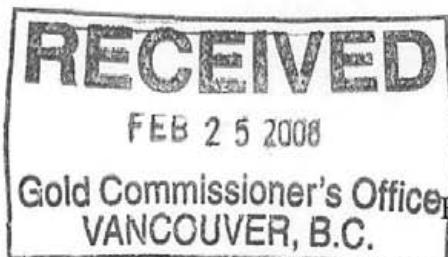


BC Geological Survey
Assessment Report
29657

GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING REPORT



ZEUS PROPERTY

Fort Steele Mining Division

Trim Maps 082F050, 060 and 082G041,051

UTM Center 5482500N 575500E

Owner – Ruby Red Resources Inc.
207, 239 – 12th Avenue SW
Calgary, Alberta
T2R 1H6

Operator – As above

Consultant – Anderson Minsearch Consultants Ltd.
3205 6th. St. South
Cranbrook, B.C.
V1C 6K1

Author – Douglas Anderson, P.Eng.

Submitted – February, 2008



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

29,657

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Appendix A Soil Geochem Analytical Results
Z-07-1 Drill Core ICP-MS
Z-07-1 Drill Core Rare Earths

GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING REPORT

ZEUS PROPERTY

1.0 Introduction

The Zeus property is centered on a copper-gold prospect located about 12 air-kilometres west of Cranbrook, B.C. Access is gained by logging roads up the Moyie river then branching onto secondary logging roads up the Palmer Bar drainage. Total driving distance is about 25 kilometres. Access to the western portion of the property is from the logging roads up Perry creek and logging roads up its tributaries of France and London creeks. The area varies from 1200 to 2200 metres elevation ASL. Heavily forested with lodgepole pine, spruce and larch, it has also been extensively logged.

Approximately centered on UTM's 5482500N and 575500E, the core of the property encompasses the following claim tenures: 512215, 512217, 512224, 512225, 512221, 512220, and 512219.

2.0 Property Definition, History and Background Information

The Zeus property encompasses about 3000 hectares straddling the topographic divide between the lower Moyie river and Perry Creek drainages. The area has a lengthy and varied exploration history ranging from the late nineteenth century to present day. The early efforts were directed at the placer gold in Perry, Moyie and lower Palmer Bar creeks. Lode gold exploration focused in the early half of the twentieth century on showings discovered by prospecting. Sampling, trenching, and underground development was used to explore the various prospects. This work always seemed to define small, isolated gold occurrences with apparent near surface enrichment in the weathered zones. Such developments as the Running Wolf, Homestake, and Columbia are a few examples from this period. In the 1970's interest resurfaced with higher gold prices and modern exploration techniques were employed. During 1980 to 1987 Gallant Gold completed geological mapping, geophysics, and geochemical work mostly along the west flanks of the Perry Creek drainage west of Zeus. Investigation of old showings and their on trend projections were the focus. In 1987, two targets were drilled at Petra and Quartz creek. (All this work is recorded in eight in the A.R.# 7723 through 15679 range) As Gallant Gold curtailed activities, Chapleau Resources took up the challenge, staking ground along the east flank of Perry creek over into the tributary drainages of the Moyie. During 1986 and 1987 an extensive regional program (Purcell Camp) included prospecting and sampling, stream sampling, geological mapping, trenching and sampling, and localized soil geochem surveys. In 1988, Chapleau focused its efforts on the Barr property in upper Palmer Bar drainage as widespread quartz float with visible gold had been located. The work in that year included trenching, geological mapping, and drilling of 2500 metres in a relatively small area of about 1 square kilometer. This drilling intersected significant copper in a few of the holes and widespread but isolated anomalous gold in a wishbone-

Zeus Location Map

Zeus Location

Topographic Layers

Lakes 1:6M

Rivers 1:6M

BC Border Layers

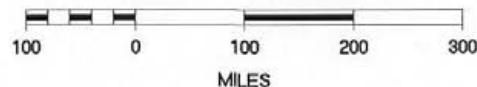
BC Border 1:6M



Map Center: 54.4781N 124.7082W

FL

SCALE 1 : 11,170,257



N



Zeus Claim Map

Mineral Titles Layers

- Zeus Tenure
- All Mineral Tenures

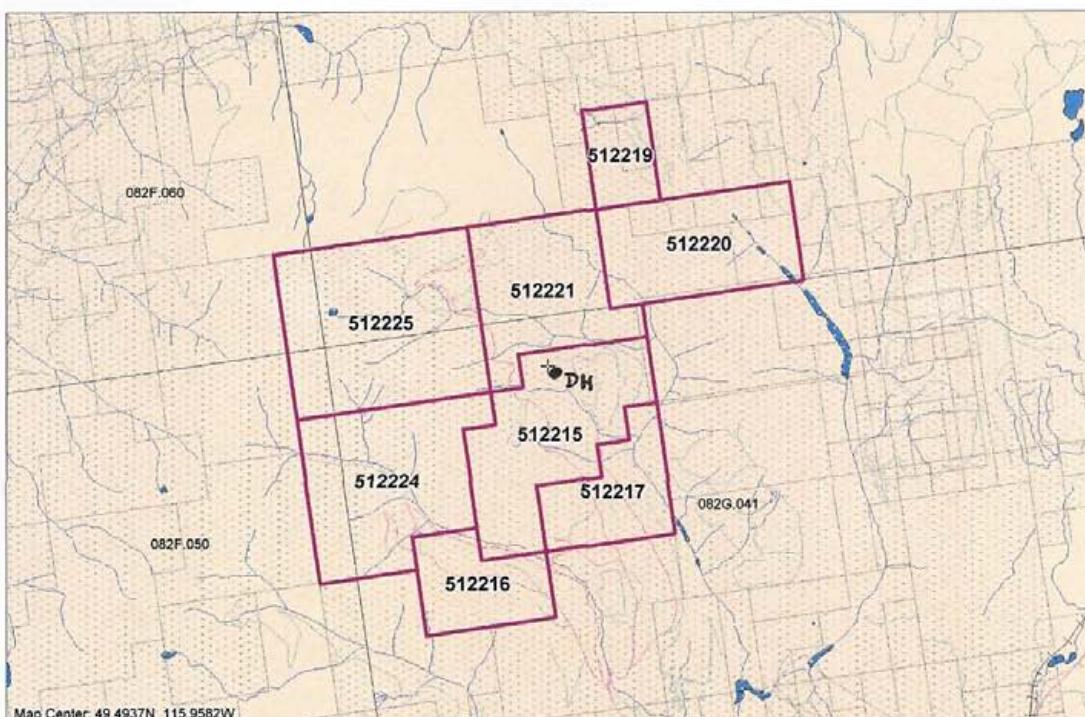
Topographic Layers

- Railways 1:20K
- Roads 1:20K
 - Gravel Road
 - Paved Road
 - Rough Road
- Lakes 1:20K
- Rivers 1:20K

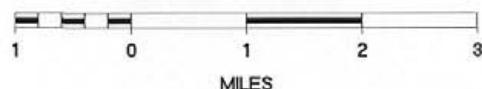
Grid Layers

- Grid 1:20K - labels
- Grid 1:20K - outline

BC Border Layers



SCALE 1 : 105,358



N



F2

shaped zone. This is a large quartz-feldspar alteration zone associated with extensive and intense argillic alteration and syenite intrusions, all proximal to the intersection of the Cranbrook and Palmer Bar faults. In 1990, under option Swift Minerals drilled one somewhat deeper hole central to the alteration zone. Also in 1990, Chapleau Resources undertook an airborne geophysics survey which covered a large area west of the Barr(Zeus). In 1996, Abitibi Mining Corp. drilled one hole on the east side of the Barr to test the Cranbrook Fault portion of the Barr mineralization hitting some anomalous gold values. In 2004, Chapleau completed some regional work, covering the Zeus but focused most of their efforts to the east on their Bar option and an area well to the southwest known as the Zinger.

3.00 Regional Geology

The Moyie to Perry creek area is central to the Purcell Anticlinorium, a broad generally north-plunging structure in southeastern B.C. that is cored by Middle Proterozoic Purcell Supergroup rocks and flanked by Late Proterozoic Windermere Group or Paleozoic sedimentary rock.

The Purcell Supergroup comprises an early synrift succession, the Aldridge Formation, and an overlying generally shallow water post-rift or rift fill sequence which includes the Creston and Kitchener Formations and younger Purcell rocks.

The Aldridge is the oldest formation of the Proterozoic Belt-Purcell Supergroup. The Supergroup is a thick sequence of terrigenous clastic, carbonate, and minor volcanic rocks of Middle Proterozoic age. The basal Aldridge Formation, as exposed in Canada, is siliciclastic turbidites about 4000 meters thick. It is informally divided into the Lower, Middle, and Upper members. To the north and east in the basin, the Lower Aldridge, the base of which is not exposed, is about 1500 meters of rusty weathering (due to pyrrhotite), thin to medium bedded argillite, wacke and quartzitic wacke generally interpreted as distal turbidites. The Sullivan orebody occurs at the top of this division. To the south and west in the basin in Canada, the upper part of the Lower Aldridge is dominated by grey weathering, medium to thick bedded quartz wackes considered to be proximal turbidites. The Lower Aldridge is commonly host to a proliferation of Moyie intrusions, principally as sills. The Middle Aldridge is about 2500 meters of grey to rusty weathering, dominantly medium bedded quartzitic wacke turbidites with periodic inter-turbidite intervals of thin bedded, rusty weathering argillites some of which form finely laminated marker beds (time stratigraphic units correlated over great distances within the Aldridge/Prichard basin). There are several Moyie intrusions as sills within the Middle Aldridge including two of the most consistent, laterally extensive sills. The Upper Aldridge is about 300 meters of thin bedded to laminated, rusty weathering, dark argillite and grey siltite often in couplet-style beds.

The overlying Creston Formation is divided into three divisions which are part a shallower-water sequence of fine-grained clastic rocks. The Lower Creston is an argillaceous sequence of laminated to thin bedded, grey to greenish argillites with lesser siltstone. The Middle Creston is a grey to greenish weathering sequence dominated by

thin to thick bedded, fine-grained quartzitic wackes to quartz wackes. Interbedded argillites are laminated to thin-bedded rocks. Sedimentary features include flame structures, graded bedding, cross-bedding and lenticular bedding. On a fresh surface the quartzites vary from grey to green to mauve colors with shallow water depositional conditions dominant. The overlying Upper Creston is a greenish-grey to green argillite sequence with some intermixed siltstones. Thin and wavy bedded, these rocks form a transition to the rocks above. The Kitchener Formation has basically two divisions. The lower division is not as well exposed but is green weathering argillite and siltstone which are thin bedded. Characteristic of Kitchener is presence of carbonate and this shows as buff weathering interbeds of dolomitic siltstone. The upper portion of the Kitchener is a darker grey to black or buff weathering thin bedded succession of argillite, carbonate, and dolomitic siltstone.

The Zeus property is within a broad area between the Moyie and Perry Creek Faults which is cut by numerous NNE-trending faults sub-paralleling the regional faults. Some zones of isoclinal folding occur along these structures. One of the more significant faults of this NNE type is the Palmer Bar Fault, a west-dipping normal fault with 300 to 400 metres of movement on it. Crossing the Palmer Bar and other faults is the east-west oriented Cranbrook Fault, a north-dipping normal fault juxtaposing Lower Creston rocks against Middle Aldridge. The core of the exploration activity has focused efforts along the Cranbrook Fault on the Bar and Zeus properties. The Zeus mineral potential seems to occur more around the intersection of the Palmer Bar and Cranbrook Faults and to the west into the Perry and Wuho Creek drainages.

4.00 Summary of Work Done

A program of geological mapping was undertaken sporadically from May 15 to October 15. It focused more on expanding the information base for the Zeus area rather than just the primary focus around the Wishbone zone. A single drill hole was completed (May 22 to May 27) central to the Wishbone zone as the core from previous drilling had not been preserved. This allowed for new core, re-sampling of the copper mineralization and a renewed investigation/understanding of the significance of the geological setting for the copper mineralization. Prospecting was carried out on the northeast portion of the property and a four line soil survey was completed in the fall.

5.00 Geological, Geochemical and Diamond Drilling Report

5.10 Geological Mapping

Mapping included quite a large area at 1:20000 scale and therefore was not comprehensive, focusing on certain features and trying to extrapolate from the core area of the property. The Palmer Bar and Cranbrook Faults were extended with more certainty. The Cranbrook is thought to be offset by the Palmer Bar and extend out to the west over into the Perry drainage. In doing so, it is transected by several more NNE-trending faults making its trace more tenuous. Perhaps most interesting is the presence of abundant syenite intrusion float along the extrapolation of the Cranbrook fault between

upper London and France creeks. The NNE faults all seem to be loci for intense argillic alteration as well as quartz veining. The Palmer Bar fault contains known gold occurrences but to the northeast it or a sub-parallel fault hosts iron oxide zones and syenite dykes. These dominantly hematite-rich zones (minor magnetite) are secondary mineralization replacing the Middle Creston sediments along the structures.

5.20 Geochemistry

Four soil lines were completed across the trend of the Palmer Bar structures on the northeast quadrant of the property. A total of 69 samples (50m spacing) were collected from the B horizon soils and analyzed by Acme Laboratories in Vancouver. Placed in kraft paper bags, the samples were shipped for processing and analysis by Group 1DX with 1:1:1 aqua regia digestion ICP-MS. This work is a preliminary survey only to provide some evaluation/indication of the potential for IOCG type mineralization.

The results do not document evidence for mineralization. The copper and gold values are low with rare exception. No other pathfinder type elements provide any supportive evidence for an IOCG type setting. However, this is a limited number of soils, quite widely spaced and the lines are in difficult terrain with often poor soil development.

5.30 Diamond Drilling

A single diamond drill hole was drilled on the Wishbone zone close to the intersection of the Palmer Bar and Cranbrook Faults. It was a repeat of previous drilling done in 1988 because the core from that program had been discarded. The previous program had included 22 holes drilled in the general area of fault intersection in the appropriately named Wishbone zone. Some of these holes had encountered significant copper mineralization over appreciable widths so it was deemed necessary to re-drill the zone and get an up-to-date look at the geological setting and type of mineralization.

Hole Z-07-1 was drilled at -70° at azimuth 170° at UTM coordinates 5482616N and 0575625E. Drilled to a depth of 325.45 metres the hole cored: highly altered and variable sediments to 66.5 metres; 3 metres of altered syenite dyke; then from 69.8m to 219.2m is the mineralized interval of highly altered, brecciated quartz-feldspar principally with abundant pyrite and chalcopyrite. This zone is interpreted as highly altered and tectonized sediments replaced by quartz and feldspar (albite) which has been brecciated several times. The sulphides occur as 8 to 10% of the volume in better grade intervals with pyrite and chalcopyrite in small, irregular patches and seams. The best interval is 57 metres of 0.63%Cu, 3.8grams/t Ag and 87grams Bi. Geochemically anomalous gold is present with the highest being 0.9m of 517 ppb. The hole exited into argillically altered sediments and interpreted mafic intrusions to the bottom of the hole. Analyses on the 68 samples of core were done by Acme Labs by Group 1DX – 15gm sample leached with 90mL 2-2-2 HCL-HNO30-H2O at 95degrees, analyzed by ICP-MS. Thirty samples of the core were also checked for Light Rare Earths by Acme using Group 4B – 0.200gm by LiBO2/Li2B4O7 Fusion with negative results.

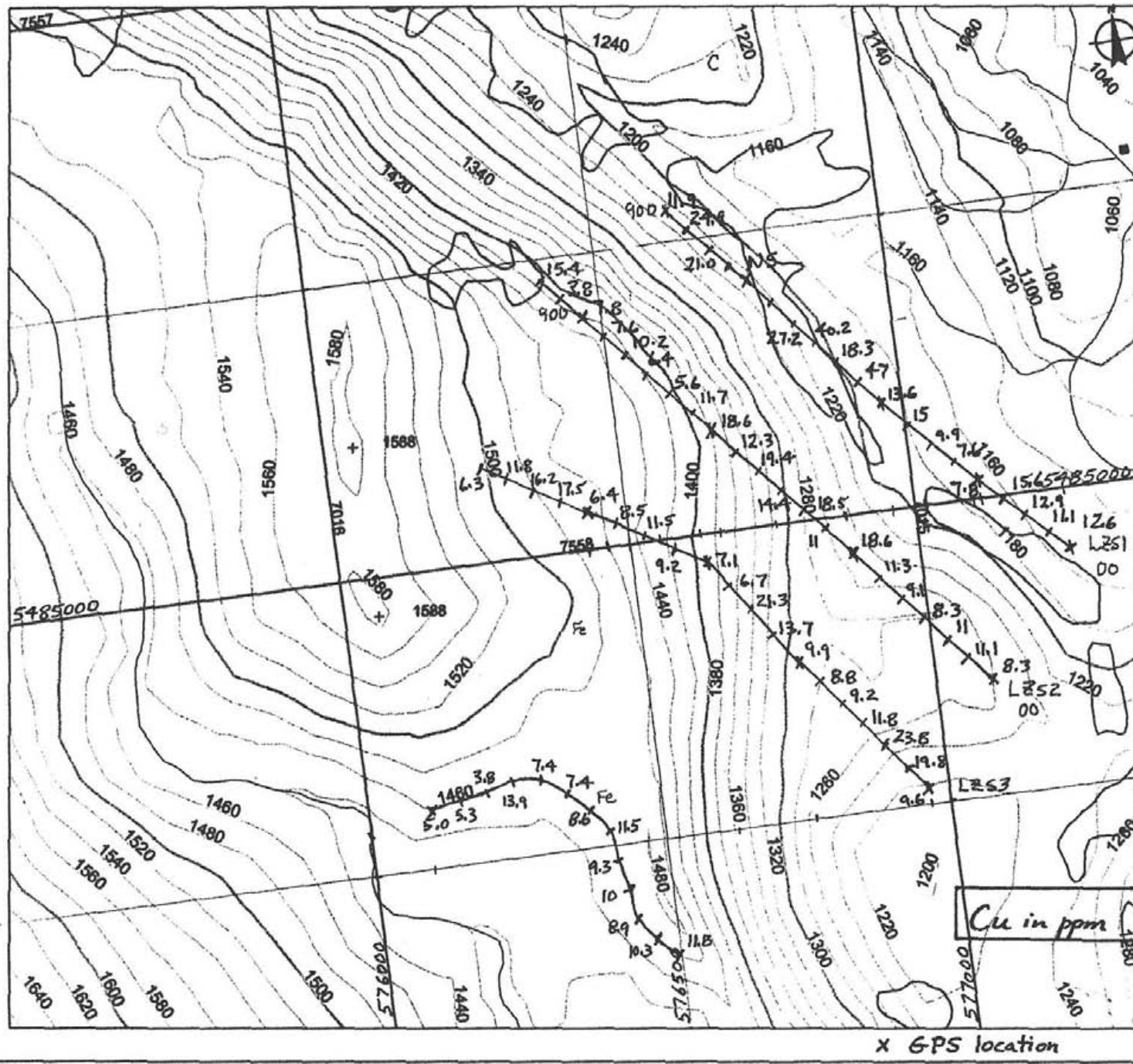


Figure 4



Zeus Northeast - Soils

Legend

Water - River, Canal, etc. - Colour
Themed (1:20,000)

 **Caret**
 River or Stream - DuSable

**Water - River, Canal, etc. -
Outlined (1:25,000)**

 Cards
Beyer or Bierman - Definition

Water - Lake, Reservoir, etc
Colour Themed (1:20,000)

Lake - Detroit

Water - Lakes, Reservoirs, etc.

Miss - Telling Pond

Labra - Defense
 Roosevelt - Defense

1992 - Present Land - Inundated

Port
Server

Water + Wetlands • Outline
(1:20,000)

Planned Land Journalized
140

Scalable 10,000 colour PMS

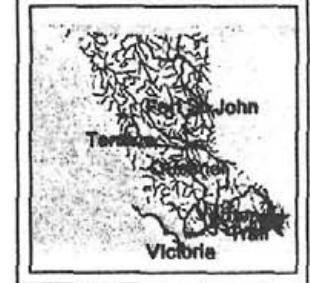
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CAUTION: Maps obtained using this unit are not designed to assist in navigation. These maps may be generalized and may not reflect current conditions. Uncharted hazards may exist. DO NOT USE THESE MAPS FOR NAVIGATIONAL PURPOSES.

Datum/Projection: NAD83, Albers Equal Area Conic

Key Map of British Columbia



6.0 Summary and Conclusions

The geological mapping established the extension of some of the faults, in particular the Cranbrook Fault. More syenite float occurrences to the west suggest localization by the east-west Cranbrook Fault. Numerous NNE oriented faults transect the Cranbrook Fault to the west with argillic alteration pronounced. Some iron oxide (hematite) zones were located along the extension of the Palmer Bar fault in the northeast.

The single drill hole intersected highly altered sediments and two syenite dykes. The intersection of 57 metres of 0.63%Cu, 3.8g/t Ag, and 87g/t Bi along with cobalt is highly significant. The sulphides are principally in a highly altered interval of quartz and albite between the dykes.

7.0 Itemized Cost Statement

Geology – establishing maps; mapping; managing drilling; logging core; plotting and interpretation of all results; transportation.

(\$400/day plus truck at \$75/d and 0.75/km) \$14901.75

Setting drill site and drill (PK) 598.00

Geochemistry - Field -69 soil samples collected on northeast portion of property – 2person/2days (\$175/d+truck use costs of \$75/d and \$0.75/km) 518.67

Analyses – Acme Labs – Preparation of samples and analysis by ICP-MS \$ 1060.00

Analyses – Acme Labs – Preparation and analysis of drill core (68 samples) – crushing, sieving and digestion etc. \$2451.71

Supplies and Equipment – saw blades and plastic bags (Hayden) 175.00

Map production – digitizing maps (Kevin Franck) 210.00
Office rental and logging facility/sampling 350.00

FB Drilling – includes mob/demob; includes cat work on site; and drilling of one hole to 325.45m. \$35046.37

Anderson Minsearch Consultants – Report Preparation – 4 days@\$400 1712.00

EK Expediting – B.C. – moving;mark-up;storage and sampling of core (\$250/d plus truck use costs as above) 1626.50

Overhead for Ruby Red Resources in Calgary, Alberta(12%) \$7027.00

Total Costs = \$65677.00

8.00 Author's Qualifications

I, Douglas Anderson, Consulting Geological Engineer, have my office at 3205 6th. St. South in Cranbrook, B.C., V1C 6K1.

I graduated from the University of British Columbia in 1969 with a Bachelor of Applied Science in Geological Engineering.

I have practiced my profession since 1969, predominantly with one large mining company, in a number of capacities all over Western Canada and currently within southeastern B.C. as a mineral exploration consultant.

I am a Registered Professional Engineer and member of the Association of Professional Engineers and Geoscientists of B.C., and I am authorized to use their seal which has been affixed to this report.

I am also a Fellow of the Geological Association of Canada.



Douglas Anderson, P.Eng., BASc., FGAC

9.00 References

Assessment Reports have been the main source for data and information:

Assessment Report Numbers – 07723, 8598, 9850, 11802, 13007, 17514, 21098, 20274, 24635, and 27264.

Appendix A

Soil Analytical results enclosed from Acme Labs.

UTM coordinates for selected points along the lines are:

LZS1+00	577257	5484900			
LZS1+200	577113	5485033			
LZS1+400	576969	5485192			
LZS1+700	576755	5485420			
LZS1+900	576622	5485552			
LZS2+00	577100	5484700	LZS3+500	576622	5484957
LZS2+300	576877	5484940	LZS3+700	576431	5485068
LZS2+600	576658	5485175			
LZS2+900	576463	5485397	LZS4+00	576100	548603
LZS3+00	576964	5484529			
LZS3+300	576761	5484957			

DIAMOND DRILL LOG FOR DIAMOND DRILL HOLE Z-07-1
Zeus Property

Z-07-1 325.45 metres -70° to 170° 1555m elevation

Collar UTMs 575625E 5482616N

NQ core with core recovery excellent at +90%. 12.19m of overburden

FB Drilling Core stored at the Vine property in Peavine Creek.

Objective: To confirm results of previous drill holes drilled in 1988-1989 which intersected interesting copper mineralization.

- 12.19 23.28 Predominantly dark grey laminated to thin bedded argillite which has been altered/replaced in part to pale green, slightly harder, less bedded “siltstone”. Bedding most commonly at 30° to 45° to ca. Some couplet-style bedding (light grey silty, dark grey argillite). Core is shattered, especially where harder and altered. Pyrite in seams and patches but not abundant.
- 23.28 35.0 Exclusively pale green – was dominantly an argillaceous interval but there is widespread silicification/replacement of sediment by quartz. Bedding is mostly obliterated (0 to 35°). Highly strained/fractured, especially where silicified. Some quartz-rich seams with pyrite but not common.
- 35.0 43.45 Alteration change – less intense with mixed green and dark green sediments of t.b. to laminated character – dark grey sediments are bleached and altered, folded and cleaved. (looks like altered/bleached dark grey sediment). Bedding highly variable, folded to 30 down to 0°. Pyrite only on some fractures.
- 43.45 66.5 Dominantly dark grey to black argillaceous sediments – finely laminated with irregular bedding. There are intervals of pale green/bleached, harder silicified units. (In the UA to LC transition?) Bedding is variable – all angles below 35°. Highly cleaved/crinkled argillaceous sediments. More fine pyrite in the laminations or in the cleavage. 65.2 to 65.35m quartz vein with pyrite and galena.
- 66.5 69.83 Highly altered, pale green to light grey to buff, crystalline massive intrusion. Both contacts are gougy, broken zones in the sediments. Some quartz clasts (foreign) with greenish, hard crystalline feldspar laths in buff to green matrix. (Syenitic – laths zoned with light core/dark margins.) Spotted with sericitization of fine matrix. Fractures with quartz, some galena and sphalerite.

- 69.83 75.6 Uniform pale green, mostly hard (feldspar and quartz alteration), mostly was thin bedded sediment, probably was argillaceous (now hard). Contact with dyke for 20cm quite altered. Some relict bedding. Not highly tectonized. Minor pyrite.
- 75.6 100.6 Start of intensely altered, fractured, brecciated zone – albite and quartz with remnant intervals of medium to darker grey argillaceous material. Streaky, weakly laminated sediment but almost entirely replaced/altered blending into the overall matrix. Apparent lams at 25 to 40° to ca. Streaky sheared look. Locally brecciation. A foliation at 30 to 45° ? Multiple exposure to deformation. Pyrite streaks and patches starting to appear. Some short <25cm of 20% pyrite.
- 100.6 126.15 Variably grey, more intensely brecciated, then altered, then re-brecciated. May have been several stages of quartz+ influx resulting in complex textures. No bedding preserved. There is a fabric – in places at 50 to 60° to ca. defined by sediment remnants, clast axes, pyrite patches, qv (quartz-rich bands. Quartz flooding, some albite – only remnant dark grey argillaceous material. 118-123m more common tan colored, very hard feldspar remnants. Increase in the % of pyrite, small amounts of chalcopyrite. Pyrite as patches scattered through interval.
- 126.15 129.05 Mixture of sediment blocks, altered blocks and clasts, darker grey matrix. Argillaceous dark matrix with variety of clast types. Fault breccia – old structure now healed and altered at ~ 40° to ca. Pyrite low.
- 129.05 136.08 Similar to above interval – intensely brecciated and altered. Minor green sediment. Complexly brecciated then altered. Silicification – several phases with replacement of feldspars. Pyrite patches and bands – brecciated.
- 136.08 141.75 Still highly altered – silicified but pale green sediment more prominent with vague suggestion of bedding (?) at 35 to 45° to ca. Still brecciated in part. The sediment is quite hard. Quartz veining – pyrite patchy but quite high % at 10 to 15%. Occassional chalcopyrite.
- 141.75 172.77 Variably grey – light to medium due to quartz (silicification). Overall darker grey. Brecciated – several times with albite broken and replaced by quartz. Silicification cements the zone together. This interval is the best overall pyrite and chalcopyrite interval. Sulphides as irregular patches Chalcopyrite in small patches and seams. Quartz 60-75%; sediment remnants 10-15%; sulphides 8-10%; and feldspar (albite) 10-15%.
- 172.77 219.2 Lighter colored with quartz and albite still dominant but remnants of darker grey argillite (finely, wispy laminated particularly 193.8 to 201.7m) Patches of remnant dark grey sediment continue to 219.2m

but lessen with quartz abundance towards 219.2m. Color change to more white (albite, light sericite). Brecciated sediment remnants at various angles to core. Still highly deformed with disaggregation of any remaining. QV along lams in sediment, broken up by later brecciation and alteration. End of better copper values – pyrite decreases so by 176.2 is significantly less but is still present below this depth. Pyrite increases again starting at 212.5m. Albite(?) 35%; quartz 25%; sediment remnants average 30%; pyrite 3-4%.

- 219.2 229.88 Crumbly, argillically altered intrusion – remnant feldspar laths. Porphyritic with zoned white/cream feldspar laths. A few sediment clasts. Two small apophyses within sediments below lower contact. Extremely altered. U.contact is mush. L.contact is irregular. Fabric orientation is 30 to 40° to ca. Argillic alteration intense reducing rock to clays. No mineralization.
- 229.88 262.8 Into highly bleached, altered sediments (were mostly argillaceous rocks) Albitic then softer for ~1m then green and grey sheared at low angles. Fragmental sediment – lenticular remnants. 246.5-281.64m sugary white quartzite; 251.2-252.6m sugary quartzite – medium grains of light grey quartz in white, fine matrix. Dominantly pale green with shorter, dark grey fine laminate. Bedding preserved below intrusion – by 235.8m at 50-60°; 253.5m beds at 60°. Light colored argillic alteration. Very little sulphide - quartzites are coarser than quartzite of the Aldridge, is this transition to Creston.?
- 262.8 274.2 Highly sheared, altered gabbro? Probably a sill? Vaguely finely crystalline locally. (No suggestion of bedding). Foliation at 20 to 30° to ca. Argillic alteration intense (scratch with fingernail).
- 274.2 300.75 Finely laminated due to original character but more due to shearing. Sediment much more strained than above altered gabbro. Rocks were argillaceous, t.b. to even laminated. One 20cm m.g. quartzite bed at 294.8 -295m. Quartzite white and sugary 298.3-300.4m Bedding deformed and transposed. Folded, attenuated beds. Highly sheared with foliation at 45 to 50°. Fault gouge 276.4 – 277.13m No mineralization.
- 300.75 325.45 Uniformly foliated with sheared gabbro? but quite light green, no EOH suggestion of crystallinity. Spotted character suggestive of intrusion. Remnant chlorite. Shear at 40-45° to ca. Extremely soft but cores well. Very few quartz veins.

Sampling of core:

Sample No.	From	To	Length	ppm				
				Cu	Ag	Bi	Au	Co
304561	65.18	65.7	0.52m	242.1	13.9	20.6	227.1	20
304562	100	102	2.0m	563.6	0.2	22.2	36	375
304563	102	104	2.0m	25.2	<0.1	10.2	23.5	246.8
304564	104	106	2.0m	59.1	<0.1	12.2	23.7	213.6
304565	106	108	2.0m	25.9	<0.1	10	23.6	122.4
304566	108	110	2.0m	356.4	0.1	7.2	12.4	78.3
304567	110	112	2.0m	1040.4	0.3	7.9	16	81.2
304568	112	114	2.0m	188.0	0.2	8	28	100.5
304569	114	116	2.0m	465.1	0.5	8.2	26	90.3
304570	116	118	2.0m	2644.2	1.6	9.1	34.5	88.8
304571	118	120	2.0m	5002.0	2.6	14.8	31.2	74.6
304572	120	122	2.0m	7662.8	2.6	119.4	25.1	64.2
304573	122	124	2.0m	3052.5	0.8	50.8	26.6	61
304574	124	126	2.0m	876.7	0.2	7.1	10.8	32
304575	126	129	3.0m	116.1	0.2	8.7	8.8	88
304576	129	131	2.0m	4352.7	1.1	32.6	19.3	53.4
304577	131	133	2.0m	5669.4	0.9	126.2	44.9	56.2
304578	133	135	2.0m	7267.7	1.2	153.4	23.3	83.7
304579	135	137	2.0m	5452.1	0.9	30.1	16.9	43.9
304580	137	139	2.0m	1562.7	0.3	48.2	23.8	53.3
304581	139	141	2.0m	5327.5	0.8	79.4	19.6	60.8
304582	141	143	2.0m	2553.8	0.4	15.5	16.9	62.4
304583	143	144	1.0m	7104.0	2.8	64.7	39.8	81.6
304584	144	145	1.0m	13240.0	15.0	276.3	65.7	53.1
304585	145	146	1.0m	9853.1	14.9	177.8	62.8	65.6
304586	146	147	1.0m	9814.4	27.4	102.7	52.5	73.8
304587	147	148	1.0m	15170.0	14.8	79.9	39.2	61.9
304588	148	149	1.0m	11110.0	7.6	168.8	46.6	83.3
304589	149	150	1.0m	15800.0	7.6	109.5	26.9	52.5
304590	150	151	1.0m	15556.0	12.0	165.3	42.2	54.3
304591	151	152	1.0m	13400.0	9.6	112.6	53.9	84.2
304592	152	153	1.0m	11950.0	4.1	45.4	26.3	52.4
304593	153	154	1.0m	7183.5	6.5	123.2	46.3	59.3
304594	154	155	1.0m	6164.4	6.5	125.6	38.7	49.4
304595	155	156	1.0m	4414.8	2.8	31.2	12.8	33.6
304596	156	157	1.0m	3219.8	2.8	51.9	30.0	51.4
304597	157	158	1.0m	1641.8	1.5	21.5	8.9	34.1
304598	158	159	1.0m	9956.9	20.9	449.6	147.1	77.9
304599	159	160	1.0m	6210.9	2.6	79.0	23.0	55.1
304600	160	161	1.0m	5197.8	3.2	100.0	36.6	87.9
304601	161	162	1.0m	7243.3	2.1	148.7	18.8	45.6

304602	162	163	1.0m	4788.9	1.4	69.2	22.4	50.1
304603	163	164	1.0m	3032.2	1.9	69.1	18.3	41.5
304604	164	165	1.0m	4378.4	2.0	104.8	28.3	67.8
304605	165	166	1.0m	7651.8	3.0	85.4	32.2	78.2
304606	166	167	1.0m	4453.5	2.9	86.5	143.9	71.4
304607	167	168	1.0m	6024.5	2.5	76.9	74.7	79.9
304608	168	169	1.0m	8047.7	3.1	154.6	129.9	92.1
304609	169	170	1.0m	4306.5	1.1	47.5	31.0	62.6
304610	170	171	1.0m	7866.3	2.0	183.4	54.8	88.4
304611	171	172	1.0m	6212.1	1.9	47.8	31.0	61.8
304612	172	173	1.0m	6369.8	1.9	154.6	34.1	93.9
304613	173	174	1.0m	973.0	1.8	19.6	38.7	127.8
304614	174	175	1.0m	1988.7	1.9	13.2	44.1	145.9
304615	175	176	1.0m	32.6	0.8	8.5	47.1	293.4
304616	212.5	213.5	1.0m	15.1	0.3	4.9	58.8	193.6
304617	213.5	214.5	1.0m	16.3	0.4	7.3	71.2	355.6
304618	214.5	215.5	1.0m	13.8	0.5	11.2	90.5	929.8
304619	215.5	216.5	1.0m	14.5	0.2	3.9	74.8	173.3
304620	216.5	217.5	1.0m	7.6	0.2	3.7	87.9	191.1
304621	217.5	218.5	1.0m	13.8	0.4	6.5	275.1	360.1
304622	218.5	219.4	0.9m	49.5	0.7	8.8	517.1	266.4

GEOCHEMICAL ANALYSIS CERTIFICATE

ZEUS - 07-1 Core

ICP-MS.

Ruby Red Resources Inc. PROJECT ZEUS File # A704223 Page 1

207 - 239 - 12th Ave S.W., Calgary AB T2R 1H6 Submitted by: D. Anderson

Appendix A

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 ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B %	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S ppm	Ga ppm	Se ppm	Sample kg
G-1	.2	1.9	2.8	49	<.1	3.6	4.4	519	1.79	<.5	2.7	1.4	4.0	50	<.1	<.1	.1	41	.48	.089	6	7	.59	209	.117	1	.99	.061	.49	.1	.01	2.3	.3	.10	5	<.5	-
304561	7.5	242.1	4439.8	24	13.9	17.9	20.0	22	3.37	35.3	1.0	227.1	5.5	4	.8	4.1	20.6	6	.05	.014	10	9	.04	30	.001	2	.30	.012	.14	.4<.01	.8	.1	3.84	1	.9	1.12	
304562	2.4	563.6	36.6	5	.2	61.5	375.0	10	8.70	112.9	19.3	36.0	1.1	3	.5	1.0	22.2	3	.01	.006	30	11	.02	13	.001	1	.11	.004	.06	2.3<.01	.4	<.1	8.90	<1	5.1	4.66	
304563	3.1	25.2	24.4	3	<.1	30.3	246.8	19	7.47	88.0	13.5	23.5	1.2	3	.1	.4	10.2	3	.01	.005	24	17	.01	10<.001	1	.13	.007	.08	.1<.01	.3	<.1	8.00	1	4.4	5.24		
304564	1.2	59.1	12.3	3	<.1	28.5	213.6	15	6.92	108.0	7.3	23.7	1.3	2	<.1	.3	12.2	3	.01	.004	10	15	.03	8<.001	1	.15	.006	.06	2.7<.01	.2	<.1	6.54	1	3.1	5.34		
304565	2.4	25.9	14.2	5	<.1	16.0	122.4	18	6.94	106.5	2.9	23.6	1.7	4	<.1	.5	10.0	2	.01	.004	6	15	.03	7<.001	1	.16	.008	.07	.1<.01	.2	<.1	7.24	1	2.9	4.88		
304566	2.0	356.4	21.4	5	.1	18.4	78.3	18	6.71	62.3	1.9	12.4	1.5	4	.1	.3	7.2	3	<.01	.002	5	17	.07	7<.001	1	.19	.007	.07	4.0<.01	.3	<.1	7.20	1	2.9	6.02		
304567	1.7	1040.4	49.0	10	.3	11.4	81.2	19	7.53	51.9	1.2	16.0	1.9	4	.5	.3	7.9	3	<.01	.002	3	14	.11	6<.001	1	.24	.006	.06	.1<.01	.3	<.1	7.45	1	3.9	5.26		
RE 304567	1.7	1086.0	51.1	10	.3	11.6	85.5	21	7.33	52.8	1.2	17.2	1.9	4	.5	.3	8.0	4	<.01	.002	3	15	.11	7<.001	1	.24	.006	.07	.1<.01	.4	<.1	7.58	1	3.7	-		
RRE 304567	1.2	1019.2	48.5	11	.3	11.8	63.5	17	7.53	55.6	1.3	16.9	1.9	4	.4	.4	8.2	4	<.01	.002	3	16	.10	6<.001	<1	.23	.006	.05	3.6	.01	.4	<.1	7.58	1	3.8	-	
304568	1.9	188.0	41.1	5	.2	39.3	100.5	16	6.82	241.1	2.4	28.0	.6	5	.1	.5	11.6	5	<.01	.004	2	19	.05	6<.001	1	.15	.004	.05	.1<.01	.5	<.1	6.91	1	2.3	5.08		
304569	1.8	465.1	33.5	4	.4	28.5	90.3	14	4.68	152.2	2.3	26.0	.2	6	.1	.3	10.2	4	<.01	.006	2	25	.01	5<.001	1	.07	.003	.03	3.2<.01	.4	<.1	4.89	<1	1.6	5.70		
304570	3.1	2644.2	11.3	7	1.5	26.5	88.8	18	5.82	155.3	1.8	34.5	.1	3	.2	.3	9.1	2	<.01	.001	7	27	<.01	3<.001	<1	.04	.002	.02	.2	.01	.4	<.1	5.83	<1	2.3	4.88	
304571	1.2	5002.0	16.3	7	2.6	20.1	74.6	13	4.79	112.1	.6	31.2	.1	2	.4	.2	14.8	2	<.01	.002	10	23	<.01	3<.001	<1	.04	.002	.02	3.0<.01	.4	<.1	4.67	<1	1.6	5.52		
304572	1.0	7662.8	81.6	7	2.6	19.8	64.2	15	5.66	149.7	1.0	25.1	.4	8	.7	.5	119.4	3	<.01	.007	27	19	<.01	3<.001	<1	.07	.002	.03	.2	.01	.6	<.1	5.02	1	2.0	4.70	
304573	.6	3052.5	35.9	10	.8	61.1	61.0	15	7.90	280.0	.7	26.6	.9	6	.7	.4	50.8	5	<.01	.002	6	17	.08	5<.001	<1	.23	.003	.03	2.8<.01	.8	<.1	6.89	2	1.7	4.72		
304574	1.2	876.7	35.7	8	.2	9.0	32.0	18	1.33	45.5	.7	10.8	.7	4	.6	.2	7.1	3	<.01	.002	8	22	.03	5<.001	1	.15	.002	.03	.1<.01	.4	<.1	1.17	1	<.5	5.08		
304575	2.5	116.1	10.0	67	.2	37.2	88.0	73	4.53	53.6	3.4	8.8	9.7	5	.2	.4	8.7	14	.08	.034	14	20	.86	26<.001	1	1.69	.011	.15	1.1<.01	2.4	.1	2.57	5	1.1	7.62		
304576	2.6	4352.7	23.8	56	1.1	22.7	53.4	30	4.92	141.8	.5	19.3	2.1	2	.3	.6	32.6	12	.01	.001	2	19	.27	6<.001	<1	.65	.005	.04	.1	.01	1.8	<.1	3.79	3	1.3	5.72	
304577	1.4	5669.4	64.4	90	.9	21.7	56.2	19	5.58	212.3	.6	44.9	1.3	1	.6	.6	126.2	6	<.01	<.001	1	18	.12	2<.001	<1	.35	.002	.01	2.2	.01	.8	<.1	4.81	2	2.2	5.14	
304578	1.4	7267.7	78.0	95	1.2	36.3	83.7	20	8.05	110.0	.5	23.3	.3	3	.7	1.1	153.4	3	<.01	.001	5	16	.03	2<.001	<1	.10	.001	<.01	.3	.01	.3	<.1	6.63	1	2.7	4.96	
304579	.8	5452.1	15.3	92	.9	30.1	43.9	68	5.45	56.7	.2	16.9	.5	14	.5	.3	30.1	38	.01	.004	5	75	.51	4<.003	<1	1.08	.001	<.01	2.1	.01	3.6	<.1	3.17	7	1.1	4.60	
304580	1.2	1562.7	25.7	66	.3	29.8	53.3	69	5.91	87.1	.9	23.8	.7	19	.2	.5	48.2	44	.01	.005	4	105	.51	5<.005	<1	1.09	.001	.01	.3<.01	3.7	<.1	3.86	7	1.1	4.90		
304581	.6	5327.5	39.6	107	.8	32.6	60.8	63	10.29	79.4	1.0	19.6	1.7	7	.7	3.3	79.4	19	<.01	.002	4	27	.29	8<.002	<1	.87	.001	.03	2.6	.01	2.9	.1	7.36	5	1.8	5.14	
304582	.9	2553.8	11.0	66	.4	28.2	62.4	83	8.33	66.7	1.0	16.9	2.4	4	.4	1.3	15.5	14	<.01	.001	2	15	.28	13<.002	1	.95	.002	.06	.1<.01	2.4	<.1	6.01	5	1.2	5.82		
304583	2.2	7104.0	44.6	158	2.8	49.7	81.6	30	11.78	159.4	.5	39.8	.9	2	1.4	1.2	64.7	8	<.01	.001	4	16	.14	6<.001	<1	.49	.002	.02	2.4	.01	1.9	<.1	9.06	2	2.6	2.48	
304584	3.5	>10000	242.2	42	15.0	26.6	53.1	22	7.47	150.0	.7	65.7	.3	2	1.7	5.1	276.3	2	<.01	.001	3	16	.01	2<.001	<1	.03	.001	.01	.2<.01	.2	<.1	6.28	<1	3.2	2.50		
304585	1.1	9853.1	318.6	22	14.9	23.8	65.6	16	8.90	227.2	.4	62.8	.3	1	.9	5.4	177.8	1	<.01	<.001	4	15	<.01	2<.001	<1	.02	.002	.01	3.5<.01	.3	<.1	7.64	<1	3.3	2.06		
304586	1.2	9814.4	859.6	60	27.4	29.8	73.8	17	8.77	222.3	.6	52.5	.3	1	1.3	1.2	102.7	1	<.01	<.001	8	14	<.01	4<.001	<1	.03	.002	.02	.1	.01	.5	<.1	7.41	<1	3.1	2.16	
304587	.9	>10000	369.3	67	14.8	25.0	61.9	18	5.64	125.5	.9	39.2	.3	3	4.1	4.3	79.9	3	.01	.003	6	18	<.01	4<.001	1	.04	.003	.02	4.3	.01	1.0	<.1	4.93	<1	2.2	2.52	
304588	1.5	>10000	187.9	56	7.6	32.6	83.3	24	9.84	284.5	1.0	46.6	.3	2	1.5	3.2	168.8	1	<.01	.001	5	16	<.01	3<.001	<1	.02	.003	.01	.2	.01	.5	<.1	8.32	<1	3.0	2.52	
304589	1.0	>10000	98.6	169	7.6	19.8	52.5	13	6.11	131.2	.4	26.9	.2	2	2.6	2.0	109.5	1	<.01	.001	2	15	<.01	2<.001	<1	.02	.002	.01	2.9	.01	.3	<.1	5.21	<1	2.2	2.24	
304590	2.4	>10000	170.0	48	12.0	19.7	54.3	19	5.93	96.2	1.5	42.2	.2	1	2.2	2.5	165.3	2	<.01	.001	9	16	<.01	1<.001	<1	.01	.002	.01	.1	.01	.4	<.1	4.38	<1	2.6	2.78	
304591	.4	>10000	89.4	35	9.6	19.4	84.2	13	6.93	120.8	.2	53.9	.2	1	.9	2.0	112.6	1	&																		



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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au pb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W %	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample kg
G-1	.3	13.3	3.1	47	<.1	4.0	4.4	507	1.88	<.5	1.6	<.5	3.0	51	<.1	.2	.4	37	.46	.078	7	13	.62	206	.117	1	1.00	.057	.53	1.6<.01	2.0	.4	.07	5<.5	-		
304596	1.4	3219.8	45.9	10	2.8	14.0	51.4	20	5.80	66.0	.3	30.0	.3	1	.2	2.1	51.9	<.01	.001	2	19	<.01	3<.001	1	.03	.003	.02	.2	.01	.4<.1	5.63	<1	1.8	2.56			
304597	.4	1641.8	26.5	8	1.5	8.6	34.1	17	2.74	49.9	.2	8.9	.1	1	.1	.3	21.5	<1<.01	.001	2	18	<.01	2<.001	2	.02	.002	.01	2.6<.01	.2	<.1	2.75	<1	.9	2.56			
304598	1.9	9956.9	452.1	46	20.9	32.6	77.9	16	8.39	114.6	.9	147.1	1.0	1	.9	11.7	449.6	<1<.01	.001	5	14	<.01	5<.001	1	.06	.004	.03	.1	.02	.9<.1	8.29	<1	3.1	2.62			
304599	2.1	6210.9	49.9	43	2.6	17.3	55.1	16	4.91	105.3	2.4	23.0	3.6	3	.4	1.4	79.0	<.01	.002	20	12	<.01	17<.001	1	.24	.009	.10	2.3	.01	1.3<.1	4.86	1	1.7	3.40			
304600	2.1	5197.8	101.8	87	3.2	21.3	87.9	21	8.08	224.9	2.4	36.6	3.5	4	.9	1.1	100.0	3	.01	.002	5	10	.01	17<.001	1	.31	.009	.10	.1	.01	1.2<.1	8.27	1	2.5	2.96		
304601	4.1	7243.3	80.3	101	2.0	19.1	45.6	18	4.18	79.9	2.2	18.8	3.4	6	1.0	1.6	148.7	3	.01	.002	6	12	.02	19<.001	2	.23	.008	.10	2.3	.01	1.2<.1	3.90	1	1.4	3.28		
304602	1.8	4788.9	42.5	121	1.4	16.4	50.1	23	5.51	57.4	1.8	22.4	1.5	10	.8	1.2	69.2	4<.01	.003	3	16	.02	7<.001	<1	.17	.004	.03	<.1	.01	1.1<.1	5.64	1	1.8	2.70			
304603	1.1	3032.2	55.0	59	1.8	11.3	41.5	27	5.82	69.8	1.0	18.3	.8	10	.3	3.9	69.1	<.01	.003	3	18	.02	5<.001	1	.09	.003	.02	3.4	.01	.6	.1	5.44	<1	1.5	2.90		
304604	1.7	4378.4	78.5	58	2.0	14.4	67.8	20	8.27	86.4	.8	28.3	.5	7	.4	2.1	104.8	<1<.01	.002	1	14	<.01	4<.001	1	.04	.004	.02	.1<.01	.9	<.1	8.52	<1	2.5	2.72			
304605	.6	7651.8	49.3	21	3.0	15.6	78.2	20	9.22	204.1	.1	32.2	.1	1	.2	1.4	85.4	<1<.01	<.001	2	17	<.01	1<.001	<1	.01	.002	<.01	3.6<.01	<.1	<.1	8.56	<1	2.7	2.82			
304606	1.5	4453.5	86.9	126	2.9	30.0	71.4	22	13.53	966.6	.2	143.9	.1	1	.9	3.6	86.5	<1<.01	<.001	2	14	<.01	1<.001	<1	.02	.002	<.01	.2	.01	.1	<.1	>10	<1	3.6	3.06		
304607	.6	6024.5	86.3	148	2.5	11.6	79.9	17	9.05	261.9	.3	74.7	.2	1	1.1	1.2	76.9	<1<.01	<.001	1	16	<.01	2<.001	<1	.03	.002	.02	3.4	.02	.2	<.1	9.36	<1	2.0	1.68		
304608	1.2	8047.7	92.3	99	3.1	22.8	92.1	17	12.91	624.2	.2	129.9	.1	2	.8	2.5	154.6	<1<.01	<.001	1	14	<.01	2<.001	<1	.02	.002	.01	.2	<.1	>10	<1	3.9	2.60				
304609	.6	4306.5	33.6	44	1.1	15.9	62.6	15	7.07	86.5	.3	31.0	.2	2	.3	1.3	47.5	<1<.01	<.001	2	17	<.01	1<.001	2	.04	.002	.01	2.9	.01	.4	<.1	7.47	<1	2.2	2.74		
304610	1.6	7866.3	91.8	188	2.0	15.2	88.4	26	12.68	161.5	1.0	54.8	.6	7	1.4	1.8	183.4	1<.01	.004	2	15	.01	2<.001	1	.08	.004	.02	.1	.02	1.0<.1	>10	<1	4.2	2.98			
304611	.6	6212.1	52.5	131	1.9	11.5	61.8	17	7.59	66.6	.5	31.0	.4	3	1.3	1.1	97.8	<1<.01	.002	1	17	<.01	2<.001	1	.06	.004	.02	3.5	.01	.8	<.1	8.66	<1	1.9	2.74		
RE 304611	.8	6508.2	50.0	123	1.9	12.2	59.3	18	7.92	67.4	.4	34.1	.4	3	1.2	1.1	94.8	<1<.01	.002	1	17	<.01	2<.001	1	.05	.004	.02	3.6<.01	1.0	<.1	8.48	<1	2.4	-			
RRE 304611	1.3	6036.9	45.9	116	1.8	10.7	56.1	18	7.91	64.7	.4	38.7	.4	3	1.0	1.0	90.6	<1<.01	.003	1	15	<.01	2<.001	2	.05	.004	.02	.1	.01	.9	<.1	8.25	<1	2.0	-		
304612	.6	6369.8	77.6	55	1.9	15.4	93.9	14	9.93	153.1	1.1	44.1	1.6	1	.5	3.1	154.6	<1<.01	.001	2	12	<.01	6<.001	1	.13	.004	.04	2.4	.01	.6	<.1	>10	<1	3.3	2.68		
304613	1.8	973.0	49.7	43	.8	34.2	127.8	20	3.37	61.5	2.5	47.1	1.1	2	.4	.6	19.6	1<.01	.002	9	11	<.01	12<.001	1	.15	.003	.06	.1	.01	.6	<.1	3.71	<1	1.0	2.32		
304614	.9	1988.7	36.8	10	.7	34.0	145.9	16	3.31	62.1	3.5	34.2	1.5	3	.6	.6	13.2	1<.01	.003	10	13	<.01	15<.001	2	.11	.003	.08	2.9	.01	.5	<.1	3.71	<1	1.0	2.56		
304615	1.4	32.6	16.7	8	.3	43.8	293.4	16	6.75	77.2	5.2	20.6	.5	3	.1	.5	8.5	<1<.01	.003	12	14	<.01	9<.001	1	.06	.004	.05	.1	<.01	.3	<.1	8.73	<1	2.7	2.70		
304616	2.8	15.1	17.3	3	.3	39.3	193.6	15	7.07	165.9	1.6	58.8	1.6	4	<.1	.4	4.9	<1<.01	.003	11	13	<.01	15<.001	1	.11	.003	.08	2.7	<.01	.4	<.1	8.33	<1	1.9	2.22		
304617	1.5	16.3	37.5	4	.4	62.8	355.6	20	9.64	181.0	3.2	71.2	.5	4	.1	.5	7.3	<1<.01	.002	11	16	<.01	6<.001	<1	.03	.003	.02	.1	.01	.2	<.1	>10	<1	3.3	2.74		
304618	1.1	13.8	38.7	3	.5	135.1	929.8	19	12.21	111.7	32.7	90.5	.7	14	.1	.5	11.2	<1	.01	43	12	<.01	16<.001	2	.13	.004	.08	3.4	<.01	.9	<.1	>10	<1	5.5	2.76		
304619	1.8	14.5	12.4	3	.2	30.8	173.3	21	4.08	67.0	6.5	74.8	3.4	13	.1	.4	3.9	1<.01	.005	18	15	.01	23<.001	3	.17	.004	.11	.1	<.01	.7	<.1	4.67	1	1.2	3.36		
304620	1.4	7.6	17.9	2	.2	29.9	191.1	21	4.56	62.6	6.0	87.9	2.0	8	.1	.5	3.7	1<.01	.004	11	17	<.01	17<.001	1	.13	.004	.10	3.6	<.01	.5	<.1	5.34	1	1.6	3.56		
304621	1.9	13.8	26.4	1	.4	63.8	360.1	20	5.53	108.1	4.3	275.1	1.4	11	.1	.9	6.5	1<.01	.004	9	14	.01	25<.001	3	.17	.004	.12	.1	<.01	.6	.1	6.62	1	3.9	2.52		
304622	2.9	49.5	80.7	14	.7	82.3	266.4	15	6.36	211.1	9.9	517.1	1.7	58	.3	1.3	8.8	3	.02	.021	16	12	.01	28	.001	1	.21	.004	.13	2.6	.02	3.2	.1	7.37	1	3.2	2.56
STANDARD DS7	20.2	108.4	71.4	419	.9	57.1	10.1	630	2.46	48.9	4.9	69.2	4.4	73	6.0	6.2	5.0	84	.96	.079	12	192	1.07	388	.113	40	1.03	.087	.43	4.0	.20	2.4	4.3	.20	5	3.8	-

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

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

Data FA

GEOCHEMICAL ANALYSIS CERTIFICATE

Rare Earths

Ruby Red Resources Inc. PROJECT ZEUS File # A704224

207 - 239 - 12th Ave S.W., Calgary AB T2R 1H6 Submitted by: D. Anderson

SAMPLE#	Ba ppm	Be 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
304583	41.7	<1	97.7	.2	4.1	.9	2.2	7.5	2	4.3	.2	1.8	.9	22	3.1	31.5	34.5	18.7	47.1	5.51	22.8	5.36	.82	5.22	1.00	6.21	1.07	3.18	.45	2.66	.35
304584	17.1	<1	65.9	.1	1.1	<.5	1.7	2.3	2	4.1	.1	.4	1.0	11	1.0	6.5	15.7	9.5	25.3	3.28	14.0	3.40	.44	3.10	.52	2.94	.48	1.47	.19	1.10	.14
304585	16.5	<1	79.7	.2	1.4	<.5	1.5	3.1	2	3.0	<.1	.6	.5	15	4.4	8.4	10.4	15.3	37.9	4.55	19.8	4.12	.55	2.85	.41	1.88	.31	.87	.13	.74	.09
304586	31.5	<1	85.7	.2	2.0	<.5	1.3	6.8	2	2.5	<.1	1.0	1.0	16	1.7	9.7	32.6	40.3	99.4	12.12	50.3	10.40	1.34	7.51	1.13	5.64	.96	2.59	.37	2.03	.25
304587	27.4	2	70.5	.2	2.1	<.5	2.0	6.6	3	7.6	.1	1.0	1.2	14	6.6	13.5	53.7	19.4	47.9	5.87	24.4	6.11	1.10	7.17	1.54	8.99	1.63	4.72	.62	3.55	.44
304588	20.8	8	97.8	.1	1.0	<.5	1.4	3.2	2	5.1	<.1	.7	1.3	10	1.9	8.2	24.2	16.7	42.2	5.12	22.4	5.04	.83	4.39	.80	4.27	.74	2.06	.30	1.67	.21
304589	16.4	<1	65.3	.1	1.1	<.5	.9	3.0	2	4.7	<.1	.5	.6	9	3.9	6.0	11.8	9.1	21.4	2.49	10.0	2.27	.43	2.07	.38	2.11	.37	1.11	.16	.87	.11
RE 304589	14.3	<1	64.9	.1	1.1	<.5	1.2	3.0	2	4.9	<.1	.3	.6	9	4.0	6.5	12.2	9.4	21.6	2.58	11.0	2.49	.43	2.27	.39	2.18	.39	1.13	.16	.90	.11
304590	34.5	<1	67.9	.1	.9	<.5	.6	2.3	2	3.2	<.1	.7	1.9	6	.7	6.3	9.7	31.3	74.1	8.81	35.7	6.57	.87	3.79	.50	2.10	.32	.78	.12	.73	.10
304591	9.4	<1	107.2	.1	.9	<.5	.9	2.1	1	2.5	<.1	.6	.4	9	3.6	7.7	9.7	33.0	79.2	9.29	37.4	6.91	1.13	4.05	.52	2.06	.28	.76	.12	.70	.08
304592	18.9	<1	61.6	.2	1.8	<.5	2.4	4.0	2	5.2	.1	1.2	1.2	13	2.4	12.3	15.6	63.6	152.0	17.73	70.7	14.25	1.47	8.08	.95	3.58	.46	1.28	.19	1.14	.14
304593	4.3	<1	69.0	.1	.6	<.5	<.5	.9	1	6.2	.1	.3	.5	45	5.5	1.8	4.8	20.9	50.6	6.03	24.0	4.99	.64	3.02	.35	1.40	.15	.40	.05	.29	.04
304594	5.6	<1	55.6	.1	.5	<.5	<.5	1.2	1	3.0	<.1	.3	.7	45	.5	2.0	8.1	18.2	43.2	5.15	21.9	4.32	.64	3.15	.38	1.47	.24	.65	.09	.55	.07
304595	6.7	<1	35.3	.1	.8	<.5	.6	1.1	1	2.7	.1	.4	.3	6	3.6	3.4	5.0	48.6	113.3	13.35	53.2	10.59	1.23	5.59	.56	1.52	.14	.31	.04	.31	.04
304596	22.3	<1	50.9	.2	1.8	<.5	1.7	5.2	1	4.6	.1	.5	.5	13	1.7	13.5	7.9	6.8	15.4	1.80	7.3	1.78	.32	1.57	.27	1.56	.26	.72	.10	.63	.08
304597	17.2	<1	36.4	.2	1.1	<.5	.9	3.7	1	3.1	<.1	.3	.3	7	3.7	6.2	4.8	6.4	14.7	1.77	7.5	1.73	.28	1.25	.22	.98	.16	.46	.07	.38	.05
304598	50.5	<1	86.0	.4	3.9	.8	1.9	14.8	2	9.3	.1	2.4	1.4	21	.9	30.6	16.3	23.4	54.5	6.55	26.0	5.50	.82	4.30	.69	3.33	.52	1.47	.22	1.24	.15
304599	198.2	1	55.6	1.2	12.4	3.0	7.6	52.4	3	24.6	.4	6.7	3.8	60	5.5	105.1	27.8	83.6	189.4	22.10	89.4	17.52	2.23	10.44	1.33	5.79	.87	2.47	.37	2.39	.35
304600	187.3	1	90.8	1.2	10.7	2.8	5.3	46.0	3	20.2	.4	5.2	3.7	50	1.5	88.6	25.6	26.3	62.6	7.44	30.0	6.26	1.06	5.11	.89	4.79	.80	2.42	.39	2.28	.32
304601	230.2	1	46.0	1.3	11.4	2.6	5.3	55.1	5	23.3	.4	4.8	3.6	46	4.5	86.8	42.6	26.7	64.8	7.80	30.4	6.97	1.18	6.70	1.26	7.44	1.33	3.74	.55	3.16	.42
304602	46.3	<1	52.0	.4	3.8	1.3	2.1	11.7	2	18.0	.2	2.0	2.6	18	.4	44.6	13.0	8.8	21.8	2.58	10.7	2.55	.50	2.39	.44	2.43	.41	1.23	.19	1.12	.16
304603	31.8	<1	47.2	.3	2.0	.8	1.2	6.3	1	17.5	.1	1.0	1.5	10	4.5	31.5	8.2	9.6	23.3	2.76	11.2	2.42	.42	1.91	.31	1.60	.26	.73	.12	.65	.10
304604	28.4	<1	73.2	.3	2.2	<.5	1.4	7.6	1	18.4	<.1	.6	1.2	12	.5	12.5	4.7	4.3	10.5	1.30	5.1	1.15	.20	1.03	.17	.88	.16	.42	.07	.40	.07
304605	7.0	<1	82.2	.1	.7	<.5	<.5	1.2	1	2.5	<.1	.2	.2	45	4.3	2.6	1.6	10.8	25.2	3.03	11.8	2.51	.28	1.31	.14	.41	.04	.11	.01	.11	.01
304606	6.5	<1	69.9	.1	.5	<.5	.5	1.5	1	4.4	<.1	.3	.2	45	.5	4.5	4.2	8.0	18.9	2.33	9.6	2.06	.29	1.39	.21	.83	.12	.35	.05	.30	.04
304607	15.7	<1	88.4	.2	1.8	<.5	1.5	6.1	1	3.0	.1	.6	.4	9	4.8	10.2	3.5	4.1	9.8	1.17	4.6	1.05	.15	.81	.12	.59	.10	.31	.05	.30	.04
304608	13.1	<1	90.6	.1	.8	<.5	.6	3.4	1	6.9	<.1	.3	.3	6	.3	5.8	3.1	4.9	11.7	1.37	5.4	1.19	.17	.84	.11	.54	.09	.29	.04	.24	.03
304609	8.1	<1	62.4	.3	1.8	<.5	.7	6.2	1	13.7	<.1	.6	.4	9	3.2	9.9	4.4	9.8	23.1	2.73	11.3	2.52	.31	1.51	.19	.83	.13	.38	.07	.39	.07
304610	10.4	<1	96.5	.3	2.8	<.5	1.5	8.8	2	13.0	.1	.9	1.4	15	.8	16.7	13.5	10.8	26.2	3.21	12.7	2.93	.43	2.66	.44	2.37	.42	1.19	.18	1.04	.14
304611	11.0	<1	58.3	.2	2.2	<.5	.9	6.8	1	6.1	<.1	.8	.6	10	3.8	13.1	3.8	3.1	7.8	.97	4.0	.87	.14	.80	.13	.66	.11	.29	.06	.30	.05
STANDARD SO-18	505.8	1	26.8	6.5	16.9	9.4	21.1	26.7	15	415.1	6.6	10.4	16.9	200	14.6	289.2	32.6	11.1	27.2	3.37	13.2	2.93	.82	2.83	.57	2.91	.58	1.78	.26	1.71	.26

GROUP 4B - REE - 0.200 GM BY LiBO2/Li2B4O7 FUSION, ICP/MS FINISHED.

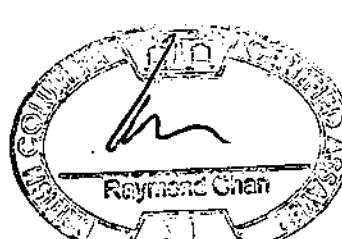
- SAMPLE TYPE: CORE PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUL 20 2007

Data PA

DATE RECEIVED: JUN 26 2007 DATE REPORT MAILED:



Appendix 1 - Soils

852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

ACME ANALYTICAL LABORATORIES LTD.

www.acmelab.com

Client:

Ruby Red Resources Inc.

207 - 239 - 12th Ave S.W.
Calgary AB T2R 1H6 Canada

Submitted By:

Peter Klewchuk

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

December 07, 2007

Report Date:

January 28, 2008

Page:

1 of 4

CERTIFICATE OF ANALYSIS

VAN08003278.1

CLIENT JOB INFORMATION

Project: None Given *Zeus*
Shipment ID:
P.O. Number
Number of Samples: 69

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	69	Dry at 60C sieve 100g to -80 mesh		
1DX	69	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

SAMPLE DISPOSAL

ADDITIONAL COMMENTS

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

Invoice To: Ruby Red Resources Inc.
207 - 239 - 12th Ave S.W.
Calgary AB T2R 1H6
Canada

CC: Sean Kennedy
D. Anderson





852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

ACME ANALYTICAL LABORATORIES LTD.

www.acmelab.com

Client:

Ruby Red Resources Inc.

207 - 239 - 12th Ave S.W.
Calgary AB T2R 1H6 Canada

Project:

None Given

Report Date:

January 26, 2008

Page:

2 of 4

Part 1

CERTIFICATE OF ANALYSIS

VAN08003278.1

Method	Analyte	1DX15																		
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001
LZS1+000	Soil	0.2	12.6	14.6	55	<0.1	14.6	6.2	419	1.31	5.0	0.4	1.8	2.7	21	0.1	0.1	0.2	21	0.13 0.105
LZS1+050	Soil	0.3	11.1	13.3	95	<0.1	14.3	5.7	531	1.39	2.9	0.6	2.1	4.2	38	0.2	0.1	0.3	21	0.21 0.108
LZS1+100	Soil	0.2	12.9	18.3	116	<0.1	17.2	7.9	416	1.60	3.6	0.4	1.1	2.6	53	0.3	0.1	0.3	24	0.27 0.074
LZS1+150	Soil	0.3	15.6	14.9	95	<0.1	22.5	7.9	175	1.44	4.4	0.5	0.9	3.7	24	0.2	0.1	0.2	22	0.15 0.130
LZS1+200	Soil	0.2	7.8	10.4	74	<0.1	12.6	4.6	539	1.07	3.7	0.4	1.9	2.6	42	0.1	<0.1	0.2	18	0.20 0.197
LZS1+250	Soil	0.2	7.6	11.3	68	<0.1	12.9	5.3	333	1.15	6.5	0.3	1.5	2.3	39	<0.1	<0.1	0.2	18	0.24 0.167
LZS1+300	Soil	0.2	9.9	11.4	66	<0.1	12.8	5.9	458	1.27	4.7	0.4	0.8	4.2	26	<0.1	0.1	0.2	18	0.18 0.137
LZS1+350	Soil	0.4	15.0	17.1	81	0.1	17.3	6.3	433	1.38	4.1	0.8	<0.5	4.2	39	0.1	0.1	0.3	21	0.21 0.119
LZS1+400	Soil	0.5	13.6	18.6	138	0.1	23.0	7.4	664	1.54	4.6	0.7	0.9	4.2	36	0.2	0.2	0.3	23	0.18 0.142
LZS1+450	Soil	0.9	47.0	19.2	55	0.1	24.8	11.4	231	2.17	6.9	1.5	1.8	4.7	16	<0.1	0.3	0.4	35	0.09 0.167
LZS1+500	Soil	0.4	18.3	16.3	135	<0.1	23.0	10.8	1301	1.73	4.3	1.3	2.2	5.0	30	0.3	0.2	0.3	27	0.17 0.115
LZS1+550	Soil	0.8	40.2	17.5	46	<0.1	20.9	12.8	687	2.25	5.9	1.5	1.7	10.8	9	<0.1	0.2	0.5	29	0.06 0.107
LZS1+600	Soil	0.5	27.2	14.0	110	0.1	25.5	8.8	234	1.87	3.7	0.8	0.9	7.3	24	<0.1	0.2	0.4	30	0.17 0.078
LZS1+800	Soil	0.2	21.0	10.5	50	<0.1	20.9	7.4	156	1.32	2.2	0.6	1.0	7.2	59	0.2	<0.1	0.4	12	0.28 0.212
LZS1+850	Soil	0.2	24.9	7.3	49	<0.1	16.4	6.1	298	1.13	1.7	0.7	0.7	7.0	30	<0.1	0.1	0.2	12	0.25 0.291
LZS1+900	Soil	0.1	11.9	7.2	101	<0.1	12.7	3.6	695	0.90	0.9	0.4	1.6	4.0	50	0.2	<0.1	0.2	12	0.26 0.147
LZS2+000	Soil	0.6	8.3	9.7	43	<0.1	8.4	4.0	693	1.21	2.9	0.5	1.6	2.0	30	<0.1	0.1	0.2	20	0.21 0.102
LZS2+050	Soil	0.4	11.1	13.2	64	<0.1	13.1	6.7	571	1.52	4.2	0.4	2.1	5.0	17	<0.1	<0.1	0.3	22	0.15 0.070
LZS2+100	Soil	0.6	11.0	21.0	134	<0.1	19.9	6.6	1526	1.93	7.7	0.5	1.8	4.2	69	0.3	0.2	0.4	26	0.50 0.311
LZS2+150	Soil	1.2	8.3	17.6	225	<0.1	13.4	7.5	3684	1.75	6.4	0.4	0.8	2.6	48	0.4	0.2	0.4	24	0.30 0.327
LZS2+200	Soil	0.3	9.1	13.1	155	<0.1	13.5	5.7	1226	1.53	9.5	0.6	0.9	3.4	47	0.2	0.1	0.2	19	0.24 0.606
LZS2+250	Soil	0.6	11.3	20.3	139	<0.1	13.4	7.3	888	1.99	7.9	0.6	<0.5	4.1	50	0.3	0.2	0.4	23	0.34 0.281
LZS2+300	Soil	0.6	18.6	33.8	144	0.3	17.6	12.7	1115	2.18	8.6	0.9	1.7	7.3	74	0.3	0.2	0.5	24	0.39 0.192
LZS2+350	Soil	0.3	11.0	19.4	93	<0.1	19.4	8.8	331	1.93	4.9	0.6	0.5	5.6	42	0.1	0.2	0.3	26	0.27 0.136
LZS2+400	Soil	0.3	18.5	26.7	159	<0.1	34.1	17.3	336	2.13	5.0	0.8	0.8	8.1	20	0.1	0.1	0.4	17	0.13 0.063
LZS2+450	Soil	0.2	14.4	22.8	242	0.1	31.5	14.5	1744	1.66	3.8	0.7	2.3	5.5	42	0.5	0.1	0.4	18	0.24 0.156
LZS2+500	Soil	0.4	19.4	33.9	208	<0.1	49.2	26.3	1827	1.79	6.4	0.8	1.7	6.5	69	0.5	0.3	0.4	19	0.41 0.135
LZS2+550	Soil	0.3	12.3	12.5	116	<0.1	20.7	12.8	459	1.29	4.9	0.6	<0.5	3.5	21	0.1	0.2	0.3	18	0.13 0.085
LZS2+600	Soil	1.7	18.6	25.0	123	<0.1	30.2	18.9	1264	2.35	4.8	1.7	2.4	9.2	33	0.1	0.3	0.5	20	0.24 0.089
LZS2+650	Soil	0.5	11.7	10.7	79	<0.1	18.9	7.8	1313	1.70	1.7	0.6	1.3	5.0	32	<0.1	0.2	0.3	18	0.18 0.099

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852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client:

Ruby Red Resources Inc.

207 - 239 - 12th Ave S.W.
Calgary AB T2R 1H6 Canada

Project:

None Given

Report Date:

January 28, 2008

Page:

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Part 2

CERTIFICATE OF ANALYSIS

VAN08003278.1

Method	Analyte	1DX15															
		La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
LZS1+000	Soil	6	9	0.24	171	0.081	1	2.28	0.023	0.07	0.2	0.02	1.4	0.1	<0.05	6	<0.5
LZS1+050	Soil	8	9	0.16	209	0.102	2	2.86	0.025	0.08	0.2	0.02	1.7	0.1	<0.05	7	<0.5
LZS1+100	Soil	7	9	0.22	303	0.096	2	2.98	0.023	0.09	0.2	0.02	1.0	0.1	<0.05	9	<0.5
LZS1+150	Soil	7	9	0.20	134	0.094	3	2.65	0.021	0.08	0.3	0.01	1.2	<0.1	<0.05	7	<0.5
LZS1+200	Soil	5	6	0.10	206	0.101	1	2.62	0.029	0.08	0.1	0.02	1.3	<0.1	<0.05	5	<0.5
LZS1+250	Soil	6	6	0.09	199	0.097	2	2.65	0.027	0.06	0.1	0.01	1.1	<0.1	<0.05	6	<0.5
LZS1+300	Soil	8	9	0.23	134	0.064	<1	1.51	0.015	0.08	0.6	0.01	0.9	<0.1	<0.05	5	<0.5
LZS1+350	Soil	12	8	0.15	213	0.132	2	3.77	0.027	0.06	<0.1	0.02	2.3	0.1	<0.05	8	<0.5
LZS1+400	Soil	9	10	0.21	255	0.118	2	3.12	0.023	0.08	0.2	0.04	1.9	0.1	<0.05	8	<0.5
LZS1+450	Soil	9	10	0.23	74	0.151	2	4.96	0.018	0.05	0.2	0.03	2.1	<0.1	<0.05	11	<0.5
LZS1+500	Soil	10	9	0.17	232	0.157	2	4.78	0.029	0.06	0.1	0.02	2.8	0.2	<0.05	10	<0.5
LZS1+550	Soil	22	10	0.22	111	0.114	2	4.30	0.015	0.04	0.2	0.04	1.9	0.1	<0.05	9	<0.5
LZS1+600	Soil	9	10	0.14	188	0.135	3	4.28	0.024	0.06	0.2	0.04	1.7	0.2	<0.05	10	<0.5
LZS1+800	Soil	15	7	0.18	326	0.073	3	2.15	0.028	0.12	<0.1	0.01	1.0	<0.1	<0.05	6	<0.5
LZS1+850	Soil	13	5	0.14	633	0.078	3	1.99	0.033	0.09	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5
LZS1+900	Soil	16	6	0.14	300	0.055	3	1.43	0.029	0.14	<0.1	0.01	1.1	<0.1	<0.05	4	<0.5
LZS2+000	Soil	4	5	0.12	172	0.126	2	3.19	0.025	0.07	0.1	0.02	1.2	0.1	<0.05	7	<0.5
LZS2+050	Soil	9	11	0.41	130	0.071	1	1.60	0.008	0.10	0.7	<0.01	1.1	0.1	<0.05	5	<0.5
LZS2+100	Soil	9	10	0.25	382	0.174	5	4.38	0.027	0.10	0.2	0.04	1.8	0.2	<0.05	9	<0.5
LZS2+150	Soil	6	9	0.17	451	0.131	3	3.09	0.021	0.08	0.2	0.03	1.4	0.1	<0.05	9	<0.5
LZS2+200	Soil	7	8	0.15	487	0.128	2	3.52	0.025	0.06	0.2	0.02	1.8	<0.1	<0.05	8	<0.5
LZS2+250	Soil	5	9	0.19	285	0.158	3	4.79	0.020	0.07	0.2	0.04	1.3	0.1	<0.05	10	<0.5
LZS2+300	Soil	12	11	0.30	266	0.112	2	2.70	0.015	0.10	0.2	0.05	1.5	0.1	<0.05	8	<0.5
LZS2+350	Soil	10	12	0.32	190	0.109	3	3.38	0.023	0.09	0.3	0.02	1.8	0.1	<0.05	7	<0.5
LZS2+400	Soil	18	11	0.44	138	0.048	2	2.21	0.012	0.13	<0.1	0.01	1.1	0.1	<0.05	6	<0.5
LZS2+450	Soil	12	10	0.27	312	0.068	2	2.14	0.021	0.11	0.1	<0.01	1.6	<0.1	<0.05	5	<0.5
LZS2+500	Soil	19	11	0.29	437	0.069	6	2.27	0.019	0.23	<0.1	0.02	1.7	0.1	<0.05	6	<0.5
LZS2+550	Soil	7	8	0.16	187	0.075	2	2.21	0.021	0.08	<0.1	0.01	0.9	<0.1	<0.05	7	<0.5
LZS2+600	Soil	19	12	0.33	263	0.041	3	2.25	0.013	0.16	<0.1	0.02	1.6	0.2	<0.05	6	<0.5
LZS2+650	Soil	15	9	0.25	240	0.063	1	2.08	0.014	0.10	0.1	0.03	1.1	0.1	<0.05	6	<0.5

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852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

ACME ANALYTICAL LABORATORIES LTD

Client:

Ruby Red Resources Inc.

207 - 239 - 12th Ave S.W.
Calgary AB T2R 1H6 Canada

Project: None Given
Report Date: January 28, 2010

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Page: 3 of 4 Part

CERTIFICATE OF ANALYSIS

VAN08003278.1

Method	Analyte	1DX15																								
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P					
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%											
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001					
LZS2+700	Soil		0.2	5.6	9.4	82	<0.1	11.4	5.4	1060	1.17	1.0	0.4	0.7	2.9	26	<0.1	0.1	0.2	11	0.15	0.133				
LZS2+750	Soil		0.5	6.4	7.9	91	<0.1	18.7	7.8	979	1.28	1.0	0.4	0.8	3.5	9	<0.1	<0.1	0.2	13	0.07	0.094				
LZS2+800	Soil		0.3	10.2	9.8	76	<0.1	27.0	7.3	612	1.39	1.8	0.5	0.6	3.9	18	<0.1	<0.1	0.2	19	0.14	0.170				
LZS2+850	Soil		0.6	7.6	11.7	75	<0.1	25.4	10.4	1385	1.26	2.0	0.3	1.2	2.6	17	0.1	0.1	0.2	22	0.14	0.129				
LZS2+900	Soil		0.7	7.8	10.6	45	<0.1	13.5	8.0	354	1.66	2.5	0.4	0.6	3.3	8	<0.1	0.1	0.3	27	0.08	0.129				
LZS2+950	Soil		0.1	3.8	7.1	67	<0.1	12.0	4.6	383	1.01	1.0	0.5	4.7	3.8	23	<0.1	<0.1	0.2	10	0.15	0.135				
LZS2+1000	Soil		0.2	15.4	10.8	118	<0.1	14.5	9.4	2948	1.36	2.8	0.5	<0.5	7.0	26	0.2	0.2	0.7	11	0.13	0.188				
LZS3+000	Soil		0.5	9.6	18.1	72	<0.1	17.9	8.7	376	1.67	5.4	0.4	2.0	4.0	18	<0.1	0.1	0.3	23	0.12	0.047				
LZS3+050	Soil		0.4	19.8	20.9	93	0.1	17.3	6.5	271	1.81	9.1	1.2	1.8	6.2	30	0.1	0.2	0.3	28	0.18	0.170				
LZS3+100	Soil		0.5	23.8	54.0	109	<0.1	18.9	14.9	3066	2.42	8.8	1.1	1.8	9.0	46	0.6	0.4	0.6	33	0.28	0.145				
LZS3+150	Soil		0.4	11.8	24.0	115	<0.1	19.7	9.6	869	2.29	6.2	0.7	25.3	5.1	23	0.2	0.2	0.4	31	0.15	0.142				
LZS3+200	Soil		0.4	9.2	15.0	103	<0.1	19.2	6.3	876	1.68	9.1	0.6	0.8	3.6	31	0.2	0.2	0.2	23	0.23	0.228				
LZS3+250	Soil		0.4	8.8	15.0	130	<0.1	18.2	5.0	230	1.40	7.3	0.8	0.9	3.9	37	0.2	<0.1	0.2	18	0.25	0.168				
LZS3+300	Soil		0.4	9.9	14.6	120	<0.1	21.7	10.1	645	1.72	4.6	1.2	0.6	5.6	34	<0.1	0.1	0.3	13	0.15	0.138				
LZS3+350	Soil		0.4	13.7	28.2	102	0.1	34.2	14.3	583	1.92	6.5	0.6	0.6	5.1	36	<0.1	0.2	0.4	18	0.27	0.089				
LZS3+400	Soil		0.6	21.3	21.9	114	0.1	26.3	13.0	401	2.22	5.5	1.1	1.1	9.6	27	0.2	0.3	0.6	20	0.21	0.083				
LZS3+450	Soil		0.3	6.7	8.6	72	<0.1	25.9	7.3	588	1.37	3.4	0.4	1.1	3.5	23	<0.1	<0.1	0.2	15	0.14	0.068				
LZS3+500	Soil		0.3	7.1	10.5	93	<0.1	21.4	7.7	759	1.22	3.5	0.4	1.0	3.1	18	<0.1	0.1	0.2	14	0.12	0.101				
LZS3+550	Soil		0.4	9.2	9.5	83	<0.1	20.0	7.6	1102	1.26	2.3	0.4	2.1	3.3	29	<0.1	0.1	0.2	17	0.16	0.142				
LZS3+600	Soil		0.7	11.5	8.6	71	<0.1	17.8	6.0	1590	1.27	2.2	0.7	0.8	2.5	20	<0.1	0.1	0.2	22	0.13	0.103				
LZS3+650	Soil		0.3	8.5	9.1	59	<0.1	22.0	7.0	333	1.24	1.6	0.4	1.0	3.3	19	<0.1	0.1	0.2	17	0.14	0.050				
LZS3+700	Soil		0.5	6.4	12.2	77	<0.1	18.3	7.8	855	1.44	2.4	0.4	0.7	3.3	19	<0.1	0.1	0.3	21	0.20	0.096				
LZS3+750	Soil		0.4	17.5	15.1	76	<0.1	25.3	19.1	1442	1.96	3.1	1.1	0.9	5.6	20	<0.1	0.2	0.3	23	0.22	0.089				
LZS3+800	Soil		0.3	16.2	17.6	58	<0.1	20.4	12.2	869	1.41	2.4	0.6	0.9	2.4	11	<0.1	0.2	0.3	20	0.08	0.057				
LZS3+850	Soil		0.4	11.8	10.5	59	<0.1	24.1	7.2	1415	1.32	2.5	0.5	1.4	3.1	20	0.1	0.1	0.2	19	0.15	0.177				
LZS3+900	Soil		0.2	6.3	8.7	43	<0.1	10.7	6.5	407	1.44	1.1	0.6	0.8	5.1	26	<0.1	0.1	0.2	9	0.16	0.104				
LZS4+000	Soil		0.3	5.0	10.0	40	<0.1	19.9	6.5	166	1.36	1.8	0.3	0.8	2.9	10	<0.1	<0.1	0.2	15	0.08	0.030				
LZS4+050	Soil		0.2	5.3	14.2	50	<0.1	20.5	7.0	319	1.44	2.1	0.4	0.9	3.2	11	<0.1	<0.1	0.2	14	0.09	0.057				
LZS4+100	Soil		0.2	3.8	10.4	41	<0.1	10.3	5.0	217	1.39	1.2	0.5	1.3	4.0	8	<0.1	<0.1	0.2	13	0.07	0.035				
LZS4+150	Soil		0.4	13.9	15.2	35	<0.1	35.4	7.7	108	1.90	4.3	0.4	1.5	4.5	27	0.1	0.2	0.4	24	0.17	0.139				

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Calgary AB T2R 1H6 Canada

Project: None Given

Report Date: January 28, 2008

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN08003278.1

Analyte	Method	1DX15															
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
LZS2+700	Soil	12	7	0.23	180	0.027	<1	1.22	0.009	0.09	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5
LZS2+750	Soil	16	7	0.23	171	0.034	<1	1.61	0.008	0.08	<0.1	0.02	0.8	0.1	<0.05	5	<0.5
LZS2+800	Soil	11	8	0.21	187	0.076	1	2.26	0.017	0.07	0.2	0.01	1.2	0.1	<0.05	6	<0.5
LZS2+850	Soil	6	8	0.13	357	0.096	<1	2.55	0.018	0.06	0.1	0.02	1.1	0.1	<0.05	7	<0.5
LZS2+900	Soil	7	9	0.17	210	0.082	1	2.58	0.014	0.05	0.2	0.03	1.2	0.1	<0.05	8	<0.5
LZS2+950	Soil	12	6	0.24	224	0.024	1	1.08	0.009	0.09	<0.1	0.01	0.7	<0.1	<0.05	3	<0.5
LZS2+1000	Soil	18	11	0.70	452	0.021	2	1.36	0.005	0.10	<0.1	0.03	0.9	<0.1	<0.05	4	<0.5
LZS3+000	Soil	10	11	0.39	120	0.061	1	1.71	0.011	0.09	0.3	0.01	1.1	0.1	<0.05	5	<0.5
LZS3+050	Soil	8	9	0.21	248	0.174	2	4.70	0.027	0.07	0.2	0.04	2.8	0.1	<0.05	9	<0.5
LZS3+100	Soil	22	13	0.36	428	0.111	2	2.88	0.016	0.12	0.2	0.05	2.0	0.2	<0.05	7	<0.5
LZS3+150	Soil	11	13	0.36	273	0.130	2	3.78	0.014	0.09	0.3	0.03	1.8	0.2	<0.05	9	<0.5
LZS3+200	Soil	7	9	0.19	262	0.128	2	3.70	0.022	0.07	0.2	0.03	1.6	0.1	<0.05	7	<0.5
LZS3+250	Soil	6	7	0.14	196	0.100	2	2.77	0.027	0.09	0.1	0.02	1.5	<0.1	<0.05	6	<0.5
LZS3+300	Soil	15	9	0.29	287	0.042	1	1.89	0.013	0.12	<0.1	0.01	1.2	<0.1	<0.05	5	<0.5
LZS3+350	Soil	14	11	0.34	147	0.058	3	2.12	0.017	0.15	0.1	0.02	1.3	<0.1	<0.05	6	<0.5
LZS3+400	Soil	18	12	0.41	154	0.047	2	2.39	0.012	0.11	0.1	0.03	1.3	0.1	<0.05	6	<0.5
LZS3+450	Soil	11	8	0.22	176	0.048	1	1.80	0.017	0.11	<0.1	0.01	1.3	<0.1	<0.05	5	<0.5
LZS3+500	Soil	10	7	0.20	168	0.050	<1	1.47	0.016	0.09	<0.1	0.02	0.8	<0.1	<0.05	5	<0.5
LZS3+550	Soil	9	8	0.16	212	0.062	<1	1.76	0.020	0.08	<0.1	0.02	1.2	<0.1	<0.05	5	<0.5
LZS3+600	Soil	8	7	0.10	185	0.108	2	2.73	0.031	0.07	0.1	0.02	1.9	0.1	<0.05	7	<0.5
LZS3+650	Soil	12	9	0.23	195	0.054	<1	1.57	0.019	0.08	0.1	0.02	1.0	<0.1	<0.05	5	<0.5
LZS3+700	Soil	9	9	0.21	233	0.067	2	1.85	0.017	0.10	0.1	0.02	1.2	0.1	<0.05	6	<0.5
LZS3+750	Soil	19	13	0.24	198	0.047	1	2.78	0.016	0.12	0.1	0.03	1.7	0.1	<0.05	8	<0.5
LZS3+800	Soil	11	11	0.23	252	0.038	<1	2.31	0.013	0.09	0.1	0.02	1.1	0.1	<0.05	6	<0.5
LZS3+850	Soil	10	9	0.20	304	0.066	1	2.30	0.020	0.09	0.1	0.02	1.2	<0.1	<0.05	6	<0.5
LZS3+900	Soil	16	9	0.29	142	0.017	<1	1.01	0.007	0.12	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5
LZS4+000	Soil	10	8	0.18	155	0.047	<1	1.81	0.012	0.07	0.1	0.02	0.9	<0.1	<0.05	6	<0.5
LZS4+050	Soil	14	10	0.21	164	0.040	1	1.69	0.011	0.08	0.1	0.02	1.0	<0.1	<0.05	5	<0.5
LZS4+100	Soil	17	9	0.26	86	0.019	<1	1.00	0.005	0.07	<0.1	<0.01	0.8	<0.1	<0.05	4	<0.5
LZS4+150	Soil	7	9	0.15	211	0.122	2	3.61	0.027	0.07	0.2	0.03	1.1	<0.1	<0.05	10	<0.5

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



ACME ANALYTICAL LABORATORIES LTD.
852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client:

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Calgary AB T2R 1H6 Canada

Project:

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Report Date:

January 28, 2008

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Part 1

CERTIFICATE OF ANALYSIS

VAN08003278.1

Method	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%								
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
LZS4+200	Soil	0.3	7.4	9.7	52	<0.1	12.9	6.2	580	1.32	1.8	0.5	0.9	3.1	11	<0.1	<0.1	0.2	12	0.10	0.064
LZS4+250	Soil	0.3	7.4	8.3	53	<0.1	17.0	8.4	272	1.62	1.7	0.4	0.7	4.2	11	<0.1	<0.1	0.2	16	0.09	0.078
LZS4+300	Soil	0.3	8.6	9.2	47	<0.1	19.4	7.3	200	1.43	2.0	0.5	0.6	4.3	8	<0.1	0.1	0.2	13	0.06	0.039
LZS4+350	Soil	0.4	11.5	11.0	55	<0.1	18.5	8.3	332	1.89	2.5	0.7	1.0	5.4	13	<0.1	0.2	0.3	19	0.08	0.056
LZS4+400	Soil	0.4	9.3	11.0	138	<0.1	17.3	7.6	792	1.39	2.7	0.6	1.4	3.9	30	0.2	<0.1	0.3	15	0.20	0.402
LZS4+450	Soil	0.4	10.0	10.3	46	<0.1	18.9	10.6	1318	1.29	2.3	0.4	1.1	2.4	16	<0.1	0.1	0.2	19	0.12	0.108
LZS4+500	Soil	0.4	8.9	11.4	40	<0.1	15.6	7.1	385	1.69	3.9	0.4	2.2	2.9	11	<0.1	0.2	0.2	23	0.09	0.171
LZS4+550	Soil	0.6	10.3	12.2	51	<0.1	19.0	10.8	463	1.91	5.0	0.5	13.8	4.3	11	<0.1	0.2	0.3	17	0.07	0.040
LZS4+600	Soil	0.5	11.8	17.0	52	<0.1	30.8	10.0	318	2.10	4.6	0.6	94.3	5.3	18	<0.1	0.2	0.3	18	0.11	0.030



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

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Calgary AB T2R 1H6 Canada

Project: None Given
Report Date: January 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08003278.1

Analyte	Method	1DX15															
		La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
LZS4+200	Soil	13	8	0.26	147	0.031	<1	1.44	0.012	0.08	0.1	0.01	1.0	<0.1	<0.05	4	<0.5
LZS4+250	Soil	15	10	0.29	153	0.030	<1	1.64	0.010	0.07	0.1	0.02	0.9	<0.1	<0.05	5	<0.5
LZS4+300	Soil	15	9	0.28	136	0.034	1	1.62	0.011	0.07	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5
LZS4+350	Soil	14	10	0.31	194	0.061	1	2.36	0.012	0.08	0.1	0.02	1.3	<0.1	<0.05	6	<0.5
LZS4+400	Soil	7	8	0.12	488	0.077	1	2.83	0.018	0.07	0.1	0.03	1.7	0.1	<0.05	6	<0.5
LZS4+450	Soil	7	8	0.15	157	0.070	<1	2.18	0.019	0.06	0.1	0.03	1.2	<0.1	<0.05	6	<0.5
LZS4+500	Soil	8	8	0.17	116	0.092	1	2.55	0.018	0.06	0.2	0.03	1.1	<0.1	<0.05	8	<0.5
LZS4+550	Soil	13	10	0.28	125	0.044	<1	1.89	0.012	0.08	0.1	0.02	1.1	<0.1	<0.05	6	<0.5
LZS4+600	Soil	16	11	0.35	195	0.059	2	2.42	0.015	0.10	0.1	0.01	1.0	<0.1	<0.05	6	<0.5



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QUALITY CONTROL REPORT

VAN08003278.1

Method	Analyte	1DX15	1DX15																	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%							
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
LZS1+600	Soil	0.5	27.2	14.0	110	0.1	25.5	8.8	234	1.87	3.7	0.8	0.9	7.3	24	<0.1	0.2	0.4	30	0.17 0.078
REP LZS1+600	QC	0.5	28.4	13.7	112	0.1	23.4	8.8	242	1.89	3.7	0.8	2.3	7.3	25	0.2	0.2	0.4	30	0.17 0.078
LZS2+150	Soil	1.2	8.3	17.6	225	<0.1	13.4	7.5	3684	1.75	6.4	0.4	0.8	2.6	48	0.4	0.2	0.4	24	0.30 0.327
REP LZS2+150	QC	1.2	8.6	17.9	215	<0.1	12.3	7.3	3700	1.71	6.2	0.4	2.4	2.5	48	0.5	0.2	0.3	23	0.28 0.328
LZS3+450	Soil	0.3	6.7	8.6	72	<0.1	25.9	7.3	588	1.37	3.4	0.4	1.1	3.5	23	<0.1	0.2	15	0.14 0.068	
REP LZS3+450	QC	0.3	6.6	9.3	68	<0.1	25.6	6.6	563	1.29	3.4	0.4	1.0	3.3	23	<0.1	0.1	0.2	14	0.13 0.065
LZS3+900	Soil	0.2	6.3	8.7	43	<0.1	10.7	6.5	407	1.44	1.1	0.6	0.8	5.1	28	<0.1	0.1	0.2	9	0.16 0.104
REP LZS3+900	QC	0.1	5.2	9.0	43	<0.1	9.9	6.5	383	1.37	1.0	0.5	0.9	4.7	27	<0.1	0.1	0.2	9	0.16 0.105
Reference Materials																				
STD DS7	Standard	21.8	102.4	73.6	386	0.9	58.4	9.6	630	2.39	46.0	5.0	61.9	4.8	75	6.1	6.2	4.6	94	0.97 0.073
STD DS7	Standard	20.0	100.5	72.0	387	0.9	59.9	9.5	638	2.37	49.3	5.0	71.4	5.0	76	6.4	6.3	4.6	90	1.03 0.076
STD DS7 Expected		20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93 0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01 <0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01 <0.001



852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Part 2

QUALITY CONTROL REPORT

VAN08003278.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
LZS1+600	Soil	9	10	0.14	188	0.135	3	4.28	0.024	0.06	0.2	0.04	1.7	0.2	<0.05	10	<0.5
REP LZS1+600	QC	9	10	0.14	202	0.130	2	4.29	0.023	0.05	0.2	0.04	1.7	0.1	<0.05	10	<0.5
LZS2+150	Soil	6	9	0.17	451	0.131	3	3.09	0.021	0.08	0.2	0.03	1.4	0.1	<0.05	9	<0.5
REP LZS2+150	QC	6	9	0.16	453	0.129	3	3.13	0.020	0.08	0.2	0.03	1.4	0.2	<0.05	9	<0.5
LZS3+450	Soil	11	8	0.22	176	0.048	1	1.80	0.017	0.11	<0.1	0.01	1.3	<0.1	<0.05	5	<0.5
REP LZS3+450	QC	10	8	0.21	168	0.045	2	1.72	0.017	0.10	<0.1	<0.01	1.1	<0.1	<0.05	5	<0.5
LZS3+900	Soil	16	9	0.29	142	0.017	<1	1.01	0.007	0.12	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5
REP LZS3+900	QC	15	9	0.28	144	0.014	<1	1.00	0.006	0.12	<0.1	<0.01	0.9	<0.1	<0.05	3	<0.5
Reference Materials																	
STD DS7	Standard	14	224	1.05	364	0.127	39	0.99	0.090	0.42	4.1	0.20	2.4	4.7	0.25	5	3.8
STD DS7	Standard	13	211	1.07	381	0.123	36	1.02	0.096	0.45	4.1	0.20	2.5	4.3	0.20	4	3.1
STD DS7 Expected		12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

