Reconnaissance Geochemistry

of the

Mud Lake Property,

Cbt Claim Group

East-Central British Columbia

Niobi 1 thru 4 and Cbt 1 thru 12 Claims

Geographic Coordinates

52°09'N and 119°11'W

NTS 083D/03E

Owner and Operator:

Blue River Resources Corp

By

Ryan Grywul, BSc.,

Jeff Reeder, BSc., P.Geo

February 28, 2002

Edmonton, Alberta

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Introduction and Summary

The Cbt Claim Group, consisting of four contiguous 4-post claims and twelve 2-post claims, is located in central British Columbia near the town of Blue River. The claims were staked by Blue River Resources Corp to cover possible tantalum (Ta) and niobium (Nb) bearing carbonatites. Stream sediment, soil, and rock samples were collected on the property between October 18 and 22, 2002, to locate possible areas of Ta and Nb mineralization. Stream sediment samples were also analyzed for gold. In all, 11 stream sediment samples, 38 soil samples, and 5 rock samples were collected. Acme Laboratories of Vancouver analyzed these samples.

Blue River Resources contracted Jeff Reeder B.Sc., P.Geo and Ryan Grywul, B.Sc., to perform the sampling with the aid of an assistant. On October 19, John Kruszewski of Blue River Resources joined the 2 man crew for one day of prospecting, orienteering, and guidance to areas previously explored by himself.

Previous and current exploration in the Blue River area shows that tantalum and niobium are associated with the minerals pyrochlore and columbite in the carbonatites. Due to the resistant nature of pyrochlore and columbite and the recessive nature of the carbonatite groundmass, it was determined that stream sediment sampling is an excellent regional exploration tool.

Results from the stream sediment samples indicate anomalous areas of Ta and Nb on the Niobi 2 and 4 claims. The best result is located in the northeast portion of the claim group. Sample 12901 returned 58.8 ppm Ta and 297 ppm Nb which is considered highly anomalous. Further exploration is recommended up-drainage from these sites. The heavy mineral samples were also analyzed for gold but no significant anomalous values were encountered. Results from the rock and soils samples were poor.

Property Description and Location

The Mud Lake property, NTS 083D/03E, is located within the Kamloops Mining Division near the town of Blue River, central British Columbia (figures 1 and 2). The property is comprised of nine contiguous 4-post claims totaling 154 claim units and twelve 2-post claims totaling 12 claim units. For assessment purposes the property is split into a western claim group, the Cbt Claim group and an eastern claim group, the Niobi claim group (figure 2). The Cbt claim group totaling 74 claim units is the focus of this assessment report.

Of the 166 total claim units, the Cbt Claim Group consists of four 4-post claims totaling 62 claim units and twelve 2-post claims consisting of 12 claim units. The Tanis claim (4 units) predates the Niobi claims that surround it. Claim information for this assessment is listed in table 1 and the positions of these claims along with the approximate location of the Tanis claim are displayed in figures 2 and 3.

Table 1: List of Mineral Claims, Mud Lake Property, Cbt Claim Group

Claim Name	Tenure Number	Claim Type	Units	New Expiry Date
Niobi 1	390902	4-post	20	2003-Dec-11
Niobi 2	390903	4-post	18	2003-Dec-11
Niobi 3	390904	4-post	6	2003-Dec-11
Niobi 4	390718	4-post	18	2003-Dec-11
Cbt 1	394055	2-post	1	2003-Dec-11
Cbt 2	394056	2-post	1	2003-Dec-11
Cbt 3	394057	2-post	1	2003-Dec-11
Cbt 4	394058	2-post	1	2003-Dec-11
Cbt 5	394059	2-post	1	2003-Dec-11
Cbt 6	394060	2-post	1	2003-Dec-11
Cbt 7	394061	2-post	1	2003-Dec-11
Cbt 8	394062	2-post	1	2003-Dec-11
Cbt 9	394063	2-post	1	2003-Dec-11
Cbt 10	394064	2-post	1	2003-Dec-11
Cbt 11	394065	2-post	1	2003-Dec-11
Cbt 12	394066	2-post	1	2003-Dec-11

Access and Infrastructure

The Cbt Claim Group is located in an east-west trending valley off of the North Thompson Valley in the Monashee Mountain Ranges. The Mud Lake Delta Provincial Park overlaps the southern and southeastern tip of Niobi 3. The central portion of the property is located approximately 10 kilometers northeast of Blue River. Accommodations and supplies are available in Blue River.

British Columbia Yellowhead Highway 5 provides access to the Mud Lake property. Direct access to the property is via the Redsands/Mud Lake logging road approximately 3 kilometers north of Blue River east of Highway 5. The most western portion of the Cbt claim group is located near kilometer 6 of the Mud Lake logging road. A network of logging roads branching off of the Mud Lake logging road provides access to various parts of the claims. Much of the property is accessible by foot.

Topography and Climate

Occupying the northern portions of the Mud Lake/Mud Creek valley, the Cbt claim group is generally steep sloped and mainly alpine. The slope of the western half of the claim group dips south-southwest and the eastern half dips south. A prominent northeast-southwest trending unnamed creek that drains into Mud Lake dissects the claim group and controls much of the topography. Mud Lake is at an elevation of 695 meters and the highest elevation is 1950 meters on a ridge in the southwest corner of Niobi 4. Cliffs are prominent over much of Niobi 3 and continue upslope into part of Niobi 2.

Forest cover includes Western Red Cedar, Western White Pine, Douglas Fir, Balsam, Spruce, and Lodgepole Pine with variable amounts of Alder, Birch, Devils Club, and Willow.

Temperature ranges are variable with summer values exceeding 30°C and winter values less than -30°C. The July mean is 16.3°C and the January mean is -9.4°C (Blue River Community Profile). Annual precipitation averages 96cm and can be greater than 127cm. During the winter, over 4m of snow can fall in the valleys.

History

To date, eight carbonatite occurrences have been discovered in the Blue River area. These occurrences are the Verity, Paradise Lake, Howard Creek, Serpentine Creek, Fir, Bone Creek, Gum Creek, and Mud Lake/AEG carbonatites. The first staked occurrence was the Verity by OE French in 1950 (McCammon, 1950, from Rowe, 1958). In 1951, French discovered that the vermiculite bearing carbonate rocks were radioactive. In 1952, St.

Eugene Mining Corporation Ltd. optioned the several properties and conducted trenching, stripping, prospecting, and geological mapping. In 1955, St. Eugene dropped the property. Further studies by the British Columbia Department of Mines and the Geological Survey of Canada determined that carbonatites in the Blue River area contained pyrochlore and columbite (Rowe, 1958).

In 1976, John Kruszewski re-staked the area and trenching, and ground geophysics were later performed (Jackson et al, 1978, and Ahroon, 1980). Between 1979 and 1980, regional exploration in the area resulted in further carbonatite discoveries at Mud Lake, Bone Creek, and Fir. In 1980 Anschutz Mining Corporation optioned the properties from Kruszewski and conducted airborne and ground geophysical surveys, combined with geological mapping, sampling, and limited drilling (Ahroon, 1980). In 1981, Anschutz (Canada) Mining Ltd. carried out additional geological mapping, sampling, prospecting, and extensive diamond drilling on the Fir, Mill, and Verity carbonatites. Additional carbonatites were discovered at Gum and Serpentine Creek in the summers of 1987 and 1988 (Digel et al, 1989).

The claims covering the Verity and Fir carbonatites were allowed to lapse and in 2000, Commerce Resources re-staked the known carbonatite showings in the area. Since staking the Verity and Fir carbonatites, Commerce Resources has conducted an extensive exploration program including diamond drilling both on the Verity and Fir properties.

Table 2: Summary History of Exploration for Carbonatites in the Blue River Area, British Columbia

Year	Description
1950	**O.E. French stakes Verity occurrence for vermiculite (Rowe, 1958).**
1951	**Pyrochlore and Columbite discovered in Verity (Rowe, 1958).**
1952-55	**St. Eugene Mining Corp. options property in 1952 (Rowe, 1958). St. Eugene conducts trenching, stripping, prospecting, and geological mapping from 1952-1954 (Rowe, 1958).**
1976	**J. Kruszewski restaked the area covering the Verity and Fir carbonatites.**
1979-80	**Mud Lake, Bone Creek, and Fir carbonatites discovered. Airborne and ground geophysics, mapping, sampling, and drilling (Ahroon, 1980)**
1981	**Geological mapping, sampling, prospecting, and drilling on the Fir, Mill, and Verity carbonatites (Aaquist, 1982)**
1987-88	**Gum and Serpentine Creek carbonatites discovered (Digel et al, 1989)**
2001	**Blue River Resources staked the Niobi Claims covering prospective geology to host tantalum and niobium bearing carbonatites**

Between May and November 2001, Blue River Resources Corp staked and prospected the Niobi 1, 2, 3, 4, 5, 8, 9, 10, and 11 claims in the area that surrounds the Mud Lake carbonatite. The Tanis claim covers the AEG/Mud Lake carbonatite showing (MINFILE# 083D 037). The Niobi claims surround the Tanis and Lauren claims owned by Neil Giesbrecht.

Regional Geology

The Blue River carbonatites are situated in the Monashee Mountains within the pericratonic and displaced terranes that occupy the Omineca Tectonic Belt of the Canadian Cordillera. Furthermore, the carbonatites are situated near the northeast margin of the Shuswap Metamorphic Complex (Simandl et al, 2001). Pell (1987) divided the carbonatite occurrences in British Columbia into three northwest trending belts that are juxtaposed with the Rocky Mountain Trench. Under Pell's divisions, the Blue River carbonatites including the Mud Lake occurrence are located in the central carbonatite belt. Pell shows that this belt extends 50 kilometers west of the Rocky Mountain Trench.

Late Proterozoic (Hadrynian) metasediments of the Horsethief Creek Group dominate the area stratigraphy and host the Blue River carbonatites. Campbell (1968) described the rocks of the Horsethief Creek Group as consisting of gritty feldspathic quartzite, phyllite, quartz-mica schist, biotitic and/or hornblendic quartz feldspathic gneiss. Marble and calc-silicates also occur in these rocks and pegmatite pods and dykes intrude all lithologies in the area.

The intrusives rocks are determined to Devonian-Carboniferous in age (Pell, 1987 and Hamilton and Olsen, 1994). The placement of these intrusive rocks occurred prior to deformation and metamorphism associated with the Columbian Orogeny (Pell, 1985). The carbonatites of the area as well as the hosting metasediments have been metamorphosed to upper amphibolite grade (silliminite to kyanite). Pell (1985) further describes the Blue River area carbonatites as foliated deformed sill like bodies.

Property Geology

The Mud Lake area borders the late Proterozoic Shuswap Metamorphic Complex. Mapping by Campbell (1968) shows the Shuswap Metamorphic Complex is situated to the south of the Mud Lake/Mud Creek valley and the Horsethief Creek Group to the north. The Shuswap Metamorphic Complex was described by Campbell (1968) as biotitic and/or hornblendic quartzo feldspathic gneiss, silliminite-garnet-quartz-mica schist and gneiss, amphibolite, pegmatite, foliated granitic rocks, minor augen gneiss and marble.

Neil Giesbrecht who currently owns the Tanis claim is reported to cover the main carbonatite showing in the Mud Lake area. The outcrop is sill-like and concordant with the regional gneissosity of the hosting Horsethief Creek Group (Capsule Geology, Ministry of Energy and Mines). According to White (1982), the mineralogy of the Mud Lake/AEG carbonatite consists of

dolomite, calcite, apatite, ilmenite, forsterite, tremolite-actinolite, chlorite, antigorite, vermiculite, talc, and pyrrhotite along with phlogopite, chondrodite, pyroxene, magnetite, and limonite. Pyrochlore, columbite, and zircon may be present in trace amounts (Capsule Geology).

However the showings that the Tanis claims cover were in fact not carbonatite bodies. In addition the showings visited by the Kruszewski and Grywul were not carbonatities but rather leucocratic gneissic rocks.

October 2002 Exploration Program

The authors were hired by Blue River Resources to assess the Mud Lake Property. The Cbt Claim Group was staked to cover the Mud Lake/AEG carbonatite showings and it's possible extentions. The survey cost is to be applied for assessment credit. The commodities of interest on the property are Ta, Nb, REE's, P, and U hosted in carbonatites. The type of work chosen was reconnaissance geochemical sampling of the drainage system by collecting heavy mineral pan concentrates. Soil sampling and rock sampling were performed in areas where John Kruszewski previously explored.

Fifty-four samples were taken in total between October 18 and 22, 2002. These samples include 11 stream sediment heavy mineral concentrates, 38 soil, and 5 rock. The stream sediment heavy mineral concentrate sample sequence is 12901 to 12910 and 12931. Sample 12901A was a heavy mineral pan concentrate of the material expelled from heavy mineral pan concentrating sample 12901 and was taken to check the sampling method. Samples 12920 to 12929 and 12932 to 12959 were soil samples where as samples 12911 to 12915 were rock samples.

Objective of the Geochemical Survey

The focus of the exploration program was to locate anomalous zones of the above mentioned commodities for follow up in future surveys and/or discover new carbonatite exposures.

Carbonatites are rare ultramafic igneous rocks composed of >50% carbonate minerals. Carbonatites contain unusual minerals including apatite, pyrochlore, and columbite. Important commodities produced from carbonatites are P_2O_5 (from apatite), Nb (from pyrochlore), zirconium, and REE's. According to Aaquist (1982), pyrochlores in the Blue River area have the highest concentration of tantalum of any carbonatite in the world.

Due to the recessive nature of carbonatite bodies, stream sediment sampling is considered an excellent exploration tool. Pyrochlore is a tantalum and

niobium bearing mineral that occurs with these rocks and is generally more resistant to weathering than the carbonate rich groundmass. Therefore, pyrochlores should weather out of the carbonatite and concentrate in creeks and gullies. Similarly, the resilient nature of pyrochlore makes soil sampling a good exploration tool. As the carbonatite weathers and breaks down to soil more resilient minerals should concentrate.

The field program consisted of sampling the drainage system on the mineral claims. Streams were selected based on a good flow of water and availability of sufficient sediment for an adequate sample. Some streams sampled were not flowing in October but were noted to flow during an earlier visit to the property in May, 2002. A soil grid was placed south of and down slope of the Mud Lake/AEG showing. The B soil horizon was sampled.

Field Sampling Method and Assay Procedures

Stream Sediment Heavy Mineral Pan Concentrates

The same volume of sediment was collected at each sample site and then bagged for panning at a separate location in order to maximize sample collection in the field. Each sample was carefully panned to roughly the same volume. To ensure quality, a total of 2 ½ hours of screening and panning were required on each sample. Attempts were made to collect concentrates from various elevations in the Mud Creek valley. Sample sites were marked in the field with an orange flag and located on the map using a Garmin 12 hand held GPS unit. Appendix B gives the UTM coordinates of each pan-concentrate sample and a brief description.

Soil Samples

Soil lines were established in a north-south direction downslope of the Mud Lake/AEG carbonatite showing. The area had evidence of previous exploration. Sample lines were spaced at 100 meters over a steep southerly slope and sample spacing along the lines was 50 meters. Each sample location was marked with a grid number, a sample number, and an orange flag. Also, a flag was tied every 25 meters between sample stations. Every 100 meters and where possible a Garmin 12 hand held GPS coordinate was taken for sample location on a map. Care was taken to ensure that the B soil horizon and roughly the same volume of soil was taken at each sample site. Appendix C shows UTM coordinates of each soil sample and a brief description. Figure 4 shows the relative positions of the soil samples.

Rock Samples

The rock samples were taken from a road cut located near the western boundary of the Tanis claim. These were marked in the field by a pink and a

blue flag with the sample number written on them. A Garmin 12 hand held GPS coordinate was taken to locate each sample. 4 grab samples and one float sample were taken. Appendix D shows UTM coordinates of each rock sample and a brief description.

Acme Analytical Laboratories Ltd.

The samples were prepared and analyzed by Acme Analytical Laboratories Ltd. located in Vancouver. Each sample was analyzed for trace elements by $LiBO_2$ fusion and finished by an ICP-MS method. Each stream sediment heavy mineral concentrate was analyzed for gold by Au fire assay. Explanations of the lab methods are noted in the Geochemical Analysis Certificates in Appendix E.

Conclusions

Stream Sediment Heavy Mineral Pan Concentrates

The results indicate highly anomalous Ta and Nb values at sample locations 12901, 12902, 12906, and 12908 (figure 3). The sources of the Ta and Nb anomalies are upstream from these locations. The results define the area into two areas, which could host possible Ta and Nb mineralization.

The best sample result was from 12901, which yielded 58.8ppm Ta and 297.5 ppm Nb. The source of this anomaly can be either in two locations. It may be located south of the anomaly draining from north sloping topographic high. Sample 12902 taken from a small creek draining this area returned anomalous Ta and Nb. A second likely source may also lie upstream and outside of the Mud Lake property.

The second area of interest is west of the Tanis claims. Samples 12906 and 12908 were highly anomalous in both Ta and Nb. Samples upstream from these samples sites returned poor results indicating that the source of the Ta and Nb mineralization is between sample sites.

Samples 12909, 12910, and 12931 taken on the Niobi 1 claim are considered background. Sample 12908 returned anomalous gold but is considered weak. No anomalous gold values were encountered in the other samples.

Soil Samples

No anomalous soil samples were found in this study. The soil grid location was placed in an area where there was previously exploration. Several small showings were trenched during the late 70's (Kruszewski, personal communication). Results from the soil samples do not indicate anomalous zones of Ta, Nb, or U and do not indicate the presence of a carbonatite body in this area.

Rock Samples

No anomalous rock samples were found in this study. The rocks sampled were not carbonatite and the carbonate bearing rocks sampled were Horsethief Creek Group marbles and calc-silicates.

Recommendations

A three-phase exploration program should be conducted on the Mud Lake Property. The purpose is to locate the source of the Ta and Nb anomalies as well as to find additional anomalous areas. The exploration program is estimated to cost $40,000.00. Each phase is dependent on the results of the previous work.

Phase 1): Prospecting and sampling in creeks and gullies with anomalous tantalum. This will include detailed mapping and sampling of outcrop exposures and continuing heavy mineral concentrate sampling at 100 meter intervals upstream from anomalous samples.

Phase 2): Detailed grid work including mapping and soil sampling upstream from anomalous heavy mineral concentrates defined in phase 1. Grid lines should be placed 100 meters apart and sampled at 25 meter intervals. This also includes regional prospecting and mapping.

Phase 3): Magnetic surveys and further detailed mapping on a grid. The purpose of this phase is to define trenching and drill targets.

Appendix F outlines the proposed budget.

Respectfully Submitted

Ryan Gr[illegible] B.Sc.

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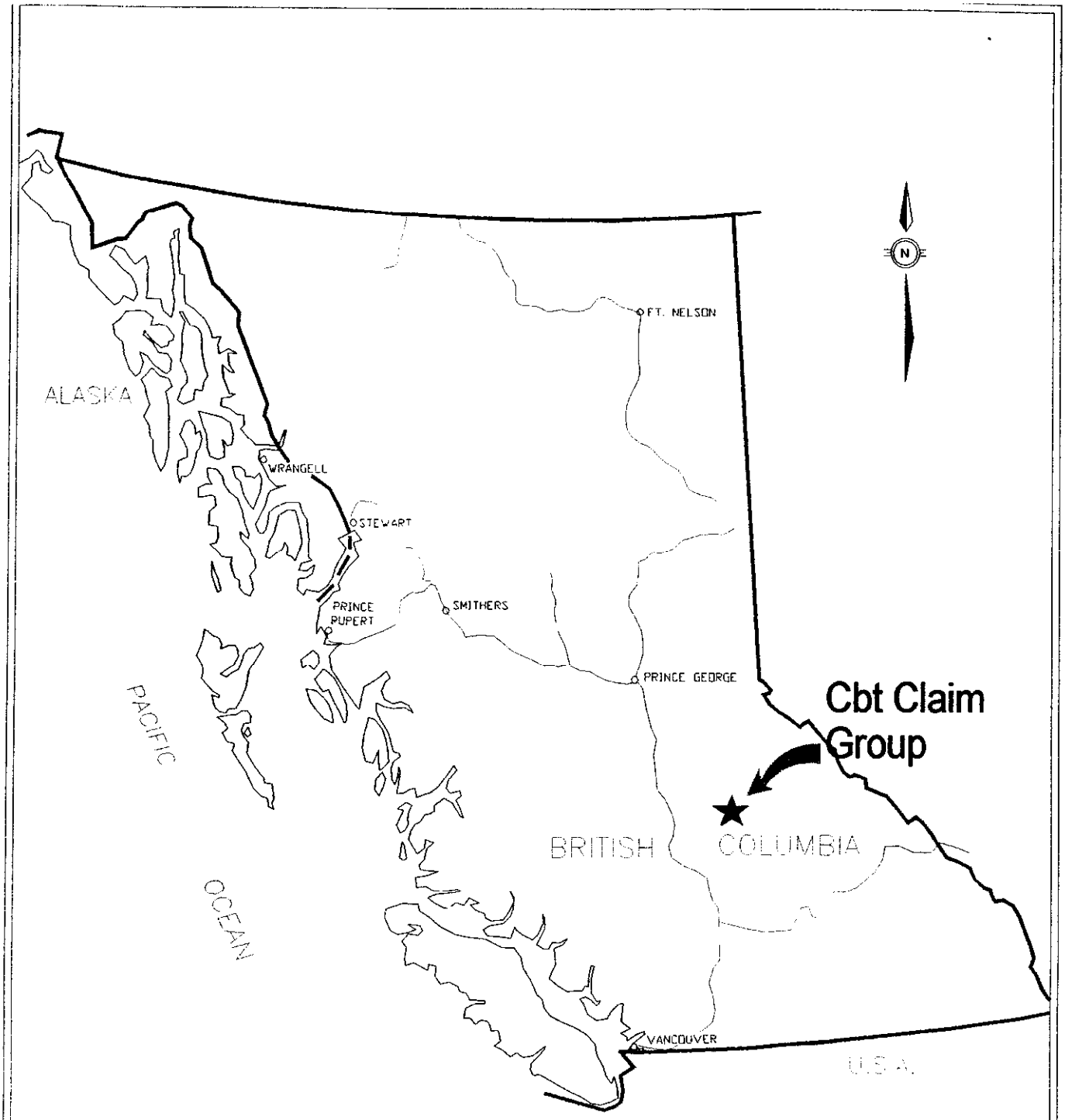
Appendix A - Figures



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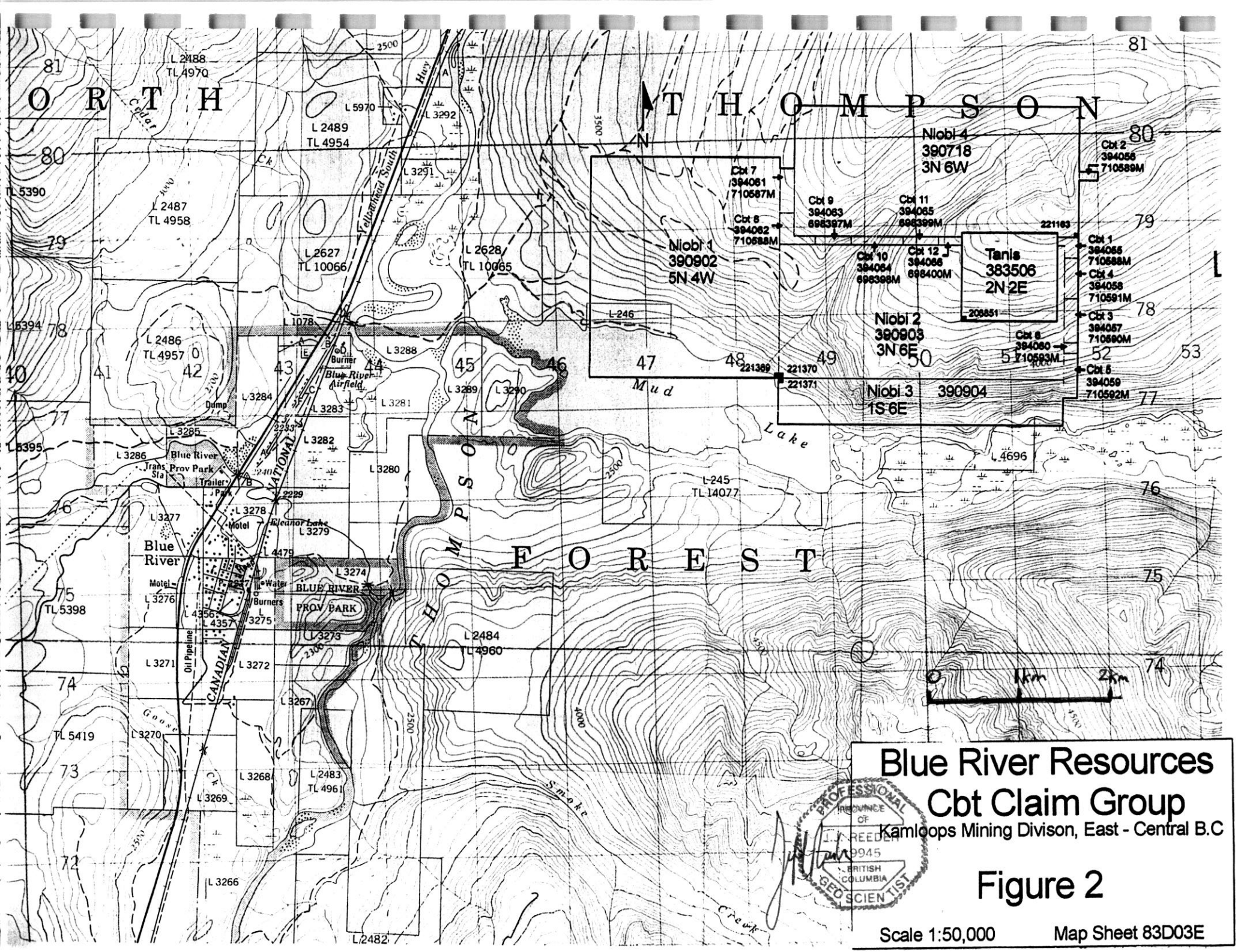
BLUE RIVER RESOURCES

Cbt Claim Group

Kamloops Mining Division

LOCATION MAP

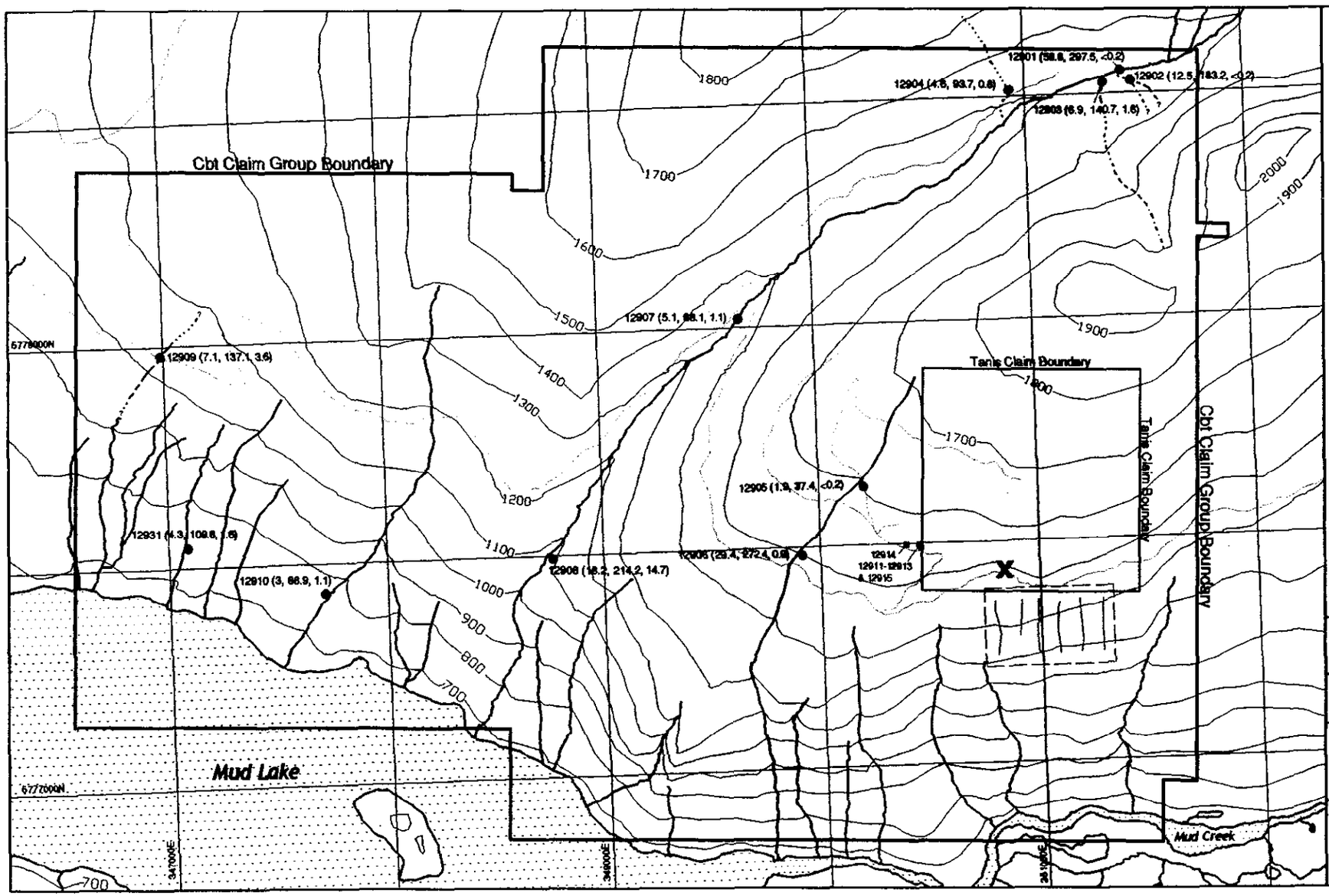
SCALE: As Shown	DRAWN BY: Jeff Reeder	FILE: Nloloca.dwg
DATE: Dec 2002	N.T.S. 83D03	FIGURE: 1



Blue River Resources
Cbt Claim Group
Kamloops Mining Divison, East - Central B.C

Figure 2

Scale 1:50,000 Map Sheet 83D03E



N

Legend

Mud Lake Carbonatite Showing

Rock Sample Locations

Area Detailed in Fig. 4

Pan Concentrate Sample Locations

Drainage

Drainage Inferred

Pan Con Assay Results

12908 (18.2, 214.2, 14.7)

- Gold (ppb)
- Niobium (ppm)
- Tantalum (ppm)
- Sample Number

Notes: Grid is NAD 27, Contour Interval is 100m

Blue River Resources Corp.

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Figure 3
Sample Locations and Pan Con Results Map

0 250 500 750 1000
(meters)
1 : 25000

RG 2003.01

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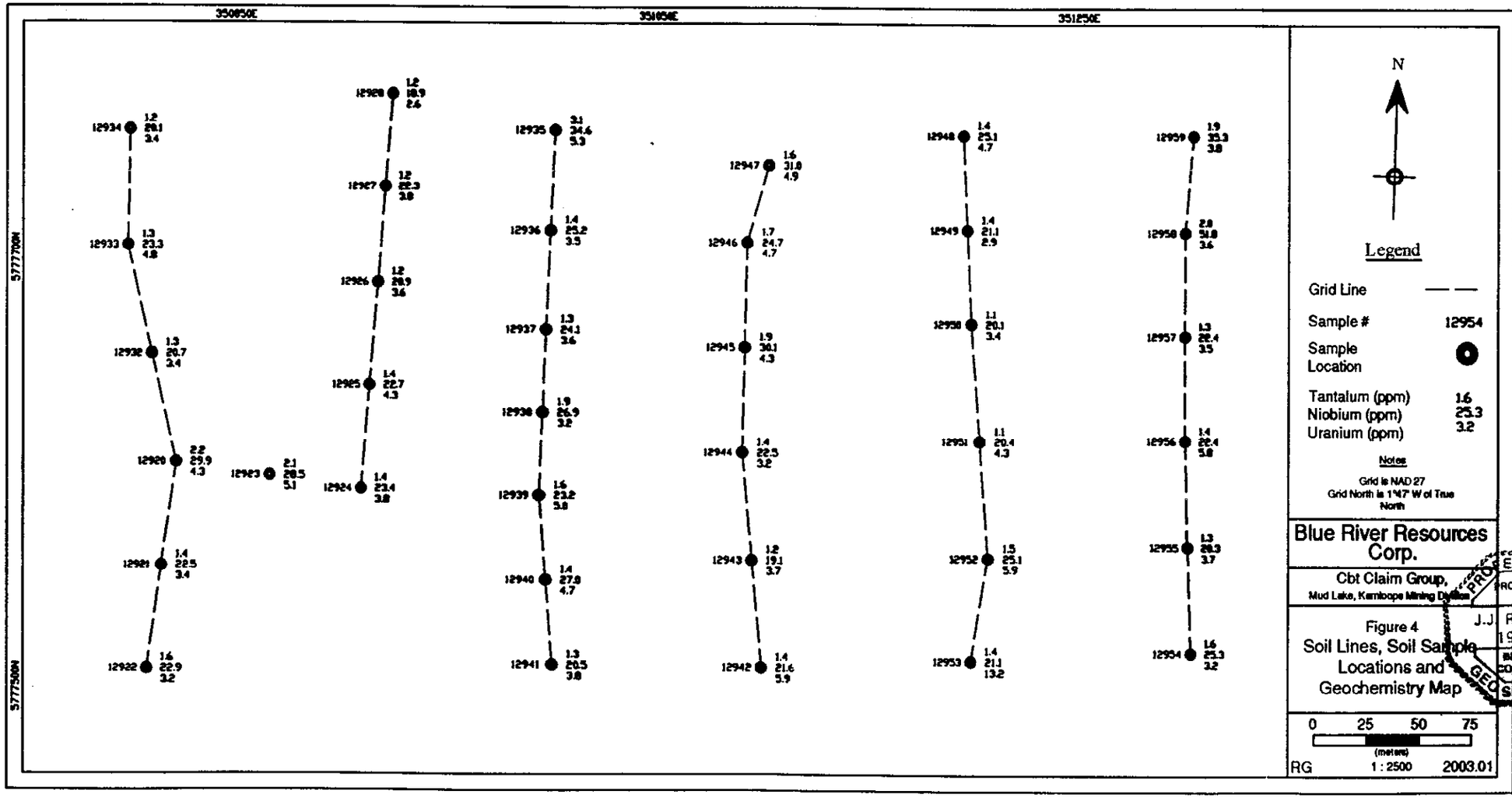
350850E
351050E
351250E
5777700N
5777500N
12934 1.2 28.1 3.4
12933 1.3 23.3 4.8
12932 1.3 20.7 3.4
12920 2.2 29.9 4.3
12921 1.4 22.5 3.4
12922 1.6 22.9 3.2
12923 2.1 28.5 5.1
12924 1.4 23.4 3.8
12925 1.2 18.9 2.6
12927 1.2 22.3 3.8
12926 1.2 20.9 3.6
12925 1.4 22.7 4.3
12935 3.1 24.6 5.3
12936 1.4 25.2 3.5
12937 1.3 24.1 3.6
12938 1.9 24.9 3.2
12939 1.6 23.2 3.8
12940 1.4 27.8 4.7
12941 1.3 20.5 3.8
12947 1.6 31.8 4.9
12946 1.7 24.7 4.7
12945 1.9 30.1 4.3
12944 1.4 22.5 3.2
12943 1.2 19.1 3.7
12942 1.4 21.6 5.9
12948 1.4 25.1 4.7
12949 1.4 21.1 2.9
12950 1.1 20.1 3.4
12951 1.1 20.4 4.3
12952 1.5 25.1 5.9
12953 1.4 21.1 13.2
12959 1.9 35.3 3.8
12958 2.0 34.8 3.6
12957 1.3 22.4 3.5
12956 1.4 22.4 5.8
12955 1.3 20.3 3.7
12954 1.6 25.3 3.2
N
Legend
Grid Line
Sample # 12954
Sample Location
Tantalum (ppm) 1.6
Niobium (ppm) 25.3
Uranium (ppm) 3.2
Notes
Grid is NAD 27
Grid North is 1°47' W of True North
Blue River Resources Corp.
Cbt Claim Group,
Mud Lake, Kamloops Mining Division
Figure 4
Soil Lines, Soil Sample Locations and Geochemistry Map
0 25 50 75
(meters)
RG 1 : 2500 2003.01
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Appendix B – Heavy Mineral Pan Concentrate Sample Locations and Descriptions

Appendix B - Heavy Mineral Pan Concentrate Sample Locations and Descriptions

Sample	NAD 27 Location Easting	Northing	Sample Type	Sample Description
12901	351448	5780107	pan con	Stream sediments rounded to flat; gneiss, amphibolite, and pegmatite clasts noted in sieved fraction; good flow in stream; fine grained sample to pan; avalanche slope to southeast
12901A	351448	5780107	pan con	Pan concentrate of the material ejected from pan concentrating sample 12901
12902	351494	5780055	pan con	Very angular clasts; gneiss clasts noted; very thin gravel and sand veneers over mud, recent seds; meeting of two trickles on overgrown avalanche slope; muddy sample
12903	351368	5780055	pan con	Gneiss and pegmatite clasts noted; meeting of two trickles; better flow than 12902
12904	350928	5780028	pan con	Gneiss and pegmatite clasts noted; near road, flows over gneiss boulders; good flow
12905	350225	5778280	pan con	Light brownish orange silty sand with gravels and cobbles; some soil in sample; dry creek that drains over diamict in spring; fine grained muddy sample; flows in spring
12906	349915	5777963	pan con	Greyish light brown mud to cobbles; some diamict in sample; downstream of 12905 on same dry creek; flows in spring
12907	349644	5779039	pan con	Rounded to subang clasts; gneiss, pegmatite, and amphibolite clasts noted; downstream from creek sampled in 12901
12908	348768	5777985	pan con	Creek cuts steep gully; angular to subrounded clasts; gneiss, pegmatite, and amphibolite noted; coarse sample; sampled downstream from 12907
12909	346989	5778958	pan con	Angular to subrounded clasts; drains over diamict; moderate flow; creek near road; coarse sample
12910	347717	5777866	pan con	Boulders to silt; gneiss and pegmatite clasts noted; good flow
12931	347090	5778089	pan con	Dry creek; topography is generally flat; cuts down 1 meter into diamict

Appendix C – Soil Sample Locations and Descriptions

Appendix C - Soil Sample Locations and Descriptions

Sample	Grid Location Easting	Grid Location Northing	NAD 27 Location Easting	NAD 27 Location Northing	Sample Type	Sample Description
12920	50800	77610	350822	5777605	Soil	Rusty brown pebbly sandy B soil; gneiss clasts noted
12921	50800	77560	50m N of 12921		Soil	Rusty brown gritty B soil with granules of quartz and feldspar
12922	50800	77510	350808	5777509	Soil	Rusty brown micaceous pebbly sandy B soil below light grey A
12923	50850	77610	50m E of 12920		Soil	Rusty brown micaceous gritty B soil with feldspar and quartz granules; cliff above sample site
12924	50900	77610	350910	5777593	Soil	Rusty brown gritty B soil
12925	50900	77660	50m N of 12924		Soil	Rusty brown B soil with gneiss and pegmatite pebbles; overlain by light grey soil
12926	50900	77710	350918	5777689	Soil	Rusty brown sandy B soil with gneiss clasts
12927	50900	77760	50m N of 12926		Soil	Rusty brown sandy B soil with gneiss pebbles
12928	50900	77810	350925	5777777	Soil	Rusty brown pebbly soil; quartz and feldspar pebbles; very thin light grey soil above sample
12929	50900	77860	50m N of 12928		Soil	Rusty brown sandy B soil below light grey soil
12932	50800	77660	50m N of 12920		Soil	Rusty brown pebbly B soil; gneiss cobbles noted
12933	50800	77710	350799	5777706	Soil	Rusty brown silty sandy B soil
12934	50800	77760	50m N of 12933		Soil	Rusty brown silty micaceous B soil; few granules; pegmatite cobbles noted; overlain by light grey clayey soil
12935	51000	77760	351001	5777760	Soil	Rusty brown sandy micaceous B soil; gneiss cobbles noted
12936	51000	77710	50m N of 12937		Soil	Rusty brown B soil; pegmatite and gneiss cobbles noted; thin light grey soil above sample
12937	51000	77660	350997	5777667	Soil	Rusty brown B soil taken 20cm below surface; sample at top of gneiss cliff; pegmatite and gneiss cobbles noted
12938	51000	77610	50m N of 12939		Soil	Rusty brown pebbly to sandy micaceous B soil; overlain by ~10cm light grey soil; amphibolite cobble noted; sample below pegmatite and gneiss cliff
12939	51000	77560	350994	5777590	Soil	Rusty brown B soil; pegmatite and gneiss cobbles noted; sample ~ 30cm depth
12940	51000	77510	50m N of 12941		Soil	Rusty brown pebbly to sandy micaceous B soil; overlain by ~5cm light grey soil
12941	51000	77469	351000	5777511	Soil	Rusty brown pebbly sand micaceous B soil; overlain by ~4cm light grey soil; sample ~ 30cm depth
12942	51100	77510	351100	5777510	Soil	Rusty brown pebbly B soil; sample ~30cm depth
12943	51100	77560	50m N of 12942		Soil	Rusty brown B soil below gneiss boulders; sample ~30cm depth

12944	51100	77610	351091	5777610	Soil	Rusty brown B soil; gneiss cobbles noted; gneiss o/c nearby with gneissosity 017deg, 21deg RHR
12945	51100	77660	50m N of 12944		Soil	Rusty brown pebbly B soil; sample ~10cm depth
12946	51100	77710	351093	5777708	Soil	Rusty brown pebbly B soil; sample ~20cm depth; overlain by ~5cm light grey soil
12947	51100	77760	351103	5777744	Soil	Rusty brown sandy B soil; sample ~25cm depth overlain by ~10cm light grey soil and ~10cm organic soil
12948	51200	77760	351197	5777758	Soil	Rusty brown sandy pebbly B soil; ~35deg slope; sample ~20cm depth; thin organic soil above sample
12949	51200	77710	50m N of 12950		Soil	Rusty brown pebbly sandy micaceous B soil; gneiss boulders noted; ~30deg slope; overlain by ~10cm light grey soil and ~3cm organic
12950	51200	77660	351201	5777670	Soil	Rusty brown pebbly sandy B soil; gneiss and pegmatite boulders noted; overlain by ~8cm light grey soil and ~10cm organic soil
12951	51200	77610	50m N of 12952		Soil	Rusty brown occassionally pebbly, sandy B soil, micaceous; ~30deg slope; amphibolite, gneiss, and peg float around; organic layer above ~4cm thick
12952	51200	77560	351209	5777561	Soil	Rusty brown coarse sandy B soil; surrounds pegmatite cobbles and boulders; ~8cm organic layer above
12953	51200	77510	351201	5777513	Soil	Tanish light brown sandy B soil; ~35deg slope; ~30cm organic layer above
12954	51300	77510	351303	5777517	Soil	Greyish rusty brown gritty B soil; on pegmatite and gneiss talus slope; overlain by 5cm light grey soil and 15cm organic soil
12955	51300	77560	50m N of 12954		Soil	Rusty brown sandy micaceous B soil; ~30 deg slope; gneiss and pegmatite pebbles and cobbles around; overlain by 5cm light grey soil and ~15cm of organic soil
12956	51300	77610	351300	5777616	Soil	Rusty brown sandy micaceous B soil; ~30 deg slope; gneiss outcrop with pegmatite intrusion below sample; overlain by 5cm light grey soil and ~15cm of organic soil
12957	51300	77660	50m N of 12956		Soil	Rusty brown pebbly B soil; below gneiss cliff; overlain by 20cm of light grey soil
12958	51300	77710	351300	5777713	Soil	Rusty brown pebbly and sandy soil; thin organic layer above
12959	51300	77760	351304	5777758	Soil	Rusty brown sand soil, few pebbles; ~10cm organic layer above

Appendix D – Rock Sample Locations and Descriptions

Appendix D - Rock Sample Locations and Descriptions

Sample	NAD 27 Location Easting	Northing	Sample Type	Sample Description
12911	350456	5777983	float	White foliated quartz-pyroxene-biotite-calcite marble; weathers dirty pinkish orange; boulder 1.5mX0.75m sampled; source near
12912	350449	5777999	grab	White muscovite-biotite-feldspar-quartz pegmatite
12913	350450	5777999	grab	pyroxene-quartz gneiss
12914	350422	5777999	grab	Leucocratic coarse grained garnetiferous quartz-feldspar orthogneiss
12915	350453	5777997	grab	Pyroxene-feldspar-quartz gneiss, weakly calcareous

Appendix E – Assay Certificates – Acme Laboratories

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
12901	427.7	12.1	1.1	16.6	5.8	297.5	43.8	2	208.1	58.8	49.6	29.4	118	4.0	237.7	75.3	224.3	349.3	36.99	111.9	19.0	3.10	14.60	2.15	12.71	2.67	7.80	1.19	8.19	1.14
12901A	524.5	10.8	1.3	14.1	4.4	105.9	54.8	2	219.9	18.4	16.5	9.2	98	2.1	175.3	34.4	78.6	128.3	12.92	41.1	6.9	1.53	5.52	.86	5.28	1.19	3.79	.60	3.87	.59
12902	432.4	12.0	1.8	19.0	12.0	183.2	54.4	8	257.7	12.4	148.3	27.3	215	13.2	438.0	324.3	550.1	968.5	116.45	405.4	84.0	8.71	68.09	10.51	56.72	10.92	30.26	4.46	27.69	3.92
12903	469.8	14.5	1.5	16.6	10.4	140.7	49.5	5	211.5	6.9	141.3	20.9	171	10.3	364.8	272.0	530.0	884.4	102.05	333.9	67.5	6.77	54.83	8.47	46.84	9.30	26.33	3.88	24.88	3.54
12904	404.4	9.9	1.0	16.8	6.4	93.7	43.9	2	247.0	4.6	104.4	13.2	91	6.0	246.2	119.3	403.8	639.4	70.07	221.3	39.1	4.95	28.56	4.18	21.13	4.09	11.33	1.64	11.59	1.58
12905	378.3	23.1	1.6	17.9	10.7	37.4	46.1	3	176.5	1.9	119.3	19.6	204	6.4	379.4	265.1	345.9	657.9	78.65	271.8	58.6	4.65	50.98	8.06	45.97	9.01	26.12	3.80	24.04	3.56
12906	423.8	20.6	1.1	15.8	21.2	272.4	47.0	4	170.3	29.4	93.9	25.6	215	7.5	779.5	193.7	291.5	529.7	62.01	202.8	41.8	3.85	34.92	5.67	32.73	6.51	19.12	2.82	17.97	2.73
12907	565.3	11.1	1.1	14.5	5.0	68.1	33.5	3	229.9	5.1	45.5	8.0	97	6.9	178.1	74.9	167.6	289.5	31.41	103.9	19.7	2.33	15.06	2.86	13.23	2.58	7.30	1.11	7.09	1.07
RE 12907	592.4	11.2	1.3	13.3	5.1	64.0	36.2	4	239.5	7.5	49.7	10.8	100	7.8	173.9	84.2	189.4	319.6	35.68	114.0	20.7	2.69	16.93	2.52	14.56	2.99	7.76	1.17	7.38	1.12
12908	475.1	14.9	1.2	15.9	7.8	214.1	48.5	6	223.7	18.2	82.6	13.2	139	3.8	284.8	128.3	317.4	519.8	55.93	177.8	32.6	3.96	25.30	3.84	21.79	4.40	12.68	1.94	12.24	1.76
12909	612.7	11.6	1.0	18.4	17.1	137.1	39.7	3	174.2	7.1	97.5	16.6	186	12.2	599.7	165.9	418.4	671.3	75.01	233.7	43.8	5.10	33.50	5.34	28.36	5.73	15.79	2.43	15.45	2.42
12910	516.7	11.8	1.2	18.2	12.1	88.9	57.1	3	215.6	3.0	166.2	24.2	99	10.1	457.6	191.9	581.1	981.0	112.92	374.7	68.9	7.38	51.26	7.34	37.52	6.85	17.38	2.48	15.15	2.13
12931	352.9	10.5	.8	17.3	26.2	109.8	37.4	5	186.9	4.1	139.2	22.5	131	10.2	932.5	186.7	531.7	864.2	97.02	319.5	58.3	6.36	43.82	6.46	33.88	6.66	18.41	2.69	16.76	2.48
STANDARD	410.9	18.1	3.7	19.9	11.8	25.8	23.5	10	296.9	4.3	11.3	10.7	130	10.2	352.3	26.6	11.4	24.0	3.03	13.5	3.2	1.08	3.62	.64	4.09	.89	2.82	.44	2.89	.43

Standard is STANDARD SO-17.

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: H.N. CONC.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 4 2002 DATE REPORT MAILED: Nov 18/02 SIGNED BY: ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date N/A

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204870 (b)

3 - 215 - 39th Ave N.E., Calgary AB T2E 7L1 Submitted by: Jeff Reeder

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
12901	1.7	7.6	2.8	28	<.1	14.1	4.4	348	1.85	.8	2.5	2.1	19.3	24	.1	<.1	.1	34	.43	.065	75	30.9	.46	55	.124	<1	.85	.070	.19	1.0	<.01	3.6	.1	<.05	4
12901A	1.9	7.9	2.6	32	<.1	14.9	4.8	277	1.73	.7	.9	2.4	9.4	21	<.1	<.1	.1	33	.34	.047	28	33.6	.47	69	.111	1	.94	.066	.25	.9	<.01	3.3	.1	<.05	3
12902	3.8	9.7	4.4	28	<.1	5.6	3.4	570	1.63	1.0	7.9	.6	51.5	24	<.1	<.1	.1	41	.66	.055	177	31.8	.38	42	.349	2	.92	.050	.15	3.9	<.01	3.8	<.1	<.05	4
12903	3.1	5.7	3.6	25	<.1	7.1	3.5	395	1.61	.6	5.8	<.5	47.5	14	<.1	<.1	.1	36	.46	.041	159	29.1	.35	34	.219	1	.73	.049	.12	4.1	<.01	3.5	.1	<.05	4
12904	2.3	6.0	2.3	26	<.1	16.4	5.2	389	1.63	.6	4.4	1.3	37.4	15	<.1	<.1	.1	25	.26	.046	137	31.1	.47	86	.111	1	.92	.051	.29	.8	.01	3.2	.1	<.05	3
12905	2.6	12.9	3.7	41	<.1	14.5	7.2	311	2.44	.7	4.8	<.5	36.7	13	<.1	<.1	.1	61	.56	.056	106	59.2	.56	51	.187	<1	1.05	.065	.20	2.8	<.01	4.9	.1	<.05	5
12906	2.3	8.5	3.1	22	<.1	11.9	7.1	313	2.28	<.5	4.5	<.5	38.1	12	<.1	<.1	.1	82	.43	.048	117	52.9	.41	42	.152	1	.73	.059	.15	3.1	.01	3.8	.1	<.05	4
12907	1.6	10.3	3.4	27	<.1	13.1	4.8	264	1.66	<.5	2.0	.6	19.5	18	.1	<.1	.1	30	.34	.052	55	31.7	.40	66	.111	2	.78	.053	.23	4.1	.01	2.9	.1	<.05	3
RE 12907	1.5	10.7	3.4	27	<.1	12.3	5.2	258	1.73	<.5	2.1	<.5	19.4	18	<.1	<.1	.1	31	.38	.057	57	33.7	.40	72	.114	<1	.83	.051	.24	4.2	.01	3.1	.1	<.05	3
12908	1.8	11.7	2.7	33	<.1	14.7	5.7	321	2.20	<.5	2.8	<.5	34.2	29	<.1	<.1	.1	41	.51	.090	96	38.0	.46	69	.124	<1	.87	.055	.25	1.4	.01	3.5	.1	<.05	4
12909	1.5	9.3	3.8	24	.1	11.0	5.0	390	3.20	.7	5.4	1.1	39.5	13	<.1	<.1	.1	91	.36	.049	152	35.8	.39	55	.158	1	.98	.047	.18	3.2	<.01	3.6	.1	<.05	4
12910	1.4	12.4	3.1	30	<.1	19.1	6.2	441	2.11	.5	8.5	.5	67.0	17	.1	<.1	.1	33	.48	.107	219	45.1	.83	84	.129	<1	1.13	.064	.37	3.5	<.01	4.4	.1	<.05	4
12931	1.3	9.1	2.6	20	<.1	9.9	4.7	430	2.22	1.1	7.8	<.5	67.4	15	.1	.1	.1	50	.41	.071	214	32.2	.35	55	.145	2	.86	.049	.21	3.8	<.01	3.8	.1	<.05	4
STANDARD DS4	6.4	121.0	30.1	160	.2	35.2	11.4	840	3.18	21.1	6.0	25.8	3.6	27	5.2	4.8	4.9	72	.54	.088	16	175.0	.58	141	.085	2	1.74	.030	.17	3.5	.27	3.8	1.2	.06	6

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: H.M. CONC. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 4 2002 DATE REPORT MAILED: Nov 18/02 SIGNED BY: C. Leong

D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204870R

3 - 215 - 39th Ave N.E., Calgary AB T2E 7E1 Submitted by: Jeff Reeder

SAMPLE#	Au* ppb
12901	<.2
12901A	.8
12902	<.2
12903	1.6
12904	.8
12905	<.2
12906	.9
12907	1.1
12908	14.7
12909	3.6
12910	1.1
12931	1.6
RE 12931	1.5
STANDARD AU-R	450.0

AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (10 gm)
- SAMPLE TYPE: H.M. CONC.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2002 DATE REPORT MAILED: Nov 19/02 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA M

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204871 Page 1 (a)

3 - 215 - 39th Ave N.E., Calgary AB T2E 7E3 Submitted by: Jeff Reeder

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
12920	554.9	26.1	7.4	26.6	7.7	29.9	85.7	2	225.8	2.2	16.0	4.3	116	1.6	281.8	30.6	60.0	112.2	13.29	52.5	9.9	2.06	8.68	1.41	8.63	1.64	4.69	.65	4.08	.63
12921	598.5	27.1	8.6	24.7	6.2	22.5	77.9	2	264.4	1.4	12.0	3.4	99	1.3	223.2	44.7	52.5	94.5	11.38	44.9	8.2	1.93	7.48	1.22	7.44	1.53	4.61	.66	4.09	.63
12922	594.3	13.1	5.9	31.8	6.6	22.9	84.9	2	216.9	1.6	13.7	3.2	114	1.9	234.5	25.9	47.9	91.2	10.28	39.4	7.7	1.34	6.28	.96	5.12	.88	2.55	.37	2.68	.39
12923	655.7	7.2	6.2	33.5	12.2	28.5	121.7	3	230.0	2.1	25.3	5.1	98	3.2	375.0	42.1	75.4	145.6	16.63	64.5	12.0	1.30	9.05	1.40	7.92	1.49	4.20	.57	3.69	.65
12924	614.4	12.4	5.2	29.1	6.0	23.4	84.2	2	232.2	1.4	16.0	3.8	114	1.7	208.6	29.8	63.3	117.5	13.07	50.6	9.0	1.32	7.11	1.05	5.66	1.05	2.86	.39	2.56	.41
12925	620.0	24.8	6.9	29.4	7.9	22.7	130.2	2	160.8	1.4	15.4	4.3	121	1.7	262.8	36.0	52.6	103.9	11.77	47.2	9.0	1.37	7.26	1.08	6.30	1.21	3.67	.53	3.61	.53
12926	590.1	17.6	6.8	27.7	9.2	20.9	119.4	2	248.1	1.2	15.8	3.6	112	1.7	295.2	30.0	58.2	115.5	12.16	46.9	8.9	1.24	7.04	1.06	5.74	1.05	3.05	.39	2.76	.43
12927	598.3	11.2	4.7	23.9	6.4	22.3	77.8	2	164.5	1.1	18.9	3.8	99	1.4	220.3	33.0	59.8	108.7	12.05	44.2	8.4	1.23	6.92	1.05	6.23	1.20	3.21	.46	2.86	.47
12928	328.3	6.0	3.1	28.3	7.2	18.9	52.8	2	224.8	1.2	10.6	2.6	98	1.3	235.5	26.1	36.3	68.1	7.92	31.7	5.9	1.14	5.14	.80	4.75	.92	2.67	.41	2.54	.44
12929	608.7	10.4	7.1	23.6	8.0	21.1	77.7	2	189.7	1.1	16.1	3.4	99	1.3	281.7	30.0	51.4	96.1	10.60	41.3	7.3	1.20	6.18	.91	5.49	1.04	3.07	.47	3.08	.49
12932	674.6	15.1	4.8	26.6	7.4	20.7	86.7	2	271.7	1.3	15.0	3.4	94	1.9	230.2	27.3	53.5	103.5	11.38	44.0	7.8	1.27	6.52	.88	5.04	.98	2.74	.38	2.94	.43
12933	606.5	13.7	4.5	22.0	8.1	23.3	80.1	2	181.2	1.3	21.5	4.8	87	1.5	265.8	43.9	71.6	135.3	15.36	60.5	10.8	1.69	8.88	1.38	7.97	1.51	4.40	.60	3.74	.62
12934	578.5	7.0	4.8	24.4	9.7	20.1	78.0	2	243.1	1.2	11.8	3.4	83	1.9	304.5	27.5	42.7	80.6	9.14	36.4	6.6	1.15	5.23	.80	4.51	.91	2.70	.42	2.75	.46
12935	749.0	14.8	6.0	28.4	8.6	34.6	109.8	2	212.2	3.1	17.7	5.3	116	2.0	300.3	41.2	56.2	104.5	11.73	45.7	8.2	1.40	6.65	1.14	6.50	1.40	4.20	.61	4.03	.62
RE 12935	700.6	15.4	5.6	27.9	8.0	31.8	106.9	2	203.0	1.4	19.6	4.3	114	1.9	283.6	42.6	61.2	117.2	12.71	49.3	8.7	1.32	7.66	1.16	7.21	1.47	4.54	.60	4.13	.65
12936	615.8	13.4	5.7	25.5	7.9	25.2	75.3	2	206.5	1.4	19.0	3.5	99	1.9	258.9	32.2	58.5	110.7	12.67	50.2	8.8	1.33	7.20	.94	5.62	1.17	3.11	.43	2.90	.45
12937	574.7	12.9	6.2	26.1	6.2	24.1	92.2	2	198.6	1.3	12.8	3.6	110	1.7	207.9	23.7	39.9	75.9	8.70	34.3	6.2	1.17	5.19	.71	4.17	.78	2.17	.36	2.42	.35
12938	615.0	26.8	11.1	30.2	7.6	26.9	165.6	2	239.4	1.9	14.1	3.2	177	1.8	267.3	40.3	53.8	107.1	12.56	49.5	9.6	1.56	8.16	1.25	6.94	1.41	3.84	.58	3.62	.57
12939	680.6	23.1	7.7	27.8	9.7	23.2	127.5	2	211.1	1.6	23.8	5.0	123	1.7	323.2	34.9	75.0	145.0	17.19	66.4	12.1	1.79	9.86	1.39	6.98	1.27	3.29	.45	2.84	.47
12940	612.6	17.3	4.9	24.7	10.0	27.0	86.5	2	221.2	1.4	22.5	4.7	125	1.6	330.7	44.3	74.7	139.8	15.81	63.3	11.3	1.80	9.43	1.38	7.87	1.47	3.91	.62	3.38	.54
12941	698.3	15.3	5.4	24.4	7.1	20.5	102.5	2	222.7	1.3	16.9	3.8	89	2.4	239.9	26.9	50.8	97.1	11.12	43.2	8.1	1.38	6.83	.89	4.93	.96	2.64	.35	2.39	.34
12942	731.8	26.9	8.5	28.0	7.0	21.6	116.5	2	222.8	1.4	26.0	5.9	110	2.3	256.1	43.7	87.3	172.6	19.97	77.4	13.7	1.74	11.35	1.58	8.52	1.52	3.77	.55	3.48	.50
12943	667.0	16.2	6.2	25.4	6.8	19.1	114.5	2	242.8	1.2	13.9	3.7	99	1.7	240.5	25.4	45.7	86.6	9.72	37.0	6.7	1.28	5.31	.79	4.48	.88	2.29	.34	2.42	.42
12944	658.0	9.4	10.4	26.3	8.6	22.5	116.4	2	243.1	1.4	12.9	3.2	97	2.0	272.8	23.3	44.0	83.7	9.54	37.6	6.6	1.12	5.35	.75	4.24	.85	2.28	.35	2.32	.39
12945	623.0	17.4	7.1	31.0	9.1	30.1	103.0	2	199.1	1.9	13.8	4.3	148	2.4	303.6	36.3	56.1	104.5	12.02	43.9	8.5	1.46	6.93	1.09	5.91	1.22	3.56	.50	3.38	.53
12946	715.2	11.5	5.3	28.3	9.4	24.7	99.1	2	231.2	1.7	21.4	4.7	110	1.6	334.2	35.8	70.5	133.0	15.31	60.2	10.6	1.48	8.85	1.26	6.56	1.31	3.49	.52	3.16	.51
12947	633.5	13.3	4.6	26.5	8.0	31.0	77.8	3	230.7	1.6	22.3	4.9	109	1.5	293.2	56.5	78.3	142.4	16.89	65.5	11.8	1.77	10.24	1.56	9.21	1.82	5.38	.70	4.56	.70
12948	608.7	20.5	5.9	24.8	7.0	25.1	100.3	2	212.6	1.4	20.5	4.7	118	1.6	248.2	50.4	66.7	124.5	14.29	53.8	10.1	1.38	8.68	1.35	8.10	1.68	4.99	.79	4.97	.70
12949	607.1	10.2	4.8	29.4	5.1	21.1	98.8	3	257.5	1.4	7.4	2.9	69	2.9	165.5	41.6	27.0	51.0	5.97	23.6	4.7	1.04	5.10	.95	6.44	1.33	4.14	.59	3.42	.54
12950	567.4	36.4	12.1	25.7	6.4	20.1	121.0	2	220.8	1.1	12.3	3.3	126	1.5	225.8	27.0	43.4	83.0	9.38	37.1	6.4	1.12	5.35	.81	4.72	.92	2.65	.37	2.51	.35
12951	634.9	20.1	6.8	24.8	6.8	20.4	104.5	2	253.4	1.1	18.3	4.3	98	1.5	246.9	39.5	60.8	114.1	13.02	51.3	9.5	1.62	7.74	1.17	6.76	1.40	3.76	.59	3.89	.56
12952	699.6	26.7	6.4	23.9	10.7	25.1	124.0	3	204.5	1.5	29.0	5.9	128	2.3	389.0	45.0	93.5	181.6	21.12	82.6	15.2	2.07	12.08	1.58	8.69	1.65	4.06	.59	3.64	.57
STANDARD SO-17	391.6	19.5	3.9	19.7	12.4	25.0	22.7	8	313.5	4.6	11.8	10.5	129	10.8	357.0	27.7	11.1	23.1	3.03	13.8	3.4	1.00	3.64	.64	4.32	.95	2.86	.42	3.01	.45

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: SOIL SS80 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 4 2002 DATE REPORT MAILED: Nov 15/02 SIGNED BY. C. ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204871 Page 1 (b)

3 - 215 - 39th Ave N.E., Calgary AB T2E 7E3 Submitted by: Jeff Keeler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
12920	1.0	27.0	16.5	120	.2	33.0	21.1	293	3.79	1.2	.9	<.5	2.8	30	.1	.1	.3	62	.30	.043	12	49.3	.44	86	.230	1	2.93	.018	.13	.1	.07	3.4	.2	<.05	13
12921	.7	23.6	16.9	66	.1	34.4	19.9	252	2.45	.5	.6	.5	2.1	19	.1	.1	.2	47	.22	.027	10	38.1	.42	58	.180	<1	2.10	.022	.11	.1	.04	3.1	.1	<.05	9
12922	1.1	10.5	15.0	72	<.1	15.2	7.6	78	2.66	1.4	.4	2.0	2.6	7	<.1	.1	.3	63	.07	.048	7	31.9	.23	62	.203	<1	2.45	.007	.07	.1	.04	2.6	.1	<.05	13
12923	1.9	11.9	19.4	65	.1	9.4	4.0	156	2.68	1.1	.8	1.4	2.6	8	<.1	.1	.4	45	.09	.052	8	16.5	.19	68	.170	<1	1.29	.010	.14	.1	.03	1.4	.2	<.05	12
12924	1.3	14.7	12.1	96	.1	27.9	7.2	120	3.33	1.2	.5	1.1	3.0	6	<.1	.1	.2	66	.05	.062	7	41.3	.30	65	.177	<1	1.89	.012	.09	.1	.03	2.3	.1	<.05	12
12925	.8	22.2	11.4	172	.2	21.0	18.2	455	4.02	1.6	.6	<.5	2.7	10	.2	.1	.3	71	.08	.248	6	38.6	.42	150	.236	<1	3.89	.012	.28	.2	.06	4.3	.2	<.05	14
12926	1.1	32.0	9.3	83	.1	25.5	11.4	133	3.26	.8	.5	2.1	2.1	10	.1	.1	.2	68	.08	.054	6	35.4	.45	102	.251	<1	2.37	.016	.21	.1	.04	3.7	.3	<.05	11
12927	1.0	22.9	11.9	22	.1	4.5	2.1	38	2.71	1.0	.5	.9	2.6	5	<.1	.1	.3	58	.03	.049	6	25.0	.09	50	.165	<1	2.65	.012	.03	<.1	.04	2.6	.1	<.05	12
12928	1.9	24.7	10.8	68	.1	19.2	7.1	105	3.55	2.3	1.0	.5	4.0	6	.1	.1	.2	61	.04	.148	8	49.6	.34	74	.162	<1	3.84	.011	.12	.2	.09	3.8	.2	<.05	10
12929	1.6	16.8	9.7	73	.1	19.2	5.8	96	3.17	1.6	.6	2.0	3.2	5	.1	.1	.2	55	.04	.071	8	56.2	.31	69	.150	<1	2.98	.011	.10	.1	.09	3.1	.1	<.05	10
12932	1.0	10.6	13.8	86	.1	19.0	8.9	234	2.37	.6	.5	1.1	2.3	8	<.1	<.1	.7	48	.07	.048	7	24.6	.20	90	.141	<1	1.35	.013	.08	.1	.03	1.6	.1	<.05	9
12933	.9	21.5	9.3	78	.1	23.5	9.6	138	3.07	1.5	.8	<.5	3.6	9	.3	<.1	.2	46	.09	.043	10	56.3	.45	69	.171	<1	3.23	.011	.11	.1	.10	3.8	.1	<.05	8
12934	1.6	13.0	8.6	30	.1	7.9	3.0	71	2.12	.8	.6	<.5	3.1	7	.3	<.1	.2	44	.07	.032	10	20.2	.15	37	.138	<1	.98	.011	.09	.1	.07	1.5	.1	<.05	9
12935	1.8	18.0	10.9	80	.2	22.7	9.7	135	3.54	1.4	.7	2.2	3.6	7	<.1	.1	.2	64	.05	.083	9	50.6	.38	99	.196	<1	2.45	.012	.12	.1	.07	3.4	.2	<.05	12
RE 12935	1.5	18.2	11.0	85	.2	22.7	9.9	138	3.59	1.5	.7	1.6	3.6	7	.1	.1	.2	66	.05	.083	9	53.5	.40	105	.202	<1	2.56	.012	.12	.2	.07	3.6	.2	<.05	12
12936	1.4	19.7	11.7	70	.1	22.4	10.0	125	3.42	1.8	.7	1.6	3.2	7	.1	.1	.2	60	.05	.154	7	45.1	.32	101	.177	<1	3.15	.013	.10	.1	.07	3.1	.1	<.05	13
12937	1.6	16.2	10.8	95	<.1	23.1	8.5	139	3.33	1.3	.7	2.1	3.0	6	.1	.1	.2	68	.06	.112	7	36.0	.35	76	.194	<1	2.69	.012	.11	.2	.05	3.6	.2	<.05	13
12938	1.4	64.7	10.8	206	.1	36.7	23.4	279	5.65	.6	.4	1.1	1.7	41	.1	<.1	.3	143	.16	.062	6	53.4	1.29	272	.453	1	3.00	.019	.58	.1	.02	7.2	.4	.13	18
12939	1.2	40.7	18.9	161	.3	38.8	18.3	196	3.60	1.0	.7	2.2	3.6	18	.2	.1	.3	73	.13	.074	9	40.8	.70	154	.240	<1	3.01	.015	.21	.1	.04	3.8	.2	<.05	13
12940	1.1	28.5	10.4	87	<.1	28.2	12.2	154	3.23	1.1	.6	1.8	3.1	11	.1	.1	.3	68	.09	.096	9	39.3	.47	100	.210	<1	2.14	.013	.12	.2	.02	3.3	.1	<.05	11
12941	.6	12.0	9.9	70	<.1	21.1	10.6	127	1.96	.5	.5	.9	3.2	10	.1	<.1	.2	38	.11	.054	9	20.2	.28	100	.139	<1	1.72	.013	.11	<.1	.02	2.4	.1	<.05	8
12942	1.3	27.6	26.4	133	.3	47.3	22.3	144	3.45	.9	.8	1.7	3.8	15	.1	.1	.3	61	.13	.041	10	36.9	.41	152	.189	<1	2.70	.014	.19	.2	.05	3.1	.2	<.05	11
12943	1.9	20.7	8.9	103	.1	25.2	12.0	169	3.08	.9	.5	1.2	2.2	14	.1	.1	.2	57	.08	.057	7	31.4	.36	118	.206	<1	2.05	.013	.18	.2	.03	2.8	.2	<.05	10
12944	1.4	13.6	10.0	96	.1	13.2	6.0	174	2.80	.8	.4	1.0	2.2	6	.1	.1	.3	55	.04	.045	6	28.1	.29	93	.200	1	1.63	.013	.17	.1	.03	2.4	.2	<.05	11
12945	1.3	27.6	13.4	96	.1	33.2	13.5	172	4.28	1.2	.5	1.5	2.7	15	<.1	.1	.3	93	.10	.071	7	46.0	.63	110	.298	3	2.43	.013	.16	.2	.03	3.4	.2	<.05	16
12946	1.7	17.4	14.2	100	.1	17.8	8.1	147	3.11	1.0	.7	2.1	3.3	9	.1	.1	.3	58	.06	.054	8	30.1	.31	105	.216	<1	2.29	.012	.09	.1	.05	3.0	.2	<.05	13
12947	1.7	20.7	12.7	68	.1	26.0	9.3	107	3.34	1.6	.7	1.7	3.8	21	.2	<.1	.2	64	.24	.052	13	44.8	.35	78	.181	1	2.62	.013	.09	.1	.07	3.3	.1	<.05	12
12948	1.3	22.7	11.1	127	.1	38.5	15.6	185	3.58	1.2	.6	2.1	2.9	12	<.1	.1	.2	72	.09	.074	8	63.4	.60	104	.222	5	2.78	.013	.14	.1	.05	4.3	.2	<.05	12
12949	.8	6.3	20.6	56	.1	14.4	6.9	90	2.05	1.4	.7	2.3	2.9	10	.1	<.1	.3	35	.09	.182	6	17.3	.16	89	.105	<1	2.58	.014	.07	.2	.05	2.3	.1	<.05	9
12950	1.3	40.2	18.1	201	.1	100.7	31.1	159	4.11	1.3	.7	2.6	2.6	14	.1	<.1	.3	76	.11	.094	6	51.1	.47	126	.228	1	4.05	.015	.17	.2	.03	3.4	.2	<.05	13
12951	.7	23.0	18.2	120	.1	33.7	16.2	138	2.40	1.0	.7	3.5	3.5	9	<.1	<.1	.3	47	.09	.047	9	41.0	.36	89	.150	<1	2.30	.016	.10	.1	.03	2.9	.1	<.05	9
12952	1.1	45.8	12.5	130	.1	56.2	21.1	263	3.12	1.3	.8	1.0	4.1	19	.2	<.1	.2	57	.17	.069	11	78.8	.88	124	.194	3	2.40	.012	.23	.3	.03	4.1	.2	<.05	9
STANDARD DS4	6.8	127.3	30.7	158	.3	36.0	11.6	773	3.03	21.0	6.5	26.0	3.7	29	5.2	4.9	4.9	74	.49	.091	16	158.6	.56	138	.097	3	1.68	.033	.16	3.1	.26	3.9	1.2	.06	6

GROUP 10X - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Rerune and 'RRE' are Reject Rerune.

DATE RECEIVED: NOV 4 2002 DATE REPORT MAILED: Nov 15/02 SIGNED BY. ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data A FA ___

ACME ANALYTICAL

Blue River Resources PROJECT MUD LAKE FILE # A204871 Page 2 (a)

ACME ANALYTICAL

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
12953	632.3	18.1	10.8	24.8	5.9	21.1	108.3	3	296.7	1.4	13.2	13.2	94	1.4	215.1	75.6	54.9	87.1	12.22	52.0	11.2	3.52	9.22	1.71	9.24	1.88	5.27	.77	5.00	.84
12954	744.5	16.7	6.1	30.5	9.7	25.3	128.6	2	236.8	1.6	17.5	3.2	96	1.3	325.5	42.2	59.3	111.9	12.43	51.5	10.5	1.40	8.81	1.33	7.09	1.28	4.00	.62	4.52	.62
12955	613.3	14.9	5.2	28.2	6.5	20.3	99.3	3	273.9	1.3	11.6	3.7	87	.9	244.4	32.1	43.5	87.0	9.38	39.8	7.9	1.34	5.85	1.03	5.60	1.19	2.89	.52	3.26	.54
12956	593.1	12.1	4.7	22.2	8.6	22.4	97.2	3	244.1	1.4	20.9	5.8	112	.6	329.6	46.1	75.5	143.8	16.33	63.4	12.4	1.92	9.71	1.48	7.72	1.57	3.74	.62	4.06	.58
12957	561.3	11.8	4.9	30.7	5.8	22.4	90.5	4	192.7	1.3	12.1	3.5	77	1.5	210.1	40.1	35.9	72.9	7.92	33.3	6.8	1.26	6.28	1.10	6.29	1.29	3.46	.49	3.18	.53
12958	659.8	36.7	9.5	27.7	7.3	51.8	148.3	6	182.6	2.0	16.8	3.6	143	1.5	278.4	24.9	68.7	121.6	12.95	47.6	8.4	1.49	6.71	1.08	4.82	1.01	2.42	.34	2.46	.36
12959	648.6	26.3	6.7	27.9	6.8	35.3	105.5	5	233.5	1.9	11.9	3.8	114	.4	276.4	37.3	72.2	116.3	11.65	48.6	8.1	1.46	6.40	1.00	6.16	1.18	3.61	.56	4.10	.55
STANDARD SO-17	407.1	19.2	3.9	19.7	12.3	26.0	23.0	8	308.6	4.5	12.2	12.3	127	10.9	365.6	27.9	11.3	24.0	3.00	14.7	3.2	1.07	3.85	.64	4.30	.94	2.70	.45	2.91	.46

Sample type: SOIL SS80 60C.

Data V FA

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Blue River Resources PROJECT MUD LAKE FILE # A204871

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
12953	.6	24.3	15.3	106	.1	39.9	14.5	345	2.49	<.5	8.4	<.5	2.5	38	.3	.1	.2	51	.61	.029	18	43.8	.45	72	.158	1	1.64	.021	.20	.1	.02	3.9	.2	<.05	7
12954	.6	14.4	13.8	151	<.1	19.8	11.5	181	2.07	.5	.6	1.4	3.3	11	.1	<.1	.2	38	.09	.087	9	24.8	.33	136	.150	1	1.90	.011	.15	.1	.03	2.2	.2	<.05	9
12955	.6	8.2	9.2	114	.1	15.4	10.0	116	2.07	.8	.4	.6	2.6	12	<.1	.1	.2	39	.12	.065	8	19.5	.22	84	.110	<1	1.96	.015	.10	.1	.04	2.3	.1	<.05	9
12956	.8	9.9	7.1	69	<.1	14.5	7.2	108	1.98	.7	.5	<.5	3.3	5	<.1	<.1	.2	41	.09	.038	11	22.3	.29	51	.138	<1	1.31	.013	.10	.1	.02	2.5	.1	<.05	8
12957	.7	7.3	29.2	73	.2	10.8	6.4	101	2.34	2.1	.7	<.5	3.0	10	.1	.1	.3	36	.09	.364	6	20.3	.15	95	.108	<1	3.75	.010	.06	.3	.09	1.8	.1	<.05	11
12958	1.9	38.1	10.3	151	.1	67.6	31.8	414	4.82	1.5	.8	<.5	3.7	18	.1	.1	.2	82	.09	.080	16	138.1	1.01	148	.178	<1	3.85	.010	.16	.1	.05	6.8	.2	<.05	12
12959	1.5	27.3	10.5	111	.1	53.2	21.4	283	3.62	.9	.6	1.6	3.1	18	.1	<.1	.2	61	.10	.090	16	78.5	.74	116	.144	1	2.68	.015	.13	.1	.04	4.2	.1	<.05	10
STANDARD DB4	7.0	126.3	30.1	159	.3	35.3	11.9	839	3.21	23.0	6.2	25.7	3.6	28	5.3	4.7	5.1	75	.55	.088	17	167.9	.59	139	.087	3	1.70	.028	.16	3.7	.27	3.7	1.1	<.05	6

Sample type: SOIL SS80 60C.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204872 (a)

3 - 215 - 39th Ave N.E. Calgary AB T2E 7E3 Submitted by: Jeff Reeder

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
12911	290.9	8.8	.9	13.0	5.4	37.1	52.8	<1	1148.2	2.2	7.1	2.3	48	1.3	220.1	29.5	37.5	69.7	7.75	32.0	6.4	1.22	5.79	.96	4.83	.98	2.76	.40	2.54	.38
12912	1337.6	2.1	2.6	20.3	1.0	14.6	105.0	<1	489.2	1.9	1.5	1.9	19	7.1	37.5	28.5	8.8	18.5	2.32	11.6	3.7	1.33	5.07	.90	4.79	1.04	2.48	.34	2.31	.22
12913	175.7	17.8	<.1	14.2	5.9	35.3	7.8	1	623.9	2.2	7.5	2.4	121	.9	237.3	26.1	37.4	75.5	8.40	36.8	6.4	1.55	5.47	.85	4.66	.83	2.73	.41	2.44	.42
12914	577.1	.5	.7	15.5	2.0	.8	61.8	<1	265.3	.1	1.2	2.4	6	6.6	38.2	37.3	5.7	10.8	1.18	4.9	1.5	.89	2.41	.61	3.83	1.09	3.78	.58	4.60	.63
12915	251.5	20.0	<.1	22.4	3.8	23.2	11.2	1	880.7	1.3	12.5	1.9	110	.7	201.3	38.9	50.0	92.0	10.89	43.7	7.5	1.64	6.94	1.17	5.71	1.37	3.64	.54	3.35	.52
STANDARD SO-17	407.1	19.2	3.9	19.7	12.3	26.0	23.0	8	308.6	4.5	12.2	12.3	127	10.9	365.6	27.9	11.3	24.0	3.00	14.7	3.2	1.07	3.85	.64	4.30	.94	2.70	.45	2.91	.46

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: ROCK R150 60C

DATE RECEIVED: NOV 4 2002 **DATE REPORT MAILED:** Nov 15/02 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Blue River Resources PROJECT MUD LAKE File # A204872 (b)

3 - 245 - 39th Ave N.E., Calgary AB T2E 7K3 Submitted by: Jeff Reeder

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
12911	1.4	19.2	4.7	13	<.1	13.4	7.1	243	1.31	1.5	.3	<.5	1.1	582	.1	<.1	.1	5	16.57	.040	2	5.4	.07	7	.029	<1	.94	.137	.03	.9	.01	.4	<.1	.63	3
12912	3.0	10.6	3.5	35	<.1	4.4	2.2	142	1.25	.6	.9	1.1	1.8	26	<.1	.1	.2	17	.31	.078	4	21.8	.36	92	.109	<1	.83	.109	.46	5.7	.01	3.7	.2	<.05	5
12913	1.3	15.7	9.6	34	<.1	23.8	6.8	147	.76	.9	.5	<.5	1.1	409	.1	<.1	.1	19	3.14	.066	4	23.3	.06	46	.130	4	3.72	.503	.06	1.0	.01	1.5	<.1	<.05	9
12914	3.1	2.8	6.2	2	<.1	1.6	.4	108	.28	.8	.2	<.5	.8	10	<.1	<.1	<.1	2	.06	.003	2	16.9	.02	18	.003	<1	.28	.094	.10	5.7	<.01	1.1	<.1	<.05	1
12915	1.0	33.2	12.5	31	.1	23.2	8.7	148	.78	1.2	.5	1.2	1.2	556	.1	<.1	.1	11	5.59	.067	3	7.9	.05	14	.089	7	5.63	.778	.05	.7	<.01	1.0	<.1	.15	14
STANDARD DS4	6.4	124.6	28.7	160	.2	35.2	11.4	840	3.18	21.1	6.0	24.8	3.6	27	5.2	4.8	4.9	72	.54	.088	16	175.0	.58	134	.077	2	1.74	.030	.17	3.5	.27	3.8	1.2	.06	6

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C

DATE RECEIVED: NOV 4 2002 DATE REPORT MAILED: Nov 15/02 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

Appendix F – Proposed Exploration Budget

Exploration Budget

Phase 1

Project Manager	2 days X $325	$ 650
Geologist	10 days X $225	$2250
Assistant	10 days X $100	$1000
Hotel/Meals	10 days X $125	$1250
Truck Rental/Gas	10 days X $100	$1000
Supplies		$ 200
Analysis	20 samples X $30	$ 600
Report Writing		$ 500
	Sub-Total	**$7,450**

Phase 2

Project Manager	4 days X $325	$1300
Geologist	10 days X $225	$2250
Assistant	10 days X $100	$1000
Hotel/Meals	10 days X $125	$1250
Truck Rental/Gas	10 days X $100	$1000
Analysis	100 samples X $30	$3000
Supplies		$ 500
Report Writing		$1200
	Sub-Total	**$11,500**

Phase 3

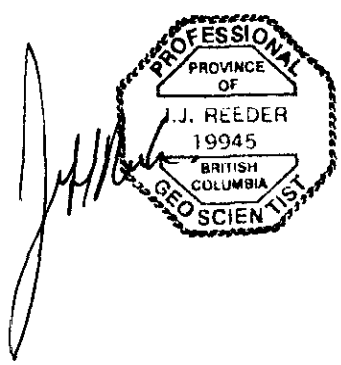
Project Manager	10 days X $325	$3250
Geologist	10 days X $225	$2250
Magnetic Survey	rental for 1 week	$5000 est.
2 - Assistants	10 days X $200	$2000
Hotel/Meals	10 days X $200	$2000
Truck Rental/Gas	10 days X $100	$1000
Analysis	100 samples X $30	$3000
Supplies		$ 500
Report Writing		$3000
	Sub-Total	**$22,000**
	Totals	**$40,600**

Appendix G – Statement of Expenditures

Appendix G

Exploration Expenditures for the Niobi Claims

Jeff Reeder	$353.10 x 1.00 days includes GST	353.10
Ryan Grywul	$225 x 6 days	1575.00
John Krusweski	$300 x 2.33 days	702.00
Steve Cook –	$140 x 6 days	840.00
Food		356.17
Truck Rental		
Grywul	$50 x 6.0 days	300.00
Krusweski	$50 x 3.0 days	150.00
Gas		404.19
Hotel		276.00
Samples		1671.00
Supplies		109.72
Report Writing		1500.00
Totals for Assessment		**$8237.18**

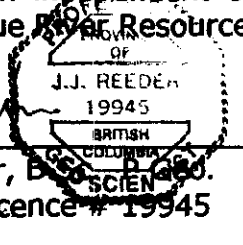


Appendix H – Statement of Qualifications

Statement of Qualifications

I, Jeff J. Reeder, am a Professional Geoscientist residing at #1 Haythorne Crescent Sherwood Park, Alberta do state that:

- I have a B.Sc. In Geology from the University of Alberta, 1988.
- I have been working as a geologist continuously since graduation, for the past 15 years.
- I am a Registered Professional Geoscientist (P.Geo.), with the Association of Professional Engineers and Geoscientists of B.C. (License # 19945).
- I visited the property during May of 2002 and supervised and designed the exploration during October 2002.
- I am an independent consultant with no promised or implied affiliation with Blue River Resources.



February 28, 2003

Jeff Reeder, B.Sc., P.Geo.
APEGBC Licence # 19945

Statement of Qualifications

I, Ryan Grywul, am a geologist residing at 51432 RR 265 Spruce Grove, Alberta and I do state that:

- I have a B.Sc. in geology from the University of Alberta, 2000.
- I have been working as a geologist continuously since graduation.
- I visited the Mud Lake property, Cbt Claim Group, on October 18 to 22, 2002
- I am an independent consultant with no promised or implied affiliation with Blue River Resources Corp.

Ryan Grywul, B.Sc. February 28, 2003