminated & within foliation.
11.9	18.9	dgy	Sch		f	sch		qz	8	bio	5	K	5	fe	2	ser	2											pervasively si - bio - K-alt'd rock. Poss. ID as above but too altered & deformed to really tell. (e.g. qz 'eyes' which may be igneous or sedimentary) minor relict K-spar phenos? Wkly wth rare 10-20mm wide qz veins & abundant widespread K-spar veinlets
18.9	20.1	dgy	lv?		f	mas		si	6	bio	3	cl	3	ser	2													porphyritic int-volc? Poss relict qz phenocrysts. Pervasive si alt'n, minor bio, cl, ser alt'n. fresh.
20.1	25.3	bgrn	lv?		f	por fol	6																					As above? More weathered & altered. Patchy si alt'n, mod-strong ser + bio alt'n, rare - minor patchy K-spar stringer veinlets
25.3	26.6	bn	FZ	lv?	f	brk																						As above, weathered, faulted Fe-ox & green clay qz fractured surfaces. Pervasive patchy K-alt'n

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1 trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2 1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3 3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4 10-15%	cc	chalcocite
CL-clear	TA-tan		5 - moderate	5 15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6 25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7 50-75%	mal	malachite
OL-olive			8 - strong-v strong	8 75-100%	az	azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
26.6	30.1	pk	IV?		pxf sch	f																				perv. K alt^{d} ser alt^{d} defining foln 10% K veinlets; minor Mn staining.
30.1	36.7	pkbn	FZ	IV.	pxf bk	f																				as above faulted. Minor fault gouge.
36.7	41.1	pkgy	Sch.	IV	sch pxf	f		qp	6	ser	3	cl	2	bio	2	K	4									ser schist likely same protolith as prev. intervals. Relict phenos, pervasive qz, K, alt^{n} minor bio, late cl.
41.1	49.8	lgy	Sch.		f	sch		qp	6	ser	3	bio	3	K	2											qz-ser-bio schist. No K alt^{n} minor qz veins, minor patchy K-spar veins
49.8	51.4	pkbn	Sch.		f	sch		ser	7	qp	4	fe														with K alt^{d} ser schist. Fe-ox staining on fracture surfaces
51.4	51.7	gy	FZ	5°	f	fol		si	5	bio	3	cl	2	K	2											Foliated volcaniclastic sed? Silicified, chl-bio alt^{n} foliation, faulted. Minor ser, no gouge. Minor patchy K alt^{n}. Minor patchy cl alt^{n}. Si intensity increases towards lower contact. Minor wide (3 cm) clear qz-K-spar veins
51.7	58.3	lgy	Sch		f	sch																				qp-ser schist, minor bio, minor fe-staining on joint surfaces. Cl @ upper & lower contacts. Si related to middle (50 mm) qz-cl-musc-fsp vein

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3%	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
OL-olive			8 - strong-v strong	8	75-100%	az azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
58.3	62.6	brn	Sch		f	sch		ser	6	qz	4	cl	4					py	tr									qz-ser schist, with d partially flushed, minor epidote. Mod. pervasive cl alt'n, late narrow qz veins, less si than above interval, More ser. No K alt'n.
62.6	63.4	dgn	CISch		m	sch		cl	7	K	5	qp	5	Fe	3			py	4									Peiv. bio-py alt'd rock, schistose, partially clenulated 10% qz blebby py. Fr bund. L-Sch? grains? relict phenocrysts? Batholith undetermined.
63.4	67.1	bn	SerSch		f	sch clen		ser	8	cl	4	Fe	5															Peiv. ser. alt'd rock. Schistose, clenulated. Rare cl alt'n, strong Fe ox staining
67.1	68.1	gy	Sch		f	sch clen		ser	8	qp	2	Bi	8					py	3	cpy	tr							qz-ser-cl schist. Clenulated. 5% diss py & tr cpy?
68.1	70.1	gy	FZ	Sch	f	sch gou		ser	8	qp	8	cl	8	bio	3			py	3	cpy	tr							qz-ser-cl schist (+bio) in FZ. Much of interval ser. Much (gouge). 5% diss py & cpy tr.
70.1	73.8	gy	CISch		f	sch clen		cl	6	qp	4	ser	5					py	3	cpy	tr							qz-cl schist, patchy intense ser alt'n assoc w wide qp vein. 5% blebby py, tr cpy. Minor clenulations.
73.8	75.5	dgn	CISch		f	sch clen		cl	8	qz	5							py	3	cpy	tr							clen cl schist. Fol @ shallower to CA than prev. interval. Minor fault zone. Fe ox staining on fracture surfaces. 10% to 20% controlled py & tr cpy.

COLOUR

BF-buff	OR-orange	L-light
BK-black	PN-pink	D-Dark
BL-blue	PP-purple	
BN-brown	RD-red	
CL-clear	TA-tan	
GY-grey	WT-white	
GN-green	YW-yellow	
OL-olive		

ALTERATION

1	trace
2	trace-weak
3	weak
4	weak-moderate
5	moderate
6	moderate-strong
7	strong
8	strong-v strong

MINERALIZATION

1	trace	py	pyrite
2	1-3%	cpy	chalcopyrite
3	3-10%	aspy	arsenopyrite
4	10-15%	clc	chalcocite
5	15-25%	bn	bornite
6	25-50%	cov	covellite
7	50-75%	mal	malachite
8	75-100%	az	azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	CS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
75.5	78.9	gy	Mfb?		f	fol	6	cl	5	bio	5	sp	5					py	3	cpy	tr							Qz-cl-bio altd rock. V. Mfb? Qz veins diss cpy, typically less than 1% biotite. Patchy strong silicification adjacent to thick Qz milky Qz vein. Minor limonite staining on fracture surfaces.
								* Sample upper interval seperately *																				
78.9	82.6	dgy	Sch		f	fol		cl	8	sil	8	K	3	sp	3			py	2									Qz-cl schist. Bxd 30% qtz milky Qz veins typically boudinaged. Rare minor K alt assoc'd w Qz veins. Minor limonite & cl gouge. 3% diss py related py.
82.6	85.3	dgy	Sch		f	sil		cl	5	sil	8	K	1	sp	3			py	1	cpy	tr							As above. More silica flooding & Si-cl laminae. Less Qz veins. Minor fe ox staining. Trace alt. Trace cpy, Mo, py.
85.3	93.1	gy	Sch		f	fol	5	si	7	cl	3	bio	3					py	tr									Pervasively Qz+bio-cl alt'd rock. Volcaniclastic assd (int?) Rare Qz-K spar veins, tr diss py.
93.1	96.0	bn	FZ		f	fol	6	si	4	cl	5	bio	5	sp	1													As above, slightly more schistose. Less silicified. Faulted, minor rusty silica & K alt in pale crushed green clay & patchy ep alt. No sulf.
96.0	106.1	gy	Sch		f	fol	6	cl	6	si	4	sp	6															Si-cl-bio alt'd rock (volc. sed?) Patchy weathering, pyrite commonly leached & brown iron oxide. Bio laminae. Lower contact. No sulfides.

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orang	L-light	1 - trace	1 trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2 1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3 3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4 10-15%	clc	chalcocite
CL-clear	TA-tan		5 - moderate	5 15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6 25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7 50-75%	mal	malachite
DL-olive			8 - strong-v strong	8 75-100%	az	azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
106.1	118.6	dgy	FZ	Sch.	schf gou			gr	6	ser	4	bio	4	cl	3	cp	4											Bleached FZ. Patchy strong graphitic alt. Patchy ser + cl + bio alt. Interval ~ 40% gouge. Commonly strongly graphitic.
118.6	128.3	dgy	Sil			f	fol	s	cl	3								py	2									int. volc sed? Pervasive wk cl alt. 3% diss py. Rare deformed qz veins
128.3	134.1	dgn	MB?			f	fol	s	cl	5								py	tr									mafic volc / volc sed? Cl more abund than previous interval, less FZ/sil minerals. Patchy cl alt, rare narrow qz stringer veins. Tr py (diss).
134.1	138.2	dgy	Sil?	FZ		f	fol	s	cl	5	bio	4	qz	4	gn	2												qz-bio-cl-an alt'd rock, int volc sed? Wk patchy an alt, pervasive qz-cl-bio alt. Broken, rubbly. No mica, gouge.
138.2	142.2	dgn	Sch			f	sch		cl	8	qz	5	bio	4				py	tr									perv. cl alt'd schist 10% wide (20-50 mm) deformed qz veins + abundant thin qz stringers x-cutting foliation. Patchy pervasive intense silicification + bleaching. Tr diss py
142.2	142.7	bf	Fp			c	por																					porphyritic qz-fsp porphyry. Un-foliated. Chill margins. Minor Fe-ox staining

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	clc chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
DL-olive			8 - strong-v strong	8	75-100%	az azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	Str	Int	ALTERATION								MINERALIZATION										DESCRIPTION
							MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	
142.7	148.1	dgy	Mod?	fg	sch		bio	6	qz	4	cl	2													Dely. bio alt'd mafic volcanic/clastic schist? Sandy appearance, more felsic mins. than prev. interval. 10% foli controlled by minor – mod Fe ox staining in fractures that x-cut foli. 100 mm wide fD duke within interval
148.1	151.5	lgy	Mod?	fg	sch		si	7	bio	4	MT	3	gn	2											silicified biotite sch? Wkly gn alt'd, fractured, mod-str. Fe ox staining on fracture surfaces. 10% diss MT alt'n
151.5	153.8	bn	FZ	Mod?	fg	sch dark	si	7	bio	4	mt	3	cl	3	Fe	3									As above, faulted, extensive Fe-ox staining & patchy intense cl alt'n
153.8	156.0	gy	Ind?		por		si	6	ser	4	bio	2													qz-ser. alt'd diorite? Relict qz phenocrysts in fg qz-ser-bio (aphan?) matrix & moderately silicified. Rare minor qz veins
156.0	157.4	gy	Sch.				qz	6	bio	4	gn	2	ka	4											qz-bio-gn schist with Fe ox on it surfaces. Patches of total ka. alt'n.

COLOUR			ALTERATION	MINERALIZATION			
BF-buff	OR-orange	L-light	1 - trace	1	trace	py	pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy	chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy	arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cc	chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn	bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov	covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal	malachite
OL-olive			8 - strong-v strong	8	75-100%	az	azurite

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COMPUTER LOG

FROM	TO (m)	COLOUR	LITH 1	LITH 2	GS	Str	Int	ALTERATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	MINERALIZATION MIN	INT	MIN	INT	MIN	INT	MIN	INT	MIN	INT	DESCRIPTION
159.4	160.4	gy	Meat?		f	sch		qz	6	cl	4	bio	4					py	tr									qz-bio-cl schist. Mafic volcani-clastic? Patchy strong cl alt'n ± bio. Wide deformed white qz qz veins. tr fbl controlled py.
160.4	173.8	dgn	Clsch		f	sch		cl	6	bio	5	gn	3	cc	1			py	4									thick unit of f-m grained qz-cl schist. Minor-moderate alt'n, increasing intensity by increasing bio alt'n intensity. 10-15% qz stkwk, py. Minor cc alt'n. Non-deformed qz veins common.
173.8	175.2	w	Fp		m	por		si	8	ser	3																	Pervasively silicified, ser alt'd FP? Some albitization, Minor mafic minerals - act? amp?
175.2	200.7	dgn	Clsch		f	m		cl	7	bio	7	qz	4	gn	3	cc	1	py	4									thick unit of f-m grained qz-bio-cl-py altn rock. Minor-mod. patchy qz alt'n. Incr. in intensity w incr. bio. intensity stain alteration; py abundance increases w increasing bio-cl grain size. Minor cc alt'n.
200.7	208.7	gy	Fp		m	por		si	8	bio	3	cl	2															pervasively silicified qz por FP w/ Minor pervasive bio, replacing FP & clr patchy cl alt'n, typically forming veins
208.7	249.6	dgn	Clsch																									fg cl schist (as prev intervals). Minor-common narrow qz veins x-cutting fol, which is predom 1 to cm but occ ≤ 5 cm. Locally bleb cpy ± py. Commonly deformed.
EOH																												

COLOUR			ALTERATION	MINERALIZATION		
BF-buff	OR-orange	L-light	1 - trace	1	trace	py pyrite
BK-black	PN-pink	D-Dark	2 - trace-weak	2	1-3 %	cpy chalcopyrite
BL-blue	PP-purple		3 - weak	3	3-10%	aspy arsenopyrite
BN-brown	RD-red		4 - weak-moderate	4	10-15%	cic chalcocite
CL-clear	TA-tan		5 - moderate	5	15-25%	bn bornite
GY-grey	WT-white		6 - moderate-strong	6	25-50%	cov covellite
GN-green	YW-yellow		7 - strong	7	50-75%	mal malachite
DL-olive			8 - strong-v strong	8	75-100%	az azurite

2.0 APPENDIX II: CORE SAMPLE ANALYSES

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-11	400051	59.0	62.0	3.0		52	<0.03		
LJ07-11	400052	62.0	65.0	3.0		22	<0.03		
LJ07-11	400053	65.0	68.0	3.0		47	<0.03		
LJ07-11	400054	68.0	71.0	3.0		90	<0.03		
LJ07-11	400055	71.0	74.0	3.0		88	<0.03		
LJ07-11	400056	74.0	75.8	1.8		64	<0.03		
LJ07-11	400057	88.0	91.0	3.0		80	<0.03		
LJ07-11	400058	91.0	94.0	3.0		64	<0.03		
LJ07-11	400059	97.0	100.0	3.0	<0.01	35	<0.03		
LJ07-11	400060	100.0	103.0	3.0	<0.01	39	<0.03		
LJ07-11	400061	103.0	106.0	3.0	<0.01	37	<0.03		
LJ07-11	400062	106.0	109.0	3.0	0.10	31	<0.03		
LJ07-11	400063	120.0	123.0	3.0	<0.01	33	<0.03		
LJ07-11	400064	123.0	126.0	3.0	<0.01	42	<0.03		
LJ07-11	400065	126.0	129.0	3.0	<0.01	55	<0.03		
LJ07-11	400066	129.0	132.0	3.0	<0.01	43	<0.03		
LJ07-11	400067	132.0	135.0	3.0	<0.01	42	<0.03		
LJ07-11	400068	135.0	138.0	3.0	<0.01	42	<0.03		
LJ07-11	400069	159.0	162.0	3.0	<0.01	87	<0.03		
LJ07-11	400070	162.0	165.0	3.0	0.01	93	<0.03		
LJ07-11	400071	165.0	168.0	3.0	<0.01	48	<0.03		
LJ07-11	400072	168.0	171.0	3.0	<0.01	73	<0.03		
LJ07-11	400073	231.0	232.0	1.0	0.03	272	<0.03		
LJ07-11	400074	232.0	235.0	3.0	<0.01	4	<0.03		
LJ07-11	400075	235.0	239.0	4.0	<0.01	1	<0.03		
LJ07-11	400076	239.0	242.0	3.0	<0.01	2	<0.03		
LJ07-11	400077	242.0	245.0	3.0	<0.01	66	<0.03		
LJ07-11	*400078*				*<0.01*	*12*	*<0.03*		*Blank Haystack Mountain Diorite*
LJ07-11	400099	75.8	78.8	3.0		45	<0.03		
LJ07-11	400100	78.8	81.8	3.0		51	<0.03		
LJ07-11	400101	81.8	84.8	3.0		32	<0.03		
LJ07-11	400102	84.8	88.0	3.2		36	<0.03		
LJ07-11	400103	94.0	97.0	3.0		38	<0.03		
LJ07-11	400104	109.0	112.0	3.0		28	<0.03		
LJ07-11	400105	112.0	115.0	3.0		26	<0.03		

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-11	400106	115.0	118.0	3.0		31	<0.03		
LJ07-11	400107	118.0	120.0	2.0		30	<0.03		
LJ07-11	400108	138.0	141.0	3.0		59	<0.03		
LJ07-11	400109	141.0	146.0	5.0		47	<0.03		
LJ07-11	400110	150.0	153.0	3.0		56	<0.03		
LJ07-11	400111	153.0	156.0	3.0		70	<0.03		
LJ07-11	*400112*	*153.0*	*156.0*	*3.0*		*74*	*<0.03*		*Duplicate*
LJ07-11	400113	156.0	159.0	3.0		145	<0.03		
LJ07-11	400114	171.0	174.0	3.0		77	<0.03		
LJ07-11	400115	174.0	177.0	3.0		101	<0.03		
LJ07-11	*400116*					*6890*	*0.71*		*Standard CDN-CGS-11*
LJ07-11	400117	185.0	188.0	3.0		92	<0.03		
LJ07-11	400118	188.0	191.0	3.0		65	<0.03		
LJ07-11	400119	200.9	203.9	3.0		42	<0.03		
LJ07-11	400120	203.9	205.8	1.9		35	<0.03		
LJ07-11	400121	206.8	208.9	2.1		88	<0.03		
LJ07-11	400122	208.9	211.9	3.0		242	<0.03		

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-12	400079	25.2	26.0	0.8		11	<0.03		
LJ07-12	400080	54.9	57.9	3.0		25	<0.03		
LJ07-12	400081	122.2	125.2	3.0		470	<0.03		
LJ07-12	400082	125.2	128.2	3.0		513	<0.03		
LJ07-12	400083	128.2	131.2	3.0		654	<0.03		
LJ07-12	400084	134.1	137.1	3.0		295	<0.03		
LJ07-12	400085	139.4	142.4	3.0		60	<0.03		
LJ07-12	*400086*					*6914*	*0.72*		*Standard CDN-CGS-11*
LJ07-12	400087	28.7	31.7	3.0		35	<0.03		
LJ07-12	*400088*					*13*	*0.03*		*Blank Haystack Mountain Diorite*
LJ07-12	400089	43.3	46.3	3.0		23	<0.03		
LJ07-12	*400090*	*43.3*	*46.3*	*3.0*		*23*	*<0.03*		*Duplicate*
LJ07-12	400091	71.6	74.6	3.0		51	<0.03		
LJ07-12	400092	87.2	90.2	3.0		41	<0.03		
LJ07-12	400093	106.0	109.0	3.0		13	<0.03		
LJ07-12	400094	151.8	154.8	3.0		27	<0.03		
LJ07-12	400095	164.1	167.1	3.0		27	<0.03		
LJ07-12	400096	188.4	191.4	3.0		42	<0.03		
LJ07-12	400097	191.4	194.4	3.0		51	<0.03		
LJ07-12	400098	210.0	213.0	3.0		52	<0.03		

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-13	400124	14.9	17.9	3.0		36	<0.03		
LJ07-13	400125	29.9	32.9	3.0		69	<0.03		
LJ07-13	400126	32.9	35.9	3.0		31	<0.03		
LJ07-13	400127	51.5	54.5	3.0		18	<0.03		
LJ07-13	400128	72.4	75.4	3.0		18	<0.03		
LJ07-13	400129	85.1	85.6	0.5		25	<0.03		
LJ07-13	400130	91.4	94.4	3.0		19	0.03		
LJ07-13	400131	94.4	97.4	3.0		50	<0.03		
LJ07-13	*400132*	*94.4*	*97.4*	*3.0*		*49*	*<0.03*		*Duplicate*
LJ07-13	400133	97.4	100.4	3.0		21	<0.03		
LJ07-13	400134	100.4	103.4	3.0		28	<0.03		
LJ07-13	400135	107.6	110.6	3.0		17	<0.03		
LJ07-13	*400136*					*6953*	*0.76*		*Standard CDN-CGS-11*
LJ07-13	400137	118.8	121.8	3.0		30	<0.03		
LJ07-13	400138	121.8	124.8	3.0		34	<0.03		
LJ07-13	400139	128.0	131.0	3.0		27	<0.03		
LJ07-13	400140	131.0	134.0	3.0		751	<0.03		
LJ07-13	400141	134.0	137.0	3.0		134	<0.03		
LJ07-13	400142	137.0	138.5	1.5		10	<0.03		
LJ07-13	*400143*					*18*	*<0.03*		*Blank Haystack Mountain Diorite*
LJ07-13	400144	138.5	140.9	2.4		531	0.03		
LJ07-13	400145	140.9	143.9	3.0		2608	0.22		
LJ07-13	400146	143.9	146.8	3.0		272	0.05		
LJ07-13	400147	146.8	149.8	3.0		32	<0.03		
LJ07-13	400148	154.4	157.4	3.0		43	<0.03		
LJ07-13	400149	166.9	169.9	3.0		50	<0.03		
LJ07-13	400150	190.4	193.4	3.0		35	<0.03		
LJ07-13	400151	193.4	196.4	3.0		31	<0.03		
LJ07-13	400152	196.4	197.9	1.5		530	<0.03		
LJ07-13	400153	197.9	200.9	3.0		43	<0.03		
LJ07-13	400154	200.9	203.0	2.2		25	<0.03		
LJ07-13	400155	203.0	205.4	2.4		23	<0.03		
LJ07-13	400156	205.4	207.2	1.7		17	<0.03		
LJ07-13	400157	207.2	210.2	3.0		21	<0.03		
LJ07-13	400158	210.2	213.2	3.0	<0.01	17	<0.03		

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-13	400159	213.2	216.2	3.0	0.01	105	0.03		
LJ07-13	*400160*	*213.2*	*216.2*	*3.0*	*<0.01*	*99*	*<0.03*		*Duplicate*
LJ07-13	400161	216.2	219.2	3.0	<0.01	19	<0.03		
LJ07-13	400162	219.2	222.2	3.0	<0.01	41	<0.03		
LJ07-13	400163	222.2	223.4	1.2	<0.01	59	<0.03		
LJ07-13	*400164*				*<<0.01*	*12*	*<0.03*		*Blank Haystack Mountain Diorite*
LJ07-13	400165	223.0	223.1	0.1	<0.01	3	<0.03		
LJ07-13	400166	223.4	225.2	1.8	<0.01	7	<0.03		
LJ07-13	*400167*				*0.69*	*6928*	*0.72*		*Standard CDN-CGS-11*
LJ07-13	400168	233.3	236.3	3.0	<0.01	21	<0.03		
LJ07-13	400169	236.3	239.3	3.0	<0.01	34	<0.03		
LJ07-13	400170	239.3	242.3	3.0	<0.01	60	<0.03		
LJ07-13	400171	242.3	245.3	3.0	<0.01	42	<0.03		
LJ07-13	400172	245.3	248.3	3.0	<0.01	57	<0.03		
LJ07-13	400173	248.3	251.3	3.0	<0.01	36	<0.03		
LJ07-13	400174	251.3	253.3	2.0	<0.01	41	<0.03		
LJ07-13	400175	253.3	255.7	2.4	<0.01	48	<0.03		

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-14	36001	8.1	9.3	1.2		10		2.5	
LJ07-14	36002	20.8	23.5	2.7		8		2.5	
LJ07-14	36003	23.5	26.0	2.5		19		2.5	
LJ07-14	36004	26.0	28.5	2.5		22		2.5	
LJ07-14	36005	28.5	30.9	2.4		22		2.5	
LJ07-14	36006	34.8	35.8	1.0		2		2.5	
LJ07-14	36007	39.8	40.7	0.9		2		2.5	
LJ07-14	36008	42.8	44.9	2.1		10		2.5	
LJ07-14	36009	50.6	53.0	2.4		206		10.0	
LJ07-14	36010	53.0	55.6	2.6		49		2.5	
LJ07-14	36011	60.5	62.9	2.4		40		2.5	
LJ07-14	36012	62.9	65.2	2.4		47		2.5	
LJ07-14	36013	68.5	71.5	3.0		111		2.5	
LJ07-14	36014	71.5	74.5	3.0		95		10.0	
LJ07-14	36015	74.5	77.5	3.0		36		2.5	
LJ07-14	36016	77.5	80.5	3.0		15		2.5	
LJ07-14	36017	80.5	83.5	3.0		8		2.5	
LJ07-14	36018	83.5	85.6	2.1		14		2.5	
LJ07-14	36019	85.6	87.2	1.6		34		65.0	
LJ07-14	36020	88.3	90.5	2.2		14		2.5	
LJ07-14	*36021*					*51*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-14	36022	103.0	106.0	3.0		9		2.5	
LJ07-14	36023	113.0	115.4	2.4		5		2.5	
LJ07-14	36024	118.0	121.0	3.0		5		2.5	
LJ07-14	36025	127.0	127.7	0.7		144		25.0	
LJ07-14	36026	127.7	130.2	2.5		6		10.0	
LJ07-14	36027	130.2	132.5	2.3		6		2.5	
LJ07-14	36028	134.0	137.0	3.0		18		2.5	
LJ07-14	36029	142.2	142.6	0.4		15		15.0	
LJ07-14	36030	151.0	154.0	3.0		10		5.0	
LJ07-14	*36031*	*151.0*	*154.0*	*3.0*		*100*		*<5*	*Duplicate*
LJ07-14	36032	156.5	159.5	3.0		6		2.5	
LJ07-14	36033	159.5	162.3	2.9		26		5.0	
LJ07-14	36034	168.0	171.0	3.0		10		10.0	
LJ07-14	36035	171.9	174.8	2.9		4305		50.0	

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-14	36036	174.8	177.8	3.0		246		5.0	
LJ07-14	36037	177.8	180.8	3.0		16		5.0	
LJ07-14	36038	180.8	183.8	3.0		59		2.5	
LJ07-14	36039	183.8	185.8	2.0		225		10.0	
LJ07-14	36040	185.8	187.2	1.4		1360		55.0	
LJ07-14	36041	187.2	188.6	1.4		272		5.0	
LJ07-14	36042	188.6	191.1	2.5		320		10.0	
LJ07-14	*36043*					*51*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-14	36044	192.5	195.5	3.1		356		140.0	
LJ07-14	*36045*					*29*		*720*	*Standard CDN-CGS-11*
LJ07-14	36046	195.5	198.5	3.0		39		5.0	
LJ07-14	36047	198.5	201.5	3.0		48		2.5	
LJ07-14	36048	201.5	204.5	3.0		56		2.5	
LJ07-14	36049	204.5	207.3	2.8		70		2.5	
LJ07-14	*36050*	*204.5*	*207.3*	*2.8*		*181*		*<5*	*Duplicate*
LJ07-14	36051	207.3	210.2	2.9		41		2.5	
LJ07-14	36052	210.2	213.2	3.0		24		2.5	
LJ07-14	36053	213.2	216.2	3.0		64		2.5	
LJ07-14	36054	216.2	219.2	3.0		62		2.5	
LJ07-14	36055	219.2	222.2	3.0		30		5.0	
LJ07-14	36056	222.2	225.2	3.0		43		5.0	
LJ07-14	36057	225.2	228.2	3.0		46		2.5	
LJ07-14	36058	230.2	233.2	3.0		34		2.5	
LJ07-14	36059	236.2	239.2	3.0		34		2.5	
LJ07-14	*36060*					*52*		*5*	*Blank Haystack Mountain Diorite*
LJ07-14	36061	242.2	245.2	3.0		51		2.5	
LJ07-14	36062	248.2	251.2	3.0		58		2.5	
LJ07-14	36063	251.2	254.2	3.0		19		2.5	
LJ07-14	36064	254.2	257.2	3.0		7		5.0	
LJ07-14	*36065*					*29*		*720*	*Standard CDN-CGS-11*
LJ07-14	36066	258.2	261.2	3.0		33		5.0	
LJ07-14	36067	264.2	267.2	3.0		87		5.0	
LJ07-14	36068	267.2	270.2	3.0		38		5.0	
LJ07-14	36069	270.2	273.2	3.0		14		2.5	
LJ07-14	*36070*	*270.2*	*273.2*	*3.0*		*74*		*5*	*Duplicate*

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-14	36071	273.2	276.2	3.0		37		5.0	
LJ07-14	36072	276.2	279.2	3.0		44		2.5	
LJ07-14	36073	279.2	282.2	3.0		20		15.0	
LJ07-14	36074	282.2	285.2	3.0		20		5.0	
LJ07-14	36075	285.2	288.2	3.0		39		10.0	
LJ07-14	36076	288.2	291.2	3.0		58		10.0	
LJ07-14	36077	291.2	294.2	3.0		42		5.0	
LJ07-14	36078	294.2	296.2	2.0		55		5.0	
LJ07-14	36079	296.2	298.7	2.5		92		5.0	
LJ07-14	*36080*					*40*		*5*	*Blank Haystack Mountain Diorite*
LJ07-14	*36081*					*36*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-14	*36082*					*60*		*5*	*Blank Haystack Mountain Diorite*

Standard Values	Cu (%)	σ2	Au (g/t)	σ2
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-15	36083	7.3	10.3	3.0		76		15.0	
LJ07-15	36084	12.2	15.2	3.0		104		2.5	
LJ07-15	*36085*					*28*		*740*	*Standard CDN-CGS-11*
LJ07-15	36086	24.1	27.1	3.0		63		2.5	
LJ07-15	36087	33.0	36.0	3.0		135		2.5	
LJ07-15	36088	36.0	36.5	0.6		121		2.5	
LJ07-15	36089	36.5	39.5	3.0		119		2.5	
LJ07-15	36090	36.5	39.5	3.0		112		2.5	
LJ07-15	36091	39.5	42.5	3.0		70		2.5	
LJ07-15	36092	42.5	45.5	3.0		69		5.0	
LJ07-15	36093	45.5	48.5	3.0		61		2.5	
LJ07-15	36094	48.5	51.5	3.0		79		15.0	
LJ07-15	36095	51.5	54.5	3.0		119		2.5	
LJ07-15	36096	54.5	57.5	3.0		70		2.5	
LJ07-15	36097	57.5	60.5	3.0		68		2.5	
LJ07-15	36098	60.5	63.5	3.0		69		2.5	
LJ07-15	36099	63.5	66.5	3.0		65		2.5	
LJ07-15	36100	72.9	75.9	3.1		82		2.5	
LJ07-15	36101	88.1	91.1	3.1		62		2.5	
LJ07-15	36102	100.3	103.3	3.1		146		5.0	
LJ07-15	36103	112.5	115.5	3.1		108		2.5	
LJ07-15	36104	121.6	124.7	3.0		63		10.0	
LJ07-15	36105	124.7	1227.7	1103.1		116		5.0	
LJ07-15	36106	133.8	136.9	3.1		68		5.0	
LJ07-15	36107	143.0	146.0	3.0		90		2.5	
LJ07-15	36108	146.0	149.1	3.1		57		5.0	
LJ07-15	36109	149.1	152.1	3.0		44		2.5	
LJ07-15	*36110*					*47*		*10*	*Blank Haystack Mountain Diorite*

Standard Values	Cu (%)	σ2	Au (g/t)	σ2
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-16	400176	11.8	14.8	3.0		273		10.0	
LJ07-16	400177	14.8	17.8	3.0		305		5.0	
LJ07-16	400178	17.8	20.5	2.7		328		10.0	
LJ07-16	400179	20.5	21.9	1.4		163		10.0	
LJ07-16	400180	21.9	22.5	0.6		959		2.5	
LJ07-16	400181	22.5	25.5	3.0		414		20.0	
LJ07-16	400182	25.5	27.1	1.6		193		5.0	
LJ07-16	400183	27.1	28.0	0.9		1203		15.0	
LJ07-16	400184	28.0	31.0	3.0		3309		35.0	
LJ07-16	*400185*					*46*		*5*	*Blank Haystack Mountain Diorite*
LJ07-16	400186	31.0	34.0	3.0		959		25.0	
LJ07-16	*400187*	*31.0*	*34.0*	*3.0*		*75*		*60*	*Duplicate*
LJ07-16	400188	34.0	36.3	2.3		437		15.0	
LJ07-16	*400189*					*28*		*725*	*Standard CDN-CGS-11*
LJ07-16	400190	36.3	39.8	3.5		2189		120.0	
LJ07-16	400191	39.8	42.8	3.1		2840		210.0	
LJ07-16	400192	42.8	45.4	2.6		800		70.0	
LJ07-16	400193	45.4	46.7	1.3		2747		75.0	
LJ07-16	400194	46.7	49.0	2.3		171		5.0	
LJ07-16	400195	49.0	52.0	3.0		20		2.5	
LJ07-16	400196	52.0	55.0	3.0		73		5.0	
LJ07-16	400197	55.0	58.0	3.0		85		2.5	
LJ07-16	400198	72.3	75.3	3.0		34		5.0	
LJ07-16	400199	86.1	89.1	3.0		22		2.5	
LJ07-16	400200	100.9	103.9	3.0		35		5.0	
LJ07-16	400201	108.0	111.0	3.0		15		10.0	
LJ07-16	400202	114.0	117.0	3.0		47		5.0	
LJ07-16	400203	120.0	123.0	3.0		15		5.0	
LJ07-16	400204	126.0	129.0	3.0		16		5.0	
LJ07-16	*400205*					*53*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-16	400206	132.0	135.0	3.0		23		30.0	
LJ07-16	*400207*	*132.0*	*135.0*	*3.0*		*86*		*10*	*Duplicate*
LJ07-16	400208	138.0	141.0	3.0		45		15.0	
LJ07-16	*400209*					*29*		*740*	*Standard CDN-CGS-11*
LJ07-16	400210	141.0	144.0	3.0		42		10.0	

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-16	400211	144.0	147.0	3.0		51		2.5	
LJ07-16	400212	147.0	149.8	2.8		41		2.5	
LJ07-16	400213	149.8	150.4	0.7		8		2.5	
LJ07-16	400214	150.4	153.4	3.0		62		2.5	
LJ07-16	400215	153.4	156.4	3.0		36		2.5	
LJ07-16	400216	156.4	157.6	1.2		36		5.0	
LJ07-16	400217	157.6	158.7	1.1		31		2.5	
LJ07-16	400218	158.7	161.7	3.0		28		2.5	
LJ07-16	400219	164.7	167.7	3.0		42		2.5	
LJ07-16	400220	170.7	173.7	3.0		41		2.5	
LJ07-16	400221	180.5	181.2	0.7		48		2.5	
LJ07-16	400222	188.6	191.6	3.0		18		5.0	
LJ07-16	400223	196.9	199.9	3.0		200		2.5	

Standard Values	Cu (%)	σ2	Au (g/t)	σ2
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-17	36111	8.5	11.9	3.4		32		10.0	
LJ07-17	36112	11.9	13.4	1.5		17		5.0	
LJ07-17	36113	24.1	27.1	3.0		29		5.0	
LJ07-17	36114	39.1	41.0	1.9		5		10.0	
LJ07-17	36115	45.5	48.5	3.0		12		10.0	
LJ07-17	36116	60.7	63.7	3.0		57		5.0	
LJ07-17	36117	75.9	78.9	3.0		14		5.0	
LJ07-17	36118	91.4	94.2	2.8		37		10.0	
LJ07-17	36119	106.4	109.4	3.0		27		5.0	
LJ07-17	36120	121.6	124.6	3.0		26		10.0	
LJ07-17	*36121*					*28*		*725*	*Standard CDN-CGS-11*
LJ07-17	*36122*					*37*		*30*	*Blank Haystack Mountain Diorite*
LJ07-17	36123	138.7	139.3	0.6		8		10.0	
LJ07-17	36124	155.1	158.1	3.0		22		5.0	
LJ07-17	36125	184.9	186.4	1.5		28		2.5	
LJ07-17	36126	186.4	189.2	2.8		17		5.0	
LJ07-17	36127	189.2	190.2	1.0		13		5.0	
LJ07-17	36128	190.2	191.7	1.5		7		5.0	
LJ07-17	36129	191.7	193.1	1.4		3		15.0	
LJ07-17	36130	193.1	194.1	1.0		74		15.0	
LJ07-17	36131	194.1	196.1	2.0		45		2.5	
LJ07-17	36132	196.1	197.8	1.7		23		15.0	
LJ07-17	36133	197.8	200.8	3.0		13		10.0	
LJ07-17	36134	213.1	216.1	3.0		20		5.0	
LJ07-17	36135	228.3	231.3	3.0		58		5.0	
LJ07-17	36136	240.2	242.2	2.0		38		5.0	
LJ07-17	36137	242.2	243.5	1.3		51		10.0	

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-18	36138	3.1	5.8	2.7		33		2.5	
LJ07-18	36139	18.0	21.0	3.0		31		5.0	
LJ07-18	36140	35.7	36.2	0.5	0.11	1026		145.0	
LJ07-18	*36141*					*6910*		*715*	*Standard CDN-CGS-11*
LJ07-18	*36142*					*21*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-18	36143	36.2	37.1	0.9	0.35	3614		110.0	
LJ07-18	36144	37.1	38.1	1.0		816		115.0	
LJ07-18	36145	38.1	39.3	1.2	0.21	2160		330.0	
LJ07-18	36146	39.3	41.3	2.0	0.20	2026		55.0	
LJ07-18	36147	41.3	43.3	2.0	0.13	1299		45.0	
LJ07-18	36148	43.3	43.9	0.6	0.18	1892		40.0	
LJ07-18	36149	43.9	44.3	0.4	0.13	1323		25.0	
LJ07-18	36150	44.3	45.4	1.1		700		10.0	
LJ07-18	36152	45.4	47.4	2.0		788		2.5	
LJ07-18	36153	47.4	48.5	1.1		415		15.0	
LJ07-18	36154	48.5	48.8	0.3		285		15.0	
LJ07-18	36155	48.8	50.8	2.0		297		55.0	
LJ07-18	36156	50.8	52.2	1.4		543		25.0	
LJ07-18	36157	52.2	52.8	0.6	0.13	1254		20.0	
LJ07-18	36158	52.8	54.2	1.4	0.14	1329		25.0	
LJ07-18	36159	54.2	54.7	0.5	0.82	8361		90.0	
LJ07-18	36160	54.7	55.8	1.1	0.11	1048		30.0	
LJ07-18	*36161*					*29*		*705*	*Standard CDN-CGS-11*
LJ07-18	*36162*					*63*		*5*	*Blank Haystack Mountain Diorite*
LJ07-18	36163	55.8	56.3	0.5	0.32	3136	0.56	570.0	
LJ07-18	36164	56.3	58.3	2.0		889		25.0	
LJ07-18	36165	58.3	60.3	2.0	0.19	1778		50.0	
LJ07-18	36166	60.3	61.7	1.4	0.24	2298		325.0	
LJ07-18	36167	61.7	62.3	0.6	0.40	3891	0.94	>1000	
LJ07-18	36168	62.3	63.7	1.4		514		70.0	
LJ07-18	36169	63.7	64.5	0.8		58		2.5	
LJ07-18	36170	78.9	82.0	3.1		31		5.0	
LJ07-18	36171	96.0	97.9	1.9		62		20.0	
LJ07-18	36172	109.2	111.2	2.0		53		10.0	
LJ07-18	36173	111.2	112.4	1.2		36		5.0	

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-18	36174	112.4	115.4	3.0		42		10.0	
LJ07-18	36175	115.4	116.0	0.6		40		5.0	
LJ07-18	36176	116.0	118.6	2.6		33		5.0	
LJ07-18	36177	118.6	121.6	3.0		39		10.0	
LJ07-18	36178	121.6	124.4	2.8		59		5.0	

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-19	36179	5.5	8.5	3.0		526		50	
LJ07-19	36180	8.5	10.5	2.0	0.27	2813		110	
LJ07-19	*36181*					*29*		*735*	*Standard CDN-CGS-11*
LJ07-19	*36182*					*46*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-19	36183	10.5	11.8	1.3	0.31	3157	0.53	560	
LJ07-19	36184	11.8	13.8	2.0	2.20	>10000		60	
LJ07-19	36185	13.8	15.8	2.0	0.63	6407	1.31	>1000	
LJ07-19	36186	15.8	17.2	1.4		714		35	
LJ07-19	36187	17.2	17.7	0.5		77		20	
LJ07-19	36188	20.7	23.8	3.1		39		2.5	
LJ07-19	36189	39.0	42.1	3.1		52		5	
LJ07-19	36190	50.3	51.2	0.9		13		2.5	
LJ07-19	36192	54.3	57.3	3.0		23		2.5	
LJ07-19	36193	61.5	64.0	2.5		8		2.5	
LJ07-19	36194	71.1	73.2	2.1		10		10	
LJ07-19	36195	73.2	75.2	2.0		43		5	
LJ07-19	36196	75.2	77.2	2.0		69		2.5	
LJ07-19	36197	77.2	77.9	0.7		10		2.5	
LJ07-19	36198	84.7	87.8	3.1		58		2.5	
LJ07-19	36199	96.9	100.0	3.1		63		10	
LJ07-19	36200	110.3	112.2	1.9		12		2.5	
LJ07-19	*36201*					*30*		*715*	*Standard CDN-CGS-11*
LJ07-19	*36202*					*44*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-19	36203	115.2	118.3	3.1		45		2.5	
LJ07-19	36204	130.5	133.5	3.0		26		2.5	
LJ07-19	36205	146.6	148.6	2.0		83		2.5	
LJ07-19	36206	152.5	153.5	1.0		29		2.5	
LJ07-19	36207	154.8	157.9	3.1		23		5	
LJ07-19	36208	157.9	160.9	3.0		25		5	

Standard Values	**Cu (%)**	**σ2**	**Au (g/t)**	**σ2**
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-20	36209	5.7	8.8	3.1		33		5	
LJ07-20	36210	14.9	18.0	3.1		21		2.5	
LJ07-20	36211	33.2	36.3	3.1		18		2.5	
LJ07-20	36212	48.5	51.5	3.0		34		5	
LJ07-20	36213	61.9	62.6	0.7		40		5	
LJ07-20	36214	75.9	78.9	3.0		49		5	
LJ07-20	36215	94.1	97.3	3.2		33		2.5	
LJ07-20	36216	103.3	106.4	3.1		34		2.5	
LJ07-20	36217	109.4	112.5	3.1		36		2.5	
LJ07-20	36218	118.6	121.6	3.0		39		5	
LJ07-20	36219	129.3	131.0	1.7		16		2.5	
LJ07-20	36220	146.0	149.0	3.0		9		2.5	
LJ07-20	*36221*					*27*		*725*	*Standard CDN-CGS-11*
LJ07-20	*36222*					*39*		*<5*	*Blank Haystack Mountain Diorite*
LJ07-20	36223	161.0	163.2	2.2		4		2.5	
LJ07-20	36224	176.5	179.5	3.0		13		2.5	
LJ07-20	36225	179.5	181.1	1.6		4		2.5	

Standard Values	Cu (%)	σ2	Au (g/t)	σ2
CDN-CGS-11	0.683	0.026	0.73	0.068

Hole Id	Sample Number	From	To	Interval	Cu (%)	Cu (ppm)	Au (g/t)	Au (ppb)	Comments
LJ07-22	36226	8.8	11.8	3.0		39		5	
LJ07-22	36227	27.1	30.2	3.1		70		2.5	
LJ07-22	36228	36.7	39.3	2.6		31		5	
LJ07-22	36229	45.4	48.5	3.1		19		2.5	
LJ07-22	36230	62.6	63.4	0.8	0.35	3333		15	
LJ07-22	36231	67.1	68.1	1.0		643		20	
LJ07-22	36232	68.1	70.1	2.0	0.20	1954		40	
LJ07-22	36233	70.1	72.1	2.0	0.09	1093		45	
LJ07-22	36234	72.1	73.8	1.7		410		35	
LJ07-22	36235	73.8	75.5	1.7	0.12	1142		65	
LJ07-22	36236	75.5	76.9	1.4	0.26	2476		15	
LJ07-22	36237	76.9	78.9	2.0	0.13	1221		65	
LJ07-22	36238	82.6	85.3	2.7	0.32	3090		445	
LJ07-22	36239	97.2	100.2	3.0		48		10	
LJ07-22	36240	106.4	109.4	3.0		53		5	
LJ07-22	*36241*					*28*		*720*	*Standard CDN-CGS-11*
LJ07-22	*36242*					*50*		*5*	*Blank Haystack Mountain Diorite*
LJ07-22	36243	130.8	133.8	3.0		25		15	
LJ07-22	36244	142.2	142.7	0.5		10		5	
LJ07-22	36245	164.3	167.3	3.0		46		5	
LJ07-22	36246	173.8	175.2	1.4		6		2.5	
LJ07-22	36247	191.7	194.8	3.1		41		2.5	
LJ07-22	36248	216.1	219.2	3.1		72		5	
LJ07-22	36249	222.7	223.7	1.0		63		5	
LJ07-22	36250	246.6	249.6	3.0		41		5	

Standard Values	Cu (%)	σ2	Au (g/t)	σ2
CDN-CGS-11	0.683	0.026	0.73	0.068

3.0 APPENDIX III: SOIL GEOCHEMICAL ANALYSES

Sample No	Easting	Northing	Description
36251	571299	7048982	40 cm, orangey, sandy 7 degree slope, c horizon
36252	571320	7048984	40 cm, med. Slope, orangy, slightly green, sandy, c horizon
36253	571344	7048992	45 cm, orangy/red/brown, med slope, c horizon
36254	571368	7049000	50 cm, orangy/brown, sandy, med slope, c horizon
36255	571392	7049008	40 cm, orangey brown, sandy, few small rocks, med slope, c horizon
36256	571417	7049013	50 cm, light brown, med slope, c horizon
36257	571440	7049019	40 cm, light brown, med slope, c horizon
36258	571464	7049025	45 cm, light brown, med/high slope, c horizon
36259	571489	7049031	65 cm, light brown/orange, med/high slope, c horizon
36260	571512	7049039	50 cm, sandy/orangey brown, med/high slope, c horizon
36261	571538	7049045	50 cm, light brown, high slope, c horizon
36262	571562	7049049	45 cm, light brown, sandy, high slope, c horizon
36263	571586	7049057	65 cm, light brown/orange, rocky/sandy, high slope, c horizon
36264	571611	7049064	40 cm, light orangey brown, high slope, c horizon
36265	571635	7049070	60 cm, light brown/tan, high slope, c horizon
36266	571658	7049076	65 cm, light brown/tan, med slope, c horizon
36267	571682	7049083	65 cm, darker brown, slightly frozen, low slope, c+ horizon
36268	571699	7049089	75 cm, green/brown/grey, low slope, c+ horizon
36269	571632	7049003	25 cm, orange/tan, c+ horizon, unable to dig deeper
36270	571610	7048992	45 cm, orangy/light brown, sandy, c+ horizon, difficult to go further
36271	671584	7048984	25 cm, orange/yellow/tan, sandy, crumbly, b- horizon
36272	571562	7048977	35 cm, orange/tan/sandy, c horizon
36273	571538	7048969	40 cm, yellowish/tan, sandy/crumbly, c horizon
36274	571515	7048959	30 cm, light brown, sandy/crumbly, b-horizon
36275	571491	7048952	40 cm, orange/tan, sandy
36276	571467	7048944	65 cm, light brown to light grey, sandy to gravel/pebbly, c horizon
36277	571443	7048936	40 cm, yellowish/brown/tan, sandy, c+ horizon
36278	571419	7048927	30 cm, light brown/khaki, sandy/granular, b-/c+ horizon
36279	571397	7048918	85 cm, light brownish/red, sandy, c+ horizon
36280	571373	7048911	45 cm, light brown, sandy c+ horizon
36281	571349	7048903	45 cm, light grey/brown, sandy, c+ horizon
36282	571335	7048897	45 cm, light brown, sandy, c+ horizon
36283	571372	7048813	30 cm, light brown, sandy, med slope, c+ horizon
36284	571396	7048822	40 cm, light brown/green, med slope, c horizon
36285	571420	7048830	50 cm, dark brown, med slope, c+ horizon
36286	571444	7048838	45 cm, dark brown, med slope, c horizon
36287	571469	7048846	45 cm, light brown,/tan, med slope, c horizon
36288	571492	7048852	35 cm, light brown, med slope, c horizon
36289	571517	7048860	35 cm, med-brown, high slope, c horizon
36290	571539	7048871	30 cm, light brown, high slope, c horizon
36291	571565	7048873	25 cm, light brown/orange, high slope, c horizon
36292	571587	7048883	30 cm, light brown, high slope, c horizon

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36251	3	0.1	1.58	3	275	25	0.09	1	7	6	20	4.04	5	0.61	259	3	0.03	4	420	32	3	10	18	0.12	5	41	5	1	49
36252	3	0.1	1.84	3	290	40	0.31	1	13	24	32	6.05	5	0.84	193	4	0.06	7	650	54	3	10	66	0.20	5	260	5	1	85
36253	5	0.5	2.75	3	515	3	0.34	1	22	22	808	7.93	20	1.50	562	10	0.04	10	310	400	3	10	44	0.18	5	216	5	1	704
36254	5	0.2	1.83	3	240	20	0.28	1	19	16	25	4.06	10	0.44	606	3	0.02	13	190	40	3	10	34	0.08	5	58	5	8	109
36255	3	0.5	2.14	5	265	20	0.30	1	15	35	27	4.22	5	0.86	703	4	0.02	15	590	42	3	10	23	0.08	5	112	5	2	93
36256	30	0.9	2.04	15	205	3	0.25	1	22	33	861	4.26	20	1.36	404	11	0.01	38	810	44	10	10	6	0.06	5	89	5	7	138
36257	3	0.4	2.11	10	225	3	0.19	1	40	7	3486	3.76	20	0.74	1193	6	0.02	24	350	38	3	10	3	0.09	5	49	5	8	167
36258	10	0.2	1.48	15	200	3	0.20	1	11	21	552	2.63	20	0.54	246	4	0.02	18	150	32	3	10	26	0.06	5	55	5	5	58
36259	3	0.3	1.52	10	150	3	0.08	1	8	13	64	2.90	20	0.38	204	3	0.02	8	260	46	3	10	27	0.06	5	44	5	1	72
36260	3	0.1	1.69	15	80	10	0.78	1	7	5	27	1.85	20	0.43	413	2	0.01	3	200	40	3	10	86	0.07	5	26	5	5	91
36261	5	0.1	1.78	15	140	5	0.37	1	9	12	26	2.44	10	0.49	536	3	0.01	10	220	40	10	10	51	0.09	5	49	5	4	91
36262	3	0.1	1.81	15	115	5	0.35	1	9	12	21	2.42	20	0.51	345	3	0.01	9	260	44	5	10	38	0.09	5	43	5	3	61
36263	3	0.2	1.97	15	105	15	0.33	1	9	17	21	2.56	10	0.49	268	2	0.01	11	160	44	3	10	33	0.09	5	53	5	2	57
36264	3	0.3	2.04	10	80	3	0.84	1	7	5	17	2.04	20	0.48	416	2	0.01	3	200	42	3	10	86	0.08	5	29	5	4	66
36265	3	0.1	1.84	20	100	10	0.42	1	10	14	25	2.54	10	0.59	359	2	0.01	9	220	40	3	10	49	0.10	5	47	5	3	100
36266	3	0.1	2.20	15	120	15	0.65	1	16	9	18	2.67	10	0.66	389	3	0.02	7	240	48	5	10	79	0.10	5	49	5	3	78
36267	3	0.3	1.32	15	110	3	0.81	1	7	6	44	2.21	30	0.49	348	3	0.02	4	390	44	5	10	52	0.05	5	31	5	13	112
36268	3	0.1	1.61	10	155	15	0.91	1	18	40	43	2.43	5	1.21	332	2	0.03	24	520	34	10	10	100	0.07	5	64	5	4	34
36269	5	0.1	2.14	25	155	20	0.34	1	11	21	23	2.85	5	0.55	289	3	0.02	14	270	50	3	10	52	0.09	5	61	5	2	55
36270	3	0.1	2.09	15	145	20	0.27	1	10	16	29	2.83	5	0.66	331	3	0.01	11	220	48	3	10	44	0.09	5	53	5	1	73
36271	3	0.1	1.87	15	130	20	0.37	1	10	12	23	2.79	5	0.58	555	3	0.02	8	360	52	3	10	48	0.11	5	56	5	2	114
36272	3	0.3	1.68	15	145	20	0.17	1	10	20	15	2.83	5	0.42	279	5	0.01	13	270	44	10	10	33	0.07	5	63	5	2	79
36273	5	0.5	1.36	15	130	15	0.10	1	7	16	75	2.65	10	0.36	154	4	0.02	10	190	36	3	10	31	0.05	5	45	5	3	56
36274	5	0.4	1.64	10	170	3	0.26	1	9	7	396	3.16	20	0.68	389	6	0.02	10	360	46	5	10	27	0.09	5	43	5	8	104
36275	3	0.3	1.70	20	200	3	0.14	1	31	28	861	2.80	20	0.71	705	7	0.01	40	520	46	3	10	13	0.06	5	77	5	6	180
36276	3	0.2	1.44	10	160	3	0.11	1	16	26	292	2.96	30	0.55	222	4	0.01	40	240	38	3	10	2	0.05	5	34	5	9	118
36277	3	0.1	2.00	15	225	20	0.25	1	19	62	42	4.39	20	1.10	296	3	0.02	27	370	48	3	10	32	0.12	5	124	5	13	88
36278	3	0.1	2.60	10	215	40	0.22	1	13	7	51	7.01	5	1.52	334	6	0.11	6	1070	54	3	10	119	0.13	5	181	5	2	89
36279	3	0.2	2.55	5	285	35	0.33	1	15	1	53	5.96	5	1.53	289	5	0.05	3	1060	50	5	10	98	0.17	5	174	5	3	154
36280	3	0.1	2.56	5	185	45	0.32	1	11	13	40	6.52	5	1.44	309	6	0.09	10	1140	50	10	10	110	0.12	5	150	5	1	69
36281	3	0.1	2.40	3	180	30	0.32	1	13	15	91	7.52	5	1.56	236	5	0.07	10	610	42	3	10	120	0.12	5	190	5	1	58
36282	3	0.1	2.06	15	125	15	0.67	1	12	14	33	3.68	5	0.86	333	3	0.07	11	610	44	3	10	85	0.10	5	95	5	3	53
36283	3	0.2	1.86	10	170	20	0.18	1	12	65	55	2.83	5	1.14	146	5	0.03	25	350	40	15	10	68	0.09	5	82	5	2	25
36284	3	0.1	2.07	5	175	25	0.35	1	13	20	57	5.56	5	1.11	220	4	0.07	11	810	40	3	10	104	0.13	5	140	5	1	44
36285	3	0.1	1.90	10	190	20	0.34	1	10	16	45	4.88	5	1.04	215	3	0.06	8	580	42	3	10	99	0.11	5	118	5	3	45
36286	5	0.3	1.99	3	200	25	0.29	1	8	14	36	3.87	5	0.79	181	4	0.04	9	800	40	5	10	54	0.09	5	93	5	2	50
36287	5	0.1	1.65	3	155	20	0.28	1	10	13	30	3.55	5	0.63	207	3	0.04	8	600	38	3	10	50	0.08	5	96	5	2	60
36288	3	0.3	1.67	10	170	10	0.21	1	12	15	27	4.04	5	0.65	237	4	0.03	10	440	36	3	10	32	0.09	5	101	5	3	51
36289	5	0.1	2.25	15	310	25	0.25	1	25	44	39	4.06	10	0.99	703	4	0.02	34	900	48	5	10	2	0.16	5	80	5	4	111
36290	15	0.3	1.65	25	245	3	0.33	1	13	32	207	3.10	20	0.62	331	4	0.02	19	340	44	3	10	35	0.07	5	70	5	7	67
36291	3	0.3	1.68	10	150	25	0.15	1	9	12	52	2.78	5	0.46	267	3	0.02	9	230	42	3	10	50	0.09	5	55	5	2	74
36292	5	0.7	1.23	10	95	10	0.08	1	7	15	46	2.87	10	0.30	110	4	0.02	10	190	34	3	10	28	0.05	5	45	5	2	35

Sample No	Easting	Northing	Description
36293	571612	7048890	40 cm, orange/brown, high slope, c horizon
36294	571635	7048899	35 cm, light brown/orange, high slope, c horizon
36295	571659	7048906	30 cm, orange/brown, high slope, c horizon
36296	571674	7048910	35 cm, light brown/orange, high slope, c horizon
36297	571749	7048737	45 cm, brown, low slope, c + horizon
36298	571724	7048735	25 cm, light bronw, med slope, c+ horizon
36299	571702	7048726	40 cm, light brown, med/high slope, c horizon
36300	571678	7048717	25 cm, orangey brown, rocky! High slope, c+ horizon
36301	571653	7048711	80 cm, dark brown, mucky, med/high slope, c+/b- horizon
36302	571631	7048702	50 cm, mucky, light brown/grey, med/high slope, c+/b- horizon
36303	572748	7046349	20 cm, perma frost below, dark humus layer/mush, some granular reddish sand
36304	572723	7046351	25 cm, permafrost below, dark brown humus, b-horizon
36305	572698	7046349	20 cm, dark brown, permafrost, mushy/icy
36306	572672	7046347	50 cm, permafrost, dark brown, mushy
36307	572647	7046351	80 cm, mushy, layered with pebbles/sands and boggy brown matter
36308	572623	7046354	15 cm, permafrost below, v. dark brown
36309	572598	7046353	no sample, permafrost directly underneath moss layer
36310	572571	7046355	no sample, permafrost directly underneath moss layer, moss 1 ft thick
36311	572545	7046355	no sample on account of permafrost, 15 cm moss
36312	572520	7046356	15 cm, permafrost below, brown/grey, mushy/sand
36313	572493	7046356	35 cm, permafrost thereafter, grey clay like texture, fine particles
36314	572470	7046354	30 cm, permafrost below, brownish-grey, granular/sandy
36315	572449	7046349	no sample, permafrost below 15cm moss cover
36316	572033	7047195	40 cm, permafrost below, light/med brown/tan, mushy/sandy, c horizon
36317	572047	7047196	45 cm, light/dark tan colours, clay like consistency, c+ horizon
36318	572071	7047206	25 cm, orange/tan, clay-like texture, permafrost below, consolidated/mush
36319	572094	7047215	25 cm, perma thereafter, light orage brown, mushy with melt, otherwise sandy
36320	572118	7047224	55 cm, permafrost after, tan/caramel colour, mucky with melt
36321	572140	7047233	80 cm, permafrost after, interesting tan/sparkle layer with orange hue, rest was more tan light/brown without sparkles, granular
36322	572165	7047239	20 cm, hit permafrost, brown muck at top, green/grey/blue granular layer below
36323	572188	7047250	65 cm, permafrost hit, med brown/tan, nearer permafrost colouration again became greenish/grey with pebbles/sandy
36324	572211	7047259	35 cm, med/chocolate brown, granular/sand, permafrost hit
36325	572236	7047263	45 cm, light brown layer, deepest layer was sandy/granular, light caramel colour
36326	572259	7047272	15 cm, hit permafrost, grey soil material under humus, a+ horizon
36327	572282	7047284	no sample, permafrost at surface, 15 cm moss
36328	572313	7047288	10 cm, dark brown, mucky/wet, permafrost almost at surface
36329	572332	7047298	10 cm, immediate perma layer, dark rich chocolate colour
36330	572043	7048060	10 cm, permafrost, dark brown
36331	572021	7048047	45 cm, boggy, wet, dark rich humus layer with permafrost underneath soggy
36332	571998	7048034	50 cm, wet/boggy, brown/grey matter past 20 cm, with shiny particles
36333	571976	7048021	15 cm, permafrost hit, mucky/consolidated, granular/light tan near permafrost
36334	571956	7048004	20 cm, permafrost hit, yellow-brown layer, sandy under brown(dark) layer

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36293	3	0.1	1.54	15	120	3	0.36	1	12	7	34	2.56	20	0.40	363	4	0.02	7	240	36	10	10	46	0.07	5	34	5	4	78
36294	3	0.2	1.76	15	125	20	0.32	1	10	11	26	2.49	20	0.50	356	2	0.02	8	190	42	5	10	45	0.09	5	41	5	4	75
36295	3	0.1	1.74	10	90	10	0.35	1	8	5	22	2.22	10	0.47	339	2	0.02	5	220	40	3	10	41	0.10	5	34	5	3	91
36296	3	0.1	1.83	15	120	15	0.25	1	9	16	14	2.55	10	0.52	252	2	0.02	11	180	42	3	10	35	0.09	5	53	5	2	54
36297	3	0.3	1.36	10	125	10	0.25	1	9	10	26	2.26	20	0.48	348	2	0.02	7	350	40	3	10	25	0.08	5	41	5	8	100
36298	3	0.2	1.23	10	125	15	0.29	1	9	10	32	2.39	20	0.48	313	3	0.02	7	380	34	3	10	33	0.08	5	45	5	8	69
36299	5	0.2	1.15	3	175	20	0.25	1	11	17	63	3.11	20	0.55	251	5	0.03	13	450	30	3	10	39	0.08	5	61	5	5	65
36300	3	0.6	1.43	5	150	3	0.12	1	7	5	194	3.62	30	0.56	238	7	0.04	5	410	36	3	10	33	0.06	5	35	5	3	77
36301	5	0.5	1.48	3	250	15	0.49	1	19	19	100	3.29	10	0.76	457	7	0.04	12	580	36	3	10	50	0.08	5	82	5	7	72
36302	3	0.4	1.77	15	515	20	0.46	1	18	31	56	3.53	30	1.22	554	6	0.02	41	970	56	5	10	44	0.11	5	69	5	12	156
36303	3	0.1	0.95	5	140	3	0.52	1	9	15	14	2.17	5	0.46	305	2	0.02	10	610	24	3	10	49	0.06	5	53	5	5	44
36304	3	0.1	1.55	10	245	15	0.58	1	15	24	24	2.52	20	0.54	765	3	0.02	17	640	38	3	10	52	0.07	5	58	5	8	60
36305	3	0.2	1.05	3	365	3	1.31	1	31	19	25	2.33	20	0.42	3658	3	0.03	16	800	20	3	10	83	0.07	5	49	5	12	52
36306	3	0.1	1.04	15	180	5	0.60	1	11	17	17	2.09	10	0.46	461	2	0.02	12	630	26	3	10	51	0.06	5	47	5	6	47
36307	3	0.1	1.22	5	210	15	0.74	1	11	20	22	2.22	10	0.54	418	3	0.03	14	710	32	3	10	61	0.07	5	53	5	8	57
36308	3	0.3	0.96	3	190	15	0.75	1	10	16	18	1.94	5	0.43	397	3	0.03	12	600	24	3	10	60	0.05	5	43	5	6	49
36309																													
36310																													
36311																													
36312	10	0.2	0.07	3	35	3	0.14	1	1	2	3	0.17	5	0.04	37	1	<0.01	1	70	4	3	10	20	<0.01	5	4	5	2	4
36313	3	0.1	1.17	10	260	10	1.07	1	11	20	32	2.43	10	0.54	327	2	0.03	19	790	30	3	10	70	0.07	5	60	5	10	49
36314	3	0.1	1.12	3	220	15	0.84	1	11	19	27	2.46	5	0.51	358	3	0.03	17	750	28	3	10	53	0.07	5	61	5	7	44
36315																													
36316	3	0.1	1.55	3	200	25	0.46	1	13	20	26	3.21	10	0.67	433	3	0.02	13	470	36	3	10	61	0.09	5	63	5	13	66
36317	3	0.1	1.98	10	250	25	0.47	1	13	18	30	4.62	10	1.02	415	4	0.05	11	640	42	3	10	59	0.12	5	112	5	9	76
36318	3	0.1	1.67	15	200	25	0.39	1	11	22	21	3.21	10	0.64	389	4	0.02	13	510	40	10	10	45	0.09	5	66	5	8	81
36319	3	0.1	1.67	10	175	20	0.30	1	12	15	21	3.89	5	0.72	349	4	0.03	8	460	40	5	10	51	0.09	5	86	5	5	80
36320	3	0.1	1.69	15	210	25	0.35	1	12	18	22	3.71	5	0.79	365	3	0.03	10	510	40	3	10	67	0.10	5	89	5	5	71
36321	3	0.1	1.97	20	285	25	0.35	1	17	50	43	4.02	5	1.00	589	28	0.02	12	520	48	3	10	131	0.08	5	82	5	6	123
36322	3	0.1	1.91	10	210	25	0.42	1	22	41	19	4.25	10	1.68	927	6	0.02	30	770	44	10	10	51	0.07	5	105	5	7	140
36323	5	0.2	1.66	15	205	25	0.34	1	14	29	23	3.61	5	0.86	376	5	0.02	16	610	44	3	10	60	0.08	5	91	5	7	81
36324	5	0.2	1.61	15	270	25	0.41	1	13	23	25	3.59	10	0.80	402	3	0.03	13	530	40	3	10	56	0.09	5	87	5	8	77
36325	10	0.2	1.74	3	520	3	0.46	1	8	37	217	3.16	10	1.13	373	6	0.02	23	840	52	10	10	44	0.09	5	108	5	5	138
36326	10	1.1	1.26	5	275	15	0.35	1	8	30	61	2.74	10	0.72	183	5	0.02	19	690	36	5	10	42	0.07	5	87	5	3	87
36327																													
36328	3	0.1	1.42	5	195	15	0.77	1	8	19	24	2.19	5	0.58	340	2	0.03	12	670	34	5	10	59	0.07	5	52	5	7	75
36329	3	0.1	1.52	10	235	10	0.67	1	17	24	28	2.85	10	0.62	514	4	0.03	17	650	36	10	10	50	0.08	5	65	5	7	64
36330	3	0.1	1.54	10	225	15	0.68	1	17	16	41	3.10	10	0.68	564	3	0.03	11	740	36	3	10	54	0.10	5	70	5	8	62
36331	5	0.1	1.38	3	225	5	0.85	1	12	18	93	3.08	20	0.58	264	3	0.03	12	790	32	3	10	62	0.07	5	61	5	10	63
36332	25	0.7	1.73	15	285	3	0.50	1	11	25	191	3.21	10	0.84	240	7	0.03	18	650	44	5	10	47	0.10	5	75	5	7	70
36333	55	1.0	2.25	10	325	3	0.74	1	15	43	581	3.99	20	1.45	394	32	0.03	30	870	54	10	10	53	0.16	5	103	5	6	137
36334	5	0.7	1.82	10	295	3	1.18	1	13	51	317	3.00	20	0.79	329	5	0.03	34	540	42	10	10	76	0.11	5	80	5	30	85

Sample No	Easting	Northing	Description
36335	571936	7048006	35 cm, sandy with pebbles at bottom of hole, light brown/yellow
36336	571895	7047999	40 cm, orange-brown, turning to yellowish then white progressively, sandy
36337	571869	7047997	50 cm, tan-yellow, sandy
36338	671844	7047991	55 cm, light brown/tan, granular/small clumps
36339	571818	7047990	25 cm, very rocky bottom, yellow/tan sandy/rocky
36340	571793	7047986	35 cm, dark brown layer followed by a more reddish brown layer, sandy
36341	571768	7047979	15 cm, permafrost, dark brown, dirt
36342	571753	7047973	no sample, permafrost under moss, bog
36343	571868	7048458	45 cm, light grey/brown, sandy, deeper some orange with sparkles, grove of poplar trees
36344	571843	7048459	20 cm, yellowish/tan (light), sandy, very rocky at end of hole, pebbles, grove of poplars
36345	571820	7048443	20 cm, yellow/tan, (light), sandy/rocky at bottom of hole, poplar grove
36346	571795	7048434	25 cm, tan/light brown, sandy/rocky, poplar grove
36347	571773	7048421	25 cm, orangy/copper brown at base with grey ash colour overtop, sandy and rocky at base, poplar grove
36348	571747	7048416	35 cm, grey/brown layer followed by a tan/yellow layer and then a whitish colouration, sandy, grove of poplars
36349	571720	7048418	35 cm, light/med brown, camel colour, sandy
36350	571697	7048408	35 cm, yellowish/tan throughout, sandy, poplar grove continues
36351	571075	7049488	18", tan coloured, sandy
36352	571095	7049494	10", tan coloured, sandy, coarse
36353	571121	7049504	26" light brown, sandy/coarse
36354	571145	7049510	15", brown, sandy, shiny
36355	571167	7049518	19", light brown, sandy
36356	571191	7049529	15", brown, gravelly with sandy, in area with outcrop/rocks/boulders
36357	571215	7049541	
36358	571242	7049549	14", light brown
36359	571267	7049557	18", light brown, gravelly/coarse
36360	571292	7049571	18", light brown, gravelly
36361	571318	7049578	14", light brown/tan colour, sandy/coarse, grey chalky colour abover c horizon (ash?)
36362	571341	7049588	16", light brown, coarse
36363	571375	7049600	16", greyish-white (ash?) layer above c horizon, approx. 8", tan sandy coloured sample
36364	571417	7049499	15", light brown/tan, coarse sand light grey layer above c horizon
36365	571394	7049491	16", light grey level abover c horizon, light brown/tanned sample, sandy with pebbles
36366	571370	7049481	13" depth, tanned, sandy with coarse
36367	571344	7049473	17", light brown/tan, fine grained
36368	571321	7049465	9", light brown, sandy
36369	571296	7049457	10", light brown, fine grained
36370	571270	7049447	8", light brown, sandy, wit some larger pebbles approx. 10 cm in diameter, outcrop nearby
36371	571244	7049439	8", light brown, sandy soil
36372	571219	7049431	c @ 4", below surface, sample @ 10", light brown, sandy grain
36373	571193	7049423	c @ 3", sample @ 8", light brown, sandy/fine grained
36374	571167	7049413	10", light brown, fine grained
36375	571139	7049405	12", light brown/tan, fine grained
36376	571112	7049394	13", tan colour, sandy/fine grained

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36335	3	0.1	1.56	20	225	20	0.67	1	19	26	36	2.99	10	0.65	477	4	0.03	23	580	40	10	10	55	0.09	5	73	5	8	65
36336	5	0.1	1.84	25	170	20	0.67	1	15	18	29	2.01	10	0.85	306	2	0.02	16	290	46	3	10	67	0.10	5	82	5	13	55
36337	5	0.1	2.04	10	190	30	0.69	1	13	7	39	5.34	5	1.14	408	4	0.05	10	680	46	3	10	71	0.13	5	106	5	7	107
36338	5	0.1	2.15	15	150	20	0.55	1	17	15	41	4.94	5	1.16	403	5	0.04	15	570	46	3	10	62	0.10	5	100	5	6	85
36339	10	0.2	1.97	10	265	15	0.71	1	27	15	37	4.29	5	1.15	1078	7	0.03	14	600	48	3	10	60	0.11	5	119	5	7	63
36340	3	0.1	2.06	10	220	30	0.71	1	23	17	26	3.39	5	0.76	671	4	0.02	14	320	46	10	10	65	0.16	5	65	5	8	84
36341	3	0.7	0.17	5	140	3	3.68	1	2	3	17	0.28	5	0.39	616	6	0.05	3	570	20	5	10	192	0.01	5	8	5	4	33
36342																													
36343	10	0.7	1.56	15	300	3	0.32	1	10	31	337	3.06	20	0.73	235	8	0.02	24	560	48	10	10	40	0.10	5	80	5	8	101
36344	3	0.2	1.49	20	190	15	0.46	1	9	18	126	2.55	20	0.52	714	6	0.02	11	560	44	3	10	57	0.10	5	49	5	8	93
36345	3	0.3	1.05	3	275	5	0.17	1	8	15	134	2.73	20	0.38	1279	7	0.02	12	920	32	3	10	27	0.09	5	50	5	6	115
36346	15	1.1	1.46	10	355	5	0.21	1	12	39	323	3.48	20	0.81	289	10	0.02	34	950	48	3	10	35	0.09	5	108	5	5	112
36347	3	0.6	1.67	15	320	10	0.18	1	10	32	55	2.92	20	0.76	208	4	0.02	21	530	46	3	10	15	0.13	5	75	5	3	92
36348	3	0.3	1.71	10	450	25	0.31	1	10	32	39	3.18	20	0.86	253	4	0.02	20	690	50	3	10	40	0.11	5	86	5	6	101
36349	3	0.1	1.87	10	185	20	0.29	1	12	23	35	3.30	5	0.63	204	3	0.02	13	420	46	3	10	35	0.09	5	86	5	3	60
36350	3	0.1	1.48	15	190	30	0.35	1	15	19	27	3.11	5	0.64	276	4	0.03	13	480	38	3	10	47	0.09	5	82	5	6	52
36351	3	0.1	1.45	10	200	20	0.29	1	10	11	32	2.62	5	0.71	185	4	0.03	7	500	40	5	10	36	0.10	5	84	5	6	68
36352	3	0.1	1.77	15	200	25	0.28	1	16	61	23	3.68	5	0.79	338	4	0.03	12	510	50	3	10	41	0.15	5	108	5	2	92
36353	3	0.1	1.36	15	165	15	0.50	1	14	14	23	3.33	5	0.56	379	4	0.04	7	720	50	3	10	40	0.10	5	91	5	4	85
36354	3	0.1	2.00	20	455	30	0.42	1	16	83	20	3.40	5	1.14	316	5	0.03	20	610	48	10	10	67	0.17	5	90	5	6	82
36355	3	0.3	1.33	10	225	15	0.17	1	9	30	48	2.68	20	0.84	339	8	0.02	33	530	50	3	10	30	0.09	5	82	5	4	138
36356	140	1.8	2.26	20	250	3	0.17	1	18	32	1666	4.93	20	1.47	581	12	0.02	41	920	66	3	10	29	0.09	5	114	5	4	236
36357	25	0.7	1.74	20	165	3	0.18	1	13	14	933	2.89	30	0.56	462	16	0.02	13	360	50	3	10	20	0.06	5	59	5	9	167
36358	3	0.1	1.47	10	100	3	0.35	1	9	9	893	2.63	20	0.57	578	3	0.02	12	510	38	3	10	33	0.08	5	45	5	8	137
36359	10	0.2	1.75	10	170	15	0.12	1	10	7	64	3.77	20	0.82	444	4	0.03	5	390	46	3	10	50	0.12	5	65	5	1	93
36360	3	0.1	1.04	10	140	5	0.09	1	4	10	22	2.08	20	0.20	129	4	0.01	5	230	32	5	10	32	0.05	5	46	5	2	35
36361	3	0.1	1.53	15	155	15	0.23	1	8	17	57	3.30	20	0.39	315	6	0.04	10	750	54	3	10	50	0.07	5	63	5	2	75
36362	3	0.1	1.80	15	135	20	0.16	1	10	19	21	3.46	20	0.42	270	4	0.02	12	470	52	3	10	17	0.07	5	69	5	9	74
36363	3	0.1	1.52	10	90	10	0.13	1	7	8	18	2.43	20	0.70	341	3	0.02	6	450	36	10	10	12	0.10	5	45	5	2	61
36364	3	0.1	1.82	20	125	10	0.43	1	8	15	11	2.37	10	0.39	336	3	0.01	9	340	44	3	10	46	0.08	5	48	5	3	40
36365	3	0.1	1.48	5	90	20	0.18	1	13	8	25	3.25	5	0.66	569	3	0.01	5	660	36	3	10	29	0.13	5	79	5	1	105
36366	3	0.1	1.31	10	140	10	0.15	1	7	8	26	2.69	30	0.40	236	5	0.04	5	420	48	3	10	59	0.08	5	35	5	1	106
36367	3	0.2	0.75	5	125	15	0.10	1	4	5	31	1.87	20	0.24	167	5	0.02	2	520	28	3	10	34	0.08	5	40	5	1	55
36368	10	0.1	1.48	15	135	20	0.17	1	9	16	38	2.72	10	0.52	282	4	0.02	12	380	40	5	10	36	0.07	5	47	5	3	63
36369	3	0.3	1.43	15	100	3	0.09	1	8	11	199	2.32	20	0.41	360	4	0.02	8	460	38	3	10	26	0.08	5	45	5	4	72
36370	10	0.9	1.83	15	130	3	0.11	1	10	18	205	3.38	10	0.38	218	11	0.02	12	380	46	3	10	9	0.06	5	75	5	1	107
36371	140	1.2	2.51	20	225	3	0.21	1	39	71	2944	4.07	10	1.94	781	5	0.02	58	280	64	10	10	22	0.10	5	127	5	4	291
36372	10	0.5	2.06	20	390	10	0.18	1	12	36	115	3.46	20	0.72	361	6	0.02	34	410	56	3	10	26	0.08	5	84	5	15	86
36373	5	0.1	1.37	20	120	25	0.08	1	13	26	73	3.33	20	0.66	267	10	0.01	36	420	46	5	10	3	0.04	5	56	5	3	214
36374	3	0.1	1.63	15	335	25	0.26	1	17	43	31	3.43	5	0.77	358	6	0.03	19	590	44	3	10	43	0.12	5	94	5	4	92
36375	3	0.1	1.71	15	220	15	0.22	1	12	32	27	2.97	5	0.55	286	3	0.02	14	400	66	3	10	31	0.08	5	71	5	4	97
36376	3	0.1	2.20	5	215	45	0.28	1	10	6	30	6.06	10	1.08	460	5	0.15	5	1160	50	3	10	102	0.12	5	129	5	2	77

Sample No	Easting	Northing	Description
36377	571451	7048638	8", tan/light brown, fine grained, sandy
36378	571476	7048644	14", brown, grainy
36379	571500	7048656	35", brown with green specks
36380	571525	7048662	
36381	571552	7048672	22", brown with green and shiny bits
36382	571576	7048680	30", brown, shiny flecks, sand/grainy
36383	571602	7048688	35", greyish-greenish brown
36384	572203	7046786	20", med slope, grey brown, sandy, b-/c+ horizon
36385	572229	7046796	17", steep, browny-green, shiny flecks, sandy/fine grained, some rocks, c horizon
36386	572256	7046806	25", brownish green, sandy with pebbles, shiny flecks, c horizon
36387	572281	7046816	20", b-/c+, premafrost, brown, fine grained
36388	572308	7046825	26", permafrost, brown with shiny flecks and gravelly, c horizon
36389	572334	7046835	20", permafrost, sandy, light brown, shiny flecks, c horizon
36390	572361	7046845	20", coarse sand with pebbles, brown with shiny flecks, rockier ground
36391	572388	7046855	19", light brown, greenish pebbles, shiny flecks, c horizon
36392	572413	7046861	16", coarse sandy, light brown, shiny flecks
36393	572439	7046873	13", orangey brown, coarse/sandy, flat
36394	572463	7046883	20", brown, sandy/silty, ice
36395	572485	7046891	18", dark brown, silty, permafrost, shiny flecks
36396	57242	7047006	18", permafrost, silty, light brown with greenish parts, b-/c+ horizon
36397	572404	7046999	10", permafrost, b horizon, dark brown with some light brown, poor sample
36398	572379	7046991	14", orangey-brown, sandy
36399	572353	7046981	20", brown/orangey, sandy, with qtz (?) pebbles
36400	572328	7046973	25" depth, brown with orangey brown mix, v. fine/silty
36401	572298	7046963	14" light brown, v. fine/silty
36402	572272	7046955	16" brown, orangy brown, silty/sandy, steep slope
36403	572245	7046943	35" depth, redy orange and brown, sine/silty, steep slope
36404	572216	7046937	28" depth, light brown/orangish, shiny specs/flakes
36405	572077	7047110	22" depth, perm frost, brown with greenish stuff, some rock but mostly silty
36406	572104	7047107	18" depth brown with orangy brown, gravelly with sandy
36407	572130	7047107	19" depth leight brown, coarse soil with sandy
36408	572159	7047108	23" depth, brown with orange tinge, coarse with silty
36409	572191	7047107	19" depth, light brown, coarse sandy
36410	572218	7047109	23" depth, orangy brown, grainy/sandy
36411	572243	7047119	19" depth, brownish with orange, silty with some gravel
36412	572264	7047137	14" depth brown/light brown, sandy
36413	572287	7047156	16" brown with orang and greenish layers, sandy, coarse
36414	572315	7047177	15" brown grainy sand
36415	572337	7047196	18" perma frost, b/c darker brown, silty flat (valley bottom)
36416	572355	7047209	12" layer with brown, then orangy, then distinct grey green, all coarse sandy
36417	572004	7048154	24" Poor sample b/c perma grost, dark brown, silty
36418	571979	7048148	19" stepped out, greyish brown, sandy

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36377	3	0.1	2.13	15	190	30	0.24	1	18	11	29	4.30	10	1.43	255	5	0.03	9	420	44	10	10	63	0.15	5	130	5	2	40
36378	3	0.1	1.67	10	175	25	0.31	1	10	34	28	3.20	5	0.73	160	4	0.04	16	380	40	5	10	56	0.10	5	87	5	3	34
36379	3	0.1	1.78	5	195	25	0.38	1	12	16	49	4.68	5	0.77	237	3	0.06	9	1050	42	3	10	63	0.11	5	98	5	4	79
36380	3	0.1	1.73	3	160	30	0.35	1	14	5	50	5.09	5	0.63	201	6	0.05	6	1140	40	10	10	46	0.14	5	125	5	2	89
36381	3	0.1	1.97	3	180	20	0.29	1	11	8	42	4.88	5	0.99	246	6	0.05	7	820	44	5	10	51	0.12	5	134	5	2	78
36382	3	0.2	2.21	3	290	40	0.30	1	17	6	49	5.31	5	1.05	334	5	0.05	7	840	48	3	10	51	0.13	5	132	5	7	118
36383	3	0.1	1.71	3	200	25	0.58	1	17	2	36	4.73	10	0.79	346	4	0.07	7	1470	38	10	10	33	0.13	5	131	5	8	92
36384	3	0.1	1.83	10	215	15	0.57	1	15	17	25	3.96	5	0.76	435	4	0.03	12	830	40	3	10	52	0.09	5	90	5	5	79
36385	3	0.1	1.60	15	180	15	0.59	1	13	17	21	3.22	5	0.62	363	4	0.02	11	600	38	3	10	51	0.08	5	75	5	6	75
36386	3	0.1	1.85	10	245	20	0.78	1	19	16	34	3.40	10	0.68	1062	4	0.03	12	670	42	5	10	61	0.08	5	86	5	15	67
36387	3	0.2	1.60	15	225	15	0.98	1	11	16	30	2.98	10	0.62	363	3	0.03	10	580	38	3	10	63	0.08	5	78	5	11	74
36388	3	0.1	1.66	10	280	10	0.47	1	26	34	16	3.46	10	0.99	1526	4	0.02	35	890	38	3	10	30	0.08	5	96	5	4	112
36389	3	0.1	1.72	15	330	25	0.52	1	12	24	26	3.35	10	0.79	300	4	0.02	19	740	42	3	10	42	0.09	5	94	5	6	90
36390	3	0.1	2.10	10	260	3	0.27	1	17	27	444	3.81	20	1.27	359	6	0.01	37	920	52	5	10	17	0.12	5	98	5	4	143
36391	40	1.2	2.15	15	225	3	0.27	1	17	27	947	4.30	20	1.12	300	10	0.03	34	660	62	15	10	34	0.13	5	105	5	3	133
36392	10	0.3	1.61	10	180	3	0.21	1	8	5	357	3.65	20	0.73	382	14	0.03	9	490	66	10	10	49	0.07	5	46	5	2	150
36393	90	0.6	1.44	5	115	3	0.19	1	9	19	359	3.04	20	0.58	216	6	0.02	16	590	46	3	10	25	0.06	5	65	5	2	97
36394	5	0.2	1.13	5	175	10	0.46	1	9	20	95	2.21	10	0.53	229	4	0.03	16	730	32	3	10	40	0.07	5	48	5	6	62
36395	3	0.2	1.58	10	295	15	0.80	1	20	25	65	3.19	10	0.66	2623	5	0.03	19	850	36	3	10	67	0.10	5	66	5	9	84
36396	3	0.1	1.36	15	155	20	0.42	1	9	26	30	2.65	10	0.62	316	5	0.02	16	710	38	3	10	39	0.07	5	67	5	4	90
36397	3	0.9	0.52	3	285	10	1.19	1	5	7	57	1.51	10	0.11	137	3	0.05	11	1000	22	3	10	73	0.02	5	7	5	9	36
36398	5	0.3	1.71	20	195	3	0.31	1	8	27	231	2.77	5	0.86	189	15	0.02	13	550	44	5	10	47	0.10	5	66	5	1	111
36399	3	0.1	1.63	15	235	25	0.40	1	13	39	40	3.07	10	0.76	259	4	0.02	32	620	52	3	10	31	0.09	5	66	5	3	126
36400	3	0.1	1.72	20	275	15	0.23	1	11	32	26	2.92	20	0.58	211	4	0.02	22	210	48	3	10	29	0.08	5	69	5	3	76
36401	10	0.1	1.55	15	205	15	0.28	1	11	32	22	2.78	20	0.53	185	3	0.02	27	330	38	3	10	26	0.09	5	68	5	4	44
36402	3	0.1	1.82	15	240	10	0.53	1	20	43	35	3.69	20	1.02	316	5	0.02	23	520	44	5	10	41	0.11	5	107	5	6	78
36403	3	0.1	1.58	15	240	10	0.47	1	15	30	24	3.09	10	0.56	431	3	0.03	21	400	38	3	10	42	0.09	5	71	5	7	49
36404	15	0.1	1.71	15	185	25	0.42	1	13	22	23	3.24	5	0.67	218	3	0.02	14	620	38	3	10	41	0.09	5	77	5	4	52
36405	5	0.1	1.61	10	185	20	0.36	1	11	18	18	3.11	5	0.56	376	4	0.02	12	290	36	3	10	36	0.10	5	69	5	6	66
36406	3	0.1	1.67	5	175	20	0.32	1	11	17	18	3.59	5	0.62	386	3	0.02	10	340	38	3	10	66	0.11	5	59	5	6	74
36407	3	0.1	1.43	3	175	25	0.20	1	14	8	16	4.52	5	0.64	692	5	0.02	6	560	32	3	10	35	0.11	5	85	5	4	86
36408	3	0.1	1.74	20	200	20	0.29	1	11	21	21	3.24	10	0.60	284	3	0.02	13	400	40	3	10	32	0.09	5	71	5	4	60
36409	3	0.1	2.30	15	290	30	0.69	1	19	32	20	4.68	5	1.24	421	4	0.03	8	980	48	3	10	76	0.14	5	124	5	5	84
36410	3	0.1	2.01	15	325	45	0.46	1	16	14	28	5.32	5	0.82	363	5	0.03	9	840	52	3	10	79	0.16	5	142	5	6	104
36411	3	0.1	1.79	10	240	15	0.49	1	15	25	27	3.64	10	0.73	487	4	0.02	12	580	44	5	10	55	0.10	5	90	5	6	71
36412	3	0.1	1.38	10	225	20	0.44	1	11	17	21	3.03	5	0.56	393	3	0.02	10	470	34	5	10	44	0.08	5	74	5	6	58
36413	3	0.5	1.50	10	240	15	0.45	1	10	18	36	3.13	5	0.62	334	4	0.02	12	470	36	3	10	46	0.09	5	76	5	5	63
36414	5	0.2	1.45	10	210	10	0.46	1	13	25	104	2.97	5	0.72	351	4	0.02	15	530	36	3	10	48	0.09	5	73	5	5	74
36415	3	0.3	1.61	15	235	3	0.71	1	13	27	160	3.21	10	0.79	464	8	0.02	18	750	40	10	10	63	0.08	5	81	5	7	95
36416	3	0.1	1.48	10	365	10	0.63	1	13	31	33	3.12	5	0.97	319	4	0.02	21	1170	40	10	10	56	0.08	5	92	5	7	102
36417	10	0.7	1.44	5	240	3	0.86	1	10	21	214	2.12	20	0.55	318	4	0.02	17	570	34	3	10	68	0.07	5	42	5	15	66
36418	10	0.3	1.38	10	200	5	0.47	1	11	21	140	2.54	20	0.57	386	5	0.02	15	570	34	3	10	50	0.09	5	57	5	6	70

Sample No	Easting	Northing	Description
36419	571952	7048138	14" orange with shiny bits, rocky/gravelly
36420	571927	7048128	30" light brown, sandy
36421	571901	7048118	25" grey-brown, sandy
36422	571874	7048110	28" brown with slight grey, sandy
36423	571848	7048102	20" grey brown, fine silty/sandy
36424	571819	7048091	22" greyish brownish, silty/sandy
36425	571788	7048081	20" orangy brown, sandy
36426	571759	7048071	23" orangy brown, sandy/silty
36427	571736	7048065	17" orangy brown, gravelly sandy
36428	571713	7048053	
36429	571675	7048390	25 cm, light tan, transitioning to a whitish tan, sandy, rocky at bottom
36430	571650	7048383	20 cm, med tan, light brown throughout, sandy with increasing rock quantity
36431	571625	7048376	25 cm, ash colour layer ontop with yelow/tan soil beneath, sandy, rocky below
36432	571603	7048361	15 cm, rocky undersurface, sandy soil with rock, orange/tan colour
36433	571578	7048353	25 cm, camel/orange hue, sandy, gitty with v. small pebbles
36436	572608	7046625	30 cm, light brown, med slope, FROZEN, c+/b- horizon
36437	572586	7046615	65 cm, light brown/orange, med/high slope, c horizon, slightly frozen
36438	572563	7046602	45 cm, dark brown, slightly frozen, high slope, c+ horizon
36439	572540	7046595	70 cm, light brown, partially frozen, c horizon, med/high slope
36440	572515	7046587	40 cm, dark brown, murky, frozen, med/high slope, c+/b- horizon
36441	572492	7046579	55 cm, dark brown/green, med slope, c horizon
36442	572468	7046571	45 cm, dark brown, murky, frozen, med slope, c+/b- horizon
36443	572443	7046563	45 cm, dark brown, med slope, c+ horizon
36444	572420	7046555	40 cm, dark brown, mucky, frozen, med/low slope b- horizon
36445	572397	7046547	35 cm, dark brown, mucky frozen, low/med slope, b- horizon
36446	572373	7046540	50 cm, dark brown/grey, frozen, murky, low/med slope, c+ horizon
36447	572349	7046531	50 cm, dark brown/grey, a bit muck, med/low slope, c+ horizon
36448	572325	7046522	40 cm, dark brown, mucky, med slope, b- horizon
36449	572145	7046913	60 cm, light brown/tan, high slope, c horizon
36450	572167	7046920	55 cm, light brown/orange, high slope, c horizon
400251	572189	7046928	65 cm, light brown, steep slope, C horizon
400252	572104	7047009	40 cm, light brown, med. Slope, C+ horizon
400253	572123	7047021	40 cm dark brown, mucky, med. Slope, C+ horizon
400254	572147	7047029	40 cm, brown, med. Slope, C horizon
400255	572172	7047036	30 cm, light brown, med. Slope c horizon
400256	572197	7047043	40 cm, brown, mucky, med. Slope c+ /b- horizon
400257	572220	7047051	45 cm, light brown, med. Slope, c horizon
400258	572242	7047060	45 cm, brown, high slope, c horizon
400259	572267	7047067	40 cm, mucky, dark brown + light brown, med. Slope, c+ horizon
400260	572290	7047075	35 cm, brown/green/grey, med/high slope, c horizon
400261	572315	7047083	45 cm, dark brown, mucy, med. Slope, c+/b- horizon
400262	572339	7047090	30 cm, dark brown, mucky, med/low slope, c+/b- horizon

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36419	10	0.3	1.45	15	165	3	0.45	1	10	11	160	2.75	30	0.51	254	6	0.02	12	440	40	3	10	62	0.09	5	40	5	6	83
36420	10	0.2	1.82	15	260	3	0.30	1	20	22	223	3.36	20	0.71	341	6	0.02	19	380	44	3	10	29	0.12	5	73	5	4	76
36421	3	0.3	1.61	10	315	15	0.50	1	23	26	68	3.00	10	0.81	487	4	0.02	17	600	42	3	10	42	0.12	5	77	5	9	93
36422	3	0.2	1.48	15	190	15	0.44	1	10	16	23	2.72	5	0.69	262	3	0.03	11	360	36	3	10	50	0.09	5	79	5	7	48
36423	3	0.2	1.49	15	240	25	0.51	1	11	21	26	2.83	10	0.61	287	2	0.03	15	580	38	3	10	57	0.08	5	67	5	8	53
36424	3	0.1	1.39	15	240	20	0.48	1	10	23	22	2.66	10	0.56	223	2	0.03	16	580	36	3	10	47	0.09	5	60	5	7	47
36425	3	0.1	2.11	25	225	30	0.60	1	37	14	25	2.67	5	0.58	583	2	0.02	12	650	50	3	10	60	0.14	5	60	5	10	77
36426	3	0.1	1.61	25	225	25	0.43	1	28	24	21	3.06	10	0.51	578	3	0.02	18	760	40	5	10	34	0.11	5	61	5	9	61
36427	3	0.1	2.97	10	210	40	0.66	1	23	25	30	5.21	5	0.99	785	5	0.02	23	530	62	3	10	63	0.28	5	99	5	7	545
36428	3	0.1	2.64	15	220	35	0.59	1	14	12	20	4.26	5	0.66	581	3	0.02	11	430	58	3	10	70	0.19	5	68	5	7	135
36429	3	0.2	1.40	15	180	15	0.33	1	14	17	23	2.85	5	0.60	242	2	0.03	11	430	34	3	10	49	0.10	5	69	5	6	47
36430	3	0.1	1.62	15	195	35	0.28	1	16	16	26	3.47	5	0.68	271	4	0.03	11	380	42	3	10	55	0.12	5	84	5	6	48
36431	3	0.1	1.68	15	245	20	0.41	1	14	17	26	3.21	10	0.75	337	2	0.02	11	480	38	3	10	53	0.14	5	74	5	8	55
36432	3	0.2	1.80	25	265	15	0.37	1	12	13	21	3.21	10	0.69	408	3	0.02	10	380	38	3	10	44	0.17	5	64	5	9	62
36433	3	0.1	1.95	20	345	35	0.37	1	11	15	18	3.19	20	0.69	371	1	0.02	11	270	42	3	10	45	0.18	5	60	5	6	66
36436	5	0.1	1.58	15	175	10	0.37	1	13	14	78	3.43	20	0.78	598	6	0.02	8	470	40	3	10	56	0.11	5	78	5	6	128
36437	5	0.2	1.74	15	225	20	0.42	1	14	5	79	3.73	20	0.81	662	6	0.02	6	330	66	3	10	81	0.12	5	76	5	9	101
36438	85	0.1	2.16	20	240	35	0.75	1	16	14	33	4.76	5	0.77	951	4	0.03	11	1130	42	3	10	69	0.13	5	113	5	9	242
36439	3	0.1	2.45	20	260	30	1.16	1	19	11	30	5.47	10	0.86	1347	8	0.02	9	1890	44	3	10	81	0.11	5	110	5	19	422
36440	5	0.1	2.18	25	245	25	0.80	1	19	24	35	3.92	5	0.84	495	3	0.03	16	700	48	3	10	63	0.13	5	117	5	7	116
36441	3	0.1	1.79	15	205	20	0.92	1	16	20	34	3.35	5	0.61	378	2	0.04	13	1400	38	3	10	66	0.11	5	91	5	6	53
36442	3	0.1	1.26	15	185	20	0.51	1	11	21	22	2.52	10	0.50	259	2	0.03	15	710	30	3	10	41	0.08	5	60	5	5	42
36443	3	0.1	1.48	20	230	5	0.62	1	13	23	29	2.79	10	0.55	455	2	0.03	17	680	34	3	10	45	0.09	5	68	5	7	48
36444	3	0.1	1.38	15	210	5	0.57	1	11	22	22	2.77	10	0.55	302	2	0.03	14	730	32	3	10	38	0.09	5	66	5	5	52
36445	3	0.1	1.44	20	275	15	0.74	1	14	22	30	2.84	10	0.56	456	3	0.03	18	770	36	3	10	59	0.08	5	66	5	9	56
36446	3	0.1	1.31	15	200	15	0.61	1	12	20	27	2.89	5	0.57	299	3	0.03	15	810	32	3	10	50	0.08	5	67	5	7	49
36447	3	0.1	1.46	10	185	25	0.63	1	14	19	25	3.28	5	0.62	315	3	0.03	13	790	36	3	10	48	0.09	5	77	5	7	53
36448	10	0.1	1.48	15	220	10	0.54	1	11	22	20	2.82	5	0.53	286	3	0.02	12	460	36	3	10	43	0.07	5	72	5	4	49
36449	10	0.1	1.95	15	155	30	0.51	1	20	14	24	4.27	5	0.99	299	4	0.03	13	650	42	10	10	47	0.08	5	103	5	4	31
36450	30	0.1	3.01	3	275	55	0.54	1	24	4	66	>10	20	1.85	369	8	0.06	7	1610	58	3	10	247	0.18	5	289	5	5	71
400251	5	0.2	1.46	10	150	15	0.35	1	16	7	30	3.16	10	0.66	216	4	0.01	6	320	36	3	10	39	0.05	5	76	5	8	68
400252	3	0.1	1.53	20	205	15	0.41	1	11	25	21	2.81	10	0.63	327	3	0.02	15	380	38	3	10	38	0.10	5	63	5	6	53
400253	3	0.1	1.77	15	230	25	0.51	1	14	24	26	3.29	10	0.65	491	3	0.02	16	420	40	3	10	42	0.10	5	72	5	10	60
400254	3	0.1	1.85	5	185	30	0.40	1	17	18	28	4.37	5	0.77	385	4	0.03	13	570	42	10	10	48	0.09	5	97	5	6	55
400255	3	0.1	1.66	15	180	15	0.25	1	15	21	18	3.49	5	0.52	395	3	0.02	12	630	42	3	10	34	0.08	5	74	5	4	54
400256	3	0.1	1.67	10	245	5	0.47	1	12	23	24	3.29	10	0.58	404	3	0.02	15	480	38	3	10	37	0.09	5	66	5	11	61
400257	3	0.1	1.55	5	190	20	0.30	1	11	21	18	3.33	5	0.60	664	4	0.02	12	560	36	3	10	37	0.09	5	74	5	4	66
400258	3	0.1	1.76	5	240	10	0.57	1	13	22	25	3.37	10	0.71	428	3	0.02	13	630	40	3	10	45	0.09	5	80	5	7	67
400259	3	0.1	1.54	10	240	15	0.58	1	12	20	26	2.97	10	0.61	500	3	0.02	13	610	36	3	10	38	0.07	5	68	5	10	71
400260	3	0.1	1.36	10	170	25	0.48	1	11	28	19	2.80	10	0.91	492	3	0.01	30	730	36	10	10	31	0.05	5	75	5	8	122
400261	3	0.1	1.50	15	240	10	0.58	1	12	21	25	2.91	10	0.61	416	4	0.02	13	620	38	3	10	51	0.06	5	67	5	11	70
400262	3	0.1	1.48	15	240	15	0.50	1	12	22	22	3.03	10	0.61	382	4	0.02	12	490	38	5	10	46	0.07	5	70	5	8	66

Sample No	Easting	Northing	Description
400263	572362	7047100	35 cm, dark brown, mucky/frozen, low slope, c+ horizon
400264	572385	7047107	50 cm, dark brown, mucky/frozen, small slope, b- horizon
400265	571960	7048241	50 cm, med. Brown, med. Slope, frozen c+ horizon
400266	571934	7048232	45 cm, light brown/tan, high slope, c horizon
400267	571911	7048228	30 cm, light brown/tan, sandy, high slope, c horizon
400268	571888	7048214	30 cm, light brown/orange high slope, c horizon
400269	571865	7048208	35 cm, light brown/orange, high slope, c horizon
400270	571840	7048199	35 cm, light brown, med/high slope, c horizon
400271	571817	7048188	45 cm, light brown/tan, med/high slope, c horizon
400272	571793	7048184	40 cm, light brown/orange, med/high slope, c horizon
400273	571770	7048175	50 cm, light orange/brown, med slope, c horizon
400274	571746	7048166	45 cm, light brown, med. Slope, c horizon
400275	571722	7048157	40 cm, light brown, low slope, c horizon
400276	571698	7048150	30 cm, light brown, low/med slope, c horizon
400277	571677	7048139	35 cm, light brown, med. Slope c horizon
400278	571792	7048642	35 cm, light brown, /orange, high slope, c horizon
400279	571752	7048633	20 cm, light brown/orange, high slope, c horizon
400280	571728	7048623	25 cm, orangey-brown, high slope, c horizon
400281	571704	7048617	20 cm, light brown, high slope, c+ horizon
400282	571680	7048609	55 cm, light brown/orange, med/high slope, c horizon, sandy
400283	571657	7048599	55 cm, orangey-brown, sandy, med. Slope, c horizon
400284	571633	7048592	55 cm, dark brown, med. Slope, c horizon
400285	571608	7048584	45 cm, light/med-brown, med. Slope, c horizon
400286	571584	7048577	60 cm, light brown/orange, med slope, c horizon
400287	571561	7048568	40 cm, dark brown, med. Slope, c horizon
400288	571537	7048562	30 cm, med brown, med. Slope, c horizon
400289	571514	7048553	40 cm, med brown/orange, sandy, med slope, c horizon
400290	571490	7048546	30 cm, light brown/orange, med slope, c horizon

Sample No	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
400263	3	0.1	1.34	10	200	20	0.52	1	10	25	24	2.74	10	0.66	401	3	0.02	15	640	36	3	10	52	0.06	5	71	5	6	84
400264	3	0.1	1.34	15	220	15	0.72	1	10	23	25	2.59	10	0.63	479	3	0.02	14	730	36	5	10	58	0.06	5	66	5	7	74
400265	5	0.3	1.66	20	215	5	0.53	1	10	16	148	2.42	20	0.42	316	3	0.02	12	460	44	3	10	79	0.08	5	48	5	11	58
400266	10	0.1	1.57	15	215	15	0.28	1	9	20	145	2.71	10	0.50	205	4	0.02	15	280	40	3	10	40	0.08	5	56	5	5	55
400267	3	0.2	1.67	10	160	10	0.36	1	11	13	86	2.57	20	0.53	391	4	0.02	11	350	48	5	10	44	0.11	5	46	5	7	95
400268	20	0.7	1.67	20	255	3	0.31	1	11	24	358	3.23	20	0.79	249	8	0.03	20	570	46	3	10	42	0.11	5	76	5	5	77
400269	70	0.9	2.65	30	360	3	0.41	1	34	79	2497	5.46	20	1.62	478	9	0.03	62	620	68	10	10	58	0.16	5	106	5	10	159
400270	5	0.7	1.75	10	250	3	0.31	1	13	26	137	3.04	5	0.95	241	6	0.02	24	640	40	15	10	31	0.12	5	86	5	2	72
400271	3	0.1	1.84	20	270	20	0.57	1	19	46	25	3.15	5	0.79	414	3	0.03	14	300	42	3	10	66	0.13	5	90	5	5	60
400272	3	0.2	2.03	15	225	30	0.45	1	21	18	54	5.09	10	0.71	289	4	0.05	12	660	54	3	10	103	0.16	5	178	5	5	89
400273	3	0.1	2.20	20	200	30	0.37	1	19	12	32	3.62	20	1.05	285	5	0.02	11	300	52	10	10	46	0.12	5	59	5	33	70
400274	3	0.1	1.53	15	195	30	0.47	1	15	23	30	3.26	10	0.67	319	3	0.04	15	660	40	3	10	57	0.09	5	78	5	12	54
400275	3	0.1	1.39	20	255	20	0.54	1	13	26	29	2.83	10	0.62	291	3	0.03	20	710	38	5	10	59	0.09	5	67	5	9	48
400276	3	0.1	1.31	20	295	10	1.21	1	11	24	31	2.65	10	0.70	344	3	0.03	22	720	36	5	10	74	0.08	5	59	5	9	50
400277	5	0.2	1.25	5	275	15	1.19	1	11	21	33	2.66	10	0.62	347	2	0.03	21	590	30	3	10	62	0.08	5	58	5	7	49
400278	3	0.1	1.45	20	105	5	0.23	1	8	7	20	2.37	20	0.49	362	3	0.01	5	260	42	3	10	32	0.07	5	40	5	5	100
400279	3	0.1	1.38	30	145	25	0.11	1	9	17	31	3.18	10	0.30	312	4	0.01	10	400	52	3	10	40	0.07	5	63	5	3	65
400280	10	0.2	1.40	25	210	15	0.23	1	10	18	140	3.25	10	0.43	734	7	0.02	13	510	44	10	10	52	0.07	5	60	5	3	79
400281	3	0.4	1.79	15	280	3	0.19	1	16	28	201	3.38	5	0.70	933	5	0.02	22	390	44	5	10	30	0.09	5	81	5	1	88
400282	65	1.0	1.93	25	350	3	0.22	1	22	41	1050	5.02	20	1.03	521	33	0.02	38	420	54	3	10	47	0.10	5	72	5	12	133
400283	15	0.1	2.27	30	315	3	0.25	1	28	52	600	3.31	20	1.71	682	5	0.02	43	640	60	15	10	27	0.13	5	101	5	8	128
400284	3	0.1	2.01	30	240	30	0.45	1	16	23	55	4.11	5	0.99	325	5	0.04	10	550	54	10	10	59	0.14	5	114	5	6	100
400285	3	0.1	1.74	30	195	30	0.25	1	16	12	34	4.70	5	0.78	306	4	0.04	8	770	46	5	10	48	0.13	5	107	5	6	69
400286	3	0.2	2.11	30	220	10	0.53	1	17	8	20	2.21	5	1.78	571	2	0.03	5	690	46	3	10	45	0.16	5	184	5	12	89
400287	3	0.1	1.81	10	175	20	0.34	1	16	21	44	4.26	5	0.84	299	5	0.06	13	510	42	3	10	64	0.10	5	111	5	4	67
400288	3	0.1	2.28	15	185	40	0.50	1	19	6	70	5.71	5	0.91	303	5	0.11	7	1140	56	3	10	81	0.15	5	125	5	5	127
400289	3	0.1	2.26	20	180	35	0.33	1	23	19	56	5.21	5	1.11	313	5	0.07	14	530	52	3	10	66	0.13	5	147	5	3	64
400290	3	0.1	1.56	10	190	30	0.25	1	14	17	23	3.77	5	0.78	216	4	0.04	11	510	40	3	10	51	0.10	5	95	5	4	38

4.0 APPENDIX IV: ASSAY CERTIFICATES

3-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2007- 7061

Aurum Geological Cons. Inc.
106A Granite Road
Whitehorse, YK
Y1A 2T9

No. of samples received: 8
Sample Type: Core
Project: Lucky Joe
Shipment #: 1
Submitted by: Al Doherty

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400051	0.2	2.14	15	70	10	1.74	1	27	67	52	5.55	10	1.69	790	6	0.13	6	1310	56	10	<20	24	0.16	<10	117	<10	19	218
2	400052	<0.2	2.21	15	60	25	1.70	<1	29	65	22	5.98	10	1.66	759	6	0.16	5	890	64	10	<20	31	0.12	<10	117	<10	17	73
3	400053	0.2	2.20	15	80	20	1.81	1	33	56	47	5.74	10	1.64	802	6	0.17	4	860	48	<5	<20	22	0.13	<10	155	<10	13	77
4	400054	0.2	1.89	<5	70	5	1.50	1	36	77	90	6.49	10	1.62	488	5	0.14	6	870	42	<5	<20	17	0.15	<10	153	<10	8	54
5	400055	<0.2	2.47	25	85	20	1.73	1	26	71	88	5.98	10	2.02	634	6	0.12	9	1140	52	15	<20	30	0.19	<10	175	<10	16	76
6	400056	<0.2	2.19	<5	90	20	1.92	2	32	58	64	6.01	10	1.82	730	5	0.15	4	1150	50	10	<20	28	0.18	<10	156	10	18	133
7	400057	<0.2	2.38	10	100	10	3.16	1	25	50	80	6.15	10	1.65	852	6	0.17	3	2810	48	15	<20	36	0.18	<10	86	<10	21	158
8	400058	<0.2	2.23	15	95	25	2.61	1	26	56	64	6.36	10	1.69	871	7	0.17	3	3030	48	10	<20	30	0.16	<10	69	<10	22	152
QC DATA:																													
Repeat:																													
1	400051	0.2	2.25	15	80	10	1.77	2	29	64	50	5.79	10	1.78	803	6	0.13	6	1330	58	15	<20	25	0.18	<10	119	<10	22	232
Standard:																													
Pb113		11.0	0.26	60	75	<5	1.76	40	3	7	2315	1.11	<10	0.14	1554	74	0.02	4	80	5516	25	<20	73	<0.01	<10	11	40	3	3972

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/sa
df/7054
XLS/07

CERTIFICATE OF ASSAY AK 2007-7061

Aurum Geological Cons. Inc. 9-Jul-07
106A Granite Road
Whitehorse, YK
Y1A 2T9

No. of samples received: 8
Sample Type: Core
Project: Lucky Joe
Shipment #: 1
Submitted by: Al Doherty

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	400051	<0.03	<0.001
2	400052	<0.03	<0.001
3	400053	<0.03	<0.001
4	400054	<0.03	<0.001
5	400055	<0.03	<0.001
6	400056	<0.03	<0.001
7	400057	<0.03	<0.001
8	400058	<0.03	<0.001
QC DATA:			
Repeat:			
1	400051	<0.03	<0.001
Resplit:			
1	400051	<0.03	<0.001
Standard:			
SI25		1.83	0.053

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jl
XLS/07

09-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2007- 7073

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:20
Sample Type: Core
Project: Lucky Joe
Shipment #: 2
Submitted by: Ryan Coe

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400059	<0.2	1.80	15	45	10	2.82	<1	21	47	35	4.90	<10	1.02	549	5	0.09	3	2720	36	5	<20	30	0.10	<10	46	<10	14	254
2	400060	<0.2	1.40	15	45	10	1.79	<1	17	56	39	4.69	<10	1.00	542	4	0.10	4	1990	28	<5	<20	17	0.08	<10	40	<10	13	91
3	400061	<0.2	2.52	15	40	15	3.21	<1	28	60	37	5.98	<10	1.43	696	5	0.06	5	1730	48	10	<20	51	0.10	<10	77	<10	15	131
4	400062	<0.2	1.83	25	25	10	1.97	<1	27	48	31	4.71	<10	1.26	526	5	0.10	5	1070	36	10	<20	43	0.08	<10	99	<10	9	117
5	400063	0.2	1.63	15	30	15	1.70	<1	30	60	33	5.17	<10	1.29	570	5	0.12	7	1310	32	15	<20	44	0.09	<10	121	<10	6	78
6	400064	<0.2	1.76	20	45	10	1.88	<1	26	46	42	4.85	<10	1.21	534	4	0.09	7	1160	36	10	<20	22	0.09	<10	105	<10	4	103
7	400065	0.2	1.73	25	55	5	1.83	<1	29	61	55	6.57	<10	1.38	581	5	0.11	5	2590	34	5	<20	27	0.10	<10	72	<10	9	88
8	400066	<0.2	1.82	15	55	15	1.89	<1	28	56	43	5.90	<10	1.40	513	4	0.09	7	1600	36	<5	<20	55	0.09	<10	75	<10	10	71
9	400067	0.2	2.14	<5	55	15	1.29	2	50	58	42	7.44	<10	1.83	594	8	0.09	11	800	40	20	<20	131	0.09	<10	147	<10	3	85
10	400068	0.5	1.80	25	55	10	1.67	<1	40	58	42	5.51	<10	1.27	536	5	0.11	9	820	38	15	<20	36	0.08	<10	119	<10	6	76
11	400069	<0.2	1.34	35	60	<5	1.18	<1	28	81	87	4.00	<10	1.13	369	7	0.10	26	360	28	25	<20	22	0.06	<10	66	<10	2	44
12	400070	<0.2	1.16	<5	55	10	1.19	<1	30	58	93	4.37	<10	0.90	414	3	0.12	8	690	22	5	<20	21	0.08	<10	111	<10	4	50
13	400071	<0.2	1.95	40	60	<5	3.50	<1	27	52	48	3.19	<10	0.84	325	3	0.07	11	660	40	5	<20	48	0.07	<10	64	<10	<1	55
14	400072	<0.2	2.12	25	60	15	1.86	<1	36	42	73	5.23	<10	1.36	548	3	0.10	13	400	44	<5	<20	32	0.10	<10	134	<10	1	65
15	400073	<0.2	1.89	<5	60	20	2.10	3	34	48	272	>10	<10	0.75	417	36	0.04	14	1000	40	10	<20	161	0.16	<10	87	<10	6	137
16	400074	<0.2	0.33	20	60	<5	0.26	<1	2	59	4	0.54	<10	0.10	96	<1	0.08	2	150	10	<5	<20	20	0.01	<10	10	<10	2	23
17	400075	<0.2	0.31	20	30	<5	0.36	<1	1	62	1	0.41	<10	0.08	77	<1	0.08	2	190	10	<5	<20	25	0.01	<10	7	<10	2	10
18	400076	<0.2	0.35	20	25	<5	0.39	<1	1	63	2	0.47	<10	0.05	64	<1	0.08	<1	120	10	<5	<20	22	0.02	<10	7	<10	2	16
19	400077	<0.2	1.50	10	55	15	2.34	<1	21	53	66	7.04	<10	0.73	446	6	0.06	8	670	32	10	<20	47	0.14	<10	86	<10	1	144
20	400078	<0.2	1.12	20	380	5	1.40	<1	10	40	12	3.80	20	0.50	624	3	0.10	8	1750	36	<5	<20	41	0.10	<10	99	<10	20	82

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AW 2007- 7073 Copper Ridge Exploration Inc,

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	400059	<0.2	1.92	5	35	10	2.47	<1	17	45	35	4.54	<10	1.03	509	4	0.09	4	2640	40	15	<20	25	0.07	<10	39	<10	12	233
10	400068	0.7	1.86	30	45	15	1.75	<1	39	59	41	5.57	<10	1.31	572	5	0.12	8	790	36	10	<20	34	0.09	<10	126	<10	6	77
19	400077	<0.2	1.53	<5	50	20	2.36	1	22	54	68	7.14	<10	0.74	453	5	0.06	7	690	34	<5	<20	48	0.15	<10	87	<10	2	144
Resplit:																													
1	400059	2.0	1.81	15	45	15	2.85	2	19	59	35	4.79	<10	1.04	572	6	0.10	5	2690	34	20	<20	29	0.08	<10	47	<10	13	250
Standard:																													
Pb113		11.5	0.25	65	65	<5	1.71	50	4	6	2320	1.08	<10	0.10	1580	52	0.02	2	70	5551	15	<20	72	0.01	<10	10	10	<1	7016

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
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CERTIFICATE OF ASSAY AW 2007- 7073

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

10-Jul-07

No. of samples received:20
Sample Type: Core
Project: Lucky Joe
Shipment #: 2
Submitted by: Ryan Coe

ET #	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	400059	<0.03	<0.001	<0.01
2	400060	<0.03	<0.001	<0.01
3	400061	<0.03	<0.001	<0.01
4	400062	<0.03	<0.001	0.10
5	400063	<0.03	<0.001	<0.01
6	400064	<0.03	<0.001	<0.01
7	400065	<0.03	<0.001	<0.01
8	400066	<0.03	<0.001	<0.01
9	400067	<0.03	<0.001	<0.01
10	400068	<0.03	<0.001	<0.01
11	400069	<0.03	<0.001	<0.01
12	400070	<0.03	<0.001	0.01
13	400071	<0.03	<0.001	<0.01
14	400072	<0.03	<0.001	<0.01
15	400073	<0.03	<0.001	0.03
16	400074	<0.03	<0.001	<0.01
17	400075	<0.03	<0.001	<0.01
18	400076	<0.03	<0.001	<0.01
19	400077	<0.03	<0.001	<0.01
20	400078	<0.03	<0.001	<0.01
Repeat:				
1	400059	<0.03	<0.001	<0.01
10	400068	<0.03	<0.001	<0.01
19	400077	<0.03	<0.001	
Resplit:				
1	400059	<0.03	<0.001	<0.01
Standard:				
SJ32		2.61	0.076	
CU120				1.54

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ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

27-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2007- 7113
Revised

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:20
Sample Type: Core
Project: Lucky Joe
Shipment #: 3
Submitted by: Ann Ledwidge

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400079	<0.2	0.38	20	30	15	0.40	<1	10	118	11	1.72	<10	0.28	130	<1	0.06	7	110	14	<5	<20	18	0.05	<10	33	<10	<1	16
2	400080	0.2	1.52	10	40	40	2.04	<1	30	45	25	4.69	<10	1.07	655	<1	0.09	8	770	40	<5	<20	44	0.15	<10	178	<10	<1	84
3	400081	<0.2	1.82	<5	145	<5	1.45	<1	26	43	470	5.25	<10	1.52	851	1	0.10	7	320	46	10	<20	48	0.13	<10	162	<10	<1	139
4	400082	0.3	1.26	20	95	<5	1.78	<1	32	51	513	4.21	<10	0.96	642	1	0.12	7	460	40	5	<20	54	0.10	<10	107	<10	<1	102
5	400083	<0.2	1.38	<5	85	<5	2.00	<1	37	52	654	4.71	<10	1.10	663	<1	0.11	11	480	40	<5	<20	62	0.10	<10	103	<10	<1	109
6	400084	0.2	1.34	10	115	5	1.06	1	37	34	295	4.76	<10	1.20	682	<1	0.14	6	490	40	5	<20	20	0.15	<10	150	<10	<1	170
7	400085	<0.2	1.08	20	100	20	1.54	<1	19	150	60	3.27	<10	1.16	505	2	0.07	18	370	32	5	<20	38	0.09	<10	69	<10	<1	77
8	400086	2.0	0.54	25	60	<5	1.88	<1	14	29	6914	6.49	<10	0.73	858	7	0.05	17	530	36	25	<20	78	0.06	<10	42	<10	<1	104
9	400087	0.2	1.05	20	105	40	1.50	<1	22	47	35	3.35	<10	0.66	416	2	0.18	8	1610	30	15	<20	23	0.11	<10	142	<10	<1	44
10	400088	<0.2	1.05	25	245	25	1.37	<1	11	39	13	3.39	20	0.47	700	<1	0.12	8	1730	40	<5	<20	116	0.15	<10	97	<10	4	75
11	400089	<0.2	1.44	15	210	45	1.55	<1	24	29	23	4.43	<10	0.89	533	<1	0.16	5	1320	38	<5	<20	26	0.17	<10	168	<10	<1	58
12	400090	0.2	1.34	10	190	30	1.48	<1	23	26	23	4.20	<10	0.82	515	<1	0.15	4	1360	36	<5	<20	26	0.15	<10	156	<10	<1	57
13	400091	<0.2	1.42	20	150	35	1.34	<1	26	29	51	4.29	<10	1.07	533	<1	0.10	5	1490	36	5	<20	21	0.17	<10	126	<10	<1	73
14	400092	0.2	1.10	15	70	15	1.11	<1	26	34	41	3.98	<10	0.78	472	<1	0.13	5	880	32	<5	<20	11	0.13	<10	134	<10	1	86
15	400093	<0.2	1.17	20	260	35	1.30	<1	20	52	13	2.99	<10	0.95	459	<1	0.15	7	530	32	5	<20	21	0.15	<10	119	<10	<1	60
16	400094	<0.2	1.45	30	355	20	0.90	<1	15	126	27	2.92	20	0.73	469	1	0.02	31	540	46	<5	<20	46	0.13	<10	54	<10	5	75
17	400095	<0.2	1.45	35	65	35	2.51	2	27	182	27	4.57	<10	1.47	750	1	0.03	36	660	40	10	<20	43	0.10	<10	112	<10	<1	84
18	400096	0.2	2.50	30	230	45	2.02	<1	25	64	42	5.93	10	1.95	824	2	0.03	25	2850	66	10	<20	101	0.24	<10	81	<10	10	191
19	400097	<0.2	2.52	10	130	40	4.11	1	30	59	51	6.60	<10	2.51	996	4	0.03	38	4770	66	20	<20	220	0.18	<10	107	<10	2	195
20	400098	<0.2	0.68	25	115	10	2.77	<1	12	109	52	2.86	<10	1.14	699	5	0.01	43	780	26	10	<20	223	0.03	<10	63	<10	7	86

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AW 2007- 7113** **Copper Ridge Exploration Inc,**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	400079	<0.2	0.35	20	25	10	0.36	<1	10	90	11	1.65	<10	0.26	119	<1	0.05	6	120	12	<5	<20	17	0.05	<10	31	<10	<1	16
10	400088	<0.2	1.01	25	245	25	1.33	<1	11	38	13	3.33	20	0.46	682	<1	0.11	8	1690	42	<5	<20	112	0.15	<10	95	<10	6	73
Resplit:																													
1	400079	<0.2	0.39	25	35	20	0.44	<1	11	112	11	1.79	<10	0.30	137	<1	0.06	7	130	14	<5	<20	21	0.05	<10	35	<10	<1	17
Standard:																													
PB113		11.0	0.23	50	65	<5	1.64	40	3	6	2285	1.01	<10	0.09	1415	57	0.02	2	80	5524	15	<20	74	0.02	<10	8	<10	<1	6920

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CERTIFICATE OF ASSAY AW 2007-7113

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

18-Jul-07

No. of samples received:20
Sample Type: Core
Project: Lucky Joe
Shipment #: 3
Submitted by: Ann Ledwidge

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	400079	<0.03	<0.001
2	400080	<0.03	<0.001
3	400081	<0.03	<0.001
4	400082	<0.03	<0.001
5	400083	<0.03	<0.001
6	400084	<0.03	<0.001
7	400085	<0.03	<0.001
8	400086	0.72	0.021
9	400087	<0.03	<0.001
10	400088	0.03	0.001
11	400089	<0.03	<0.001
12	400090	<0.03	<0.001
13	400091	<0.03	<0.001
14	400092	<0.03	<0.001
15	400093	<0.03	<0.001
16	400094	<0.03	<0.001
17	400095	<0.03	<0.001
18	400096	<0.03	<0.001
19	400097	<0.03	<0.001
20	400098	<0.03	<0.001

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Copper Ridge Exploration Inc,-7113 18-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	400079	<0.03	<0.001
10	400088	<0.03	<0.001
Resplit:			
1	400079	<0.03	<0.001
Standard:			
SJ32		2.62	0.076

ECO TECH LABORATORY LTD.
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B.C. Certified Assayer

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18-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7114

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:25
Sample Type: Core
Project: Lucky Joe
Shipment #: 4
Submitted by: Ann Ledwidge

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400099	0.4	1.52	30	50	40	1.57	<1	27	41	45	4.62	<10	1.02	601	<1	0.12	5	1260	50	<5	<20	40	0.12	<10	126	<10	<1	131
2	400100	0.4	1.56	25	35	10	2.09	<1	24	39	51	4.47	<10	0.87	583	<1	0.12	4	1520	46	<5	<20	61	0.12	<10	121	<10	<1	100
3	400101	0.3	1.33	15	30	30	1.66	<1	26	33	32	4.89	<10	1.00	621	<1	0.13	3	1640	38	<5	<20	30	0.13	<10	115	<10	<1	100
4	400102	0.3	1.36	20	40	35	1.56	<1	28	33	36	4.49	<10	0.83	505	<1	0.14	5	1460	40	<5	<20	30	0.12	<10	118	<10	<1	80
5	400103	0.4	1.86	25	50	30	2.06	<1	22	33	38	5.21	<10	1.08	621	<1	0.10	3	2680	50	<5	<20	49	0.14	<10	55	<10	1	130
6	400104	0.3	1.77	25	20	25	1.24	<1	26	42	28	4.37	<10	1.25	500	1	0.11	3	1130	46	<5	<20	41	0.09	<10	94	<10	2	133
7	400105	0.3	1.81	30	30	25	1.44	<1	25	43	26	4.18	<10	1.17	547	<1	0.12	4	1180	48	15	<20	52	0.10	<10	100	<10	<1	78
8	400106	0.6	2.37	30	25	25	2.13	<1	27	29	31	5.35	<10	1.33	608	<1	0.09	5	1170	60	10	<20	90	0.12	<10	126	<10	<1	83
9	400107	0.4	1.86	25	40	30	1.06	<1	24	48	30	4.90	<10	1.47	705	2	0.08	6	1280	48	15	<20	37	0.10	<10	92	<10	<1	97
10	400108	0.3	1.35	20	35	25	1.14	<1	32	35	59	4.09	<10	0.87	496	<1	0.15	5	700	34	<5	<20	83	0.09	<10	111	<10	<1	55
11	400109	0.4	1.69	20	40	25	0.95	<1	30	45	47	4.96	<10	1.35	496	<1	0.10	8	1060	44	10	<20	68	0.09	<10	88	<10	<1	70
12	400110	0.3	1.63	20	35	25	1.45	<1	33	41	56	4.26	<10	1.05	536	<1	0.15	8	730	42	5	<20	90	0.09	<10	114	<10	<1	85
13	400111	0.3	1.67	20	70	20	0.86	<1	30	56	70	4.38	<10	1.47	567	2	0.10	15	560	44	10	<20	29	0.10	<10	116	<10	<1	141
14	400112	0.4	1.68	30	70	20	0.83	<1	29	55	74	4.44	<10	1.48	573	1	0.10	15	610	46	10	<20	43	0.10	<10	117	<10	<1	141
15	400113	0.4	1.99	20	60	20	0.83	<1	37	73	145	5.39	<10	1.66	586	<1	0.10	25	450	48	<5	<20	41	0.13	<10	123	<10	<1	65
16	400114	0.4	1.66	25	45	20	1.23	<1	33	42	77	5.46	<10	1.01	620	<1	0.15	10	410	44	<5	<20	39	0.12	<10	194	<10	<1	55
17	400115	0.3	1.44	15	40	25	0.98	<1	28	74	101	4.25	<10	1.28	624	1	0.13	25	360	40	5	<20	81	0.08	<10	100	<10	<1	89
18	400116	2.4	0.54	25	55	<5	1.88	1	13	28	6890	6.48	<10	0.72	858	7	0.05	17	510	38	25	<20	80	0.06	<10	42	<10	<1	104
19	400117	0.2	1.40	25	50	15	0.65	<1	34	147	92	4.07	<10	1.50	270	3	0.07	69	410	36	15	<20	116	0.07	<10	66	<10	<1	36
20	400118	<0.2	1.13	30	40	10	0.70	<1	26	132	65	2.46	<10	1.20	216	3	0.07	67	330	30	10	<20	41	0.06	<10	46	<10	<1	28
21	400119	<0.2	1.50	45	150	15	0.70	<1	23	302	42	1.89	<10	1.86	369	<1	0.07	126	340	42	15	<20	17	0.08	<10	45	<10	<1	85
22	400120	<0.2	1.48	40	125	10	0.93	<1	21	273	35	1.70	<10	1.69	345	<1	0.08	112	360	40	10	<20	71	0.07	<10	41	<10	<1	92
23	400121	0.3	2.24	50	185	20	1.48	<1	26	239	88	3.49	<10	1.94	654	3	0.07	109	690	62	15	<20	128	0.14	<10	86	<10	<1	231
24	400122	0.6	2.12	30	85	<5	1.27	<1	41	77	242	6.02	<10	1.61	657	<1	0.09	28	1120	54	<5	<20	105	0.16	<10	124	<10	<1	201
25	400123	<0.2	1.06	30	515	25	0.95	<1	9	36	14	3.39	20	0.48	624	<1	0.10	9	1690	42	<5	<20	66	0.13	<10	97	<10	5	81

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AW 2007- 7114 Copper Ridge Exploration Inc,

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	400099	0.5	1.58	25	60	45	1.62	<1	28	41	46	4.76	<10	1.06	623	<1	0.12	5	1260	52	5	<20	41	0.12	<10	131	<10	<1	134
10	400108	0.4	1.35	25	35	25	1.15	<1	32	36	63	4.13	<10	0.87	504	<1	0.15	6	680	36	<5	<20	81	0.09	<10	113	<10	<1	58
Resplit:																													
1	400099	0.4	1.60	35	60	30	1.62	<1	29	42	47	4.81	<10	1.07	627	<1	0.12	6	1250	46	5	<20	42	0.12	<10	132	<10	<1	134
Standard:																													
Pb113		11.2	0.23	55	65	<5	1.72	39	3	6	2373	1.01	<10	0.09	1488	66	0.02	1	60	5468	15	<20	77	0.02	<10	7	<10	<1	6931

ECO TECH LABORATORY LTD.
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ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
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CERTIFICATE OF ASSAY AW 2007-7114

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

18-Jul-07

No. of samples received:25
Sample Type: Core
Project: Lucky Joe
Shipment #: 4
Submitted by: Ann Ledwidge

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	400099	<0.03	<0.001
2	400100	<0.03	<0.001
3	400101	<0.03	<0.001
4	400102	<0.03	<0.001
5	400103	<0.03	<0.001
6	400104	<0.03	<0.001
7	400105	<0.03	<0.001
8	400106	<0.03	<0.001
9	400107	<0.03	<0.001
10	400108	<0.03	<0.001
11	400109	<0.03	<0.001
12	400110	<0.03	<0.001
13	400111	<0.03	<0.001
14	400112	<0.03	<0.001
15	400113	<0.03	<0.001
16	400114	<0.03	<0.001
17	400115	<0.03	<0.001
18	400116	0.71	0.021
19	400117	<0.03	<0.001
20	400118	<0.03	<0.001
21	400119	<0.03	<0.001
22	400120	<0.03	<0.001
23	400121	<0.03	<0.001
24	400122	<0.03	<0.001
25	400123	<0.03	<0.001

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Jutta Jealouse
B.C. Certified Assayer

Copper Ridge Exploration Inc, AW7-7114 18-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	400099	<0.03	<0.001
10	400108	<0.03	<0.001
19	400117	<0.03	<0.001
Resplit			
1	400099	<0.03	<0.001
Standard:			
Cu120			
SI25		1.79	0.052

JJ/sa
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

26-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7154

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received: 35
Sample Type: Core/Rock
Project #: Lucky Joe
Submitted by: Ann Ledwidge
Shipment #: 5

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400124	<0.2	1.35	10	45	5	0.65	<1	6	95	36	1.64	20	0.42	286	4	0.05	4	220	20	10	<20	59	0.06	<10	23	<10	8	65
2	400125	<0.2	0.91	<5	40	5	0.37	<1	5	92	69	1.43	20	0.37	364	6	0.05	4	210	12	5	<20	22	0.05	<10	20	<10	7	73
3	400126	<0.2	0.86	<5	30	<5	0.44	<1	7	58	31	1.22	20	0.25	456	<1	0.03	1	160	10	<5	<20	28	0.05	<10	16	<10	6	105
4	400127	<0.2	1.05	5	50	10	0.34	<1	5	77	18	1.68	20	0.31	210	6	0.05	4	210	16	5	<20	52	0.07	<10	24	<10	7	72
5	400128	<0.2	1.22	<5	40	5	0.92	<1	5	77	18	1.42	10	0.39	305	4	0.05	4	200	16	15	<20	59	0.05	<10	20	<10	6	32
6	400129	<0.2	0.57	<5	40	5	0.49	2	4	104	25	1.19	20	0.27	239	6	0.04	3	150	38	<5	<20	8	0.03	<10	11	<10	5	114
7	400130	<0.2	1.28	5	45	10	0.91	<1	8	82	19	1.74	30	0.25	202	5	0.04	3	210	18	5	<20	63	0.03	<10	12	<10	12	102
8	400131	<0.2	0.77	<5	45	<5	0.53	1	8	88	50	1.81	20	0.34	194	10	0.05	4	200	20	<5	<20	40	0.03	<10	12	<10	10	116
9	400132	<0.2	0.73	<5	35	<5	0.48	1	7	78	49	1.71	20	0.31	169	6	0.04	4	190	20	<5	<20	30	0.04	<10	11	<10	9	112
10	400133	<0.2	0.77	<5	35	<5	0.54	2	9	98	21	1.40	40	0.25	181	12	0.05	5	190	12	<5	<20	17	0.02	<10	9	<10	23	402
11	400134	<0.2	0.61	<5	55	<5	0.40	3	4	127	28	1.31	20	0.13	135	3	0.04	3	140	50	<5	<20	46	0.01	<10	4	<10	4	254
12	400135	0.2	0.61	<5	50	<5	0.68	<1	5	112	17	1.93	10	0.35	338	4	0.03	<1	160	14	<5	<20	15	0.06	<10	5	<10	4	75
13	400136	2.6	0.59	<5	70	<5	1.84	5	12	27	6953	6.60	<10	0.82	862	10	0.05	24	410	28	35	<20	97	<0.01	<10	45	<10	<1	82
14	400137	0.4	0.69	<5	65	10	1.26	<1	6	113	30	2.23	10	0.49	466	3	0.04	4	210	20	<5	<20	21	0.04	<10	20	<10	5	61
15	400138	<0.2	0.98	<5	95	5	1.02	<1	6	101	34	2.12	10	0.68	436	6	0.05	4	270	14	5	<20	30	0.04	<10	27	<10	6	58
16	400139	<0.2	0.96	10	125	5	0.67	<1	4	101	27	2.00	<10	0.59	309	1	0.05	2	240	12	<5	<20	49	0.03	<10	23	<10	4	32
17	400140	1.2	0.96	<5	105	<5	0.60	3	9	110	751	2.63	10	0.63	417	16	0.04	8	150	14	25	<20	14	0.01	<10	18	<10	4	70
18	400141	<0.2	0.45	<5	55	<5	0.90	<1	3	83	134	0.82	10	0.29	219	6	0.05	3	210	10	<5	<20	35	0.02	<10	14	<10	3	65
19	400142	<0.2	0.50	<5	65	10	0.68	<1	2	91	10	0.85	<10	0.26	153	1	0.06	4	280	8	<5	<20	47	0.06	<10	17	<10	<1	45
20	400143	<0.2	1.08	<5	240	10	1.40	<1	9	44	18	3.30	30	0.52	625	3	0.13	7	1500	24	<5	<20	139	0.09	<10	97	<10	13	55
21	400144	4.4	1.12	10	55	<5	0.51	<1	16	127	531	3.85	30	0.85	326	60	0.02	24	390	20	<5	<20	<1	0.04	<10	24	<10	4	62
22	400145	7.3	1.42	10	75	<5	1.06	2	27	128	2608	4.44	10	1.21	403	8	0.03	40	910	54	<5	<20	33	0.06	<10	72	<10	6	143
23	400146	1.0	2.13	15	120	10	2.55	4	20	100	272	4.86	10	2.21	839	17	0.03	37	990	30	45	<20	95	0.09	<10	88	<10	11	134
24	400147	1.1	0.96	<5	90	15	1.60	<1	8	115	32	2.14	20	0.86	448	5	0.04	13	580	14	15	<20	59	0.05	<10	33	<10	7	33
25	400148	<0.2	0.89	<5	120	10	1.18	<1	10	143	43	1.87	10	0.76	752	8	0.01	20	270	22	<5	<20	28	0.06	<10	27	<10	5	81

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	400149	0.2	1.21	5	200	15	0.37	<1	8	182	50	2.38	10	0.89	335	3	0.02	33	390	38	<5	<20	8	0.09	<10	69	<10	7	131
27	400150	0.4	2.01	25	105	15	1.54	2	16	128	35	3.08	10	0.98	319	14	0.04	28	560	28	40	<20	122	0.07	<10	76	<10	7	57
28	400151	0.3	1.62	30	210	25	0.52	<1	16	155	31	2.96	<10	1.18	404	4	0.07	16	540	26	<5	<20	17	0.18	<10	76	<10	9	49
29	400152	0.9	1.77	10	120	<5	0.83	1	22	83	530	4.13	<10	1.27	640	17	0.11	11	390	26	15	<20	15	0.13	<10	118	<10	4	108
30	400153	0.3	1.61	5	145	30	1.58	1	21	68	43	3.66	<10	1.14	477	5	0.14	8	590	24	15	<20	47	0.13	<10	147	<10	7	56
31	400154	0.3	1.39	<5	80	30	1.68	2	15	55	25	3.59	<10	0.89	442	7	0.18	4	1340	18	15	<20	40	0.12	<10	108	<10	9	40
32	400155	0.2	1.38	<5	40	25	1.69	2	14	43	23	3.27	<10	0.81	429	5	0.17	6	1590	18	25	<20	46	0.10	<10	102	<10	9	31
33	400156	<0.2	0.81	<5	35	10	1.09	<1	5	76	17	1.96	<10	0.24	248	4	0.03	1	140	14	<5	<20	50	0.09	<10	32	<10	13	64
34	400157	<0.2	0.97	<5	115	20	1.08	1	8	92	21	2.71	<10	0.52	397	<1	0.10	7	380	14	5	<20	28	0.10	<10	41	<10	11	56
35	7R36453	0.3	2.51	25	155	<5	2.20	<1	5	32	9	2.38	90	0.09	870	32	0.93	3	240	44	15	<20	274	0.08	<10	37	<10	2	162
QC DATA:																													
Repeat:																													
1	400124	<0.2	1.20	10	35	10	0.59	<1	6	83	32	1.52	20	0.38	262	3	0.04	3	190	16	10	<20	52	0.05	<10	21	<10	7	54
10	400133	<0.2	0.63	5	35	<5	0.54	1	8	95	21	1.37	40	0.23	178	13	0.05	5	190	14	5	<20	15	0.02	<10	9	<10	22	412
19	400142	<0.2	0.48	5	65	10	0.67	2	2	90	10	0.84	<10	0.28	151	6	0.06	8	280	8	25	<20	49	<0.01	<10	20	<10	<1	45
Resplit:																													
1	400124	<0.2	1.22	15	45	10	0.62	<1	6	99	26	1.57	20	0.38	265	2	0.05	6	200	16	10	<20	53	0.05	<10	22	<10	7	51
Standard:																													
Pb113		11.2	0.23	50	55	<5	1.70	38	2	5	2344	1.08	<10	0.10	1393	77	0.02	4	80	5384	20	<20	85	<0.01	<10	7	10	<1	7005

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Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

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GEOCHEMISTRY
ANALYTICAL CHEMISTRY
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www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2007-7154

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

26-Jul-07

No. of samples received: 35
Sample Type: Core/Rock
Project #: Lucky Joe
Submitted by: Ann Ledwidge
Shipment #: 5

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	400124	<0.03	<0.001
2	400125	<0.03	<0.001
3	400126	<0.03	<0.001
4	400127	<0.03	<0.001
5	400128	<0.03	<0.001
6	400129	<0.03	<0.001
7	400130	0.03	0.001
8	400131	<0.03	<0.001
9	400132	<0.03	<0.001
10	400133	<0.03	<0.001
11	400134	<0.03	<0.001
12	400135	<0.03	<0.001
13	400136	0.76	0.022
14	400137	<0.03	<0.001
15	400138	<0.03	<0.001
16	400139	<0.03	<0.001
17	400140	<0.03	<0.001
18	400141	<0.03	<0.001
19	400142	<0.03	<0.001
20	400143	<0.03	<0.001
21	400144	0.03	0.001
22	400145	0.22	0.006
23	400146	0.05	0.001
24	400147	<0.03	<0.001
25	400148	<0.03	<0.001

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B.C. Certified Assayer

Copper Ridge Exploration Inc, AW7 - 7154

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	400149	<0.03	<0.001
27	400150	<0.03	<0.001
28	400151	<0.03	<0.001
29	400152	<0.03	<0.001
30	400153	<0.03	<0.001
31	400154	<0.03	<0.001
32	400155	<0.03	<0.001
33	400156	<0.03	<0.001
34	400157	<0.03	<0.001
35	7R36453	<0.03	<0.001
QC DATA:			
Repeat:			
1	400124	<0.03	<0.001
10	400133	<0.03	<0.001
19	400142	<0.03	<0.001
22	400145	0.19	0.006
Resplits:			
1	400124	<0.03	<0.001
Standard:			
SI25		1.82	0.053

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/nl/jl
XLS/07

24-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
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ICP CERTIFICATE OF ANALYSIS AK 2007- 7142

Aurum Geological Cons. Inc.
106A Granite Road
Whitehorse, YK
Y1A 2V9

No. of samples received:18
Sample Type: Core
Project: Lucky Joe
Shipment #: 6
Submitted by: Ann Ledwidge

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400158	<0.2	1.70	10	210	5	1.63	1	15	144	17	2.53	<10	1.63	480	2	0.07	20	410	20	15	<20	39	0.11	<10	80	<10	2	59
2	400159	<0.2	1.81	15	70	10	1.14	2	30	32	105	6.34	<10	1.18	477	4	0.07	10	1040	24	5	<20	28	0.15	<10	182	<10	2	72
3	400160	<0.2	1.72	10	70	15	1.06	2	28	35	99	6.08	<10	1.15	450	6	0.07	12	1020	22	20	<20	27	0.13	<10	170	<10	2	67
4	400161	<0.2	1.17	10	80	20	1.19	<1	14	46	19	3.75	<10	0.55	440	2	0.08	4	720	18	<5	<20	32	0.13	<10	63	<10	7	72
5	400162	<0.2	1.26	<5	155	5	0.46	2	11	59	41	3.56	<10	0.75	297	4	0.06	4	110	20	5	<20	13	0.10	<10	40	<10	6	85
6	400163	0.2	1.02	<5	150	20	0.43	1	9	85	59	3.02	10	0.68	272	4	0.11	3	150	14	<5	<20	9	0.09	<10	32	<10	9	38
7	400164	<0.2	1.13	<5	230	20	1.40	1	10	42	12	3.29	30	0.55	671	3	0.12	8	1710	34	<5	<20	117	0.14	<10	102	<10	15	136
8	400165	<0.2	2.89	30	315	10	1.66	<1	4	60	3	0.80	<10	2.70	168	66	0.05	5	380	34	20	<20	128	0.21	<10	239	<10	29	44
9	400166	<0.2	0.90	5	100	<5	0.65	<1	1	60	7	0.41	<10	0.41	64	3	0.04	1	170	12	<5	<20	50	0.04	<10	20	<10	6	13
10	400167	2.3	0.62	<5	80	<5	1.91	3	13	28	6928	6.49	<10	0.91	885	11	0.05	17	160	30	30	<20	87	0.04	<10	45	<10	<1	98
11	400168	<0.2	1.40	10	125	20	0.48	<1	11	53	21	3.40	<10	0.98	482	2	0.06	4	520	18	<5	<20	20	0.15	<10	57	<10	7	82
12	400169	<0.2	2.02	5	65	15	1.10	<1	27	51	34	5.26	<10	1.50	663	4	0.10	4	840	26	<5	<20	34	0.12	<10	101	<10	5	120
13	400170	<0.2	2.09	<5	65	25	1.10	2	47	45	60	7.00	<10	2.01	475	5	0.07	6	1150	24	5	<20	30	0.18	<10	160	<10	8	79
14	400171	<0.2	1.93	<5	85	15	1.15	2	36	37	42	5.97	<10	1.66	634	6	0.12	7	880	22	15	<20	23	0.13	<10	166	<10	5	77
15	400172	<0.2	2.29	5	75	30	1.63	2	26	44	57	5.19	<10	1.73	528	5	0.08	6	1180	28	10	<20	71	0.17	<10	153	<10	8	73
16	400173	<0.2	1.91	<5	55	15	1.70	<1	22	27	36	4.35	<10	1.22	584	3	0.13	5	1390	22	5	<20	63	0.13	<10	130	<10	6	77
17	400174	<0.2	2.24	<5	70	25	1.96	1	25	30	41	5.68	<10	1.83	882	3	0.13	6	1560	24	10	<20	40	0.15	<10	176	<10	5	117
18	400175	<0.2	1.81	<5	75	15	1.42	1	24	32	48	4.62	<10	1.39	549	3	0.12	4	1350	22	10	<20	51	0.13	<10	97	<10	7	85
QC DATA:																													
Repeat:																													
1	400158	<0.2	1.71	10	210	10	1.64	<1	15	145	17	2.54	<10	1.64	484	2	0.07	19	420	20	10	<20	38	0.11	<10	80	<10	3	59
Resplit:																													
1	400158	<0.2	1.84	15	215	5	1.62	1	16	161	18	2.63	<10	1.77	496	3	0.08	22	400	20	10	<20	40	0.11	<10	87	<10	3	59
Standard:																													
Pb113		11.8	0.26	45	60	<5	1.68	41	2	5	2381	1.00	<10	0.11	1462	74	0.02	2	70	5496	20	<20	73	0.01	<10	7	10	<1	7043

JJ/nl
df/7140S
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 2007-7142

Aurum Geological Cons. Inc.
106A Granite Road
Whitehorse, YK
Y1A 2V9

27-Jul-07

No. of samples received:18
Sample Type: Core
Project: Lucky Joe
Shipment #: 6
Submitted by: Ann Ledwidge

ET #.	Tag #	Cu (%)	Au (g/t)	Au (oz/t)
1	400158	<0.01	<0.03	<0.001
2	400159	0.01	0.03	0.001
3	400160	<0.01	<0.03	<0.001
4	400161	<0.01	<0.03	<0.001
5	400162	<0.01	<0.03	<0.001
6	400163	<0.01	<0.03	<0.001
7	400164	<0.01	<0.03	<0.001
8	400165	<0.01	<0.03	<0.001
9	400166	<0.01	<0.03	<0.001
10	400167	0.69	0.72	0.021
11	400168	<0.01	<0.03	<0.001
12	400169	<0.01	<0.03	<0.001
13	400170	<0.01	<0.03	<0.001
14	400171	<0.01	<0.03	<0.001
15	400172	<0.01	<0.03	<0.001
16	400173	<0.01	<0.03	<0.001
17	400174	<0.01	<0.03	<0.001
18	400175	<0.01	<0.03	<0.001

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Aurum Geological Cons. Inc. 27-Jul-07

ET #.	Tag #	Cu (%)	Au (g/t)	Au (oz/t)
QC DATA:				
Repeat:				
1	400158	<0.01	<0.03	<0.001
10	400167		0.72	0.021
Resplit:				
1	400158	<0.01	<0.03	<0.001
Standard:				
Cu120		1.52		
SJ32			2.66	0.078

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/nl
XLS/07

2-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7164

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:82
Sample Type: Core
Project: Lucky Joe
Shipment #: 7
Submitted by: Greg Dawson

Values in ppm unless otherwise reported

Et #.	Tag #	Fire Assay Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3601	<5	<0.2	1.34	20	45	10	0.77	<1	7	77	10	1.57	20	0.31	239	2	0.05	3	260	34	<5	<20	65	0.11	<10	24	<10	7	62
2	3602	<5	<0.2	1.46	15	25	<5	0.94	<1	8	77	8	1.47	20	0.29	371	1	0.04	2	220	36	<5	<20	88	0.06	<10	18	<10	5	57
3	3603	<5	<0.2	1.44	15	30	<5	1.28	<1	7	67	19	0.98	10	0.28	926	<1	0.04	1	210	32	<5	<20	110	0.07	<10	13	<10	4	46
4	3604	<5	<0.2	0.69	10	30	<5	0.44	<1	7	100	22	0.95	10	0.23	355	<1	0.05	1	200	18	<5	<20	41	0.06	<10	12	<10	4	56
5	3605	<5	<0.2	1.71	20	25	<5	1.25	<1	8	73	22	1.24	10	0.27	561	1	0.03	2	210	52	<5	<20	130	0.05	<10	13	<10	3	72
6	3606	<5	<0.2	1.07	15	130	<5	0.62	<1	2	81	2	0.35	<10	0.10	75	<1	0.05	2	140	26	<5	<20	74	0.02	<10	4	<10	<1	54
7	3607	<5	<0.2	1.28	20	60	<5	0.95	<1	2	52	2	0.37	<10	0.10	336	<1	0.05	1	140	32	<5	<20	135	0.02	<10	4	<10	<1	41
8	3608	<5	<0.2	0.81	10	50	10	0.43	<1	4	80	10	0.91	10	0.36	303	<1	0.07	2	260	20	<5	<20	44	0.09	<10	19	<10	4	45
9	3609	10	1.1	1.47	15	55	<5	0.64	1	5	88	206	2.79	20	0.21	203	4	0.03	<1	250	46	<5	<20	89	0.09	<10	19	<10	<1	267
10	3610	<5	<0.2	1.93	25	25	<5	1.37	1	4	61	49	0.94	20	0.37	488	1	0.03	<1	230	46	<5	<20	118	0.07	<10	18	<10	6	187
11	3611	<5	<0.2	0.98	10	35	<5	0.43	1	4	100	40	1.43	20	0.38	295	6	0.04	3	240	60	10	<20	27	0.06	<10	15	<10	4	163
12	3612	<5	<0.2	1.22	20	35	5	0.64	2	5	65	47	1.40	20	0.39	313	3	0.04	1	240	56	<5	<20	35	0.08	<10	16	<10	4	225
13	3613	<5	<0.2	1.33	10	40	5	1.46	<1	6	79	111	1.47	20	0.39	252	3	0.04	3	230	34	<5	<20	54	0.07	<10	21	<10	8	36
14	3614	10	<0.2	1.18	10	40	10	1.41	<1	6	69	95	1.83	20	0.48	411	4	0.04	3	240	30	<5	<20	50	0.08	<10	23	<10	6	46
15	3615	<5	<0.2	1.65	20	35	<5	1.32	1	5	68	36	1.60	20	0.56	385	3	0.04	2	240	38	5	<20	72	0.08	<10	25	<10	6	345
16	3616	<5	<0.2	0.83	10	50	<5	0.68	<1	5	90	15	1.62	20	0.33	240	2	0.06	2	210	22	<5	<20	29	0.06	<10	22	<10	4	102
17	3617	<5	<0.2	1.30	10	40	<5	0.97	<1	6	68	8	1.68	20	0.46	370	2	0.05	<1	240	30	<5	<20	50	0.09	<10	23	<10	7	40
18	3618	<5	<0.2	1.11	<5	60	<5	0.95	<1	6	77	14	1.68	20	0.45	473	3	0.05	2	230	28	<5	<20	144	0.06	<10	19	<10	5	86
19	3619	65	1.7	0.91	10	70	10	0.54	<1	6	78	34	3.10	10	0.25	291	4	0.07	2	220	96	<5	<20	53	0.07	<10	14	<10	1	117
20	3620	<5	<0.2	1.42	10	30	<5	1.40	<1	6	69	14	1.39	20	0.33	347	2	0.04	2	230	32	<5	<20	81	0.08	<10	16	<10	5	42
21	3621	<5	<0.2	1.26	<5	290	10	1.19	<1	10	51	13	3.55	30	0.44	590	3	0.22	7	1760	40	<5	<20	161	0.17	<10	102	<10	11	74
22	3622	<5	<0.2	1.27	10	50	<5	1.10	<1	7	70	9	1.78	20	0.47	418	3	0.05	3	250	28	10	<20	56	0.09	<10	20	<10	7	22
23	36023	<5	<0.2	1.17	10	35	<5	1.16	<1	4	74	5	1.20	20	0.22	348	1	0.04	1	180	30	<5	<20	68	0.06	<10	12	<10	8	31
24	36024	<5	<0.2	0.99	5	60	<5	0.79	<1	5	81	5	1.92	20	0.24	184	2	0.04	3	220	26	<5	<20	53	0.04	<10	9	<10	4	30
25	36025	25	0.8	0.63	<5	50	<5	0.38	3	7	95	144	3.76	10	0.07	55	5	0.04	2	160	96	<5	<20	40	0.02	<10	5	<10	<1	261

Et #.	Tag #	Fire Assay Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	36026	10	<0.2	0.78	<5	70	<5	0.66	<1	5	94	6	1.72	20	0.19	171	8	0.04	2	250	22	<5	<20	52	0.02	<10	6	<10	3	127
27	36027	<5	<0.2	0.65	<5	45	<5	1.38	<1	6	108	6	1.29	20	0.15	314	1	0.06	2	140	16	<5	<20	50	0.04	<10	8	<10	7	92
28	36028	<5	<0.2	0.91	10	70	<5	0.45	<1	9	105	18	1.78	20	0.38	333	2	0.05	2	250	22	<5	<20	34	0.08	<10	20	<10	9	104
29	36029	15	0.3	1.36	5	65	<5	0.66	<1	6	57	15	2.49	20	0.37	306	4	0.02	2	210	38	<5	<20	60	0.05	<10	10	<10	5	121
30	36030	5	<0.2	0.76	10	55	<5	0.76	<1	5	118	10	1.54	10	0.33	252	2	0.04	3	190	24	<5	<20	34	0.04	<10	11	<10	6	63
31	36031	<5	<0.2	0.77	5	65	<5	0.75	<1	5	100	9	1.47	20	0.36	257	2	0.04	2	190	24	<5	<20	32	0.04	<10	11	<10	6	55
32	36032	<5	<0.2	0.93	20	55	<5	0.83	<1	4	79	6	0.82	<10	0.25	117	<1	0.07	1	260	24	<5	<20	96	0.06	<10	17	<10	2	45
33	36033	5	<0.2	0.99	<5	95	10	0.69	<1	7	105	26	2.44	20	0.42	461	6	0.04	4	250	24	5	<20	40	0.07	<10	20	<10	6	66
34	36034	10	<0.2	1.37	5	115	5	0.66	<1	8	94	10	2.94	<10	0.64	323	4	0.05	3	180	32	<5	<20	54	0.08	<10	18	<10	3	35
35	36035	50	11.8	1.83	<5	60	<5	0.91	<1	9	85	4305	4.47	10	0.67	352	9	0.04	6	370	46	<5	<20	88	0.10	<10	30	<10	4	55
36	36036	5	0.6	1.37	15	220	<5	0.65	<1	4	99	246	1.84	<10	0.50	296	2	0.05	2	140	32	<5	<20	84	0.09	<10	17	<10	4	31
37	36037	5	<0.2	1.22	5	180	<5	0.53	<1	5	109	16	2.35	<10	0.65	265	3	0.06	3	290	28	10	<20	51	0.08	<10	24	<10	3	30
38	36038	<5	<0.2	1.32	<5	260	15	0.62	<1	7	91	59	2.67	10	0.77	363	2	0.07	3	230	30	5	<20	56	0.11	<10	46	<10	5	42
39	36039	10	0.5	1.49	15	250	<5	1.06	<1	7	98	225	2.81	10	0.77	361	49	0.06	3	440	34	<5	<20	75	0.12	<10	41	<10	8	56
40	36040	55	3.2	1.09	5	140	<5	0.25	<1	10	108	1360	2.53	30	0.62	353	4	0.06	3	130	30	<5	<20	<1	0.07	<10	16	<10	7	81
41	36041	5	0.5	1.02	5	165	<5	0.56	3	7	113	272	2.29	20	0.68	423	6	0.07	3	250	28	<5	<20	16	0.06	<10	29	<10	7	400
42	36042	10	0.7	0.82	5	85	<5	0.89	1	7	120	320	1.87	20	0.52	364	37	0.04	11	690	26	<5	<20	18	0.03	<10	16	<10	7	149
43	36043	<5	<0.2	1.34	<5	345	15	1.36	1	11	51	13	3.76	30	0.57	796	4	0.16	8	1850	40	5	<20	150	0.18	<10	107	<10	13	71
44	36044	140	0.8	1.23	10	60	<5	0.53	2	20	111	356	4.38	<10	0.76	316	6	0.03	32	530	38	<5	<20	11	0.03	<10	53	<10	2	168
45	36045	720	2.3	0.59	<5	70	<5	1.95	2	13	29	6911	6.88	<10	0.78	863	11	0.05	16	320	32	25	<20	81	0.05	<10	43	<10	<1	98
46	36046	5	0.2	0.93	15	105	5	2.51	1	10	127	39	2.50	10	0.68	590	9	0.03	30	1160	34	<5	<20	38	0.03	<10	69	<10	6	139
47	36047	<5	<0.2	1.14	10	230	10	1.05	<1	11	126	48	2.51	10	0.77	572	4	0.03	26	650	32	<5	<20	17	0.04	<10	61	<10	7	90
48	36048	<5	0.2	1.13	<5	130	<5	0.89	2	11	165	56	2.61	20	0.77	459	7	0.02	37	700	42	<5	<20	9	0.05	<10	67	<10	9	191
49	36049	<5	0.3	1.61	5	150	<5	1.09	1	14	167	70	3.26	30	1.31	584	6	0.02	50	1360	64	<5	<20	6	0.05	<10	79	<10	8	284
50	36050	<5	0.6	1.61	10	140	<5	1.05	2	15	181	67	3.31	30	1.30	582	6	0.02	51	1360	66	<5	<20	6	0.05	<10	80	<10	8	279
51	36051	<5	<0.2	1.79	5	220	5	2.07	1	15	123	41	3.49	30	1.13	625	5	0.03	31	830	102	10	<20	93	0.10	<10	65	<10	10	189
52	36052	<5	<0.2	1.44	10	460	15	0.83	<1	13	163	24	2.88	30	0.69	530	3	0.03	27	570	36	<5	<20	24	0.15	<10	49	<10	10	78
53	36053	<5	<0.2	1.36	<5	500	10	0.61	<1	20	144	64	3.49	20	0.49	515	3	0.03	41	1230	34	<5	<20	16	0.10	<10	70	<10	7	96
54	36054	<5	<0.2	1.10	5	215	5	0.47	<1	19	144	62	3.19	10	0.40	644	4	0.01	42	1240	28	<5	<20	14	0.06	<10	47	<10	4	101
55	36055	5	<0.2	0.99	15	230	5	2.43	<1	11	167	30	2.60	10	0.44	656	3	0.02	24	630	32	<5	<20	66	0.05	<10	44	<10	5	68
56	36056	5	<0.2	1.15	15	330	<5	2.75	<1	13	158	43	2.86	20	0.50	677	4	0.02	32	730	36	<5	<20	67	0.05	<10	42	<10	6	77
57	36057	<5	<0.2	1.37	10	145	10	1.33	<1	15	146	46	3.17	20	0.63	511	4	0.02	31	640	38	<5	<20	50	0.08	<10	46	<10	8	91
58	36058	<5	0.2	1.86	15	170	5	0.45	<1	17	154	34	3.58	30	0.93	180	4	0.04	47	650	48	<5	<20	23	0.13	<10	67	<10	4	94
59	36059	<5	<0.2	2.02	20	80	15	0.94	<1	20	157	34	3.62	10	1.03	357	4	0.07	26	660	48	10	<20	72	0.14	<10	73	<10	6	67
60	36060	5	<0.2	1.18	5	290	10	1.28	<1	10	52	12	3.53	30	0.50	821	2	0.17	7	1820	34	<5	<20	149	0.18	<10	96	<10	12	65
61	36061	<5	<0.2	1.47	5	190	5	1.36	<1	20	54	51	3.80	<10	1.01	566	3	0.14	6	610	36	<5	<20	30	0.18	<10	135	<10	3	109
62	36062	<5	<0.2	2.16	10	95	30	4.77	<1	24	40	58	4.51	<10	1.05	584	4	0.07	2	1740	44	<5	<20	118	0.19	<10	137	<10	8	91
63	36063	<5	<0.2	1.37	<5	65	15	1.30	<1	14	46	19	3.80	<10	0.70	498	3	0.08	1	1110	32	<5	<20	43	0.15	<10	85	<10	10	77
64	36064	5	<0.2	0.73	<5	65	15	0.64	<1	4	73	7	2.52	10	0.16	333	3	0.05	2	90	18	<5	<20	12	0.09	<10	6	<10	14	96
65	36065	720	2.4	0.61	<5	75	<5	1.97	3	14	29	6963	6.94	<10	0.80	874	11	0.05	18	330	34	30	<20	90	0.05	<10	44	<10	<1	101

Et #.	Tag #	Fire Assay Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	36066	5	<0.2	1.52	20	155	<5	1.48	<1	15	142	33	1.86	<10	1.16	321	2	0.08	16	240	34	10	<20	64	0.10	<10	70	<10	<1	26
67	36067	5	0.2	1.81	<5	60	30	1.92	1	48	42	87	6.86	<10	0.89	458	4	0.12	9	1160	66	<5	<20	84	0.18	<10	193	<10	3	163
68	36068	5	<0.2	1.54	<5	65	35	1.75	<1	31	42	38	5.74	<10	0.83	493	3	0.11	6	1010	32	<5	<20	51	0.22	<10	172	<10	2	64
69	36069	<5	<0.2	0.85	<5	110	10	1.05	<1	7	73	14	3.01	<10	0.30	399	3	0.07	2	390	22	<5	<20	30	0.13	<10	29	<10	8	70
70	36070	5	<0.2	0.90	<5	115	10	1.15	<1	8	74	13	3.14	<10	0.32	440	2	0.07	1	370	24	<5	<20	35	0.14	<10	30	<10	9	74
71	36071	5	<0.2	1.10	<5	150	15	1.01	1	9	78	37	3.43	<10	0.62	448	4	0.08	4	290	28	<5	<20	24	0.12	<10	47	<10	6	124
72	36072	<5	<0.2	1.08	10	120	5	0.77	1	8	80	44	3.34	<10	0.56	423	6	0.06	4	160	26	5	<20	26	0.11	<10	40	<10	7	294
73	36073	15	0.2	0.91	10	165	10	1.24	<1	6	75	20	2.11	<10	0.44	282	3	0.07	2	160	24	<5	<20	45	0.09	<10	38	<10	11	59
74	36074	5	<0.2	1.15	15	240	15	0.53	<1	6	77	20	2.17	<10	0.92	273	6	0.06	4	240	28	10	<20	31	0.09	<10	70	<10	9	66
75	36075	10	<0.2	2.34	<5	65	45	1.16	2	33	71	39	7.64	<10	1.97	512	5	0.05	4	1650	52	5	<20	41	0.22	<10	149	<10	8	63
76	36076	10	<0.2	2.26	<5	60	35	1.88	<1	38	44	58	7.00	<10	1.81	614	4	0.09	4	1260	50	10	<20	72	0.23	<10	192	<10	5	121
77	36077	5	<0.2	2.58	10	80	35	1.78	<1	37	57	42	6.51	<10	1.83	550	3	0.07	5	1300	56	5	<20	96	0.25	<10	172	<10	7	64
78	36078	5	<0.2	1.40	<5	45	30	1.79	1	22	42	55	4.63	<10	1.02	636	4	0.15	3	1350	32	5	<20	42	0.15	<10	113	<10	7	120
79	36079	5	<0.2	2.18	<5	60	20	2.29	1	35	46	92	6.37	<10	1.35	760	5	0.11	5	1290	48	5	<20	95	0.18	<10	133	<10	4	254
80	36080	5	<0.2	1.21	<5	325	20	1.30	<1	12	40	14	3.66	30	0.53	661	3	0.14	7	1830	42	<5	<20	131	0.20	<10	102	<10	12	73
81	36081	<5	<0.2	1.10	10	265	10	1.54	<1	11	36	57	3.58	30	0.51	644	8	0.12	7	1810	38	5	<20	124	0.19	<10	101	<10	11	70
82	36082	5	<0.2	1.35	15	385	10	1.19	<1	11	60	18	3.80	30	0.57	689	4	0.18	8	1830	42	<5	<20	155	0.20	<10	106	<10	12	85
QC DATA:																														
Repeat:																														
1	3601	<5	<0.2	1.38	20	40	<5	0.79	<1	7	78	10	1.59	20	0.32	244	1	0.05	3	270	32	<5	<20	62	0.12	<10	24	<10	7	63
10	3610	<5	<0.2	2.10	20	25	<5	1.47	1	4	68	52	1.01	20	0.40	522	2	0.03	2	250	48	<5	<20	123	0.08	<10	20	<10	7	198
19	3619	70	1.7	0.94	5	75	10	0.54	<1	6	81	34	3.10	20	0.26	293	4	0.07	2	210	96	<5	<20	51	0.07	<10	14	<10	<1	116
35	36035	50																												
36	36036	5	0.5	1.34	20	230	<5	0.64	<1	4	98	241	1.80	<10	0.49	292	2	0.05	2	140	32	<5	<20	90	0.09	<10	17	<10	5	31
40	36040	55																												
44	36044	175																												
54	36054	<5	<0.2	1.13	15	220	10	0.47	<1	19	144	58	3.17	10	0.41	648	5	0.02	41	1220	26	<5	<20	15	0.06	<10	48	<10	5	97
71	36071	10	<0.2	1.11	<5	150	10	1.03	<1	10	81	37	3.47	<10	0.63	459	4	0.08	4	300	28	<5	<20	26	0.13	<10	47	<10	7	128
Resplit:																														
1	3601	<5	<0.2	1.39	20	45	<5	0.79	<1	7	69	11	1.60	30	0.32	246	1	0.05	2	270	34	<5	<20	68	0.11	<10	24	<10	7	63
36	36036	5	0.6	1.37	10	240	<5	0.64	<1	4	92	264	1.86	<10	0.51	303	2	0.05	2	140	32	5	<20	83	0.08	<10	18	<10	4	32
71	36071	5	<0.2	1.11	5	160	15	0.98	<1	10	76	37	3.44	<10	0.63	452	4	0.08	4	280	28	<5	<20	25	0.13	<10	47	<10	6	132
Standard:																														
Pb113			11.0	0.27	50	70	<5	1.69	39	2	6	2284	1.06	<10	0.09	1424	71	0.02	<1	60	5402	10	<20	79	0.02	<10	7	10	<1	7162
Pb113			12.0	0.27	65	65	<5	1.75	40	2	7	2373	1.09	<10	0.10	1476	61	0.02	1	60	5496	20	<20	76	0.02	<10	8	10	<1	7154
Pb113			11.3	0.26	60	70	<5	1.71	39	3	6	2280	1.07	<10	0.10	1442	61	0.02	1	80	5516	20	<20	67	0.02	<10	8	10	<1	7156
SE29		595																												
SE29		570																												
OXD57		405																												

JJ/nl
df/7164S
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

14-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7166

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:28
Sample Type: Core
Project: Lucky Joe
Shipment #: 8
Submitted by: Greg Dawson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36083	15	<0.2	1.51	10	55	5	1.07	<1	12	146	76	4.00	<10	1.12	199	2	0.16	52	480	28	10	<20	46	0.07	<10	60	<10	<1	32
2	36084	<5	<0.2	1.85	5	40	<5	1.73	<1	31	82	104	3.14	<10	1.17	413	3	0.07	37	550	30	15	<20	100	0.09	<10	87	<10	3	25
3	36085	740	2.3	0.48	<5	55	<5	1.93	2	13	28	6938	6.68	<10	0.74	866	9	0.05	18	490	30	30	<20	87	0.06	<10	39	<10	<1	95
4	36086	<5	<0.2	1.39	<5	35	10	0.96	2	26	85	63	4.78	<10	1.10	227	5	0.14	35	1070	24	25	<20	88	0.08	<10	96	<10	<1	21
5	36087	<5	0.2	1.85	<5	35	<5	1.19	1	38	37	135	4.89	<10	1.18	341	4	0.09	21	460	30	15	<20	217	0.10	<10	95	<10	<1	27
6	36088	<5	<0.2	1.09	<5	30	<5	0.72	<1	40	47	121	4.56	<10	0.79	211	4	0.11	14	460	20	5	<20	277	0.07	<10	71	<10	<1	14
7	36089	<5	<0.2	1.66	<5	30	<5	0.93	1	44	69	119	5.41	<10	1.37	271	3	0.10	30	580	26	5	<20	180	0.08	<10	74	<10	<1	26
8	36090	<5	<0.2	1.62	<5	30	15	0.91	1	42	62	112	5.92	<10	1.29	255	3	0.09	33	520	26	15	<20	189	0.08	<10	70	<10	<1	26
9	36091	<5	<0.2	1.38	<5	30	<5	1.31	<1	31	74	70	3.45	<10	0.75	223	6	0.11	35	820	24	5	<20	159	0.08	<10	60	<10	1	13
10	36092	5	<0.2	1.20	<5	25	<5	0.55	1	36	126	69	3.49	<10	1.22	218	6	0.09	63	390	22	10	<20	148	0.05	<10	38	<10	<1	18
11	36093	<5	<0.2	0.93	10	45	<5	0.77	<1	24	121	61	1.82	<10	0.86	168	1	0.10	61	310	16	10	<20	145	0.05	<10	35	<10	1	5
12	36094	15	<0.2	0.78	<5	20	<5	0.77	<1	21	91	79	1.58	<10	0.64	131	<1	0.09	47	410	14	10	<20	45	0.04	<10	27	<10	2	4
13	36095	<5	<0.2	0.90	5	35	<5	0.86	<1	21	84	119	1.57	<10	0.61	110	2	0.09	53	320	16	10	<20	44	0.04	<10	26	<10	1	3
14	36096	<5	<0.2	0.90	<5	45	<5	0.72	<1	28	111	70	1.79	<10	0.80	138	3	0.11	58	320	16	10	<20	74	0.05	<10	32	<10	<1	6
15	36097	<5	<0.2	0.88	<5	50	<5	0.75	<1	23	105	68	1.58	<10	0.77	127	2	0.11	58	310	16	20	<20	60	0.04	<10	32	<10	2	4
16	36098	<5	<0.2	1.12	10	45	<5	0.83	<1	24	105	69	1.73	<10	0.80	104	<1	0.08	61	320	22	15	<20	80	0.05	<10	31	<10	1	5
17	36099	<5	<0.2	1.07	10	20	<5	0.80	<1	24	104	65	1.70	<10	0.80	136	<1	0.09	59	320	20	10	<20	121	0.04	<10	29	<10	1	7
18	36100	<5	<0.2	0.90	5	15	<5	0.68	<1	30	99	82	1.95	<10	0.74	187	1	0.11	60	310	16	5	<20	159	0.03	<10	25	<10	1	8
19	36101	<5	<0.2	1.11	<5	15	<5	0.58	<1	32	116	62	2.57	<10	1.09	205	1	0.10	68	320	20	10	<20	154	0.03	<10	32	<10	<1	11
20	36102	5	<0.2	1.72	<5	40	10	1.33	<1	29	60	146	5.70	<10	1.28	278	4	0.08	26	1270	30	10	<20	159	0.08	<10	101	<10	<1	27
21	36103	<5	<0.2	1.33	<5	35	15	1.21	1	38	41	108	5.52	<10	0.80	326	3	0.12	14	990	26	10	<20	102	0.07	<10	89	<10	<1	38
22	36104	10	<0.2	1.23	<5	20	10	0.96	<1	36	35	63	3.07	<10	1.03	515	2	0.11	15	260	24	15	<20	72	0.04	<10	52	<10	<1	42
23	36105	5	<0.2	1.27	5	30	<5	1.11	<1	22	39	116	2.39	<10	1.05	486	1	0.11	13	220	24	15	<20	120	0.05	<10	55	<10	<1	33
24	36106	5	<0.2	1.48	10	20	5	1.28	<1	32	29	68	2.90	<10	1.14	521	1	0.09	16	170	26	15	<20	119	0.04	<10	50	<10	<1	44
25	36107	<5	<0.2	1.35	<5	30	20	0.79	<1	30	59	90	4.23	<10	1.07	414	2	0.11	19	370	26	10	<20	130	0.06	<10	69	<10	<1	54
26	36108	5	<0.2	1.55	<5	40	10	0.83	2	44	42	57	4.41	<10	1.21	445	5	0.11	21	280	28	25	<20	213	0.05	<10	67	<10	<1	43
27	36109	<5	<0.2	1.40	5	15	<5	1.20	<1	34	40	44	3.22	<10	0.89	410	3	0.14	19	320	28	15	<20	241	0.05	<10	59	<10	<1	30
28	36110	10	<0.2	1.69	10	15	10	1.46	<1	35	35	47	3.44	<10	1.13	443	3	0.13	17	320	32	15	<20	322	0.06	<10	66	<10	<1	41

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	36083	<5	<0.2	1.57	<5	45	<5	1.08	1	12	149	77	4.03	<10	1.16	205	3	0.17	52	470	28	10	<20	43	0.07	<10	61	<10	<1	32
10	36092	<5	<0.2	1.23	<5	30	5	0.57	1	37	129	70	3.57	<10	1.26	227	7	0.09	64	410	22	15	<20	148	0.05	<10	39	<10	<1	19
19	36101	<5	<0.2	1.19	15	15	<5	0.61	<1	34	123	67	2.73	<10	1.17	220	2	0.10	74	340	22	10	<20	161	0.03	<10	34	<10	<1	13
Resplit:																														
1	36083	10	<0.2	1.57	10	50	5	1.15	1	12	145	74	3.86	<10	1.13	197	3	0.14	53	460	28	15	<20	44	0.07	<10	63	<10	<1	32
Standard:																														
Pb113			11.4	0.22	45	60	<5	1.67	36	2	5	2390	1.01	<10	0.09	1391	67	0.02	2	80	5484	25	<20	77	<0.01	<10	6	10	<1	6978
SE29		600																												
OXD57		415																												

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/nl
df/7165S
XLS/07

14-Aug-07

ECO TECH LABORATORY LTD.
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7165

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:48
Sample Type: Core/Rock
Project: Lucky Joe
Shipment #: 9
Submitted by: Greg Dawson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	400176	10	0.4	0.66	<5	85	<5	0.27	2	14	59	273	1.33	<10	0.48	657	5	0.07	8	420	18	10	<20	17	0.06	<10	35	<10	4	256
2	400177	5	0.4	0.78	<5	110	<5	0.23	1	7	78	305	1.74	<10	0.52	384	29	0.07	6	390	30	5	<20	13	0.08	<10	44	<10	5	160
3	400178	10	0.7	0.64	<5	70	<5	0.09	<1	8	77	328	1.67	<10	0.40	323	24	0.07	4	300	22	5	<20	5	0.06	<10	36	<10	3	121
4	400179	10	<0.2	0.54	5	90	<5	0.12	<1	3	77	163	1.10	<10	0.30	204	4	0.08	4	280	16	<5	<20	26	0.05	<10	19	<10	2	84
5	400180	<5	<0.2	0.81	5	175	<5	0.19	1	9	71	959	1.72	<10	0.52	287	3	0.08	8	500	20	5	<20	30	0.09	<10	36	<10	3	187
6	400181	20	1.0	0.59	5	100	<5	0.09	<1	6	88	414	1.59	<10	0.32	245	8	0.08	5	220	26	<5	<20	9	0.04	<10	19	<10	5	77
7	400182	5	0.4	0.45	<5	65	<5	0.09	<1	3	76	193	1.00	<10	0.23	176	4	0.06	3	170	16	<5	<20	5	0.02	<10	12	<10	4	65
8	400183	15	3.3	0.74	5	60	<5	0.11	<1	24	86	1203	2.53	<10	0.36	262	20	0.06	8	320	24	<5	<20	29	0.05	<10	25	<10	<1	86
9	400184	35	6.3	0.82	<5	45	<5	0.05	1	32	86	3309	4.40	<10	0.46	313	17	0.04	10	220	30	<5	<20	<1	0.04	<10	15	<10	<1	124
10	400185	5	<0.2	0.98	<5	250	<5	1.09	<1	9	46	34	3.47	20	0.44	750	1	0.14	7	1770	28	<5	<20	122	0.11	<10	91	<10	7	66
11	400186	25	0.9	0.70	<5	55	<5	0.08	1	10	79	959	2.60	<10	0.45	337	11	0.04	6	260	30	10	<20	<1	0.03	<10	18	<10	2	96
12	400187	60	1.0	0.78	<5	55	<5	0.14	<1	12	75	1048	3.07	<10	0.48	367	9	0.05	6	550	32	5	<20	1	0.03	<10	21	<10	3	108
13	400188	15	0.4	0.47	<5	55	<5	0.21	<1	14	80	437	2.11	<10	0.23	256	6	0.04	4	180	16	<5	<20	2	0.03	<10	7	<10	4	63
14	400189	725	2.2	0.47	<5	50	<5	1.92	2	13	28	6944	6.66	<10	0.72	854	9	0.05	18	410	32	30	<20	79	0.05	<10	38	<10	<1	98
15	400190	120	1.2	0.80	20	45	<5	0.16	7	23	82	2189	3.69	10	0.41	450	39	0.03	24	180	28	5	<20	<1	0.02	<10	9	<10	12	289
16	400191	210	5.3	1.05	40	65	<5	0.33	<1	17	91	2840	3.74	10	0.60	227	15	0.03	38	2140	54	5	<20	9	0.03	<10	68	<10	8	128
17	400192	70	1.6	1.28	10	80	<5	0.07	<1	13	87	800	3.29	<10	0.94	290	3	0.05	15	610	34	10	<20	9	0.06	<10	76	<10	2	62
18	400193	75	<0.2	1.50	30	140	<5	0.31	<1	21	116	2747	3.01	<10	1.24	326	5	0.04	48	630	34	10	<20	3	0.07	<10	76	<10	4	151
19	400194	5	<0.2	0.52	<5	85	<5	0.50	<1	6	91	171	0.98	<10	0.30	157	<1	0.08	7	410	14	<5	<20	37	0.03	<10	21	<10	<1	72
20	400195	<5	<0.2	0.75	<5	100	<5	0.63	<1	7	87	20	1.73	10	0.55	342	3	0.04	7	430	16	5	<20	14	0.05	<10	25	<10	3	37
21	400196	5	0.2	1.15	10	195	<5	0.57	<1	14	100	73	2.69	<10	0.90	621	4	0.03	29	790	26	10	<20	19	0.09	<10	44	<10	<1	73
22	400197	<5	0.2	1.26	10	175	<5	0.31	3	16	139	85	2.45	<10	0.94	397	7	0.04	42	580	46	15	<20	47	0.08	<10	67	<10	<1	243
23	400198	5	0.2	0.73	10	75	<5	1.28	<1	9	90	34	1.98	<10	0.68	324	2	0.04	25	600	18	5	<20	34	0.03	<10	54	<10	<1	94
24	400199	<5	0.2	1.29	5	100	15	0.91	<1	28	100	22	3.52	<10	1.11	463	2	0.07	18	860	26	10	<20	24	0.14	<10	88	<10	<1	56
25	400200	5	<0.2	1.18	<5	210	15	1.41	<1	16	44	35	3.95	<10	0.80	433	2	0.13	4	1670	22	10	<20	20	0.09	<10	113	<10	3	75

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	400201	10	<0.2	1.06	<5	270	15	1.10	<1	15	96	15	2.46	<10	1.00	432	1	0.10	5	570	22	10	<20	26	0.10	<10	84	<10	<1	39
27	400202	5	<0.2	1.05	<5	50	15	0.97	1	33	46	47	4.56	<10	0.68	281	2	0.13	10	1200	20	10	<20	23	0.11	<10	151	<10	<1	40
28	400203	5	0.2	0.90	<5	105	10	0.71	1	9	64	15	3.57	<10	0.41	442	4	0.05	4	190	22	5	<20	9	0.08	<10	40	<10	8	91
29	400204	5	<0.2	0.54	10	155	<5	0.42	<1	4	63	16	1.06	<10	0.48	83	2	0.06	3	300	12	<5	<20	5	0.04	<10	51	<10	2	11
30	400205	<5	<0.2	1.00	<5	275	5	1.04	<1	9	53	14	3.56	20	0.41	1088	3	0.16	9	1760	28	<5	<20	139	0.12	<10	91	<10	8	60
31	400206	30	<0.2	0.77	5	130	10	0.20	<1	4	82	23	2.01	<10	0.41	273	6	0.06	4	210	16	5	<20	15	0.06	<10	14	<10	<1	87
32	400207	10	<0.2	0.70	<5	120	<5	0.14	<1	3	86	22	1.93	<10	0.37	246	4	0.06	2	190	16	<5	<20	13	0.06	<10	9	<10	<1	84
33	400208	15	0.2	1.66	<5	55	20	1.06	2	27	56	45	5.04	<10	1.38	416	9	0.10	9	1340	30	25	<20	37	0.11	<10	139	<10	<1	51
34	400209	740	2.3	0.49	<5	50	<5	1.95	2	13	29	6968	6.76	<10	0.73	867	9	0.05	18	400	30	35	<20	84	0.06	<10	39	<10	<1	98
35	400210	10	0.2	2.00	<5	45	20	1.93	2	37	42	42	5.83	<10	1.55	524	5	0.06	7	1260	36	15	<20	76	0.13	<10	139	<10	2	115
36	400211	<5	0.2	1.71	<5	40	10	0.80	1	26	57	51	5.18	<10	1.35	483	4	0.09	4	970	30	10	<20	34	0.10	<10	119	<10	<1	71
37	400212	<5	0.2	1.58	<5	30	10	1.28	1	32	41	41	4.78	<10	1.05	450	3	0.11	6	1310	30	15	<20	54	0.09	<10	86	<10	<1	76
38	400213	<5	<0.2	0.47	<5	15	10	0.66	<1	9	126	8	1.73	<10	0.20	140	6	0.02	4	220	8	<5	<20	41	0.04	<10	16	<10	<1	18
39	400214	<5	<0.2	1.36	<5	35	5	1.39	<1	25	39	62	4.30	<10	0.88	483	1	0.13	4	1290	26	10	<20	40	0.10	<10	102	<10	<1	86
40	400215	<5	<0.2	1.47	10	25	10	1.51	<1	23	31	36	3.34	<10	0.49	319	1	0.11	5	1320	30	5	<20	90	0.10	<10	88	<10	<1	46
41	400216	5	<0.2	1.65	5	20	<5	1.38	<1	16	18	36	3.11	<10	0.48	294	2	0.06	4	1240	34	5	<20	119	0.07	<10	55	<10	<1	63
42	400217	<5	<0.2	0.63	<5	20	15	0.51	1	32	106	31	5.27	<10	0.27	148	4	0.02	5	510	12	<5	<20	31	0.07	<10	16	<10	<1	34
43	400218	<5	<0.2	1.85	<5	45	10	1.56	2	18	43	28	4.96	<10	1.20	634	5	0.08	6	2310	30	25	<20	78	0.10	<10	55	<10	<1	93
44	400219	<5	<0.2	1.45	<5	50	10	1.04	<1	28	37	42	4.26	<10	1.05	450	1	0.12	2	1230	26	5	<20	113	0.09	<10	89	<10	1	76
45	400220	<5	<0.2	1.33	<5	40	15	0.96	<1	23	48	41	4.63	<10	0.97	374	3	0.10	5	1370	22	15	<20	39	0.09	<10	71	<10	<1	64
46	400221	<5	<0.2	1.02	<5	40	5	0.74	<1	28	87	48	4.04	<10	0.69	403	2	0.10	7	450	18	5	<20	40	0.08	<10	101	<10	<1	65
47	400222	5	<0.2	1.39	<5	30	15	1.39	<1	30	38	18	3.47	<10	0.98	363	2	0.10	11	330	24	5	<20	113	0.06	<10	76	<10	<1	25
48	400223	<5	0.2	1.61	<5	45	<5	0.57	1	50	51	200	5.30	<10	1.56	401	5	0.10	19	280	26	10	<20	22	0.09	<10	81	<10	<1	92
QC DATA:																														
Repeat:																														
1	400176	10	0.4	0.67	<5	90	<5	0.28	2	14	60	280	1.37	<10	0.49	674	4	0.07	8	430	20	5	<20	17	0.07	<10	36	<10	4	263
19	400194	5	<0.2	0.53	5	85	<5	0.51	<1	6	94	168	0.98	<10	0.30	157	<1	0.08	8	410	14	<5	<20	40	0.04	<10	21	<10	<1	71
36	400211	<5	0.3	1.76	<5	50	10	0.83	1	26	56	52	5.17	<10	1.40	499	4	0.11	6	950	32	15	<20	35	0.10	<10	122	<10	<1	71
Resplit:																														
1	400176	10	0.4	0.71	5	95	<5	0.30	2	15	78	292	1.45	<10	0.50	694	3	0.07	10	450	22	10	<20	19	0.07	<10	38	<10	4	279
36	400211	5	0.2	1.78	<5	45	10	0.79	1	23	64	54	5.00	<10	1.43	511	6	0.09	5	980	30	20	<20	34	0.09	<10	121	<10	<1	73
Standard:																														
Pb113			11.4	0.19	60	45	<5	1.68	35	2	5	2355	1.01	<10	0.08	1393	78	0.02	2	70	5480	15	<20	75	0.01	<10	6	10	<1	7137
Pb113			11.6	0.21	60	50	<5	1.73	37	2	6	2499	1.05	<10	0.09	1446	79	0.02	2	80	5344	20	<20	73	0.02	<10	6	10	<1	7125
SE29		610																												
SE29		595																												

JJ/nl
df/7165S
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

23-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2007- 7167

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received: 27
Sample Type: Core
Project: Lucky Joe
Shipment #: 10
Submitted by: Greg Dawson

Values in ppm unless otherwise reported

Et #.	Tag #	Fire Assay Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36111	10	0.2	1.92	10	30	<5	0.60	<1	9	48	32	4.34	20	0.80	371	1	0.09	7	590	18	<5	<20	65	0.08	<10	106	<10	12	67
2	36112	5	<0.2	1.47	10	20	<5	0.40	<1	4	74	17	2.47	<10	0.37	146	<1	0.04	2	190	14	<5	<20	30	0.05	<10	21	<10	5	39
3	36113	5	<0.2	2.17	15	50	<5	0.83	<1	11	32	29	4.82	<10	0.87	403	<1	0.14	1	850	20	<5	<20	51	0.12	<10	105	<10	12	87
4	36114	10	<0.2	0.98	5	135	<5	0.44	<1	7	55	5	0.68	<10	0.12	68	<1	0.05	2	120	8	<5	<20	43	0.03	<10	6	<10	3	38
5	36115	10	<0.2	0.94	5	105	<5	0.40	<1	48	57	12	1.25	10	0.68	800	<1	0.07	10	370	8	<5	<20	14	0.16	<10	88	<10	40	60
6	36116	5	0.2	1.20	10	60	<5	0.14	<1	10	69	57	4.35	<10	0.55	274	1	0.05	3	70	10	<5	<20	6	0.05	<10	2	<10	11	95
7	36117	5	<0.2	0.65	5	190	<5	0.22	<1	6	82	14	2.74	10	0.29	292	2	0.08	7	80	8	<5	<20	9	0.08	<10	4	<10	23	76
8	36118	10	0.2	0.69	5	45	<5	0.32	<1	19	72	37	2.88	10	0.42	209	2	0.08	8	120	8	<5	<20	11	0.09	<10	33	<10	23	42
9	36119	5	0.2	1.09	10	110	<5	0.47	<1	13	64	27	3.79	<10	0.51	568	2	0.09	4	150	10	<5	<20	13	0.13	<10	50	<10	15	84
10	36120	10	0.2	0.76	5	120	<5	0.47	<1	4	85	26	2.84	<10	0.24	334	2	0.07	4	90	8	<5	<20	17	0.08	<10	7	<10	15	51
11	36121	725	2.4	0.60	20	50	<5	1.89	1	9	28	6825	6.64	<10	0.82	858	6	0.06	12	560	28	25	<20	74	0.04	<10	36	<10	2	91
12	36122	30	<0.2	1.19	10	220	<5	1.28	<1	10	37	18	3.55	30	0.59	536	<1	0.14	14	1800	22	<5	<20	129	0.15	<10	87	<10	14	70
13	36123	10	<0.2	0.81	5	55	<5	1.20	<1	7	89	8	2.14	<10	0.42	304	3	0.09	3	500	10	<5	<20	75	0.06	<10	42	<10	8	10
14	36124	5	0.2	0.99	5	70	<5	0.64	<1	5	55	22	2.99	<10	0.42	483	<1	0.06	2	110	14	<5	<20	25	0.10	<10	19	<10	11	162
15	36125	<5	<0.2	1.75	10	200	<5	0.26	<1	10	76	28	3.82	<10	1.37	283	2	0.06	1	250	14	<5	<20	14	0.12	<10	52	<10	4	52
16	36126	5	<0.2	2.25	15	585	<5	0.67	<1	7	56	17	3.40	<10	1.25	266	<1	0.05	2	90	18	<5	<20	63	0.12	<10	30	<10	6	61
17	36127	5	<0.2	1.09	10	290	<5	0.67	<1	3	123	13	1.90	10	0.25	191	5	0.10	7	110	14	<5	<20	70	0.05	<10	2	<10	11	25
18	36128	5	<0.2	2.33	15	720	<5	0.47	<1	5	71	7	3.81	10	1.41	292	<1	0.06	3	70	18	<5	<20	37	0.10	<10	1	<10	8	80
19	36129	15	<0.2	0.93	5	375	<5	0.39	<1	2	116	3	1.72	10	0.25	183	5	0.10	7	110	14	<5	<20	55	0.05	<10	1	<10	11	27
20	36130	15	<0.2	2.34	15	125	<5	0.43	<1	19	64	74	5.97	<10	1.77	463	2	0.06	2	190	22	<5	<20	28	0.15	<10	159	<10	6	218
21	36131	<5	<0.2	1.24	10	140	<5	0.40	<1	7	104	45	3.40	<10	0.71	336	5	0.09	4	90	12	<5	<20	26	0.09	<10	34	<10	8	51
22	36132	15	<0.2	1.16	5	160	<5	0.20	<1	4	78	23	3.28	<10	0.76	291	1	0.08	3	60	10	<5	<20	15	0.09	<10	2	<10	7	37
23	36133	10	<0.2	1.60	10	150	<5	0.48	<1	6	86	13	2.77	<10	0.92	429	4	0.07	4	120	12	<5	<20	37	0.12	<10	24	<10	8	69
24	36134	5	<0.2	1.36	10	75	<5	0.53	<1	9	63	20	2.98	<10	0.99	269	<1	0.08	4	310	10	<5	<20	31	0.13	<10	40	<10	7	49
25	36135	5	0.2	1.86	10	90	<5	1.18	<1	14	74	58	4.27	<10	1.36	624	3	0.09	4	230	16	<5	<20	41	0.16	<10	82	<10	11	288
26	36136	5	<0.2	1.52	10	175	<5	0.33	<1	8	81	38	3.83	<10	1.36	456	<1	0.07	3	60	12	<5	<20	22	0.11	<10	24	<10	7	64
27	36137	10	<0.2	1.92	10	85	10	0.23	<1	21	71	51	5.98	<10	1.87	627	3	0.06	2	130	16	<5	<20	19	0.13	<10	130	<10	7	75

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AW 2007- 7167** **Copper Ridge Exploration Inc,**

Et #.	Tag #	Fire Assay Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	36111	10	<0.2	2.08	15	30	<5	0.64	<1	10	51	33	4.46	20	0.83	410	1	0.10	7	610	18	<5	<20	66	0.09	<10	111	<10	12	71
10	36120	10	0.4	0.71	<5	130	<5	0.44	<1	4	81	26	2.84	<10	0.24	325	2	0.07	4	80	8	<5	<20	17	0.07	<10	8	<10	16	47
19	36129	<5																												
Resplit:																														
1	36111	5	<0.2	2.00	15	30	<5	0.56	<1	10	41	33	4.49	20	0.83	391	1	0.09	7	610	18	<5	<20	67	0.09	<10	112	<10	13	70
Standard:																														
Pb113			11.4	0.25	55	50	<5	1.65	35	2	<1	2216	1.07	<10	0.11	1420	53	0.02	1	80	5412	10	<20	82	0.01	<10	5	<10	1	6992
OXD57		415																												

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/bp
df/n5496
XLS/07

23-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7232

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received: 41
Sample Type: Core
Project: Lucky Joe
Shipment #: 11
Submitted by: Ryan Coe

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36138	<5	<0.2	1.26	15	125	<5	0.28	<1	4	69	33	2.33	10	0.51	412	6	0.04	3	240	24	<5	<20	14	0.08	<10	26	<10	7	75
2	36139	5	<0.2	1.39	25	125	<5	0.38	1	5	87	31	2.00	10	0.57	277	4	0.05	4	240	36	10	<20	58	0.07	<10	19	10	5	71
3	36140	145	7.2	0.56	25	120	<5	0.02	<1	7	87	1026	2.31	30	0.20	95	6	0.04	4	30	14	<5	<20	<1	0.01	<10	10	<10	<1	75
4	36141	715	2.4	0.67	5	50	<5	2.04	3	14	29	6910	6.71	<10	0.91	904	11	0.06	18	320	32	25	<20	89	0.06	<10	49	<10	<1	116
5	36142	<5	<0.2	1.45	25	345	20	1.31	<1	11	46	21	3.72	30	0.63	690	4	0.17	9	1760	40	5	<20	156	0.20	<10	110	<10	12	89
6	36143	110	4.6	0.78	15	65	<5	0.12	1	22	125	3614	3.17	20	0.38	316	50	0.04	7	90	22	<5	<20	<1	0.01	<10	14	10	5	181
7	36144	115	1.8	0.64	20	85	<5	0.08	<1	8	121	816	1.83	<10	0.37	221	21	0.06	5	120	20	<5	<20	<1	0.02	<10	14	<10	3	102
8	36145	330	8.8	0.90	20	65	<5	0.12	1	27	136	2160	3.80	20	0.44	289	16	0.06	10	<10	22	5	<20	<1	0.02	<10	18	<10	<1	140
9	36146	55	1.3	1.67	<5	65	<5	0.09	1	18	95	2026	4.69	20	1.09	689	17	0.03	11	80	34	5	<20	<1	0.03	<10	27	<10	5	231
10	36147	45	1.3	0.77	15	75	<5	0.07	<1	17	110	1299	2.04	20	0.46	323	11	0.04	8	170	24	<5	<20	2	0.02	<10	10	10	5	115
11	36148	40	1.0	1.20	10	50	<5	0.03	2	28	83	1892	3.78	10	0.75	440	7	0.02	7	<10	20	5	<20	<1	0.02	<10	5	<10	<1	148
12	36149	25	1.2	1.35	5	80	60	0.36	3	16	135	1323	3.16	20	1.18	566	8	0.04	14	120	38	5	<20	9	0.06	<10	47	<10	12	177
13	36150	10	0.3	1.51	<5	110	<5	0.12	2	14	86	700	3.41	10	1.19	549	6	0.03	11	210	28	5	<20	7	0.06	<10	31	<10	6	141
14	36151	10	0.3	1.55	<5	110	<5	0.11	2	13	105	634	3.47	10	1.20	562	7	0.04	12	190	28	<5	<20	4	0.06	<10	31	<10	5	140
15	36152	<5	0.5	0.76	<5	85	<5	0.23	1	9	101	788	1.50	20	0.53	287	48	0.04	7	160	18	<5	<20	3	0.02	<10	8	<10	8	99
16	36153	15	0.8	0.62	<5	75	<5	0.46	1	10	107	415	1.19	20	0.46	384	9	0.04	8	150	18	<5	<20	7	0.02	<10	7	<10	4	92
17	36154	15	0.6	1.24	<5	60	<5	0.24	2	10	152	285	3.06	<10	0.88	558	11	0.04	10	190	28	10	<20	9	0.02	<10	13	<10	2	306
18	36155	55	0.4	1.34	<5	115	<5	0.29	3	11	114	297	2.17	<10	1.28	572	9	0.06	11	240	26	10	<20	7	0.05	<10	58	<10	4	160
19	36156	25	0.6	1.02	<5	85	<5	0.23	2	7	110	543	2.29	<10	0.71	360	28	0.03	9	400	22	10	<20	10	0.03	<10	17	<10	4	76
20	36157	20	1.2	0.78	<5	55	<5	0.27	1	18	109	1254	2.48	<10	0.44	479	121	0.02	22	140	18	<5	<20	14	0.02	<10	10	<10	3	156
21	36158	25	2.5	1.60	<5	50	<5	2.89	5	29	132	1329	5.18	<10	1.58	811	17	0.03	64	730	34	10	<20	41	0.05	<10	89	<10	8	308
22	36159	90	17.2	1.30	<5	50	<5	1.37	3	29	164	8361	4.10	<10	1.21	590	21	0.03	43	700	34	5	<20	21	<0.01	<10	55	<10	6	279
23	36160	30	1.2	1.08	10	40	<5	2.12	3	23	154	1048	3.48	10	1.00	614	15	0.02	58	1520	26	10	<20	32	0.03	<10	59	<10	10	209
24	36161	705	2.5	0.62	15	70	<5	1.84	2	15	29	6903	6.52	<10	0.88	837	12	0.05	17	250	40	25	<20	98	0.09	<10	44	20	6	104
25	36162	5	<0.2	1.34	<5	305	25	1.37	<1	11	63	28	3.50	30	0.59	743	4	0.18	8	1670	34	<5	<20	169	0.20	<10	100	<10	14	60

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	36163	570	3.1	4.88	<5	125	<5	4.23	5	55	232	3136	8.89	110	5.60	1691	12	0.03	155	590	68	15	<20	52	0.18	<10	122	<10	<1	317
27	36164	25	1.1	1.98	65	50	<5	0.50	5	31	234	889	4.19	40	1.68	664	20	0.03	57	1050	48	<5	<20	<1	0.07	<10	67	<10	7	204
28	36165	50	3.0	0.79	475	45	<5	0.75	8	21	124	1778	2.76	30	0.46	227	26	<0.01	67	3440	36	<5	<20	11	0.01	<10	46	<10	10	94
29	36166	325	5.3	1.38	150	70	<5	0.39	7	46	141	2298	4.72	40	0.73	258	26	0.03	88	1620	106	15	<20	<1	0.05	<10	85	<10	9	313
30	36167	>1000	5.3	0.39	<5	70	<5	0.06	2	18	98	3891	1.44	<10	0.16	99	4	0.06	16	<10	28	<5	<20	18	<0.01	<10	8	<10	2	95
31	36168	70	0.6	1.76	<5	75	<5	0.17	2	25	145	514	4.17	<10	1.35	457	9	0.08	28	560	36	5	<20	<1	0.12	<10	96	<10	4	132
32	36169	<5	<0.2	0.91	<5	180	5	0.34	<1	12	175	58	1.49	<10	0.72	292	29	0.03	24	680	22	10	<20	17	0.07	<10	50	<10	5	82
33	36170	5	<0.2	0.98	<5	135	10	1.89	<1	10	62	31	2.11	10	1.17	502	4	0.05	13	880	18	10	<20	47	0.15	<10	29	<10	5	40
34	36171	20	0.2	0.64	<5	85	<5	1.29	1	7	137	62	1.60	<10	0.52	476	5	0.04	22	560	26	<5	<20	50	0.05	<10	33	<10	4	99
35	36172	10	0.2	0.90	<5	75	<5	0.93	2	17	93	53	3.32	30	0.56	724	10	0.01	39	640	26	5	<20	23	0.02	<10	29	<10	8	129
36	36173	5	0.3	0.69	<5	100	5	0.69	1	12	122	36	3.04	30	0.60	688	5	0.01	28	480	22	<5	<20	37	0.02	<10	17	<10	9	82
37	36174	10	0.3	1.29	<5	190	<5	0.61	2	15	136	42	2.85	30	0.78	448	6	0.02	31	530	46	10	<20	14	0.11	<10	36	<10	8	219
38	36175	5	0.2	0.98	<5	80	<5	1.58	<1	13	174	40	2.76	30	0.61	631	8	0.02	31	460	24	<5	<20	75	0.04	<10	24	<10	10	84
39	36176	5	0.2	1.47	<5	210	15	0.97	2	15	115	33	2.89	30	0.80	472	7	0.02	32	550	32	15	<20	39	0.13	<10	45	<10	11	81
40	36177	10	0.2	1.12	<5	405	<5	0.86	1	13	166	39	2.60	10	0.54	575	8	0.02	30	830	22	<5	<20	36	0.11	<10	49	<10	6	75
41	36178	5	0.3	1.22	15	155	<5	0.76	<1	18	125	59	3.22	20	0.58	708	7	0.01	40	940	24	<5	<20	29	0.06	<10	48	<10	7	105
QC DATA:																														
Repeat:																														
1	36138	10	<0.2	1.24	20	115	<5	0.28	<1	5	65	36	2.25	10	0.52	402	5	0.04	3	240	22	5	<20	17	0.07	<10	26	10	7	74
8	36145	380																												
10	36147	45	1.2	0.70	<5	80	<5	0.07	2	16	101	1271	1.86	10	0.44	296	12	0.04	8	150	24	<5	<20	3	0.02	<10	8	<10	5	101
19	36156	30	0.6	1.00	10	85	<5	0.23	1	7	109	523	2.29	<10	0.69	357	27	0.03	9	400	22	<5	<20	10	0.03	<10	17	<10	4	78
29	36166	360																												
36	36173	5	0.2	0.73	<5	110	<5	0.70	1	12	127	37	3.07	30	0.61	696	6	0.01	29	490	22	<5	<20	37	0.02	<10	18	<10	10	83
Resplit:																														
1	36138	5	<0.2	1.29	<5	120	<5	0.25	<1	4	69	31	2.36	10	0.47	419	4	0.03	3	210	22	<5	<20	14	0.08	<10	26	<10	6	68
36	36173	<5	0.3	0.77	<5	105	5	0.68	1	13	124	39	3.10	30	0.60	671	7	0.01	30	510	24	<5	<20	39	0.02	<10	19	<10	10	94
Standard:																														
Pb113			11.8	0.26	35	55	<5	1.58	35	2	6	2299	0.99	<10	0.12	1551	65	0.02	2	80	5590	20	<20	73	0.01	<10	8	10	<1	6938
Pb113			11.8	0.27	35	65	<5	1.61	34	3	5	2357	1.01	<10	0.12	1575	65	0.02	2	80	5672	20	<20	81	0.01	<10	8	10	<1	6986
SE29		595																												
SE29		605																												

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CERTIFICATE OF ASSAY AW 2007-7232

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

29-Aug-07

No. of samples received: 41
Sample Type: Core
Project: Lucky Joe
Shipment #: 11
Submitted by: Ryan Coe

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
3	36140			0.11
4	36141			0.69
6	36143			0.35
8	36145			0.21
9	36146			0.20
10	36147			0.13
11	36148			0.18
12	36149			0.13
20	36157			0.13
21	36158			0.14
22	36159			0.82
23	36160			0.11
24	36161	0.72	0.021	0.68
26	36163	0.56	0.016	0.32
28	36165			0.19
29	36166			0.24
30	36167	0.94	0.027	0.40
QC DATA:				
Repeats:				
3	36140			0.11
Standard:				
Oxi54		1.88	0.055	
Cu120				1.51

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21-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2007- 7231

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:30
Sample Type: Core
Project: Lucky Joe
Shipment #: 12
Submitted by: Ryan Coe

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36179	50	1.6	1.25	10	140	<5	0.15	<1	4	96	526	3.27	30	0.65	202	71	0.05	11	290	22	<5	<20	36	0.05	<10	28	<10	4	69
2	36180	110	2.4	2.93	20	410	<5	0.77	2	28	85	2813	5.44	20	2.82	463	34	0.04	74	1570	30	<5	<20	30	0.19	<10	98	<10	11	211
3	36181	735	2.3	0.60	25	55	<5	1.88	1	10	29	6883	6.65	<10	0.84	885	6	0.06	22	580	36	20	<20	74	0.04	<10	38	<10	2	90
4	36182	<5	0.2	1.19	10	270	<5	1.20	<1	9	46	23	3.75	30	0.59	570	1	0.13	14	1760	22	<5	<20	112	0.14	<10	90	<10	15	67
5	36183	560	5.6	1.89	15	125	<5	0.31	<1	19	103	3157	4.92	40	1.14	281	5	0.04	46	1250	34	<5	<20	43	0.10	<10	89	<10	10	121
6	36184	60	1.3	2.02	10	270	<5	0.25	2	68	103	>10000	4.47	70	1.47	549	2	0.05	126	700	34	<5	<20	9	0.10	<10	98	<10	26	291
7	36185	>1000	4.3	2.30	15	180	<5	0.29	2	42	114	6407	4.87	20	1.70	507	2	0.05	45	710	28	<5	<20	57	0.12	<10	104	<10	12	125
8	36186	35	0.4	2.27	15	440	<5	1.41	1	20	106	714	3.85	20	1.61	660	2	0.05	35	600	20	<5	<20	58	0.13	<10	86	<10	13	109
9	36187	20	0.2	2.41	15	305	<5	3.12	<1	27	54	77	4.91	<10	1.81	692	1	0.08	41	1410	18	<5	<20	119	0.10	<10	101	<10	15	49
10	36188	<5	0.2	1.88	10	170	<5	1.11	<1	18	109	39	3.65	40	1.00	441	<1	0.05	46	590	20	<5	<20	35	0.14	<10	47	<10	14	89
11	36189	5	0.6	1.27	10	315	<5	0.28	1	5	112	52	2.76	20	0.80	224	6	0.02	33	910	16	<5	<20	28	0.06	<10	104	<10	11	122
12	36190	<5	0.2	0.96	5	90	<5	0.85	<1	5	94	13	2.00	20	0.31	384	2	0.06	8	210	10	<5	<20	25	0.10	<10	17	<10	8	43
13	36191	<5	0.3	0.95	5	85	<5	0.90	<1	5	86	13	2.01	20	0.32	365	2	0.06	8	210	10	<5	<20	25	0.10	<10	17	<10	8	44
14	36192	<5	0.2	2.46	15	65	<5	2.70	<1	16	28	23	3.63	<10	0.89	419	<1	0.11	<1	1540	18	<5	<20	94	0.15	<10	100	<10	9	42
15	36193	<5	<0.2	1.10	5	75	<5	1.14	<1	6	89	8	2.97	10	0.35	444	<1	0.06	5	130	10	<5	<20	28	0.11	<10	11	<10	16	88
16	36194	10	0.2	1.47	10	145	<5	0.99	<1	6	71	10	0.97	20	0.87	160	6	0.04	8	370	10	<5	<20	48	0.09	<10	88	<10	12	22
17	36195	5	<0.2	1.70	10	170	<5	0.42	<1	9	80	43	4.05	<10	1.27	399	1	0.05	3	160	14	<5	<20	21	0.11	<10	56	<10	6	102
18	36196	<5	0.2	1.67	10	145	<5	0.97	3	9	82	69	3.88	<10	0.87	468	1	0.06	3	120	16	<5	<20	40	0.12	<10	38	<10	9	336
19	36197	<5	<0.2	1.67	10	125	<5	1.20	<1	10	75	10	3.28	<10	0.95	642	<1	0.05	2	250	14	<5	<20	47	0.16	<10	41	<10	8	78
20	36198	<5	<0.2	2.44	15	40	<5	1.99	<1	33	40	58	5.94	<10	1.63	660	1	0.10	1	1140	20	<5	<20	70	0.14	<10	136	<10	9	89
21	36199	10	0.2	2.39	15	30	<5	2.37	<1	21	136	63	2.41	<10	1.27	345	<1	0.11	52	390	18	<5	<20	107	0.08	<10	45	<10	7	22
22	36200	<5	<0.2	1.79	10	60	<5	1.54	<1	2	108	12	0.74	<10	0.19	110	<1	0.14	3	220	26	<5	<20	144	0.03	<10	17	<10	2	45
23	36201	715	2.2	0.57	20	55	<5	1.88	1	9	30	6874	6.70	<10	0.86	839	6	0.05	22	560	36	25	<20	69	0.03	<10	36	<10	2	93
24	36202	<5	0.2	1.20	10	225	<5	1.55	<1	9	44	24	3.66	30	0.54	711	1	0.13	14	1820	24	<5	<20	131	0.14	<10	89	<10	16	58
25	36203	<5	<0.2	3.04	20	115	<5	2.24	<1	15	46	45	3.43	<10	1.16	530	<1	0.08	6	840	32	<5	<20	271	0.20	<10	79	<10	6	88
26	36204	<5	<0.2	2.00	15	130	<5	1.69	<1	11	58	26	4.13	<10	0.84	752	<1	0.07	2	850	16	<5	<20	112	0.19	<10	52	<10	9	79
27	36205	<5	0.2	2.49	15	265	<5	2.12	<1	23	60	83	4.01	<10	1.86	801	<1	0.07	5	2360	18	<5	<20	350	0.25	<10	124	<10	2	95
28	36206	<5	<0.2	1.43	10	30	<5	2.05	<1	2	64	29	0.78	<10	0.09	112	<1	0.04	1	170	10	<5	<20	104	<0.01	<10	7	<10	1	11
29	36207	5	<0.2	1.99	15	160	<5	2.12	<1	14	49	23	3.66	<10	0.97	694	<1	0.07	2	1050	14	<5	<20	168	0.14	<10	86	<10	7	75
30	36208	5	0.2	2.45	15	160	<5	2.08	<1	18	37	25	3.51	<10	1.11	478	<1	0.07	5	1130	18	<5	<20	161	0.19	<10	90	<10	7	69

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AW 2007- 7231 Copper Ridge Exploration Inc,

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	36179	45	1.5	1.23	10	135	<5	0.13	<1	4	94	519	3.23	20	0.63	197	68	0.05	11	290	16	<5	<20	35	0.05	<10	28	<10	4	68
5	36183	510																												
10	36188	<5	0.2	1.91	10	190	<5	1.09	<1	19	111	38	3.60	40	0.99	459	<1	0.05	46	600	22	<5	<20	36	0.15	<10	47	<10	14	92
19	36197	<5	0.2	1.72	10	125	<5	1.26	<1	10	77	10	3.28	<10	0.96	660	<1	0.05	2	260	14	<5	<20	48	0.17	<10	41	<10	8	79
Resplit:																														
1	36179	50	1.6	1.33	10	150	<5	0.17	<1	4	101	523	3.34	30	0.65	209	75	0.06	12	280	18	<5	<20	38	0.05	<10	27	<10	4	60
Standard:																														
Pb113			11.0	0.26	45	60	<5	2.02	35	2	<1	2221	1.08	<10	0.12	1507	65	0.02	1	90	5416	10	<20	73	0.01	<10	6	<10	1	6902
SE29		595																												

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CERTIFICATE OF ASSAY AW 2007-7231

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

30-Aug-07

No. of samples received:30
Sample Type: Core
Project: Lucky Joe
Shipment #: 12
Submitted by: Ryan Coe

ET #	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
2	36180			0.27
3	36181	0.72	0.021	0.68
5	36183	0.53	0.015	0.31
6	36184			2.20
7	36185	1.31	0.038	0.63
23	36201	0.73	0.021	0.68
QC DATA:				
Repeat:				
2	36180			0.28
7	36185	1.27	0.037	
Standard:				
OXK48		3.60	0.105	
Cu120				1.52

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21-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2007- 7233

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:42
Sample Type: Core
Project: Lucky Joe
Submitted by: Joanne Hodge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36209	5	<0.2	1.72	10	315	<5	0.51	<1	15	132	33	3.05	30	0.87	334	<1	0.03	40	550	20	<5	<20	22	0.16	<10	41	<10	11	144
2	36210	<5	<0.2	1.07	5	130	<5	0.74	<1	18	80	21	2.79	<10	0.84	280	<1	0.09	15	760	10	<5	<20	24	0.12	<10	60	<10	5	41
3	36211	<5	0.2	1.24	10	125	<5	1.22	<1	14	47	18	3.11	<10	0.72	375	<1	0.14	2	1330	10	<5	<20	24	0.12	<10	84	<10	8	52
4	36212	5	<0.2	1.39	10	85	<5	0.92	<1	17	62	34	3.42	<10	0.85	435	<1	0.10	6	630	10	<5	<20	24	0.10	<10	61	<10	8	45
5	36213	5	<0.2	2.35	15	45	<5	0.73	<1	35	58	40	6.86	<10	2.52	713	<1	0.06	2	1020	16	<5	<20	15	0.16	<10	152	<10	10	125
6	36214	5	<0.2	1.83	10	30	5	1.03	<1	37	53	49	4.96	<10	1.53	506	<1	0.13	9	770	14	<5	<20	124	0.06	<10	75	<10	7	66
7	36215	<5	0.2	2.28	15	150	<5	2.38	<1	13	82	33	2.62	<10	0.94	464	<1	0.06	5	970	14	<5	<20	216	0.18	<10	68	<10	2	42
8	36216	<5	<0.2	1.52	10	65	<5	1.38	<1	27	66	34	4.23	<10	1.53	352	<1	0.08	3	940	12	<5	<20	30	0.16	<10	88	<10	8	32
9	36217	<5	0.2	2.00	10	210	<5	1.21	<1	19	296	36	1.84	<10	2.10	278	11	0.07	96	420	16	<5	<20	56	0.12	<10	42	<10	1	53
10	36218	5	0.2	2.11	15	100	<5	2.15	<1	15	43	39	3.58	<10	0.95	623	<1	0.10	3	1200	18	<5	<20	157	0.20	<10	83	<10	7	76
11	36219	<5	<0.2	0.67	<5	55	<5	0.36	<1	4	67	16	0.59	<10	0.18	85	<1	0.17	2	150	6	<5	<20	39	0.03	<10	13	<10	3	64
12	36220	<5	<0.2	1.47	10	285	<5	0.85	<1	10	63	9	3.30	<10	0.92	539	<1	0.10	5	970	10	<5	<20	30	0.18	<10	33	<10	12	77
13	36221	725	2.2	0.59	25	60	<5	2.08	1	10	27	6793	6.59	<10	0.81	866	6	0.06	11	660	28	25	<20	70	0.04	<10	37	<10	3	89
14	36222	<5	<0.2	1.25	10	245	<5	1.60	<1	10	39	16	3.60	30	0.60	885	<1	0.14	14	1800	20	<5	<20	142	0.15	<10	90	<10	15	59
15	36223	<5	<0.2	1.25	10	115	<5	0.78	<1	5	84	4	2.20	<10	0.68	349	<1	0.08	5	330	10	<5	<20	54	0.11	<10	25	<10	8	46
16	36224	<5	0.2	1.67	10	185	<5	1.04	<1	10	57	13	4.12	<10	0.73	773	<1	0.08	1	700	12	<5	<20	55	0.21	<10	38	<10	9	108
17	36225	<5	<0.2	1.88	10	145	<5	2.57	<1	9	47	4	3.68	<10	0.72	755	<1	0.04	2	640	14	<5	<20	88	0.21	<10	40	<10	6	90
18	36226	5	0.6	1.44	10	60	<5	0.30	<1	10	89	39	2.39	40	0.87	581	2	0.04	20	160	30	<5	<20	24	0.09	<10	31	<10	21	80
19	36227	<5	<0.2	1.12	5	40	<5	0.57	<1	7	68	70	1.40	20	0.31	352	<1	0.05	9	180	10	<5	<20	43	0.04	<10	11	<10	11	44
20	36228	5	0.2	1.33	10	60	<5	0.49	<1	4	59	31	2.22	10	0.55	422	<1	0.04	5	190	12	<5	<20	52	0.06	<10	14	<10	9	54
21	36229	<5	0.2	1.29	10	135	<5	0.39	<1	5	80	19	2.34	10	0.60	370	<1	0.04	4	230	12	<5	<20	46	0.08	<10	18	<10	6	26
22	36230	15	1.3	3.36	25	60	<5	0.64	3	47	53	3333	>10	60	2.69	717	27	0.04	34	1230	26	<5	<20	48	0.22	<10	128	<10	17	234
23	36231	20	0.8	1.62	15	70	<5	0.09	<1	8	92	643	3.88	<10	1.08	311	15	0.04	12	280	16	<5	<20	7	0.03	<10	17	<10	3	91
24	36232	40	3.2	1.05	10	55	<5	0.50	2	13	94	1954	3.21	10	0.72	434	19	0.03	15	220	14	<5	<20	10	0.02	<10	20	<10	7	89
25	36233	45	1.5	0.82	10	45	<5	0.66	<1	12	93	1093	2.45	20	0.60	404	18	0.03	27	290	16	<5	<20	10	0.02	<10	20	<10	7	84

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	36234	35	0.8	2.09	20	65	<5	0.48	<1	16	133	410	4.53	<10	1.99	563	2	0.05	35	770	22	<5	<20	9	0.06	<10	67	<10	7	143
27	36235	65	1.7	2.08	15	60	<5	1.64	2	26	99	1142	4.38	10	2.61	707	17	0.06	59	2120	42	<5	<20	31	0.09	<10	93	<10	13	381
28	36236	15	4.1	1.54	20	40	<5	0.27	2	30	129	2476	4.48	<10	1.40	486	44	0.04	50	760	34	<5	<20	9	0.04	<10	54	<10	6	230
29	36237	65	4.4	0.54	30	40	30	2.36	<1	14	153	1221	2.14	50	0.13	121	11	0.02	103	8030	40	<5	<20	76	<0.01	<10	119	<10	36	105
30	36238	445	4.6	1.18	175	45	45	0.95	<1	14	120	3090	3.58	30	0.58	168	9	0.03	71	3840	68	<5	<20	31	0.02	<10	90	<10	20	89
31	36239	10	0.4	1.26	10	120	<5	0.35	2	10	134	48	2.43	20	0.93	276	4	0.03	47	910	18	<5	<20	24	0.10	<10	60	<10	10	154
32	36240	5	0.4	1.32	15	95	<5	0.55	1	9	121	53	2.55	20	0.86	338	2	0.03	34	520	32	<5	<20	20	0.05	<10	51	<10	8	143
33	36241	720	2.3	0.58	25	60	<5	1.93	1	9	28	6826	6.52	<10	0.89	861	6	0.06	11	650	26	25	<20	71	0.03	<10	37	<10	2	89
34	36242	5	<0.2	1.28	10	255	<5	1.36	<1	9	50	19	3.58	30	0.56	614	<1	0.15	14	1750	20	<5	<20	148	0.15	<10	89	<10	15	61
35	36243	15	0.2	1.36	10	145	<5	1.67	<1	16	54	25	3.29	<10	1.01	433	<1	0.18	3	1480	10	<5	<20	29	0.13	<10	91	<10	7	38
36	36244	5	0.2	0.83	5	95	<5	1.45	<1	4	66	10	1.00	<10	0.43	172	<1	0.11	3	310	18	<5	<20	62	0.07	<10	26	<10	1	61
37	36245	5	0.2	2.02	15	40	10	1.33	<1	22	53	46	6.02	<10	1.56	627	<1	0.12	2	980	18	<5	<20	26	0.10	<10	143	<10	8	65
38	36246	<5	<0.2	0.51	<5	175	<5	0.23	<1	3	71	6	0.77	<10	0.23	103	<1	0.08	2	220	4	<5	<20	26	0.04	<10	15	<10	<1	33
39	36247	<5	0.2	1.47	10	25	<5	1.07	<1	25	56	41	4.34	<10	1.13	513	<1	0.16	3	1010	12	<5	<20	18	0.09	<10	91	<10	7	101
40	36248	5	<0.2	1.74	10	30	<5	0.97	<1	25	65	72	4.25	<10	1.57	551	<1	0.12	13	460	14	<5	<20	77	0.06	<10	62	<10	5	60
41	36249	5	<0.2	0.70	5	200	<5	0.39	<1	4	72	63	1.08	<10	0.39	84	<1	0.15	2	430	6	<5	<20	50	0.06	<10	25	<10	<1	39
42	36250	5	<0.2	1.02	5	15	<5	0.85	<1	25	93	41	2.03	<10	0.97	202	<1	0.12	53	300	8	<5	<20	26	0.04	<10	30	<10	4	14
QC DATA:																														
Repeat:																														
1	36209	5	<0.2	1.76	10	325	<5	0.53	<1	15	132	33	3.11	30	0.90	338	<1	0.03	40	550	20	<5	<20	24	0.17	<10	42	<10	11	145
10	36218	5	<0.2	2.11	15	105	<5	2.06	<1	16	43	38	3.55	<10	0.95	624	<1	0.10	3	1210	18	<5	<20	158	0.21	<10	83	<10	7	76
19	36227	5	<0.2	1.16	5	45	<5	0.59	<1	7	68	75	1.50	20	0.33	360	<1	0.04	10	180	10	<5	<20	45	0.04	<10	11	<10	12	45
36	36244		0.2	0.88	5	95	<5	1.65	<1	5	71	8	1.02	<10	0.44	179	<1	0.11	3	330	10	<5	<20	64	0.07	<10	26	<10	1	62
30	36238	395																												
Resplit:																														
1	36209	5	<0.2	1.87	10	335	<5	0.55	<1	16	199	32	3.23	30	0.88	347	<1	0.04	42	550	22	<5	<20	25	0.16	<10	43	<10	11	140
36	36244	5	0.2	0.82	5	85	<5	1.75	<1	4	44	8	0.97	<10	0.43	166	<1	0.08	2	320	10	<5	<20	60	0.07	<10	26	<10	1	60
Standard:																														
Pb113			11.0	0.25	45	60	<5	1.63	35	2	2	2260	1.06	<10	0.11	1462	64	0.02	1	80	5502	10	<20	80	0.01	<10	7	<10	1	6995
Pb113			11.2	0.25	40	65	<5	1.67	34	2	3	2225	1.06	<10	0.12	1452	65	0.02	<1	90	5420	10	<20	82	0.01	<10	6	<10	1	6992
SE29		595																												
SE29		595																												

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jl
df/n7233
XLS/07

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
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CERTIFICATE OF ASSAY AW 2007-7233

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

31-Aug-07

No. of samples received:42
Sample Type: Core
Project: Lucky Joe
Submitted by: Joanne Hodge

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
13	36221	0.73	0.021	0.69
22	36230			0.35
24	36232			0.20
25	36233			0.09
27	36235			0.12
28	36236			0.26
29	36237			0.13
30	36238			0.32
33	36241	0.72	0.021	0.35
QC DATA:				
Repeat:				
22	36230			0.35
Standard:				
SE290		0.60	0.017	

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/nl
XLS/07

25-Oct-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2007- 1207

Copper Ridge Exploration Inc,
Suite 500 - 625 Howe Street
Vancouver, BC
V6C 2T6

No. of samples received:232
Sample Type: Soil
Project: Lucky Joe
Submitted by: Joanna Hodge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	36251	<5	<0.2	1.58	<5	275	25	0.09	<1	7	6	20	4.04	<10	0.61	259	3	0.03	4	420	32	<5	<20	18	0.12	<10	41	<10	<1	49
2	36252	<5	<0.2	1.84	<5	290	40	0.31	<1	13	24	32	6.05	<10	0.84	193	4	0.06	7	650	54	<5	<20	66	0.20	<10	260	<10	<1	85
3	36253	5	0.5	2.75	<5	515	<5	0.34	1	22	22	808	7.93	20	1.50	562	10	0.04	10	310	400	<5	<20	44	0.18	<10	216	<10	<1	704
4	36254	5	0.2	1.83	<5	240	20	0.28	<1	19	16	25	4.06	10	0.44	606	3	0.02	13	190	40	<5	<20	34	0.08	<10	58	<10	8	109
5	36255	<5	0.5	2.14	5	265	20	0.30	1	15	35	27	4.22	<10	0.86	703	4	0.02	15	590	42	<5	<20	23	0.08	<10	112	<10	2	93
6	36256	30	0.9	2.04	15	205	<5	0.25	<1	22	33	861	4.26	20	1.36	404	11	0.01	38	810	44	10	<20	6	0.06	<10	89	<10	7	138
7	36257	<5	0.4	2.11	10	225	<5	0.19	<1	40	7	3486	3.76	20	0.74	1193	6	0.02	24	350	38	<5	<20	3	0.09	<10	49	<10	8	167
8	36258	10	0.2	1.48	15	200	<5	0.20	<1	11	21	552	2.63	20	0.54	246	4	0.02	18	150	32	<5	<20	26	0.06	<10	55	<10	5	58
9	36259	<5	0.3	1.52	10	150	<5	0.08	<1	8	13	64	2.90	20	0.38	204	3	0.02	8	260	46	<5	<20	27	0.06	<10	44	<10	<1	72
10	36260	<5	<0.2	1.69	15	80	10	0.78	<1	7	5	27	1.85	20	0.43	413	2	0.01	3	200	40	<5	<20	86	0.07	<10	26	<10	5	91
11	36261	5	<0.2	1.78	15	140	5	0.37	<1	9	12	26	2.44	10	0.49	536	3	0.01	10	220	40	10	<20	51	0.09	<10	49	<10	4	91
12	36262	<5	<0.2	1.81	15	115	5	0.35	<1	9	12	21	2.42	20	0.51	345	3	0.01	9	260	44	5	<20	38	0.09	<10	43	<10	3	61
13	36263	<5	0.2	1.97	15	105	15	0.33	<1	9	17	21	2.56	10	0.49	268	2	0.01	11	160	44	<5	<20	33	0.09	<10	53	<10	2	57
14	36264	<5	0.3	2.04	10	80	<5	0.84	<1	7	5	17	2.04	20	0.48	416	2	0.01	3	200	42	<5	<20	86	0.08	<10	29	<10	4	66
15	36265	<5	<0.2	1.84	20	100	10	0.42	<1	10	14	25	2.54	10	0.59	359	2	0.01	9	220	40	<5	<20	49	0.10	<10	47	<10	3	100
16	36266	<5	<0.2	2.20	15	120	15	0.65	<1	16	9	18	2.67	10	0.66	389	3	0.02	7	240	48	5	<20	79	0.10	<10	49	<10	3	78
17	36267	<5	0.3	1.32	15	110	<5	0.81	<1	7	6	44	2.21	30	0.49	348	3	0.02	4	390	44	5	<20	52	0.05	<10	31	<10	13	112
18	36268	<5	<0.2	1.61	10	155	15	0.91	<1	18	40	43	2.43	<10	1.21	332	2	0.03	24	520	34	10	<20	100	0.07	<10	64	<10	4	34
19	36269	5	<0.2	2.14	25	155	20	0.34	<1	11	21	23	2.85	<10	0.55	289	3	0.02	14	270	50	<5	<20	52	0.09	<10	61	<10	2	55
20	36270	<5	<0.2	2.09	15	145	20	0.27	<1	10	16	29	2.83	<10	0.66	331	3	0.01	11	220	48	<5	<20	44	0.09	<10	53	<10	1	73
21	36271	<5	<0.2	1.87	15	130	20	0.37	<1	10	12	23	2.79	<10	0.58	555	3	0.02	8	360	52	<5	<20	48	0.11	<10	56	<10	2	114
22	36272	<5	0.3	1.68	15	145	20	0.17	<1	10	20	15	2.83	<10	0.42	279	5	0.01	13	270	44	10	<20	33	0.07	<10	63	<10	2	79
23	36273	5	0.5	1.36	15	130	15	0.10	<1	7	16	75	2.65	10	0.36	154	4	0.02	10	190	36	<5	<20	31	0.05	<10	45	<10	3	56
24	36274	5	0.4	1.64	10	170	<5	0.26	<1	9	7	396	3.16	20	0.68	389	6	0.02	10	360	46	5	<20	27	0.09	<10	43	<10	8	104
25	36275	<5	0.3	1.70	20	200	<5	0.14	<1	31	28	861	2.80	20	0.71	705	7	0.01	40	520	46	<5	<20	13	0.06	<10	77	<10	6	180
26	36276	<5	0.2	1.44	10	160	<5	0.11	<1	16	26	292	2.96	30	0.55	222	4	0.01	40	240	38	<5	<20	2	0.05	<10	34	<10	9	118
27	36277	<5	<0.2	2.00	15	225	20	0.25	<1	19	62	42	4.39	20	1.10	296	3	0.02	27	370	48	<5	<20	32	0.12	<10	124	<10	13	88
28	36278	<5	<0.2	2.60	10	215	40	0.22	<1	13	7	51	7.01	<10	1.52	334	6	0.11	6	1070	54	<5	<20	119	0.13	<10	181	<10	2	89
29	36279	<5	0.2	2.55	5	285	35	0.33	<1	15	<1	53	5.96	<10	1.53	289	5	0.05	3	1060	50	5	<20	98	0.17	<10	174	<10	3	154
30	36280	<5	<0.2	2.56	5	185	45	0.32	1	11	13	40	6.52	<10	1.44	309	6	0.09	10	1140	50	10	<20	110	0.12	<10	150	<10	<1	69

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	36281	<5	<0.2	2.40	<5	180	30	0.32	<1	13	15	91	7.52	<10	1.56	236	5	0.07	10	610	42	<5	<20	120	0.12	<10	190	<10	<1	58
32	36282	<5	<0.2	2.06	15	125	15	0.67	<1	12	14	33	3.68	<10	0.86	333	3	0.07	11	610	44	<5	<20	85	0.10	<10	95	<10	3	53
33	36283	<5	0.2	1.86	10	170	20	0.18	<1	12	65	55	2.83	<10	1.14	146	5	0.03	25	350	40	15	<20	68	0.09	<10	82	<10	2	25
34	36284	<5	<0.2	2.07	5	175	25	0.35	<1	13	20	57	5.56	<10	1.11	220	4	0.07	11	810	40	<5	<20	104	0.13	<10	140	<10	1	44
35	36285	<5	<0.2	1.90	10	190	20	0.34	<1	10	16	45	4.88	<10	1.04	215	3	0.06	8	580	42	<5	<20	99	0.11	<10	118	<10	3	45
36	36286	5	0.3	1.99	<5	200	25	0.29	1	8	14	36	3.87	<10	0.79	181	4	0.04	9	800	40	5	<20	54	0.09	<10	93	<10	2	50
37	36287	5	<0.2	1.65	<5	155	20	0.28	<1	10	13	30	3.55	<10	0.63	207	3	0.04	8	600	38	<5	<20	50	0.08	<10	96	<10	2	60
38	36288	<5	0.3	1.67	10	170	10	0.21	<1	12	15	27	4.04	<10	0.65	237	4	0.03	10	440	36	<5	<20	32	0.09	<10	101	<10	3	51
39	36289	5	<0.2	2.25	15	310	25	0.25	<1	25	44	39	4.06	10	0.99	703	4	0.02	34	900	48	5	<20	2	0.16	<10	80	<10	4	111
40	36290	15	0.3	1.65	25	245	<5	0.33	<1	13	32	207	3.10	20	0.62	331	4	0.02	19	340	44	<5	<20	35	0.07	<10	70	<10	7	67
41	36291	<5	0.3	1.68	10	150	25	0.15	<1	9	12	52	2.78	<10	0.46	267	3	0.02	9	230	42	<5	<20	50	0.09	<10	55	<10	2	74
42	36292	5	0.7	1.23	10	95	10	0.08	<1	7	15	46	2.87	10	0.30	110	4	0.02	10	190	34	<5	<20	28	0.05	<10	45	<10	2	35
43	36293	<5	<0.2	1.54	15	120	<5	0.36	<1	12	7	34	2.56	20	0.40	363	4	0.02	7	240	36	10	<20	46	0.07	<10	34	<10	4	78
44	36294	<5	0.2	1.76	15	125	20	0.32	<1	10	11	26	2.49	20	0.50	356	2	0.02	8	190	42	5	<20	45	0.09	<10	41	<10	4	75
45	36295	<5	<0.2	1.74	10	90	10	0.35	<1	8	5	22	2.22	10	0.47	339	2	0.02	5	220	40	<5	<20	41	0.10	<10	34	<10	3	91
46	36296	<5	<0.2	1.83	15	120	15	0.25	<1	9	16	14	2.55	10	0.52	252	2	0.02	11	180	42	<5	<20	35	0.09	<10	53	<10	2	54
47	36297	<5	0.3	1.36	10	125	10	0.25	<1	9	10	26	2.26	20	0.48	348	2	0.02	7	350	40	<5	<20	25	0.08	<10	41	<10	8	100
48	36298	<5	0.2	1.23	10	125	15	0.29	<1	9	10	32	2.39	20	0.48	313	3	0.02	7	380	34	<5	<20	33	0.08	<10	45	<10	8	69
49	36299	5	0.2	1.15	<5	175	20	0.25	<1	11	17	63	3.11	20	0.55	251	5	0.03	13	450	30	<5	<20	39	0.08	<10	61	<10	5	65
50	36300	<5	0.6	1.43	5	150	<5	0.12	<1	7	5	194	3.62	30	0.56	238	7	0.04	5	410	36	<5	<20	33	0.06	<10	35	<10	3	77
51	36301	5	0.5	1.48	<5	250	15	0.49	<1	19	19	100	3.29	10	0.76	457	7	0.04	12	580	36	<5	<20	50	0.08	<10	82	<10	7	72
52	36302	<5	0.4	1.77	15	515	20	0.46	<1	18	31	56	3.53	30	1.22	554	6	0.02	41	970	56	5	<20	44	0.11	<10	69	<10	12	156
53	36303	<5	<0.2	0.95	5	140	<5	0.52	<1	9	15	14	2.17	<10	0.46	305	2	0.02	10	610	24	<5	<20	49	0.06	<10	53	<10	5	44
54	36304	<5	<0.2	1.55	10	245	15	0.58	<1	15	24	24	2.52	20	0.54	765	3	0.02	17	640	38	<5	<20	52	0.07	<10	58	<10	8	60
55	36305	<5	0.2	1.05	<5	365	<5	1.31	<1	31	19	25	2.33	20	0.42	3658	3	0.03	16	800	20	<5	<20	83	0.07	<10	49	<10	12	52
56	36306	<5	<0.2	1.04	15	180	5	0.60	<1	11	17	17	2.09	10	0.46	461	2	0.02	12	630	26	<5	<20	51	0.06	<10	47	<10	6	47
57	36307	<5	<0.2	1.22	5	210	15	0.74	<1	11	20	22	2.22	10	0.54	418	3	0.03	14	710	32	<5	<20	61	0.07	<10	53	<10	8	57
58	36308	<5	0.3	0.96	<5	190	15	0.75	<1	10	16	18	1.94	<10	0.43	397	3	0.03	12	600	24	<5	<20	60	0.05	<10	43	<10	6	49
59	36312	10	0.2	0.07	<5	35	<5	0.14	<1	1	2	3	0.17	<10	0.04	37	<1	<0.01	1	70	4	<5	<20	20	<0.01	<10	4	<10	2	4
60	36313	<5	<0.2	1.17	10	260	10	1.07	<1	11	20	32	2.43	10	0.54	327	2	0.03	19	790	30	<5	<20	70	0.07	<10	60	<10	10	49
61	36314	<5	<0.2	1.12	<5	220	15	0.84	<1	11	19	27	2.46	<10	0.51	358	3	0.03	17	750	28	<5	<20	53	0.07	<10	61	<10	7	44
62	36316	<5	<0.2	1.55	<5	200	25	0.46	<1	13	20	26	3.21	10	0.67	433	3	0.02	13	470	36	<5	<20	61	0.09	<10	63	<10	13	66
63	36317	<5	<0.2	1.98	10	250	25	0.47	<1	13	18	30	4.62	10	1.02	415	4	0.05	11	640	42	<5	<20	59	0.12	<10	112	<10	9	76
64	36318	<5	<0.2	1.67	15	200	25	0.39	<1	11	22	21	3.21	10	0.64	389	4	0.02	13	510	40	10	<20	45	0.09	<10	66	<10	8	81
65	36319	<5	<0.2	1.67	10	175	20	0.30	<1	12	15	21	3.89	<10	0.72	349	4	0.03	8	460	40	5	<20	51	0.09	<10	86	<10	5	80
66	36320	<5	<0.2	1.69	15	210	25	0.35	<1	12	18	22	3.71	<10	0.79	365	3	0.03	10	510	40	<5	<20	67	0.10	<10	89	<10	5	71
67	36321	<5	<0.2	1.97	20	285	25	0.35	<1	17	50	43	4.02	<10	1.00	589	28	0.02	12	520	48	<5	<20	131	0.08	<10	82	<10	6	123
68	36322	<5	<0.2	1.91	10	210	25	0.42	<1	22	41	19	4.25	10	1.68	927	6	0.02	30	770	44	10	<20	51	0.07	<10	105	<10	7	140
69	36323	5	0.2	1.66	15	205	25	0.34	<1	14	29	23	3.61	<10	0.86	376	5	0.02	16	610	44	<5	<20	60	0.08	<10	91	<10	7	81
70	36324	5	0.2	1.61	15	270	25	0.41	<1	13	23	25	3.59	10	0.80	402	3	0.03	13	530	40	<5	<20	56	0.09	<10	87	<10	8	77

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	36325	10	0.2	1.74	<5	520	<5	0.46	<1	8	37	217	3.16	10	1.13	373	6	0.02	23	840	52	10	<20	44	0.09	<10	108	<10	5	138
72	36326	10	1.1	1.26	5	275	15	0.35	<1	8	30	61	2.74	10	0.72	183	5	0.02	19	690	36	5	<20	42	0.07	<10	87	<10	3	87
73	36328	<5	<0.2	1.42	5	195	15	0.77	<1	8	19	24	2.19	<10	0.58	340	2	0.03	12	670	34	5	<20	59	0.07	<10	52	<10	7	75
74	36329	<5	<0.2	1.52	10	235	10	0.67	<1	17	24	28	2.85	10	0.62	514	4	0.03	17	650	36	10	<20	50	0.08	<10	65	<10	7	64
75	36330	<5	<0.2	1.54	10	225	15	0.68	<1	17	16	41	3.10	10	0.68	564	3	0.03	11	740	36	<5	<20	54	0.10	<10	70	<10	8	62
76	36331	5	<0.2	1.38	<5	225	5	0.85	<1	12	18	93	3.08	20	0.58	264	3	0.03	12	790	32	<5	<20	62	0.07	<10	61	<10	10	63
77	36332	25	0.7	1.73	15	285	<5	0.50	<1	11	25	191	3.21	10	0.84	240	7	0.03	18	650	44	5	<20	47	0.10	<10	75	<10	7	70
78	36333	55	1.0	2.25	10	325	<5	0.74	<1	15	43	581	3.99	20	1.45	394	32	0.03	30	870	54	10	<20	53	0.16	<10	103	<10	6	137
79	36334	5	0.7	1.82	10	295	<5	1.18	1	13	51	317	3.00	20	0.79	329	5	0.03	34	540	42	10	<20	76	0.11	<10	80	<10	30	85
80	36335	<5	<0.2	1.56	20	225	20	0.67	<1	19	26	36	2.99	10	0.65	477	4	0.03	23	580	40	10	<20	55	0.09	<10	73	<10	8	65
81	36336	5	<0.2	1.84	25	170	20	0.67	<1	15	18	29	2.01	10	0.85	306	2	0.02	16	290	46	<5	<20	67	0.10	<10	82	<10	13	55
82	36337	5	<0.2	2.04	10	190	30	0.69	<1	13	7	39	5.34	<10	1.14	408	4	0.05	10	680	46	<5	<20	71	0.13	<10	106	<10	7	107
83	36338	5	<0.2	2.15	15	150	20	0.55	<1	17	15	41	4.94	<10	1.16	403	5	0.04	15	570	46	<5	<20	62	0.10	<10	100	<10	6	85
84	36339	10	0.2	1.97	10	265	15	0.71	<1	27	15	37	4.29	<10	1.15	1078	7	0.03	14	600	48	<5	<20	60	0.11	<10	119	<10	7	63
85	36340	<5	<0.2	2.06	10	220	30	0.71	<1	23	17	26	3.39	<10	0.76	671	4	0.02	14	320	46	10	<20	65	0.16	<10	65	<10	8	84
86	36341	<5	0.7	0.17	5	140	<5	3.68	<1	2	3	17	0.28	<10	0.39	616	6	0.05	3	570	20	5	<20	192	0.01	<10	8	<10	4	33
87	36351	<5	<0.2	1.45	10	200	20	0.29	<1	10	11	32	2.62	<10	0.71	185	4	0.03	7	500	40	5	<20	36	0.10	<10	84	<10	6	68
88	36352	<5	<0.2	1.77	15	200	25	0.28	<1	16	61	23	3.68	<10	0.79	338	4	0.03	12	510	50	<5	<20	41	0.15	<10	108	<10	2	92
89	36353	<5	<0.2	1.36	15	165	15	0.50	<1	14	14	23	3.33	<10	0.56	379	4	0.04	7	720	50	<5	<20	40	0.10	<10	91	<10	4	85
90	36354	<5	<0.2	2.00	20	455	30	0.42	<1	16	83	20	3.40	<10	1.14	316	5	0.03	20	610	48	10	<20	67	0.17	<10	90	<10	6	82
91	36355	<5	0.3	1.33	10	225	15	0.17	<1	9	30	48	2.68	20	0.84	339	8	0.02	33	530	50	<5	<20	30	0.09	<10	82	<10	4	138
92	36356	140	1.8	2.26	20	250	<5	0.17	<1	18	32	1666	4.93	20	1.47	581	12	0.02	41	920	66	<5	<20	29	0.09	<10	114	<10	4	236
93	36357	25	0.7	1.74	20	165	<5	0.18	<1	13	14	933	2.89	30	0.56	462	16	0.02	13	360	50	<5	<20	20	0.06	<10	59	<10	9	167
94	36358	<5	<0.2	1.47	10	100	<5	0.35	<1	9	9	893	2.63	20	0.57	578	3	0.02	12	510	38	<5	<20	33	0.08	<10	45	<10	8	137
95	36359	10	0.2	1.75	10	170	15	0.12	<1	10	7	64	3.77	20	0.82	444	4	0.03	5	390	46	<5	<20	50	0.12	<10	65	<10	<1	93
96	36360	<5	<0.2	1.04	10	140	5	0.09	<1	4	10	22	2.08	20	0.20	129	4	0.01	5	230	32	5	<20	32	0.05	<10	46	<10	2	35
97	36361	<5	<0.2	1.53	15	155	15	0.23	<1	8	17	57	3.30	20	0.39	315	6	0.04	10	750	54	<5	<20	50	0.07	<10	63	<10	2	75
98	36362	<5	<0.2	1.80	15	135	20	0.16	<1	10	19	21	3.46	20	0.42	270	4	0.02	12	470	52	<5	<20	17	0.07	<10	69	<10	9	74
99	36363	<5	<0.2	1.52	10	90	10	0.13	<1	7	8	18	2.43	20	0.70	341	3	0.02	6	450	36	10	<20	12	0.10	<10	45	<10	2	61
100	36364	<5	<0.2	1.82	20	125	10	0.43	<1	8	15	11	2.37	10	0.39	336	3	0.01	9	340	44	<5	<20	46	0.08	<10	48	<10	3	40
101	36365	<5	<0.2	1.48	5	90	20	0.18	<1	13	8	25	3.25	<10	0.66	569	3	0.01	5	660	36	<5	<20	29	0.13	<10	79	<10	<1	105
102	36366	<5	<0.2	1.31	10	140	10	0.15	<1	7	8	26	2.69	30	0.40	236	5	0.04	5	420	48	<5	<20	59	0.08	<10	35	<10	<1	106
103	36367	<5	0.2	0.75	5	125	15	0.10	<1	4	5	31	1.87	20	0.24	167	5	0.02	2	520	28	<5	<20	34	0.08	<10	40	<10	<1	55
104	36368	10	<0.2	1.48	15	135	20	0.17	<1	9	16	38	2.72	10	0.52	282	4	0.02	12	380	40	5	<20	36	0.07	<10	47	<10	3	63
105	36369	<5	0.3	1.43	15	100	<5	0.09	<1	8	11	199	2.32	20	0.41	360	4	0.02	8	460	38	<5	<20	26	0.08	<10	45	<10	4	72
106	36370	10	0.9	1.83	15	130	<5	0.11	<1	10	18	205	3.38	10	0.38	218	11	0.02	12	380	46	<5	<20	9	0.06	<10	75	<10	1	107
107	36371	140	1.2	2.51	20	225	<5	0.21	<1	39	71	2944	4.07	10	1.94	781	5	0.02	58	280	64	10	<20	22	0.10	<10	127	<10	4	291
108	36372	10	0.5	2.06	20	390	10	0.18	<1	12	36	115	3.46	20	0.72	361	6	0.02	34	410	56	<5	<20	26	0.08	<10	84	<10	15	86
109	36373	5	<0.2	1.37	20	120	25	0.08	<1	13	26	73	3.33	20	0.66	267	10	0.01	36	420	46	5	<20	3	0.04	<10	56	<10	3	214
110	36374	<5	<0.2	1.63	15	335	25	0.26	<1	17	43	31	3.43	<10	0.77	358	6	0.03	19	590	44	<5	<20	43	0.12	<10	94	<10	4	92

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	36375	<5	<0.2	1.71	15	220	15	0.22	<1	12	32	27	2.97	<10	0.55	286	3	0.02	14	400	66	<5	<20	31	0.08	<10	71	<10	4	97
112	36376	<5	<0.2	2.20	5	215	45	0.28	<1	10	6	30	6.06	10	1.08	460	5	0.15	5	1160	50	<5	<20	102	0.12	<10	129	<10	2	77
113	36377	<5	<0.2	2.13	15	190	30	0.24	<1	18	11	29	4.30	10	1.43	255	5	0.03	9	420	44	10	<20	63	0.15	<10	130	<10	2	40
114	36378	<5	<0.2	1.67	10	175	25	0.31	<1	10	34	28	3.20	<10	0.73	160	4	0.04	16	380	40	5	<20	56	0.10	<10	87	<10	3	34
115	36379	<5	<0.2	1.78	5	195	25	0.38	<1	12	16	49	4.68	<10	0.77	237	3	0.06	9	1050	42	<5	<20	63	0.11	<10	98	<10	4	79
116	36380	<5	<0.2	1.73	<5	160	30	0.35	1	14	5	50	5.09	<10	0.63	201	6	0.05	6	1140	40	10	<20	46	0.14	<10	125	<10	2	89
117	36381	<5	<0.2	1.97	<5	180	20	0.29	<1	11	8	42	4.88	<10	0.99	246	6	0.05	7	820	44	5	<20	51	0.12	<10	134	<10	2	78
118	36382	<5	0.2	2.21	<5	290	40	0.30	<1	17	6	49	5.31	<10	1.05	334	5	0.05	7	840	48	<5	<20	51	0.13	<10	132	<10	7	118
119	36383	<5	<0.2	1.71	<5	200	25	0.58	<1	17	2	36	4.73	10	0.79	346	4	0.07	7	1470	38	10	<20	33	0.13	<10	131	<10	8	92
120	36384	<5	<0.2	1.83	10	215	15	0.57	<1	15	17	25	3.96	<10	0.76	435	4	0.03	12	830	40	<5	<20	52	0.09	<10	90	<10	5	79
121	36385	<5	<0.2	1.60	15	180	15	0.59	<1	13	17	21	3.22	<10	0.62	363	4	0.02	11	600	38	<5	<20	51	0.08	<10	75	<10	6	75
122	36386	<5	<0.2	1.85	10	245	20	0.78	<1	19	16	34	3.40	10	0.68	1062	4	0.03	12	670	42	5	<20	61	0.08	<10	86	<10	15	67
123	36387	<5	0.2	1.60	15	225	15	0.98	<1	11	16	30	2.98	10	0.62	363	3	0.03	10	580	38	<5	<20	63	0.08	<10	78	<10	11	74
124	36388	<5	<0.2	1.66	10	280	10	0.47	<1	26	34	16	3.46	10	0.99	1526	4	0.02	35	890	38	<5	<20	30	0.08	<10	96	<10	4	112
125	36389	<5	<0.2	1.72	15	330	25	0.52	<1	12	24	26	3.35	10	0.79	300	4	0.02	19	740	42	<5	<20	42	0.09	<10	94	<10	6	90
126	36390	<5	<0.2	2.10	10	260	<5	0.27	<1	17	27	444	3.81	20	1.27	359	6	0.01	37	920	52	5	<20	17	0.12	<10	98	<10	4	143
127	36391	40	1.2	2.15	15	225	<5	0.27	<1	17	27	947	4.30	20	1.12	300	10	0.03	34	660	62	15	<20	34	0.13	<10	105	<10	3	133
128	36392	10	0.3	1.61	10	180	<5	0.21	<1	8	5	357	3.65	20	0.73	382	14	0.03	9	490	66	10	<20	49	0.07	<10	46	<10	2	150
129	36393	90	0.6	1.44	5	115	<5	0.19	<1	9	19	359	3.04	20	0.58	216	6	0.02	16	590	46	<5	<20	25	0.06	<10	65	<10	2	97
130	36394	5	0.2	1.13	5	175	10	0.46	<1	9	20	95	2.21	10	0.53	229	4	0.03	16	730	32	<5	<20	40	0.07	<10	48	<10	6	62
131	36395	<5	0.2	1.58	10	295	15	0.80	<1	20	25	65	3.19	10	0.66	2623	5	0.03	19	850	36	<5	<20	67	0.10	<10	66	<10	9	84
132	36396	<5	<0.2	1.36	15	155	20	0.42	<1	9	26	30	2.65	10	0.62	316	5	0.02	16	710	38	<5	<20	39	0.07	<10	67	<10	4	90
133	36397	<5	0.9	0.52	<5	285	10	1.19	<1	5	7	57	1.51	10	0.11	137	3	0.05	11	1000	22	<5	<20	73	0.02	<10	7	<10	9	36
134	36398	5	0.3	1.71	20	195	<5	0.31	<1	8	27	231	2.77	<10	0.86	189	15	0.02	13	550	44	5	<20	47	0.10	<10	66	<10	1	111
135	36399	<5	<0.2	1.63	15	235	25	0.40	<1	13	39	40	3.07	10	0.76	259	4	0.02	32	620	52	<5	<20	31	0.09	<10	66	<10	3	126
136	36400	<5	<0.2	1.72	20	275	15	0.23	<1	11	32	26	2.92	20	0.58	211	4	0.02	22	210	48	<5	<20	29	0.08	<10	69	<10	3	76
137	36401	10	<0.2	1.55	15	205	15	0.28	<1	11	32	22	2.78	20	0.53	185	3	0.02	27	330	38	<5	<20	26	0.09	<10	68	<10	4	44
138	36402	<5	<0.2	1.82	15	240	10	0.53	1	20	43	35	3.69	20	1.02	316	5	0.02	23	520	44	5	<20	41	0.11	<10	107	<10	6	78
139	36403	<5	<0.2	1.58	15	240	10	0.47	<1	15	30	24	3.09	10	0.56	431	3	0.03	21	400	38	<5	<20	42	0.09	<10	71	<10	7	49
140	36404	15	<0.2	1.71	15	185	25	0.42	<1	13	22	23	3.24	<10	0.67	218	3	0.02	14	620	38	<5	<20	41	0.09	<10	77	<10	4	52
141	36405	5	<0.2	1.61	10	185	20	0.36	<1	11	18	18	3.11	<10	0.56	376	4	0.02	12	290	36	<5	<20	36	0.10	<10	69	<10	6	66
142	36406	<5	<0.2	1.67	5	175	20	0.32	<1	11	17	18	3.59	<10	0.62	386	3	0.02	10	340	38	<5	<20	66	0.11	<10	59	<10	6	74
143	36407	<5	<0.2	1.43	<5	175	25	0.20	<1	14	8	16	4.52	<10	0.64	692	5	0.02	6	560	32	<5	<20	35	0.11	<10	85	<10	4	86
144	36408	<5	<0.2	1.74	20	200	20	0.29	<1	11	21	21	3.24	10	0.60	284	3	0.02	13	400	40	<5	<20	32	0.09	<10	71	<10	4	60
145	36409	<5	<0.2	2.30	15	290	30	0.69	<1	19	32	20	4.68	<10	1.24	421	4	0.03	8	980	48	<5	<20	76	0.14	<10	124	<10	5	84
146	36410	<5	<0.2	2.01	15	325	45	0.46	<1	16	14	28	5.32	<10	0.82	363	5	0.03	9	840	52	<5	<20	79	0.16	<10	142	<10	6	104
147	36411	<5	<0.2	1.79	10	240	15	0.49	<1	15	25	27	3.64	10	0.73	487	4	0.02	12	580	44	5	<20	55	0.10	<10	90	<10	6	71
148	36412	<5	<0.2	1.38	10	225	20	0.44	<1	11	17	21	3.03	<10	0.56	393	3	0.02	10	470	34	5	<20	44	0.08	<10	74	<10	6	58
149	36413	<5	0.5	1.50	10	240	15	0.45	<1	10	18	36	3.13	<10	0.62	334	4	0.02	12	470	36	<5	<20	46	0.09	<10	76	<10	5	63
150	36414	5	0.2	1.45	10	210	10	0.46	<1	13	25	104	2.97	<10	0.72	351	4	0.02	15	530	36	<5	<20	48	0.09	<10	73	<10	5	74

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
151	36415	<5	0.3	1.61	15	235	<5	0.71	<1	13	27	160	3.21	10	0.79	464	8	0.02	18	750	40	10	<20	63	0.08	<10	81	<10	7	95
152	36416	<5	<0.2	1.48	10	365	10	0.63	<1	13	31	33	3.12	<10	0.97	319	4	0.02	21	1170	40	10	<20	56	0.08	<10	92	<10	7	102
153	36417	10	0.7	1.44	5	240	<5	0.86	<1	10	21	214	2.12	20	0.55	318	4	0.02	17	570	34	<5	<20	68	0.07	<10	42	<10	15	66
154	36418	10	0.3	1.38	10	200	5	0.47	<1	11	21	140	2.54	20	0.57	386	5	0.02	15	570	34	<5	<20	50	0.09	<10	57	<10	6	70
155	36419	10	0.3	1.45	15	165	<5	0.45	<1	10	11	160	2.75	30	0.51	254	6	0.02	12	440	40	<5	<20	62	0.09	<10	40	<10	6	83
156	36420	10	0.2	1.82	15	260	<5	0.30	<1	20	22	223	3.36	20	0.71	341	6	0.02	19	380	44	<5	<20	29	0.12	<10	73	<10	4	76
157	36421	<5	0.3	1.61	10	315	15	0.50	<1	23	26	68	3.00	10	0.81	487	4	0.02	17	600	42	<5	<20	42	0.12	<10	77	<10	9	93
158	36422	<5	0.2	1.48	15	190	15	0.44	<1	10	16	23	2.72	<10	0.69	262	3	0.03	11	360	36	<5	<20	50	0.09	<10	79	<10	7	48
159	36423	<5	0.2	1.49	15	240	25	0.51	<1	11	21	26	2.83	10	0.61	287	2	0.03	15	580	38	<5	<20	57	0.08	<10	67	<10	8	53
160	36424	<5	<0.2	1.39	15	240	20	0.48	<1	10	23	22	2.66	10	0.56	223	2	0.03	16	580	36	<5	<20	47	0.09	<10	60	<10	7	47
161	36425	<5	<0.2	2.11	25	225	30	0.60	<1	37	14	25	2.67	<10	0.58	583	2	0.02	12	650	50	<5	<20	60	0.14	<10	60	<10	10	77
162	36426	<5	<0.2	1.61	25	225	25	0.43	<1	28	24	21	3.06	10	0.51	578	3	0.02	18	760	40	5	<20	34	0.11	<10	61	<10	9	61
163	36427	<5	<0.2	2.97	10	210	40	0.66	<1	23	25	30	5.21	<10	0.99	785	5	0.02	23	530	62	<5	<20	63	0.28	<10	99	<10	7	545
164	36428	<5	<0.2	2.64	15	220	35	0.59	<1	14	12	20	4.26	<10	0.66	581	3	0.02	11	430	58	<5	<20	70	0.19	<10	68	<10	7	135
165	36429	<5	0.2	1.40	15	180	15	0.33	<1	14	17	23	2.85	<10	0.60	242	2	0.03	11	430	34	<5	<20	49	0.10	<10	69	<10	6	47
166	36430	<5	<0.2	1.62	15	195	35	0.28	<1	16	16	26	3.47	<10	0.68	271	4	0.03	11	380	42	<5	<20	55	0.12	<10	84	<10	6	48
167	36431	<5	<0.2	1.68	15	245	20	0.41	<1	14	17	26	3.21	10	0.75	337	2	0.02	11	480	38	<5	<20	53	0.14	<10	74	<10	8	55
168	36432	<5	0.2	1.80	25	265	15	0.37	<1	12	13	21	3.21	10	0.69	408	3	0.02	10	380	38	<5	<20	44	0.17	<10	64	<10	9	62
169	36433	<5	<0.2	1.95	20	345	35	0.37	<1	11	15	18	3.19	20	0.69	371	1	0.02	11	270	42	<5	<20	45	0.18	<10	60	<10	6	66
170	36436	5	<0.2	1.58	15	175	10	0.37	<1	13	14	78	3.43	20	0.78	598	6	0.02	8	470	40	<5	<20	56	0.11	<10	78	<10	6	128
171	36437	5	0.2	1.74	15	225	20	0.42	<1	14	5	79	3.73	20	0.81	662	6	0.02	6	330	66	<5	<20	81	0.12	<10	76	<10	9	101
172	36438	85	<0.2	2.16	20	240	35	0.75	<1	16	14	33	4.76	<10	0.77	951	4	0.03	11	1130	42	<5	<20	69	0.13	<10	113	<10	9	242
173	36439	<5	<0.2	2.45	20	260	30	1.16	1	19	11	30	5.47	10	0.86	1347	8	0.02	9	1890	44	<5	<20	81	0.11	<10	110	<10	19	422
174	36440	5	<0.2	2.18	25	245	25	0.80	<1	19	24	35	3.92	<10	0.84	495	3	0.03	16	700	48	<5	<20	63	0.13	<10	117	<10	7	116
175	36441	<5	<0.2	1.79	15	205	20	0.92	<1	16	20	34	3.35	<10	0.61	378	2	0.04	13	1400	38	<5	<20	66	0.11	<10	91	<10	6	53
176	36442	<5	<0.2	1.26	15	185	20	0.51	<1	11	21	22	2.52	10	0.50	259	2	0.03	15	710	30	<5	<20	41	0.08	<10	60	<10	5	42
177	36443	<5	<0.2	1.48	20	230	5	0.62	<1	13	23	29	2.79	10	0.55	455	2	0.03	17	680	34	<5	<20	45	0.09	<10	68	<10	7	48
178	36444	<5	<0.2	1.38	15	210	5	0.57	<1	11	22	22	2.77	10	0.55	302	2	0.03	14	730	32	<5	<20	38	0.09	<10	66	<10	5	52
179	36445	<5	<0.2	1.44	20	275	15	0.74	<1	14	22	30	2.84	10	0.56	456	3	0.03	18	770	36	<5	<20	59	0.08	<10	66	<10	9	56
180	36446	<5	<0.2	1.31	15	200	15	0.61	<1	12	20	27	2.89	<10	0.57	299	3	0.03	15	810	32	<5	<20	50	0.08	<10	67	<10	7	49
181	36447	<5	<0.2	1.46	10	185	25	0.63	<1	14	19	25	3.28	<10	0.62	315	3	0.03	13	790	36	<5	<20	48	0.09	<10	77	<10	7	53
182	36448	10	<0.2	1.48	15	220	10	0.54	<1	11	22	20	2.82	<10	0.53	286	3	0.02	12	460	36	<5	<20	43	0.07	<10	72	<10	4	49
183	36449	10	<0.2	1.95	15	155	30	0.51	<1	20	14	24	4.27	<10	0.99	299	4	0.03	13	650	42	10	<20	47	0.08	<10	103	<10	4	31
184	36450	30	<0.2	3.01	<5	275	55	0.54	<1	24	4	66	>10	20	1.85	369	8	0.06	7	1610	58	<5	<20	247	0.18	<10	289	<10	5	71
185	400251	5	0.2	1.46	10	150	15	0.35	<1	16	7	30	3.16	10	0.66	216	4	0.01	6	320	36	<5	<20	39	0.05	<10	76	<10	8	68
186	400252	<5	<0.2	1.53	20	205	15	0.41	<1	11	25	21	2.81	10	0.63	327	3	0.02	15	380	38	<5	<20	38	0.10	<10	63	<10	6	53
187	400253	<5	<0.2	1.77	15	230	25	0.51	<1	14	24	26	3.29	10	0.65	491	3	0.02	16	420	40	<5	<20	42	0.10	<10	72	<10	10	60
188	400254	<5	<0.2	1.85	5	185	30	0.40	<1	17	18	28	4.37	<10	0.77	385	4	0.03	13	570	42	10	<20	48	0.09	<10	97	<10	6	55
189	400255	<5	<0.2	1.66	15	180	15	0.25	<1	15	21	18	3.49	<10	0.52	395	3	0.02	12	630	42	<5	<20	34	0.08	<10	74	<10	4	54
190	400256	<5	<0.2	1.67	10	245	5	0.47	<1	12	23	24	3.29	10	0.58	404	3	0.02	15	480	38	<5	<20	37	0.09	<10	66	<10	11	61

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
191	400257	<5	<0.2	1.55	5	190	20	0.30	<1	11	21	18	3.33	<10	0.60	664	4	0.02	12	560	36	<5	<20	37	0.09	<10	74	<10	4	66
192	400258	<5	<0.2	1.76	5	240	10	0.57	<1	13	22	25	3.37	10	0.71	428	3	0.02	13	630	40	<5	<20	45	0.09	<10	80	<10	7	67
193	400259	<5	<0.2	1.54	10	240	15	0.58	<1	12	20	26	2.97	10	0.61	500	3	0.02	13	610	36	<5	<20	38	0.07	<10	68	<10	10	71
194	400260	<5	<0.2	1.36	10	170	25	0.48	<1	11	28	19	2.80	10	0.91	492	3	0.01	30	730	36	10	<20	31	0.05	<10	75	<10	8	122
195	400261	<5	<0.2	1.50	15	240	10	0.58	<1	12	21	25	2.91	10	0.61	416	4	0.02	13	620	38	<5	<20	51	0.06	<10	67	<10	11	70
196	400262	<5	<0.2	1.48	15	240	15	0.50	<1	12	22	22	3.03	10	0.61	382	4	0.02	12	490	38	5	<20	46	0.07	<10	70	<10	8	66
197	400263	<5	<0.2	1.34	10	200	20	0.52	<1	10	25	24	2.74	10	0.66	401	3	0.02	15	640	36	<5	<20	52	0.06	<10	71	<10	6	84
198	400264	<5	<0.2	1.34	15	220	15	0.72	<1	10	23	25	2.59	10	0.63	479	3	0.02	14	730	36	5	<20	58	0.06	<10	66	<10	7	74
199	400265	5	0.3	1.66	20	215	5	0.53	<1	10	16	148	2.42	20	0.42	316	3	0.02	12	460	44	<5	<20	79	0.08	<10	48	<10	11	58
200	400266	10	<0.2	1.57	15	215	15	0.28	<1	9	20	145	2.71	10	0.50	205	4	0.02	15	280	40	<5	<20	40	0.08	<10	56	<10	5	55
201	400267	<5	0.2	1.67	10	160	10	0.36	<1	11	13	86	2.57	20	0.53	391	4	0.02	11	350	48	5	<20	44	0.11	<10	46	<10	7	95
202	400268	20	0.7	1.67	20	255	<5	0.31	<1	11	24	358	3.23	20	0.79	249	8	0.03	20	570	46	<5	<20	42	0.11	<10	76	<10	5	77
203	400269	70	0.9	2.65	30	360	<5	0.41	<1	34	79	2497	5.46	20	1.62	478	9	0.03	62	620	68	10	<20	58	0.16	<10	106	<10	10	159
204	400270	5	0.7	1.75	10	250	<5	0.31	<1	13	26	137	3.04	<10	0.95	241	6	0.02	24	640	40	15	<20	31	0.12	<10	86	<10	2	72
205	400271	<5	<0.2	1.84	20	270	20	0.57	<1	19	46	25	3.15	<10	0.79	414	3	0.03	14	300	42	<5	<20	66	0.13	<10	90	<10	5	60
206	400272	<5	0.2	2.03	15	225	30	0.45	<1	21	18	54	5.09	10	0.71	289	4	0.05	12	660	54	<5	<20	103	0.16	<10	178	<10	5	89
207	400273	<5	<0.2	2.20	20	200	30	0.37	<1	19	12	32	3.62	20	1.05	285	5	0.02	11	300	52	10	<20	46	0.12	<10	59	<10	33	70
208	400274	<5	<0.2	1.53	15	195	30	0.47	<1	15	23	30	3.26	10	0.67	319	3	0.04	15	660	40	<5	<20	57	0.09	<10	78	<10	12	54
209	400275	<5	<0.2	1.39	20	255	20	0.54	<1	13	26	29	2.83	10	0.62	291	3	0.03	20	710	38	5	<20	59	0.09	<10	67	<10	9	48
210	400276	<5	<0.2	1.31	20	295	10	1.21	<1	11	24	31	2.65	10	0.70	344	3	0.03	22	720	36	5	<20	74	0.08	<10	59	<10	9	50
211	400277	5	0.2	1.25	5	275	15	1.19	<1	11	21	33	2.66	10	0.62	347	2	0.03	21	590	30	<5	<20	62	0.08	<10	58	<10	7	49
212	400278	<5	<0.2	1.45	20	105	5	0.23	<1	8	7	20	2.37	20	0.49	362	3	0.01	5	260	42	<5	<20	32	0.07	<10	40	<10	5	100
213	400279	<5	<0.2	1.38	30	145	25	0.11	<1	9	17	31	3.18	10	0.30	312	4	0.01	10	400	52	<5	<20	40	0.07	<10	63	<10	3	65
214	400280	10	0.2	1.40	25	210	15	0.23	<1	10	18	140	3.25	10	0.43	734	7	0.02	13	510	44	10	<20	52	0.07	<10	60	<10	3	79
215	400281	<5	0.4	1.79	15	280	<5	0.19	<1	16	28	201	3.38	<10	0.70	933	5	0.02	22	390	44	5	<20	30	0.09	<10	81	<10	1	88
216	400282	65	1.0	1.93	25	350	<5	0.22	<1	22	41	1050	5.02	20	1.03	521	33	0.02	38	420	54	<5	<20	47	0.10	<10	72	<10	12	133
217	400283	15	<0.2	2.27	30	315	<5	0.25	<1	28	52	600	3.31	20	1.71	682	5	0.02	43	640	60	15	<20	27	0.13	<10	101	<10	8	128
218	400284	<5	<0.2	2.01	30	240	30	0.45	<1	16	23	55	4.11	<10	0.99	325	5	0.04	10	550	54	10	<20	59	0.14	<10	114	<10	6	100
219	400285	<5	<0.2	1.74	30	195	30	0.25	<1	16	12	34	4.70	<10	0.78	306	4	0.04	8	770	46	5	<20	48	0.13	<10	107	<10	6	69
220	400286	<5	0.2	2.11	30	220	10	0.53	<1	17	8	20	2.21	<10	1.78	571	2	0.03	5	690	46	<5	<20	45	0.16	<10	184	<10	12	89
221	400287	<5	<0.2	1.81	10	175	20	0.34	<1	16	21	44	4.26	<10	0.84	299	5	0.06	13	510	42	<5	<20	64	0.10	<10	111	<10	4	67
222	400288	<5	<0.2	2.28	15	185	40	0.50	<1	19	6	70	5.71	<10	0.91	303	5	0.11	7	1140	56	<5	<20	81	0.15	<10	125	<10	5	127
223	400289	<5	<0.2	2.26	20	180	35	0.33	<1	23	19	56	5.21	<10	1.11	313	5	0.07	14	530	52	<5	<20	66	0.13	<10	147	<10	3	64
224	400290	<5	<0.2	1.56	10	190	30	0.25	<1	14	17	23	3.77	<10	0.78	216	4	0.04	11	510	40	<5	<20	51	0.10	<10	95	<10	4	38
225	36343	10	0.7	1.56	15	300	<5	0.32	<1	10	31	337	3.06	20	0.73	235	8	0.02	24	560	48	10	<20	40	0.10	<10	80	<10	8	101
226	36344	<5	0.2	1.49	20	190	15	0.46	<1	9	18	126	2.55	20	0.52	714	6	0.02	11	560	44	<5	<20	57	0.10	<10	49	<10	8	93
227	36345	<5	0.3	1.05	<5	275	5	0.17	<1	8	15	134	2.73	20	0.38	1279	7	0.02	12	920	32	<5	<20	27	0.09	<10	50	<10	6	115
228	36346	15	1.1	1.46	10	355	5	0.21	<1	12	39	323	3.48	20	0.81	289	10	0.02	34	950	48	<5	<20	35	0.09	<10	108	<10	5	112
229	36347	<5	0.6	1.67	15	320	10	0.18	<1	10	32	55	2.92	20	0.76	208	4	0.02	21	530	46	<5	<20	15	0.13	<10	75	<10	3	92
230	36348	<5	0.3	1.71	10	450	25	0.31	<1	10	32	39	3.18	20	0.86	253	4	0.02	20	690	50	<5	<20	40	0.11	<10	86	<10	6	101
231	36349	<5	<0.2	1.87	10	185	20	0.29	<1	12	23	35	3.30	<10	0.63	204	3	0.02	13	420	46	<5	<20	35	0.09	<10	86	<10	3	60
232	36350	<5	<0.2	1.48	15	190	30	0.35	<1	15	19	27	3.11	<10	0.64	276	4	0.03	13	480	38	<5	<20	47	0.09	<10	82	<10	6	52

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
OC DATA:																														
Repeat:																														
1	36251	<5	<0.2	1.58	10	275	25	0.09	<1	7	6	21	3.94	<10	0.62	260	3	0.03	4	430	34	<5	<20	24	0.12	<10	40	<10	<1	49
10	36260	<5	<0.2	1.58	15	70	5	0.75	<1	7	4	26	1.73	20	0.40	401	2	0.01	2	200	38	<5	<20	79	0.06	<10	25	<10	4	87
19	36269	<5	<0.2	2.04	20	150	20	0.32	<1	10	19	23	2.77	<10	0.53	281	2	0.02	13	250	48	<5	<20	50	0.09	<10	57	<10	2	54
28	36278	<5	<0.2	2.54	<5	200	40	0.21	<1	13	6	52	7.00	<10	1.50	324	6	0.11	5	1050	50	<5	<20	114	0.13	<10	182	<10	1	87
36	36286	<5	0.3	1.91	<5	205	20	0.28	<1	8	14	36	3.93	<10	0.76	175	3	0.04	8	790	40	<5	<20	60	0.09	<10	93	<10	2	50
45	36295	<5	<0.2	1.79	15	90	15	0.37	<1	8	5	23	2.20	10	0.48	328	3	0.01	6	230	42	10	<20	51	0.09	<10	34	<10	4	91
54	36304	<5	<0.2	1.48	<5	235	10	0.56	<1	14	23	22	2.45	10	0.52	748	3	0.02	15	610	34	5	<20	45	0.06	<10	55	<10	7	58
63	36317	<5	<0.2	1.84	15	240	20	0.43	<1	13	18	30	4.34	10	0.97	396	4	0.05	11	630	40	5	<20	61	0.11	<10	106	<10	9	72
71	36325	10	0.2	1.73	15	525	5	0.45	<1	9	39	210	3.12	10	1.11	380	5	0.02	21	820	56	<5	<20	49	0.10	<10	108	<10	7	134
80	36335	<5	<0.2	1.52	10	220	10	0.67	<1	18	26	33	2.96	10	0.63	456	4	0.03	23	560	38	<5	<20	51	0.09	<10	72	<10	8	64
89	36353	<5	<0.2	1.35	5	160	20	0.51	<1	14	13	25	3.33	<10	0.56	382	4	0.03	8	760	48	<5	<20	35	0.10	<10	90	<10	3	86
98	36362	<5	<0.2	1.80	15	120	10	0.15	<1	10	20	22	3.43	20	0.42	272	4	0.02	11	470	50	<5	<20	20	0.08	<10	68	<10	9	74
106	36370	5	0.9	1.78	20	135	10	0.11	<1	10	19	199	3.26	10	0.37	211	11	0.02	11	370	48	<5	<20	17	0.06	<10	73	<10	3	102
115	36379	<5	<0.2	1.79	15	200	20	0.38	<1	11	15	49	4.77	<10	0.78	238	5	0.06	10	1090	40	5	<20	59	0.11	<10	98	<10	3	78
124	36388	<5	<0.2	1.62	15	280	10	0.47	<1	27	32	16	3.39	10	0.96	1491	5	0.02	35	930	42	<5	<20	35	0.07	<10	92	<10	5	110
133	36397	10	<0.2	0.53	<5	290	5	1.17	<1	5	7	57	1.53	10	0.11	133	3	0.05	11	990	22	<5	<20	82	0.02	<10	8	<10	10	38
141	36405	<5	<0.2	1.62	10	200	20	0.37	<1	12	18	19	3.10	<10	0.56	421	3	0.02	11	290	38	<5	<20	50	0.10	<10	70	<10	8	64
150	36414	<5	0.2	1.45	10	205	10	0.45	<1	13	26	98	2.94	<10	0.74	320	4	0.02	14	510	36	<5	<20	45	0.09	<10	72	<10	4	75
159	36423	<5	0.2	1.63	20	260	20	0.53	<1	12	23	28	3.12	10	0.68	325	2	0.03	15	620	38	<5	<20	57	0.09	<10	74	<10	8	57
168	36432	<5	<0.2	1.71	15	245	15	0.37	<1	11	13	19	3.17	10	0.69	382	2	0.02	9	410	36	<5	<20	43	0.16	<10	62	<10	9	62
176	36442	<5	<0.2	1.28	10	190	20	0.52	<1	12	22	22	2.55	10	0.50	274	2	0.03	15	740	32	<5	<20	49	0.08	<10	61	<10	6	43
185	400251	5	<0.2	1.52	10	150	15	0.36	<1	16	7	32	3.14	20	0.72	225	5	0.01	7	310	34	10	<20	38	0.05	<10	76	<10	8	70
194	400260	<5	<0.2	1.36	15	170	20	0.47	<1	12	29	19	2.86	10	0.91	491	4	0.01	32	730	36	<5	<20	31	0.05	<10	77	<10	8	123
203	400269	60	1.1	2.64	20	370	<5	0.41	<1	32	77	2417	5.51	20	1.57	487	8	0.03	59	620	64	5	<20	51	0.16	<10	107	<10	10	156
211	400277	5	<0.2	1.27	25	290	15	1.15	<1	12	23	34	2.72	10	0.63	345	2	0.03	22	600	30	<5	<20	61	0.09	<10	60	<10	7	49
220	400286	<5	<0.2	2.08	20	210	10	0.53	<1	17	7	19	2.28	<10	1.78	611	3	0.03	5	700	42	15	<20	39	0.15	<10	185	<10	12	89
229	36347		0.6	1.68	15	310	10	0.18	<1	10	32	55	2.90	10	0.77	208	4	0.02	21	540	44	5	<20	23	0.14	<10	74	<10	3	92
Standard:																														
Till - 3			1.5	1.02	80	55	5	0.48	<1	13	57	21	2.02	10	0.58	301	3	0.03	30	450	35	10	<20	18	0.06	<10	36	<10	6	37
Till - 3			1.5	1.02	80	55	10	0.49	<1	13	58	21	2.02	10	0.57	302	3	0.03	29	450	35	10	<20	18	0.06	<10	37	<10	6	39
Till - 3			1.4	1.00	80	60	5	0.49	1	13	56	20	1.98	10	0.56	300	2	0.03	30	440	36	5	<20	15	0.05	<10	38	<10	7	39
Till - 3			1.4	1.03	70	50	5	0.50	2	13	57	21	2.00	10	0.58	305	3	0.03	30	440	36	10	<20	12	0.06	<10	36	<10	6	38
Till - 3			1.5	1.03	80	60	10	0.49	1	13	58	21	2.01	10	0.58	309	1	0.03	28	450	36	5	<20	18	0.07	<10	39	<10	7	38
Till - 3			1.5	1.02	80	55	5	0.50	1	13	58	29	2.00	10	0.57	305	3	0.03	30	460	30	5	<20	12	0.06	<10	37	<10	7	37
Till - 3			1.5	1.00	75	55	5	0.48	2	13	56	20	1.98	10	0.56	300	2	0.03	30	430	34	5	<20	16	0.06	<10	36	<10	6	40
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