GEOCHEMICAL

REPORT

SIMBA 41- 214 CLAIMS

GRANT # YC21872 – YC30422

NTS # 116 C \ 09

LAT: 64' 03' N

LONG: 140' 25' W

DAWSON MINING DISTRICT

095283

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED JUNE 29 - SEPTEMBER 12, 2004

DATE OF REPORT APRIL 01, 2005

Costs associated with this report have been
[illegible] the amount of $ 24,600
[illegible] credit under Certificate of
Work No. 200555 & 200602

L. Perry

Mining Recorder
Dawson City Mining District

TABLE OF CONTENT

SUMMARY

The Simba Property was visited for three days during a property regional silt survey. A total of 143 silt where gathered by Scott Fleming, Mike Lindley, Issac Fage, and Tyson Foxcroft. A geological mapping program was undertaken to map the regional rock units found on the Shell Property. Chris Ash of Ash Consulting was hired with an assistant Lisa Peters to map the property. The mapping took place on June 29-30 and August 22 – 29, 2004. The silt survey outlined gold and copper anomalies found on the south slope of Simba Mountain with no geological explanation. The mapping outlined a new style of mineralization of quartz veins with visible gold found in saddle reef style setting. The Saddle reefs and the anomalous silt area will be targeted in the 2005 exploration program.

1.0 INTRODUCTION

This report describes a silt survey conducted on the Simba Property in the Dawson Mining District, Yukon Territory. The Simba Property host a large Algoma style Iron Formation with quartz veins that contain copper and visible gold. A total of 143 silts where taken around the property with the intention to define new targets on the property. The program was successful in outlining gold anomalies associated with copper on the south slopes of Simba Mountain.

2.0 LOCATION AND ACCESS

The Simba Property is centered at 64'03 N, 140'25 W in the central Yukon Territory, close to Alaska border. The Property is 75 kilometer north west of Dawson City. The only access is via helicopter from Dawson City. There also the Clinton Creek Road, a summer road that gets to within 9 kilometer of the property. It's a good spot to sling in supplies.

3.0 PROPERTY DESCRIPTION

The Simba Property consists of 488 full claims staked under the Yukon Quartz Mining Act in the Dawson Mining District. This report is for Simba 41-214 claims. The claims are located on NTS # 116 C / 09.

4.0 PHYSIOGRAPHY

The Simba Property is located in the Klondike Ecoregion. It straddles the southern Olgilvie mountain range to the north and the Tintina Valley to the south. Elevation on the Property range from 2500 ft to 4500 ft. The property vegetation is covered with spruce an aspen on the southern slopes, black spruce on the northern slope up to an elevation of 3700-4000 feet. The Property is covered with alpine tundra shrubs above 4000 feet.

5.0 REGIONAL AND PROPERTY GEOLOGY

5.1 REGIONAL GEOLOGY SETTING

The Simba BIF and related gold-quartz veins are contained in clastic sedimentary rocks of the Precambrian to Lower Cambrian Hyland Group, which is a component of the Selwyn Basin off-shelf succession. The Hyland Group currently comprises the lowest the lowest stratigraphic element of the Dawson Thrust Sheet, just north of the regionally extensive Tintina Fault Zone (Thompson et al. 1992).

5.2 PROPERTY GEOLOGY by Chris Ash, MSc, PGeo

The property geology includes three primary stratified units. A basal limestone sequence is overlain by an interval of interlayered sandstone, shale and gritty sandstone, which is in turn overlain by a succession of intermediate volcanoclastic and epiclastic rocks. The middle clastic sedimentary unit hosts both the BIF and spatially associated gold-quartz veins. The entire section is folded into a shallow (10 to 30°) north-northeast plunging, anticlinal fold structure. Several small plugs of diorite in addition to minor felsite dikes, of unknown age are also present, but volumetrically minor.

The contorted surface trace of the BIF at the nose of the major fold structure suggests the development of related minor folding. Mapping along strike to the immediate south-southeast beyond the property boundary, in the same stratigraphic succession defines north-northeast trending folds with amplitudes of several 100 meters (Thomson, 1992), and supports this interpretation. If valid, this relationship would suggest that the folded nose of the iron formation would be a more prospective area for quartz vein formation due to the higher potential for development of local, dilatational settings within the hinge zone. This relationship remains to be fully established but may indirectly speak to the historic production of placer gold on Shell Creek, which has eroded through and drains the nose of the major fold structure.

Mineralization

Two distinct, yet apparently genetically related styles of epigenetic mineralization are noted. Low sulphide gold-quartz veins with visible gold represent the most obvious target, however, fine-grained clastic sedimentary rocks marginal to these veins are locally pervasively chloritized and Cu-enriched and may be of economic significance.

Au-Quartz Veins

Bull white, gold-bearing quartz veins, typically highly fractured, outcrop intermittently along the 6 to 7 km extent of the northern southwest-dipping limb and along the nose of the folded BIF. Large, 2-4 meter boulders of quartz are scattered 100 to 200 meters down-slope from the identified zone of gold-quartz vein outcroppings. Gold-quartz veins do not appear to be hosted by the BIF but are contained in fine- to medium-grained clastic sedimentary rocks immediately above and below the banded iron interval.

Two distinct stages of quartz are recognized within some of the veins. An earlier stage consists of pervasively fractured, bull-white quartz. A relatively younger and more often mineralized stage consists of quartz-carbonate-chlorite with trace to two percent Cu sulphides (± gold). This late stage quartz is typified by vuggy 6 to 10 cm wide veins with well-developed comb structures that usually form at the margins of the early stage quartz, or infill cavities with it.

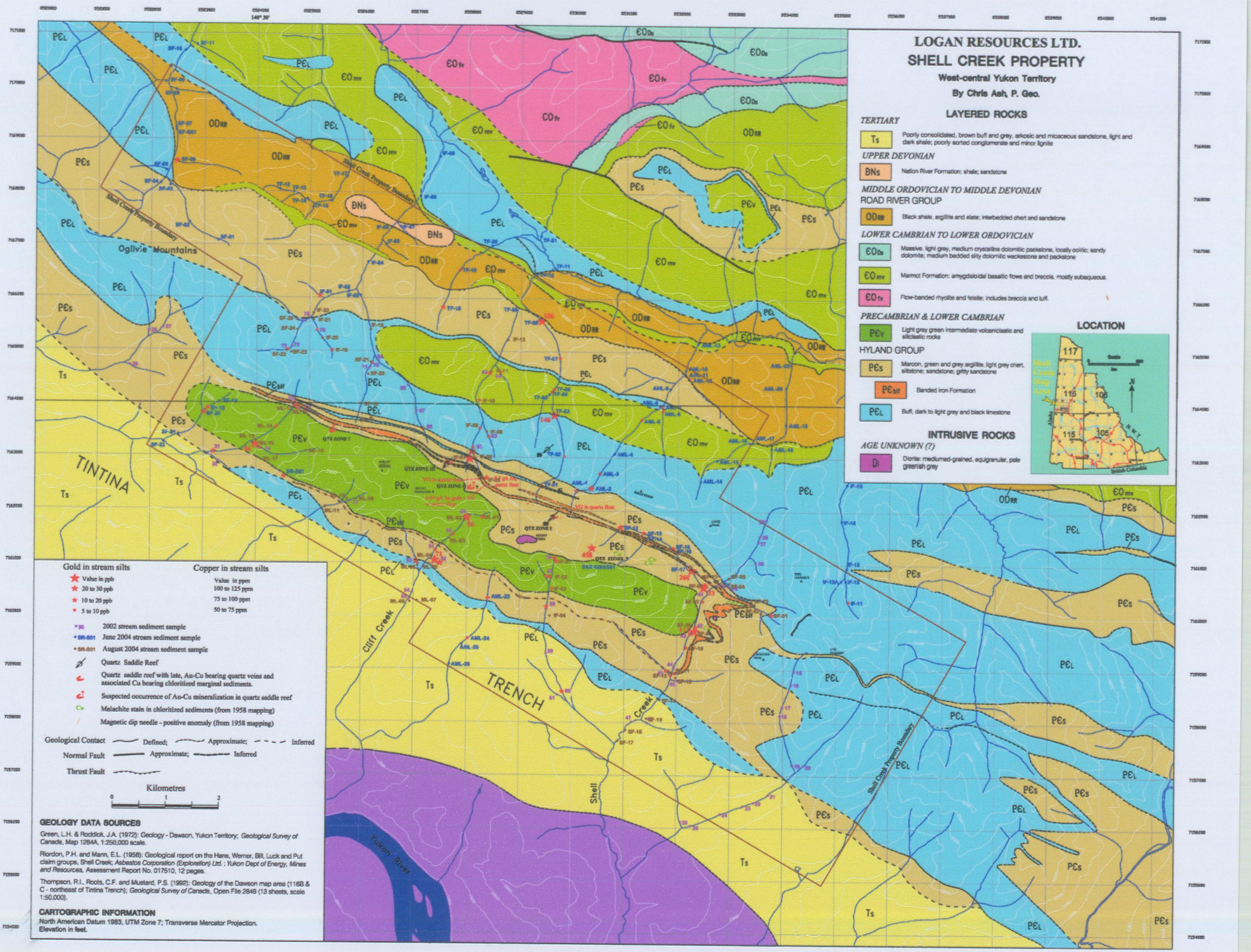
Late stage veins contain from trace to two percent Cu sulphides occurring in 0.3 to 0.7 cm size clots, readily identified due to green/blue, malachite/azurite staining. A single thin section analysis of a mineralized quartz vein identified predominantly chalcocite (75%) with lesser bornite (25%), and trace amounts of pyrite, chalcopyrite and lead-bismuth tellurides (Wong, 2004).

The general distribution, continuity and grade of the gold-quartz vein system remains to be established.

Cu in Vein-marginal Chloritized Sediments

In some areas, fine-grained, foliated clastic sedimentary rocks marginal to the gold-quartz veins are pervasively chloritized and contain elevated Cu. Malachite staining is common along cleavage surfaces within these chloritized sediments. Three grab samples of the malachite-stained, chloritized sediments are reported to have returned assays indicating from 1.6 to 1.8% Cu. Chloritized, Cu-rich Vein-marginal chloritization with Cu enrichment appears to be associat
ed with veins with late stage quartz.

Locally, the chloritized, Cu-stained sediments were noted to extend at least 1 to 2 meters away from the quartz vein margins, however, the limits could not be accurately established due to overburden. The extent and continuity of Cu-grade within these alteration haloes remains to be determined.


LOGAN RESOURCES LTD.
SHELL CREEK PROPERTY
West-central Yukon Territory
By Chris Ash, P. Geo.
LAYERED ROCKS
TERTIARY
Ts
Poorly consolidated, brown buff and grey, arkosic and micaceous sandstone, light and dark shale; poorly sorted conglomerate and minor lignite
UPPER DEVONIAN
DNs
Nation River Formation: shale; sandstone
MIDDLE ORDOVICIAN TO MIDDLE DEVONIAN
ROAD RIVER GROUP
ODRR
Black shale, argillite and slate; interbedded chert and sandstone
LOWER CAMBRIAN TO LOWER ORDOVICIAN
€Ods
Massive, light grey, medium crystalline dolomitic packstone, locally oolitic; sandy dolomite; medium bedded silty dolomitic wackestone and packstone
€O mv
Marmot Formation: amygdaloidal basaltic flows and breccia, mostly subaqueous.
€O fv
Flow-banded rhyolite and felsite; includes breccia and tuff.
PRECAMBRIAN & LOWER CAMBRIAN
PEv
Light grey green intermediate volcaniclastic and siliclastic rocks
HYLAND GROUP
PEs
Maroon, green and grey argillite, light grey chert, siltstone; sandstone; gritty sandstone
PEbif
Banded Iron Formation
PEL
Buff, dark to light grey and black limestone
INTRUSIVE ROCKS
AGE UNKNOWN (?)
Di
Diorite: medium-grained, equigranular, pale greenish grey
LOCATION
Shell Creek Map Area
117
116
115
105
N
NWT
Alaska
British Columbia
Gold in stream silts
Value in ppb
20 to 30 ppb
10 to 20 ppb
5 to 10 ppb
Copper in stream silts
Value in ppm
100 to 125 ppm
75 to 100 ppm
50 to 75 ppm
2002 stream sediment sample
June 2004 stream sediment sample
August 2004 stream sediment sample
Quartz Saddle Reef
Quartz saddle reef with late, Au-Cu bearing quartz veins and associated Cu bearing chloritized marginal sediments.
Suspected occurrence of Au-Cu mineralization in quartz saddle reef
Malachite stain in chloritized sediments (from 1958 mapping)
Magnetic dip needle - positive anomaly (from 1958 mapping)
Geological Contact
Defined;
Approximate;
Inferred
Normal Fault
Approximate;
Inferred
Thrust Fault
Kilometres
0
1
2
GEOLOGY DATA SOURCES
Green, L.H. & Roddick, J.A. (1972): Geology - Dawson, Yukon Territory; Geological Survey of Canada, Map 1284A, 1:250,000 scale.
Riordon, P.H. and Mann, E.L. (1958): Geological report on the Hans, Wernor, Bill, Luck and Put claim groups, Shell Creek; Asbestos Corporation (Exploration) Ltd.; Yukon Dept of Energy, Mines and Resources, Assessment Report No. 017510, 12 pages.
Thompson, R.I., Roots, C.F. and Mustard, P.S. (1992): Geology of the Dawson map area (116B & C - northeast of Tintina Trench); Geological Survey of Canada, Open File 2849 (13 sheets, scale 1:50,000).
CARTOGRAPHIC INFORMATION
North American Datum 1983, UTM Zone 7; Transverse Mercator Projection.
Elevation in feet.
Ogilvie Mountains
TINTINA
TRENCH
Cliff Creek
Shell Creek
Yukon River
Shell Creek Property Boundary
QTZ ZONE I
QTZ ZONE II
QTZ ZONE III

6.0 WORK PROGRAM / METHODS

6.1 REGIONAL SILT SURVEY

A regional silt survey was undertaken on June 29-30 and September 12, 2004. A four-man crew consisting of Scott Fleming, Mike Linley, Tyson Foxcroft, and Isaac Fage collected silt from various drainage. The program was helicopter supported to help in moving to various drainages. Sample where collected from higher energy site than the 2002 silt survey. A shovel was used to dig silt sample from the head of sand bars and was also very useful at taking silts from deeper water location. About one pound of silt where collected at each site and placed in brown paper soil bags. All sample where marked with black permanent marker as to location with collector's idea, and sample number. An orange flagging tape was place above the sample site with the same identification as the written on the sample.

The area covered is about 14 kilometer by 5 kilometer centered on the iron formation. There were a total of 13 drainages with 36 individual tributaries sample for a total 143 sample collected during the three-day program.

All sample site location where noted using Garmin 76 global position device. The position was collected in Nad 83 UTM format. The GPS points where downloaded into company computer on a nightly base.

7.0 INTERPRETATION

7.1 SILT SURVEY

The 2004 regional silt survey was undertaken to expand the 2002 survey. We also re sample part of the 2002 survey. The difference in silt surveys was that we used shovel in our 2004 survey and gathered material from the head of gravel bars and it also aloud us to take samples from deeper underwater location.

The silt survey results indicate that gold values are draining on three sides of the Simba Mountain area. The first area (one)is from the north side of the iron formation, as one would assume this is the drainages and area where we are finding visible gold in quartz vein. The second area (two) is from a west draining tributary of Shell Creek. This drainage has also revealed anomalous quartz vein during the 2002 prospecting program. The third area (three) that is revealing anomalous silt is coming from the south west drainage on the south side of the iron formation. These drainages are also indicating anomalous copper. This area will be the focus of the 2005 field season.

8.0 RECOMMENDATION

I recommended follow work with detail soil work on area two and three of the silt survey. A soil grid on line spacing 100 meters and station spacing of 50 meters should highlight the anomalous silts.

9.0 REFERENCES CITED

Thompson, R.I., Roots, C.F., Mustard, P.S. Geology of Dawson Map Area (116 B, C) Open file 2849 and Open file 3223.

Mann, E. L. Geological Report on the Hans, Werner, Bill, Luck and Put Claim Groups Shell Creek. Assessment file # 017510

10.0 QUALIFICATION

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson City.

I have worked in the exploration business for the last 23 years. I worked the first 14 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked the last 8 years as a local prospector for myself.

I have being trained to run various geophysical instruments and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and VLF surveys.

I have overseen the entire Simba Project and was party chief in charge.

I own 100% of the Simba claims and have now option the claim block to Logan Resource.

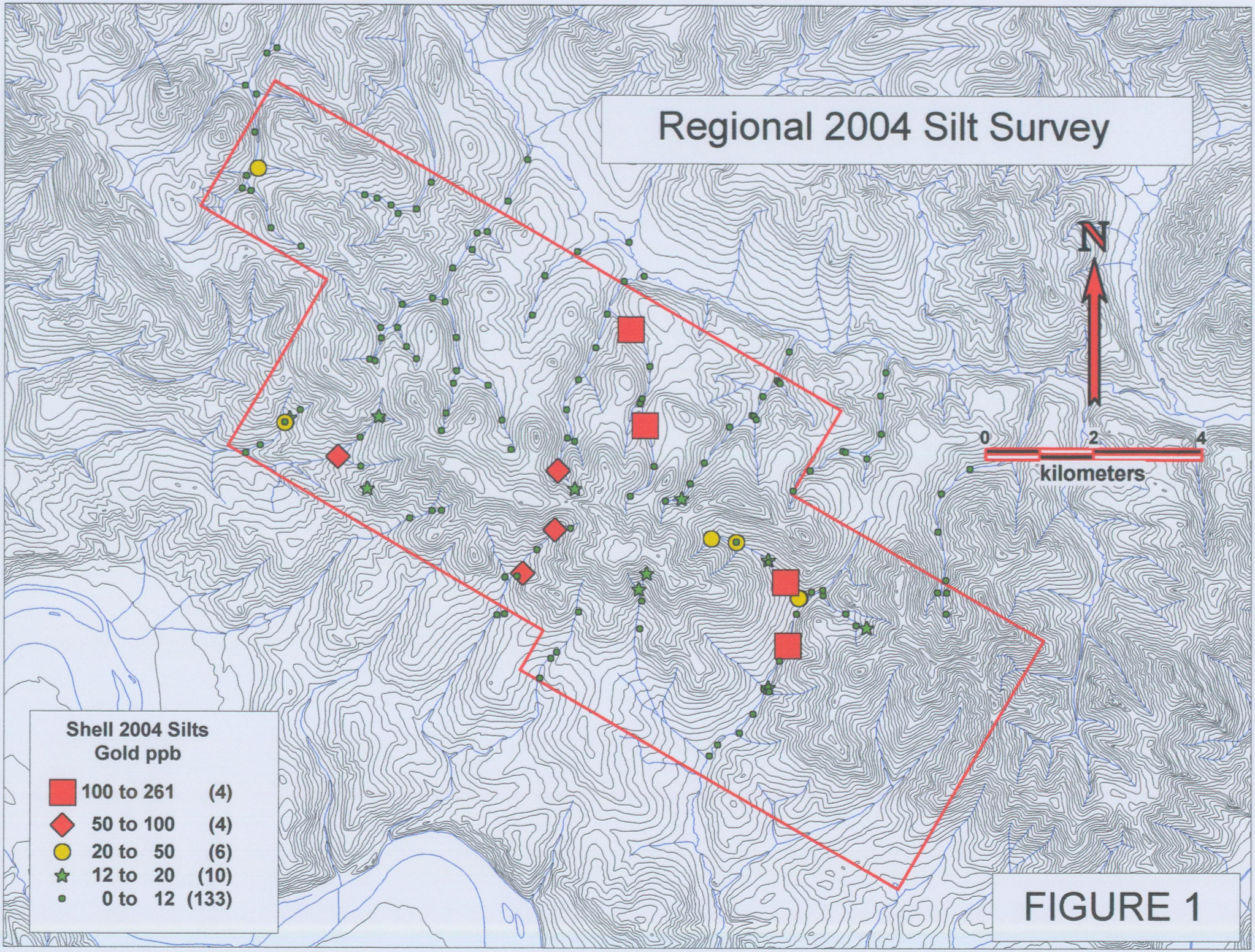
Dated this 1 of April 2005 in Dawson City, Yukon.

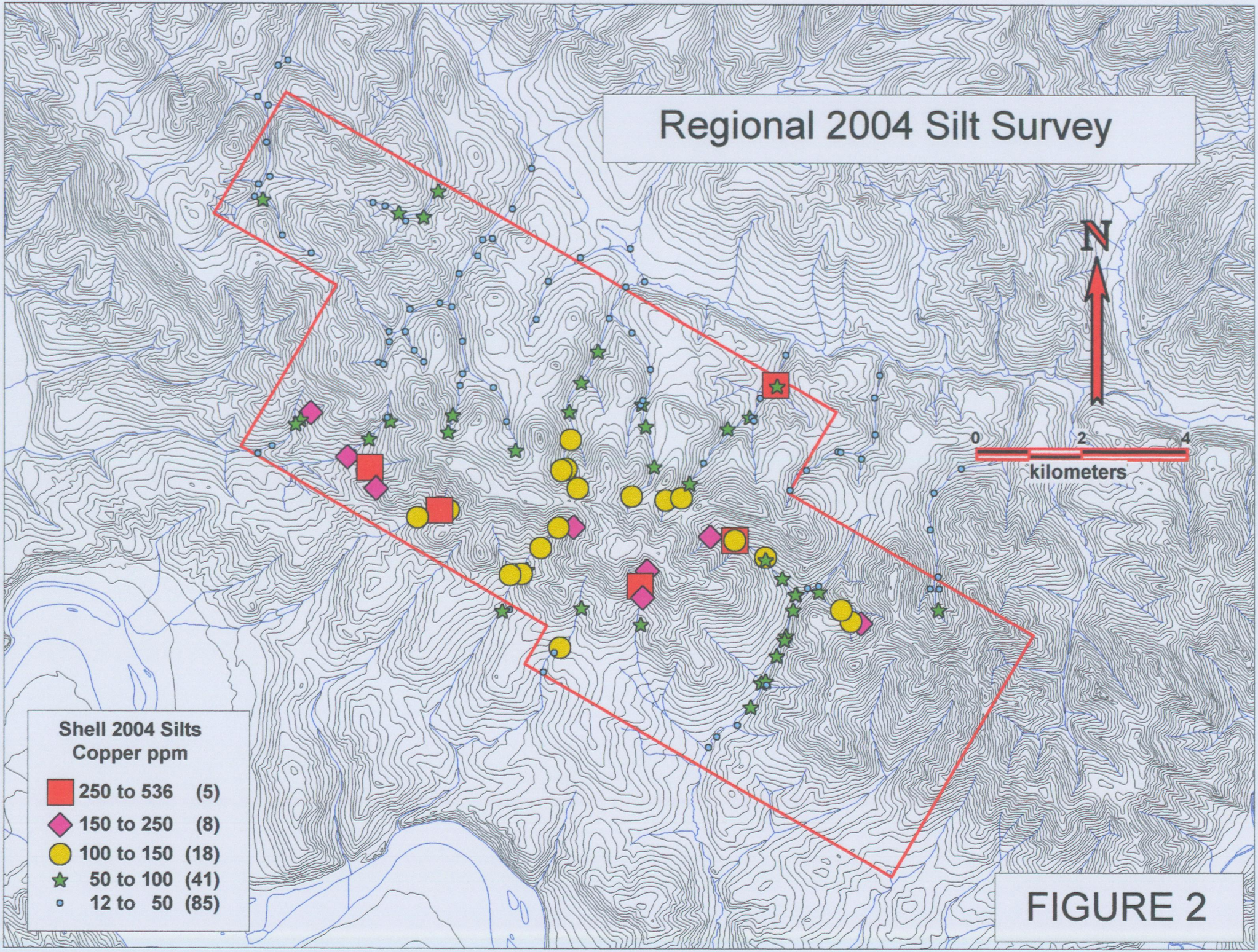
Respectfully submitted

Shawn Ryan

11.0 COST

Wages 12 man days @$325.00 per day Silt survey Scott Fleming, Mike Lindley, Issac Fage, Tyson Foxcroft		$3,900.00
Wages 2 man days @$325.00 per day Prospecting Shawn Ryan		$650.00
Assays 143 silts @ $16.20 per sample		$2,316.60
Geologist 10 days @ $500.00, Field Work Chris Ash, MSc, PGeo; CASH Geological Consulting		$5,000.00
Geologist Assistant 10 days @ $200.00, Field Work Lisa Peters, Victoria B.C.		$2,000.00
Geology Map Preparation Auto cad Work Chris Ash, MSc, PGeo; CASH Geological Consulting 7.5 days @ $400.00 per day for map preparation		$3,000.00
Helicopter	Day one 5 hours @ $1150.00	$5,750.00
	Day two 3.5 hours @ $1150.00	$4,025.00
	Day three 2.3 hours @ $1150.00	$2,645.00
	Day four 2.2 hours @ $1150.00	$2,530.00
Truck Rental 4 days @ $100.00 included gas		$400.00
Sample Bags		$34.00
Final Report Preparation		$750.00
	Total	$33,000.00


Regional 2004 Silt Survey
N
0
2
4
kilometers
Shell 2004 Silts
Gold ppb
100 to 261 (4)
50 to 100 (4)
20 to 50 (6)
12 to 20 (10)
0 to 12 (133)
FIGURE 1


Regional 2004 Silt Survey
N
0
2
4
kilometers
Shell 2004 Silts
Copper ppm
250 to 536 (5)
150 to 250 (8)
100 to 150 (18)
50 to 100 (41)
12 to 50 (85)
FIGURE 2

GPS ID	UTM	Easting	Northing	Date	Elevation
SBA-IF-01	NAD83-7W	525168	7166022	28-JUN-04 12:15	880.6
SBA-IF-02	NAD83-7W	525730	7166141	28-JUN-04 13:01	837.3
SBA-IF-03	NAD83-7W	525960	7166068	28-JUN-04 12:44	838.8
SBA-IF-04	NAD83-7W	526100	7166701	28-JUN-04 13:33	822.7
SBA-IF-04B	NAD83-7W	526100	7166701	28-JUN-04 13:33	822.7
SBA-IF-05	NAD83-7W	526460	7167044	28-JUN-04 14:00	799.5
SBA-IF-06	NAD83-7W	526551	7167351	28-JUN-04 14:17	784.9
SBA-IF-06B	NAD83-7W	526551	7167351	28-JUN-04 14:17	784.9
SBA-IF-07	NAD83-7W	526741	7167373	28-JUN-04 14:41	805.6
SBA-IF-08	NAD83-7W	527123	7167946	28-JUN-04 15:11	766.9
SBA-IF-09	NAD83-7W	527484	7168717	28-JUN-04 15:43	780
SBA-IF-11	NAD83-7W	535259	7160307	29-JUN-04 12:49	1039.7
SBA-IF-11A	NAD83-7W	535259	7160307	29-JUN-04 12:49	1039.7
SBA-IF-12	NAD83-7W	535267	7160698	29-JUN-04 13:49	1036
SBA-IF-12A	NAD83-7W	535100	7160699	29-JUN-04 14:16	887.9
SBA-IF-13	NAD83-7W	535253	7160932	29-JUN-04 14:26	878.4
SBA-IF-14	NAD83-7W	535103	7161829	29-JUN-04 15:00	766
SBA-IF-15	NAD83-7W	535167	7162537	29-JUN-04 15:28	767.2
SBA-IF-16	NAD83-7W	535691	7162984	29-JUN-04 15:55	764.7
SBAML-1	NAD83-7W	530057	7162394	28-JUN-04 12:17	1054.9
SBAML-10	NAD83-7W	532116	7164627	28-JUN-04 15:19	698.6
SBAML-11	NAD83-7W	532147	7164594	28-JUN-04 15:28	698.9
SBAML-12	NAD83-7W	532175	7164568	28-JUN-04 15:38	698.9
SBAML-13	NAD83-7W	532341	7165162	28-JUN-04 15:57	687.6
SBAML-14	NAD83-7W	532417	7162579	29-JUN-04 12:57	940
SBAML-15	NAD83-7W	532734	7162951	29-JUN-04 13:24	854.4
SBAML-16	NAD83-7W	533333	7163312	29-JUN-04 13:43	760.2
SBAML-17	NAD83-7W	533383	7163296	29-JUN-04 13:50	754.4
SBAML-18	NAD83-7W	533776	7163176	29-JUN-04 14:02	747.7
SBAML-19	NAD83-7W	534040	7163637	29-JUN-04 14:19	693.1
SBAML-2	NAD83-7W	530360	7162443	28-JUN-04 12:34	993.3
SBAML-20	NAD83-7W	534028	7164344	29-JUN-04 14:38	655.6
SBAML-21d	NAD83-7W	534028	7164344	29-JUN-04 14:38	655.6
SBAML-22	NAD83-7W	534129	7164779	29-JUN-04 14:52	651.1
SBAML-23	NAD83-7W	528443	7160330	29-JUN-04 16:00	967.1
SBAML-24	NAD83-7W	528032	7159580	29-JUN-04 16:26	848.9
SBAML-25	NAD83-7W	527924	7159465	29-JUN-04 16:39	741.9
SBAML-26	NAD83-7W	527718	7159097	29-JUN-04 16:54	716.9
SBAML-3	NAD83-7W	530519	7162711	28-JUN-04 12:49	974.8
SBAML-4	NAD83-7W	530780	7163087	28-JUN-04 13:09	951
SBAML-5	NAD83-7W	531243	7163759	28-JUN-04 13:43	916.8
SBAML-6	NAD83-7W	531655	7163978	28-JUN-04 14:12	764.7
SBAML-7	NAD83-7W	531696	7163959	28-JUN-04 14:25	766
SBAML8	NAD83-7W	531738	7163898	28-JUN-04 14:42	778.5
SBAML-9	NAD83-7W	531857	7164330	28-JUN-04 15:02	726
SBASF-01	NAD83-7W	523285	7167093	28-JUN-04 12:22	1058.6
SBASF-01B	NAD83-7W	523285	7167093	28-JUN-04 12:22	1058.6
SBASF-02	NAD83-7W	522732	7167435	28-JUN-04 12:54	980.5
SBASF-03	NAD83-7W	522362	7168130	28-JUN-04 13:22	901.3

SBASF-04	NAD83-7W	522203	7168173	28-JUN-04 13:50	898.2
SBASF-05	NAD83-7W	522280	7168407	28-JUN-04 14:11	878.7
SBASF-06	NAD83-7W	522491	7168554	28-JUN-04 14:34	874.2
SBASF-06B	NAD83-7W	522491	7168554	28-JUN-04 14:34	874.2
SBASF-07	NAD83-7W	522432	7169214	28-JUN-04 15:01	826.6
SBASF-07B	NAD83-7W	522432	7169214	28-JUN-04 15:01	826.6
SBASF-08	NAD83-7W	522462	7169918	28-JUN-04 15:39	801
SBASF-09	NAD83-7W	522259	7170084	28-JUN-04 15:59	782.7
SBASF-10	NAD83-7W	522650	7170685	28-JUN-04 16:30	751.3
SBASF-11	NAD83-7W	522839	7170780	28-JUN-04 16:51	769.6
SBASF-12	NAD83-7W	530913	7161703	29-JUN-04 12:56	994
SBASF-13Co	NAD83-7W	531372	7161635	29-JUN-04 13:21	899.2
SBASF-13KR	NAD83-7W	531372	7161635	29-JUN-04 13:21	899.2
SBASF-15	NAD83-7W	531959	7161306	29-JUN-04 14:05	821.1
SBASF-16	NAD83-7W	531965	7161256	29-JUN-04 14:18	781.8
SBASF-17	NAD83-7W	532276	7160899	29-JUN-04 14:37	728.8
SBASF-18	NAD83-7W	523276	7164058	29-JUN-04 15:35	769.3
SBASF-19	NAD83-7W	523080	7163921	29-JUN-04 15:55	716.6
SBASF-20	NAD83-7W	522991	7163832	29-JUN-04 16:14	676
SBASF-20B	NAD83-7W	522991	7163832	29-JUN-04 16:14	676
SBASF-21	NAD83-7W	522537	7163408	29-JUN-04 16:42	581.9
SBASF-22	NAD83-7W	522266	7163258	29-JUN-04 17:02	546.5
SBATF-01	NAD83-7W	529401	7162475	28-JUN-04 12:14	1138.4
SBATF-02	NAD83-7W	529842	7163024	28-JUN-04 12:43	1059.5
SBATF-03	NAD83-7W	529675	7163795	28-JUN-04 13:15	1018.9
SBATF-04	NAD83-7W	529601	7164222	28-JUN-04 13:46	962.3
SBATF-05	NAD83-7W	529579	7164195	28-JUN-04 13:57	964.7
SBATF-06	NAD83-7W	529618	7164281	28-JUN-04 14:10	946.1
SBATF-07	NAD83-7W	529764	7164878	28-JUN-04 14:42	887
SBATF-08	NAD83-7W	529406	7165580	28-JUN-04 15:21	819
SBATF-09	NAD83-7W	528970	7165854	28-JUN-04 15:54	781.8
SBATF-10	NAD83-7W	529286	7166458	28-JUN-04 16:28	743.7
SBATF-11	NAD83-7W	529652	7166553	28-JUN-04 16:49	741
SBATF-12	NAD83-7W	524463	7168057	29-JUN-04 12:49	983.9
SBATF-13	NAD83-7W	524693	7167993	29-JUN-04 13:02	925.4
SBATF-14	NAD83-7W	524956	7167869	29-JUN-04 13:16	898.9
SBATF-15	NAD83-7W	525089	7167708	29-JUN-04 13:31	887.3
SBATF-16	NAD83-7W	525432	7167795	29-JUN-04 13:48	865.6
SBATF-17	NAD83-7W	525705	7168292	29-JUN-04 14:09	830.6
SBATF-18	NAD83-7W	527572	7165829	29-JUN-04 15:22	890
SBATF-19	NAD83-7W	527803	7166562	29-JUN-04 15:42	890.6
SBATF-20	NAD83-7W	528419	7167010	29-JUN-04 16:07	797.1
SBATF-21	NAD83-7W	529376	7167188	29-JUN-04 16:55	748.9
SBASR-S01	NAD83-7W	524520	7162620	29-JUN-04 15:52	990.6

GPS ID	NAD83-7W	Easting	Northing	Date	Elevation
SB4829SS01	NAD83-7W	532761	7160707	29-AUG-04 15:33	1226.8
SB4829SS02	NAD83-7W	532545	7160600	29-AUG-04 15:45	691.3
SB4829SS03	NAD83-7W	531960	7158939	29-AUG-04 16:09	570.3
SBBIF-01	NAD83-7W	529709	7161051	12-SEP-04 10:25	1195.4
SBBIF-02	NAD83-7W	529566	7160757	12-SEP-04 10:39	1056.7
SBBIF-03	NAD83-7W	529619	7160536	12-SEP-04 10:57	981.8
SBBIF-04	NAD83-7W	529583	7160017	12-SEP-04 11:26	873.3
SBBIF-05	NAD83-7W	528365	7162624	12-SEP-04 12:41	1155.2
SBBIF-06	NAD83-7W	528146	7162988	12-SEP-04 13:03	1033.3
SBBIF-07	NAD83-7W	528052	7162963	12-SEP-04 13:18	1040.9
SBBIF-08	NAD83-7W	528361	7163487	12-SEP-04 13:59	947.6
SBBIF-09	NAD83-7W	528228	7163546	12-SEP-04 13:41	1015.3
SBBIF-10	NAD83-7W	528213	7164075	12-SEP-04 14:24	910.4
SBBIF-11	NAD83-7W	528435	7164634	12-SEP-04 14:46	848.9
SBBIF-13	NAD83-7W	528755	7165225	12-SEP-04 15:34	806.2
SBBIF-14	NAD83-7W	527187	7163331	12-SEP-04 15:34	806.2
SBBIF-15	NAD83-7W	527012	7163877	12-SEP-04 15:34	806.2
SBBIF-16	NAD83-7W	526758	7164524	12-SEP-04 15:34	806.2
SBBIF-18	NAD83-7W	526165	7165410	13-SEP-04 13:19	859.8
SBBIF-19	NAD83-7W	525428	7165015	13-SEP-04 14:02	1002.5
SBBIF-20	NAD83-7W	525246	7165237	13-SEP-04 14:25	949.1
SBBIF-21	NAD83-7W	525079	7165591	13-SEP-04 14:55	889.7
SBB-ML-01	NAD83-7W	528291	7161884	13-SEP-04 14:55	-9999
SBB-ML-02	NAD83-7W	527999	7161871	13-SEP-04 14:55	-9999
SBB-ML-03	NAD83-7W	527663	7161480	13-SEP-04 14:55	-9999
SBB-ML-04	NAD83-7W	527402	7161061	13-SEP-04 14:55	-9999
SBB-ML-05	NAD83-7W	527300	7160990	13-SEP-04 14:55	-9999
SBB-ML-06	NAD83-7W	527076	7160969	13-SEP-04 14:55	-9999
SBB-ML-07	NAD83-7W	527069	7160290	13-SEP-04 14:55	-9999
SBB-ML-08	NAD83-7W	526932	7160274	13-SEP-04 14:55	-9999
SBB-ML-09	NAD83-7W	525899	7162212	13-SEP-04 14:55	-9999
SBB-ML-10	NAD83-7W	525727	7162205	13-SEP-04 14:55	-9999
SBB-ML-11	NAD83-7W	525310	7162062	13-SEP-04 14:55	-9999
SBB-ML-12	NAD83-7W	524789	7163893	13-SEP-04 14:55	-9999
SBB-ML-13	NAD83-7W	524733	7163951	13-SEP-04 14:55	-9999
SBB-ML-14	NAD83-7W	524385	7163552	13-SEP-04 14:55	-9999
SBB-ML-15	NAD83-7W	523992	7163294	13-SEP-04 14:55	-9999
SBB-ML-16	NAD83-7W	523979	7163210	13-SEP-04 14:55	-9999
SBB-ML-17	NAD83-7W	524399	7163012	13-SEP-04 14:55	-9999
SBB-SF-01	NAD83-7W	533774	7160051	12-SEP-04 10:28	908.9
SBB-SF-02	NAD83-7W	533580	7160085	12-SEP-04 10:58	882.4
SBB-SF-03	NAD83-7W	533396	7160305	12-SEP-04 11:25	811.4
SBB-SF-04	NAD83-7W	532975	7160646	12-SEP-04 11:56	724.2
SBB-SF-05	NAD83-7W	532971	7160743	12-SEP-04 12:15	713.5
SBB-SF-06	NAD83-7W	532526	7160593	12-SEP-04 12:44	687
SBB-SF-07	NAD83-7W	532483	7160300	12-SEP-04 13:02	665.1
SBB-SF-08	NAD83-7W	532344	7159807	12-SEP-04 13:23	628.5
SBB-SF-09	NAD83-7W	532317	7159723	12-SEP-04 13:38	638.9
SBB-SF-10	NAD83-7W	532170	7159425	12-SEP-04 14:00	603.2
SBB-SF-11	NAD83-7W	531961	7158941	12-SEP-04 14:26	576.7
SBB-SF-12	NAD83-7W	531883	7158902	12-SEP-04 14:40	580.9
SBB-SF-13	NAD83-7W	531982	7158855	12-SEP-04 14:54	582.8
SBB-SF-14	NAD83-7W	531682	7158436	12-SEP-04 15:23	543.2
SBB-SF-15	NAD83-7W	531431	7158083	12-SEP-04 15:47	530.7
SBB-SF-16	NAD83-7W	531035	7157864	12-SEP-04 16:13	509
SBB-SF-17	NAD83-7W	530882	7157656	12-SEP-04 16:26	506.3
SBB-SF-18	NAD83-7W	525893	7163681	13-SEP-04 11:55	1124.7
SBB-SF-19	NAD83-7W	525979	7164006	13-SEP-04 12:23	1038.5
SBB-SF-20	NAD83-7W	526119	7164561	13-SEP-04 12:48	918.1
SBB-SF-21	NAD83-7W	526169	7164791	13-SEP-04 13:03	889.7
SBB-SF-22	NAD83-7W	524565	7165000	13-SEP-04 14:28	968.3
SBB-SF-23	NAD83-7W	524658	7164970	13-SEP-04 14:41	973.5
SBB-SF-24	NAD83-7W	524775	7165397	13-SEP-04 14:58	914.4
SBB-SF-25	NAD83-7W	524765	7165592	13-SEP-04 15:18	896.4

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

Ryanwood Exploration Inc. PROJECT SB-SERIES File # A403789 Page 1

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SBA-IF-01	.7	23.9	7.4	48	.1	19.9	7.8	402	2.22	10.4	.9	11.3	1.1	21	.2	.6	.2	29	.90	.076	9	16.1	.36	109	.010	1	1.22	.006	.06	.1	.04	2.3	.1<	.05	2	.7
SBA-IF-02	.6	28.8	10.3	64	.1	24.0	10.0	573	2.28	8.0	.5	3.5	1.5	31	.2	1.0	.2	31	1.30	.098	11	25.1	.65	117	.017	6	.96	.006	.05	.1	.09	2.9	1<	.05	2	1.3
SBA-IF-03	1.2	22.1	11.2	51	.1	24.9	11.0	793	2.62	10.4	.5	2.1	3.7	33	.1	1.2	.2	23	.79	.083	12	14.6	.45	89	.016	<1	.66	006	.03	.1	.04	2.2	.1<	.05	2	6
SBA-IF-04A	.9	20.0	9.8	55	.1	24.2	11.3	899	2.54	9.6	4	1.2	3.8	32	.2	1.0	.1	26	.81	.086	15	16.6	.52	90	.021	1	.70	.006	.03	.1	.04	2.4	< 1	<.05	2	<.5
SBA-IF-04B	.6	25.6	10.6	63	.1	27.3	11.1	655	2.63	7.7	.6	1.4	3.5	33	.3	.9	.2	27	.76	.093	13	19.0	.46	93	.020	1	.98	.007	.04	1	.06	2.8	.1<	.05	2	.8
SBA-IF-05	2.4	30.9	13.0	111	.4	78.4	21.8	1242	4.28	18.2	1.9	1.7	2.1	132	.9	1.7	.1	240	1.38	.192	23	95.4	1.10	482	.116	4	1.41	.009	.08	.2	.12	2.8	.2<	.05	5	7.6
SBA-IF-06A	1.1	20.1	9.7	82	.1	28.1	9.9	940	2.31	7.9	.5	1.5	3.2	32	.9	.8	.1	25	.74	.068	12	16.1	.43	79	.019	1	.65	.005	.03	.1	.03	2.1	.1<	.05	2	.5
SBA-IF-06B	1.1	27.6	12.7	113	.2	37.6	12.3	1024	2.76	9.3	.6	2.3	3.7	40	1.3	1.1	.2	31	.82	.084	13	19.9	.51	109	.023	1	.92	.007	.04	.1	.05	3.1	.1<	.05	2	.6
SBA-IF-07	3.0	32.6	11.9	174	.3	155.7	25.6	741	4.17	10.6	.9	1.3	2.3	70	1.4	1.6	.1	116	.79	.177	28	163.7	1.29	354	.027	3	1.76	.009	.08	< 1	11	3.8	.2<	.05	5	1.9
SBA-IF-08	1.3	31.2	13.3	166	.2	52.6	14.5	1456	2.97	9.7	.8	2.5	3.3	49	1.7	.9	.2	40	1.00	.095	15	31.6	.63	148	.029	3	1.10	008	05	.1	.05	3.4	.1	.06	3	8
SBA-IF-09	1.3	26.2	11.3	197	.1	54.9	13.3	1418	3.00	9.4	.6	2.2	3.7	45	2.3	.9	.2	33	.97	.090	13	26.2	.57	128	.027	1	1.02	.008	.05	.1	05	3.2	.1<	.05	3	1.0
SBA-IF-11	.6	42.5	25.3	138	.2	48.1	15.2	395	2.94	12.6	1.4	1.3	2.1	407	.3	1.0	.2	26	8.07	.158	16	31.7	.96	80	.025	4	.89	.010	.08	<.1	.06	3.1	.1<	.05	2	.8
SBA-IF-11A	1.7	56.2	40.3	152	.2	40.6	18.6	960	3.94	16.0	1.0	6.8	3.1	401	.5	1.2	.3	20	8.98	.134	16	19.2	1.04	64	.008	2	.74	.004	.05	.1	.09	2.7	1<	.05	2	1.0
SBA-IF-12	.6	43.6	34.1	162	.2	45.3	15.0	504	3.13	11.2	1.4	1.2	2.1	346	.5	1.2	.2	27	7.80	.158	16	29.8	.97	79	.019	2	1.03	.010	.07	.1	.08	3.2	.1	.06	2	.9
SBA-IF-12A	.6	30.5	26.4	149	.1	31.4	9.3	372	2.20	7.9	1.0	1.6	1.3	435	.5	.7	.1	22	14.56	.132	14	26.8	1.08	85	.017	3	.79	.011	.05	.1	.06	2.0	.1	.09	2	9
RE SBA-IF-12A	.5	29.1	25.5	167	.1	28.3	10.1	385	2.21	7.7	1.0	1.6	1.3	431	.6	.8	.1	22	14.72	.129	14	27.0	1.11	87	.019	3	.83	.011	.06	.1	.07	2.3	.1	.09	2	.6
SBA-IF-13	.7	42.7	32.6	155	.2	50.0	15.7	547	3.13	12.0	1.4	2.8	1.9	306	.3	1.1	.2	25	6.83	.143	16	33.2	1.05	81	.018	4	1.10	.008	.07	.1	.10	2.8	.1	.10	3	.9
SBA-IF-14	.8	37.3	28.9	131	.2	38.1	14.7	690	2.70	9.8	1.5	2.1	2.1	311	.5	1.4	.2	26	8.73	.148	15	30.4	1.10	79	.018	6	1.02	.010	.08	.1	.09	2.9	.1	.15	2	2.0
SBA-IF-15	.8	29.2	21.5	102	.1	36.1	14.4	595	2.95	7.9	1.2	1.2	3.8	210	.5	.6	.2	20	4.74	.166	16	22.1	.77	80	.013	3	.95	.009	.06	.1	.07	2.7	.1	.08	2	1.4
SBA-IF-16	.8	30.4	23.0	104	.1	36.2	15.1	699	2.94	8.7	1.1	1.0	3.9	234	.4	.9	.3	20	6.25	.169	16	28.2	.87	72	.011	3	.96	.008	.05	.1	.06	2.5	.1	.08	2	1.1
SBA-ML-1	1.1	123.2	11.4	84	.1	38.0	19.6	1756	3.69	6.4	1.5	9.5	1.7	50	.4	.4	.2	37	.95	.098	16	25.4	.78	101	.033	2	1.52	.008	.06	.1	.07	3.6	.1<.05		3	1.1
SBA-ML-2	.9	108.7	13.0	74	.1	56.9	27.6	3082	3.29	5.3	.9	13.3	1.7	41	.4	.4	.2	35	1.13	.106	15	22.6	96	101	.037	2	1.41	.006	.06	.2	.04	3.2	.1<.05		3	.7
SBA-ML-3	.6	62.2	15.2	87	.2	28.9	12.2	941	2.68	8.3	1.4	5.3	1.7	184	.3	.8	.2	23	5.85	.109	18	15.9	.68	82	.020	1	.81	.008	.05	.1	.07	3.6	.1<.05		2	1.1
SBA-ML-4	.8	35.8	15.1	83	.1	28.4	14.7	1272	2.92	6.1	1.2	3.6	2.6	77	.3	.4	.2	26	1.36	.080	18	17.3	.63	75	.014	1	1.06	006	.04	.1	.03	2.3	.1<.05		3	.9
SBA-ML-5	.8	90.3	13.5	100	.1	43.2	23.0	1829	3.44	6.0	.7	5.2	2.0	69	.4	.6	.2	32	1.69	.104	13	20.9	85	73	.029	2	1.26	.007	.06	.1	.08	3.4	1<.05		3	1.8
SBA-ML-6	1.1	57.6	12.6	80	.1	29.7	15.0	1013	3.41	5.8	.6	4.2	2.3	57	.2	6	.2	41	1.35	.075	13	20.4	64	90	.032	1	1.04	.006	.04	.1	.07	2.8	.1<.05		3	1.3
SBA-ML-7	.4	25.1	7.5	54	.1	19.2	10.1	562	2.23	4.9	.5	7.5	3.0	35	.1	.5	.1	32	.79	.071	11	20.0	.56	100	.036	2	1.02	.010	.04	.2	.04	2.9	<.1<.05		3	<.5
SBA-ML-8	.4	12.3	5.1	34	.1	16.2	8.7	676	2.17	5.3	.3	8.7	3.0	23	.1	.4	.2	14	.50	.049	10	11.0	.32	87	.007	<1	.68	.004	.04	.1	.05	1.8	<.1<.05		2	<.5
SBA-ML-9	.8	21.5	7.7	82	.1	22.1	10.6	686	2.23	6.5	.4	1.7	2.5	35	4	.6	.2	29	.62	.066	12	13.3	.38	90	.014	1	.79	.005	.04	.1	.03	1.9	.1<.05		2	.7
SBA-ML-10	5.6	25.4	8.7	270	.1	45.1	13.4	1180	2.78	10.7	.7	1.2	2.5	31	2.7	1.0	.1	37	.55	.072	11	13.4	.35	128	.012	<1	.80	004	.04	.1	.06	1.9	.1<.05		2	1.0
SBA-ML-11	>2000	315.3	.4	1180	<.1	44.0	1.4	79	>40	<.5	27.8	.6	.1	31	34.6	41.6	<.1	146	1.01	.237	<1	1.0	.02	64	.001	<1	.13	.001	<.01	.3	.03	.2	.1<.05		<1	>100
SBA-ML-12	86.9	51.1	23.4	640	.7	76.0	10.4	504	3.70	25.6	4.3	5.9	.9	85	9.4	6.2	.2	203	.62	.135	9	26.5	.34	506	.013	1	1.01	.007	.08	.2	.28	2.3	.6	.10	3	19.6
SBA-ML-13	37.5	35.7	10.9	684	.2	106.0	15.2	1607	3.25	11.2	1.1	1.1	2.3	45	9.0	1.7	.2	49	68	074	8	14.6	.35	192	.010	1	.80	.004	.05	.1	08	2.1	.3<.05		2	6.0
SBA-ML-14	4.1	34.9	23.0	81	.1	37.2	21.0	815	3.87	7.7	1.2	2.1	7.7	86	.3	.5	.4	22	1.14	.206	24	19.7	.50	67	.010	1	1.16	.006	.04	.1	.05	3.6	.1<.05		3	.6
STANDARD DS5	13.1	144.2	25.7	141	.3	24.8	11.8	783	3.03	18.0	6.3	43.0	2.7	47	5.9	4.0	6.4	62	.72	.089	12	192.2	.68	145	089	17	1.97	.032	.15	5.1	.16	3.4	1.1<.05		6	5.1

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data We FA ____ DATE RECEIVED: JUL 22 2004 DATE REPORT MAILED: Aug 6/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SBA-ML-15	2.6	27.1	26.1	121	.2	28.0	12.9	862	3.26	12.3	.7	2.5	3.8	84	1.2	1.8	.2	16	2.52	.095	13	14.2	.83	58	.008	2	.73	.008	.03	.1	.06	2.5	.1	<.05	2	1.1
SBA-ML-16	1.9	23.9	23.8	105	.2	26.6	12.2	1047	3.29	12.5	.7	1.5	2.8	76	.9	1.9	.2	19	3.78	.101	11	15.6	1.66	68	.010	2	.74	.008	.04	.1	.05	2.7	.1	.06	2	1.0
SBA-ML-17	.9	23.9	20.9	86	.2	23.2	11.8	679	2.77	10.5	.5	2.2	2.7	75	.5	1.6	.2	18	3.05	.088	10	11.7	1.18	58	.009	2	.70	.006	.04	.1	.05	2.5	<.1	.07	2	1.0
SBA-ML-18	.8	29.4	14.8	84	.3	21.2	11.3	1815	2.97	13.6	.8	3.2	1.7	118	.7	1.8	.2	24	5.56	.089	9	16.5	.56	170	.014	3	.72	.009	.06	.1	.10	2.3	.1	.12	2	1.2
SBA-ML-19	.8	23.7	13.1	70	.1	24.9	11.2	820	2.69	8.6	.7	4.0	2.9	48	.4	1.1	.2	21	1.33	.073	12	18.3	.59	117	.011	3	.81	.008	.05	.1	.15	2.4	.1	.06	2	<.5
SBA-ML-20	1.2	26.7	15.5	317	2	68.3	16.4	956	3.61	10.0	2.7	1.4	3.0	42	6.1	1.3	.2	27	1.46	.075	11	17.9	.55	144	.012	5	.82	.008	.06	<.1	.18	2.9	.2	.13	2	.8
SBA-ML-21	1.7	29.3	15.1	468	.2	78.9	15.2	730	5.35	10.0	4.4	1.5	3.0	48	10.3	2.4	.2	30	1.52	.078	11	19.0	.52	115	.012	6	.82	.008	.06	.1	.17	3.0	.3	.11	2	1.0
SBA-ML-22	19.4	36.5	18.3	493	.3	69.1	13.1	1281	3.86	14.1	1.2	1.9	2.6	75	7.1	2.9	.2	66	1.11	.096	10	22.1	.47	372	.013	4	.87	.009	.06	.1	.19	2.8	.2	.08	2	4.0
SBA-ML-23	.7	89.2	8.8	98	<.1	70.4	26.7	1540	3.99	5.6	.3	11.5	3.1	18	.4	.5	.3	52	.57	.067	13	72.1	1.33	73	.050	1	1.59	.004	03	.1	.02	4.2	.1	<.05	4	1.5
SBA-ML-24	1.2	126.2	10.4	105	.1	67.3	22.4	1403	3.49	6.1	1.9	6.8	1.8	69	.9	1.2	.2	45	1.22	.086	11	76.4	1.33	164	.033	5	1.59	.008	.07	<.1	.08	4.3	.1	.07	4	2.2
SBA-ML-25	.4	34.6	16.9	75	.1	27.4	13.1	411	2.35	10.1	1.2	2.5	7.2	56	2	2.2	.3	15	.80	.038	25	18.4	.52	159	.008	1	.97	006	.05	<.1	.05	2.1	.1	<.05	3	.9
SBA ML-26	.5	31.5	14.0	80	.1	28.0	12.4	441	2.13	6.6	1.3	2.6	7 6	40	.2	1.4	.2	16	.48	.032	23	22.9	.51	171	.008	<1	.89	.004	.05	.1	05	1.8	.1	<.05	3	.8
RE SBA-ML-26	.5	32.2	15.5	89	.1	31.1	13.3	446	2.13	6.8	1.5	2.2	7.8	44	.3	1.6	.2	16	46	.030	25	22.0	.46	165	.009	1	.71	.004	.05	.1	.05	1.9	.1	<.05	3	.7
SBA-SF-01A	1.4	40.0	13.9	88	.1	30.1	17.8	1894	3.97	14.8	1.1	1.6	1.2	21	.4	1.8	.4	40	1.72	.102	11	18.8	.97	152	.018	2	1.13	.007	.06	.2	.06	3.9	.1	.11	3	.8
SBA-SF-01B	1.3	35.9	12.4	63	.1	24.8	18.2	1950	2.87	10.7	1.2	.5	.6	18	.2	1.0	.3	41	.67	.090	10	21.8	.43	191	016	2	1.28	007	.05	.1	.09	3.3	.1	.09	4	.7
SBA-SF-02	1.2	37.9	10.3	97	.1	31.8	15.5	1221	3.34	10.7	.9	2.4	2.2	20	.7	1.3	.3	48	.81	.071	14	24.7	.60	172	.033	2	1.36	.005	.06	.1	.06	5.2	.1	.07	4	1.1
SBA-SF-03	1.1	61.1	14.7	110	.1	35.6	18.0	923	3.68	9.3	1.4	2.8	2.2	23	.7	1.1	.2	76	.96	.067	10	32.1	.83	162	.077	3	1.74	.007	.06	.1	.08	7.3	.1	.07	5	1.3
SBA-SF-04	.5	23.4	8.3	74	.1	23.8	11.6	768	2.26	4.6	.7	1.3	2 6	36	.4	.5	.2	33	.91	.070	12	25.1	.55	165	.028	1	1.27	.008	.05	.2	.05	4.1	.1	.10	3	.8
SBA-SF-05	2.0	29.4	12.6	153	.1	76 7	24.9	863	5.03	5.9	.8	3.9	3.8	131	.6	.6	.1	113	1.62	.288	53	95.3	1.98	383	.138	5	2.07	.015	.11	.1	.04	4.5	.1	<.05	10	.8
SBA-SF-06A	19.4	28.4	11.5	606	.2	161 7	22.1	3259	3.91	8.8	1.7	3.6	3.4	151	10.2	4.2	.1	193	1.53	.386	43	107.7	1.29	1085	.085	4	1.64	011	.08	.1	.06	3.9	.3	.07	7	3.4
SBA-SF-06B	16.1	30.6	11.9	651	.3	175.2	21.9	3979	3.49	8.2	1.7	21.9	2.9	116	12.2	3.1	.1	189	1.32	.296	37	93.4	1.24	859	.076	3	1.45	.013	.08	.1	.08	4.0	.4	.07	7	3.4
SBA-SF-07A	4.5	40.7	10.0	1103	.1	223.5	38.5	1948	6.46	6.0	1.3	1.7	4.0	130	10.8	1.5	.1	198	1.98	.343	58	244.7	3.66	567	.135	3	2.41	.012	13	.1	.03	6.9	.2	.06	13	1.7
SBA-SF-07B	2.8	33.8	6.9	645	.1	150.4	24.6	1240	4.13	4.4	.7	.9	3.2	88	6.8	.7	.1	123	1.30	.212	40	154.9	2.33	493	.117	4	1.77	.013	.10	<.1	.03	5.5	.2	<.05	6	.8
SBA-SF-08	1.9	40.0	14.3	776	.2	83.3	18.6	2976	4.00	9.8	.7	2.8	3.2	66	3.7	.7	.2	52	1.57	.108	18	32.9	.73	346	.039	4	1.42	.012	.06	.1	.09	3.8	.1	.17	4	2.8
SBA-SF-09	2.3	34.5	22.1	141	.3	49 6	11.8	742	2.95	9.2	.7	1.7	2.4	178	1.7	1.9	.3	53	4.87	.063	12	38.1	.96	178	.057	7	1.32	.009	.08	.1	.06	4.9	.4	.09	4	2.8
SBA-SF-10	2.0	39.7	10.7	649	.2	130.3	22.2	1394	4.01	6.1	.8	1.7	3.0	88	7.2	.7	.1	104	1.77	.181	30	123.5	1.92	461	.082	6	1.67	.014	.08	.1	.06	5.9	.1	.16	7	2.7
SBA-SF-11	1.4	21.9	12.1	89	.3	24.5	7.5	349	1.97	7.3	.9	3 0	1.4	83	.6	1.4	.2	28	1.51	.055	11	20.8	.39	143	.011	7	.75	.007	.10	.1	.14	3.0	.2	.16	3	2.6
SBA-SF-12	.6	183.2	8.9	70	.1	28.8	13.1	700	2.19	3.7	1.1	23.4	.8	36	.3	.5	.2	34	.94	.100	15	32 9	.73	116	.043	1	1.45	.015	.06	.1	.04	2.9	.1	.12	4	2.5
SBA-SF-13(KRAFT BAG)	1.1	109.7	8.2	92	.1	35.1	20.1	1716	2.84	4.6	.9	10.7	1.3	39	.3	1.7	.2	33	.95	.086	11	28.6	.87	98	.044	1	1.29	.007	.04	.2	.03	3.1	<.1	.07	4	1.1
SBA-SF-13(COTTON BAG)	.7	277.5	7.5	68	.1	25.6	12.9	1638	2.06	4.1	.8	21.9	.4	28	.5	.9	.2	32	1.06	.106	12	27.8	.66	146	.032	2	1 33	.010	.05	.1	.05	2.2	.1	.13	3	2 2
SBA-SF-15	1.0	124.5	6.4	75	.1	32.9	16.1	864	2.32	2.9	8	16.8	.9	45	.3	.8	.1	25	1.05	.088	10	29.7	.83	81	.036	4	1.14	.009	.04	.1	.10	2.4	<.1	.13	3	4.4
SBA-SF-16	1.7	78.1	9.9	82	.1	43.9	18.5	1051	4.20	5.9	.5	7.7	2.2	38	.4	.5	.2	41	.81	.073	15	46.5	.97	102	.036	1	1 40	.007	03	.1	.04	3.7	< 1	.06	4	1.6
SBA-SF-17	1.3	97.6	11.0	85	.1	33.9	16.1	1387	3.68	6.2	.7	106.4	1.9	52	.6	.9	.2	35	1.07	.070	12	28.7	.76	125	.038	2	1.32	011	.04	.1	.10	3.3	.1	.16	3	3.1
SBA-SF-18	.5	185.6	6.1	62	.1	65.6	18.3	579	2.93	7.8	.4	2 9	2 1	44	.4	.4	1	58	1.38	.059	8	129.0	1.13	137	.058	2	1.55	.012	.04	.1	.02	6.1	.1	.12	3	1.5
STANDARD DS5	12.4	137.3	25.2	138	.3	23.1	11.5	731	3.01	17.6	6.2	42	0	2.7	45	5.3	3.8	6.1	62	.71	.077	11	179.1	.70	134	.092	16	2.09	034	.14	4.9	.19	3.3	1.1	<.05	7	4.9

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data We EA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SBA-SF-19	.5	63.7	4.9	57	.1	44.8	15.7	440	2.36	3.7	.3	16.5	1.5	33	.2	.3	.1	45	.86	.044	7	84.8	.91	112	.047	<1	1.60	.009	.03	.2	.02	3.2	1	<.05	3	1.1
SBA-SF-20A	1.1	94.1	6.5	68	.1	48.5	18.4	623	2.97	7.6	.4	20.6	1.9	42	.5	.6	.1	58	.94	.050	9	104.6	1.01	123	.063	2	1.49	.009	.03	.1	.04	4.0	.2	<.05	3	1.8
SBA-SF-20B	.6	91.7	5.8	59	.1	52.5	18.0	564	2.73	5.9	.4	3.4	1.5	38	.3	.4	.1	58	.85	.050	7	106.8	1.01	116	.056	1	1.54	.008	.03	.1	.03	3.5	.2	<.05	3	1.4
SBA-SF-21	.8	41.5	8.3	74	.1	38.3	11.4	461	2.18	6.8	.6	3.4	2.7	35	.4	.6	.1	43	.66	.074	11	49.6	.65	150	.037	1	1.26	.009	.04	.2	.06	3.3	.1	<.05	3	1.0
SBA-SF-22	1.2	30.2	15.6	106	.1	43.6	13.2	399	2.43	10.3	.9	1.9	5.2	29	.6	1.2	.3	30	.42	.063	15	34.7	.52	194	.012	<1	1.07	.005	.05	.1	.11	2.5	1	<.05	3	1.0
SBA-SR-501	6.7	202.8	18.4	102	.1	35.3	23.6	727	19.48	78.0	.9	19.2	3.5	16	.2	1.2	9.6	114	.16	.163	11	81.0	.41	79	.016	<1	1.61	.004	.03	.1	.02	9.9	.5	<.05	10	11.9
SBA TF-01	1.8	148.2	17.3	116	.1	54.4	24.3	1453	5.49	10.6	1.4	10.1	2.2	41	.4	1.7	.3	39	.66	.104	22	36.2	.89	91	.032	<1	1.50	.006	.06	.1	.05	3.6	.1	<.05	5	1.9
SBA-TF-02	1.4	93.6	17.6	111	.1	42.2	17.6	956	5.17	10.2	.9	8.3	2.4	53	.6	.7	.3	32	1.07	.100	18	31.7	.81	100	.019	<1	1.34	.007	.05	.1	.08	3.7	.1	<.05	3	2.0
SBA-TF-03	1.5	64.0	17.6	104	.1	38.5	19.9	1259	4.91	10.4	1.0	260.5	2.1	47	.4	.2	.3	45	.85	.080	16	35.5	.76	94	.033	3	1.48	.007	.05	.1	.04	3.2	.1	<.05	4	1.3
SBA-TF-04	1.0	58.1	14.2	95	.1	31.0	15.9	846	3.66	7.1	.7	9.4	1.8	50	.5	.9	.2	39	.93	.094	13	28.7	.66	96	.026	1	1.35	.006	.06	.2	.06	2.9	.1	<.05	4	2.3
SBA TF 05	1.3	29.6	16.1	109	.1	43.1	32.1	2266	3.98	11.1	.4	1.6	4.7	53	.4	1.8	.2	28	1.43	.099	18	17.4	.71	84	.018	<1	.82	.003	.05	.1	.01	2.4	<.1	<.05	2	.6
SBA-TF-06	.9	41.3	15.0	101	.1	32.3	21.3	1363	3.27	7.1	.6	5.7	2.4	55	.4	.7	.2	37	1.23	.092	17	23.7	.67	89	.025	1	1.03	.008	.05	.1	.06	3.0	.1	<.05	3	1.3
SBA TF-07	1.2	44.9	15.7	92	.1	46.4	32.7	2106	4.93	10.9	.7	8.2	3.4	40	.4	1.9	.3	44	.66	.092	18	30.3	.71	161	.030	1	1.35	.005	.04	.2	.05	3.7	.1	<.05	4	.8
RE SBA TF-10	1.4	45.8	14.2	103	.1	56.7	19.7	783	4.25	10.4	.8	5.4	3.6	60	.6	1.0	.2	50	.78	.121	18	56.6	.96	147	.042	3	1.37	.006	.06	1	.04	3.3	.1	<.05	4	1.5
SBA-TF-08	1.0	37.8	12.5	93	.1	39.2	20.1	934	3.66	7.6	.5	146.6	3.3	37	.3	.7	.2	49	.61	.093	19	39.1	.77	137	.036	1	1.42	.006	.05	.1	.02	3.1	.1	<.05	4	.7
SBA-TF-09	.9	42.6	12.6	89	.1	48.6	18.7	1569	3.74	9.5	.9	3.3	3.5	58	.6	1.7	.2	39	1.06	.100	17	41.6	.84	135	.044	1	1.23	.010	.06	2	.04	3.5	1	<.05	4	1.0
SBA-TF-10	1.4	42.9	13.3	111	.2	60.2	18.8	791	3.98	10.0	.8	3.2	3.4	56	.5	.9	.2	51	.75	.108	20	55.5	.96	143	.047	2	1.46	.007	.06	1	.06	3.3	1	<.05	4	1.3
SBA-TF-11	1.4	44.5	13.9	110	.2	51.8	18.0	1023	3.39	8.0	1.0	4.3	2.5	64	.6	1.1	.2	49	.91	.106	16	52.3	.80	171	.029	2	1.03	.009	.06	.1	.19	3.6	.1	<.05	4	1.9
SBA-TF-12	5.6	19.6	14.9	204	.1	86.5	26.8	863	6.81	9.4	1.2	1.0	7.1	504	.6	1.9	.1	183	3.99	.958	132	121.5	2.35	512	.078	5	2.17	.026	.21	2	.94	4.5	.3	<.05	17	2.2
SBA-TF-13	14.7	47.7	16.4	783	.3	169.4	24.9	994	5.58	16.5	2.7	1.5	5.0	293	7.1	5.1	.1	326	2.48	.775	85	132.1	2.02	569	.105	7	2.04	.018	.14	.1	.10	4.3	.6	<.05	13	5.2
SBA-TF-14	16.9	59.1	17.4	3347	.4	341.2	19.8	2840	3.54	21.7	1.7	.9	3.0	133	18.7	6.8	.2	285	1.65	.332	36	82.4	1.19	921	.079	6	1.62	.012	.11	2	.16	5.1	.6	<.05	7	7.0
SBA-TF-15	1.0	42.1	12.3	143	.2	49.6	12.6	572	2.79	7.5	.8	1.1	2.7	77	.7	.8	.2	63	1.25	.126	21	55.3	.88	194	.102	8	1.36	.010	.08	.1	.08	5.7	.1	<.05	5	1.9
SBA-TF-16	10.6	62.4	18.7	567	.7	193.0	20.7	3398	3.95	21.0	4.1	4.7	2.7	134	8.6	7.2	.2	293	1.48	.245	25	137.1	1.17	735	.136	6	1.63	.012	.11	.1	.22	4.9	.4	<.05	6	6.0
SBA-TF-17	29.2	71.6	25.9	2593	.3	385.5	67.0	4967	6.90	40.8	4.6	.8	4.1	119	21.7	9.9	.3	307	1.29	.260	29	156.0	1.50	904	.082	6	1.85	.011	.15	1	.11	5.7	.6	<.05	7	6.7
SBA-TF 18	.5	15.3	9.5	71	.1	24.2	11.3	699	2.36	6.2	5	10.3	3.3	26	.2	.6	.1	45	.55	.080	15	30.2	.53	195	.036	2	1.26	.007	.04	.3	.04	3.3	.1	<.05	4	<.5
SBA TF-19	4.6	25.3	9.2	239	.1	113.1	27.8	2282	3.39	7.0	.8	6.4	3.0	57	6.1	1.0	.1	76	.75	.140	20	82.4	.89	237	.053	3	1.55	.007	.08	.1	.12	3.9	.1	<.05	5	3.4
SBA-TF 20	1.2	21.4	8.5	134	.1	52.1	14.7	405	2.96	5.8	6	2.6	3.2	42	.7	.9	.1	59	.67	.115	18	59.5	.66	227	.045	2	1.46	.008	.06	.2	.16	4.2	1	<.05	5	2.0
SBA TF-21	.9	22.3	18.4	183	.1	29.0	7.6	413	1.74	5.9	2.7	3.6	1.6	35	1.7	.9	1	38	3.18	.190	17	21.9	1.65	199	.023	5	.85	.010	.08	.2	.08	2.7	.2	<.05	3	1.3
STANDARD DS5	12.4	144.3	25.4	131	3	23.1	11.7	744	2.86	17.6	6.0	41.1	2.9	46	5.6	3.9	6.2	58	.72	.096	11	184.8	.67	132	.089	18	2.09	.032	.13	4.5	.16	3.5	1.0	<.05	6	4.9

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

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

Ryanwood Exploration Inc. File # A406032 Page 1

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
SBBIF-01	.3	199.3	6.6	64	.1	37.8	15.3	1043	2.01	2.5	.4	19.5	.4	19	.4	.7	.2	32	.85	.078	10	45.4	.75	73	.042	3	1.17	.016	.07	.1	.05	2.7	.1	<.05	3	2.8	30.0
SBBIF-02	.5	259.0	4.7	67	.2	69.8	24.0	823	3.28	4.5	.3	18.1	.8	18	.3	.5	.1	59	.85	.060	7	118.0	1.38	73	.066	2	1.74	.010	.04	.2	.05	5.7	.1	<.05	4	2.1	15.0
SBBIF-03	.4	162.7	5.7	76	.1	53.0	20.9	732	3.05	5.2	.4	8.3	.9	16	.3	.3	.2	51	.56	.072	8	81.5	1.16	83	.055	2	1.60	.008	.04	.2	.04	4.2	.1	<.05	4	.6	30.0
SBBIF-04	.8	98.4	2.9	54	.1	38.0	13.7	600	1.76	1.8	.8	2.8	.3	36	.4	.5	.1	27	1.45	.084	6	54.7	.78	116	.027	4	1.06	.011	.05	.1	.06	2.0	<.1	.06	2	1.8	15.0
SBBIF-05	2.5	122.7	36.3	142	.2	113.9	33.4	1585	11.05	59.2	.7	13.1	6.6	27	1.2	1.8	.5	31	.64	.065	17	25.5	1.13	39	.010	<1	1.65	.009	.04	.1	.12	5.2	.2	.12	4	4.3	30.0
SBBIF-06	2.1	106.6	23.8	159	.1	200.7	77.2	4199	9.51	33.0	.7	7.4	5.1	55	2.4	1.1	.3	41	1.10	.102	17	56.9	1.42	74	.045	2	1.63	.008	.10	.1	.07	4.2	.2	.09	5	2.6	15.0
SBBIF-07	1.5	123.9	10.4	97	.1	67.2	26.4	2206	7.11	11.7	.3	62.4	2.7	49	.4	.4	.2	57	1.95	.112	15	72.2	2.13	148	.057	1	1.76	.006	.07	.1	.02	5.3	.1	<.05	5	1.8	15.0
SBBIF-08	.6	45.2	19.1	93	.1	42.3	19.1	1172	3.84	8.7	.7	4.3	3.9	135	.2	.4	.2	37	3.86	.127	17	47.0	1.37	72	.053	2	1.24	.010	.09	.1	.05	3.4	.1	<.05	4	.9	30.0
SBBIF-09	2.3	103.5	22.1	139	.1	133.6	51.3	2652	10.12	33.3	1.5	7.3	5.2	59	1.4	1.0	.4	42	1.23	.092	13	54.4	1.47	73	.040	1	1.54	.007	.06	.1	.07	3.9	.1	.14	5	2.7	15.0
SBBIF-10	1.8	88.6	18.9	126	.1	107.6	40.5	1990	8.67	28.5	1.3	8.4	4.8	61	1.2	.8	.3	41	1.17	.098	14	51.1	1.32	61	.049	2	1.40	.006	.05	.1	.06	3.8	.1	.08	5	2.3	30.0
SBBIF-11	1.6	64.1	15.6	108	.1	82.9	34.4	2279	7.18	19.4	1.0	5.2	4.4	64	.9	.7	.2	36	1.32	.098	14	44.4	1.23	70	.037	1	1.30	.005	.05	.1	.05	3.3	.1	<.05	4	1.7	15.0
SBBIF-13	1.7	55.5	13.4	103	.1	66.1	26.0	1442	6.44	15.6	.8	3.1	4.1	51	.5	.6	.2	41	1.06	.093	13	46.1	1.16	59	.051	2	1.23	.005	.04	.1	.04	3.4	.1	<.05	4	1.4	15.0
SBBIF-14	.6	58.4	6.0	73	.1	43.6	14.7	544	2.77	4.8	.4	8.2	.6	14	.2	.2	.1	51	.39	.056	7	69.2	.88	104	.038	1	1.60	.008	.03	.1	.03	2.9	.1	<.05	4	<.5	30.0
SBBIF-15	.5	45.3	8.3	85	.1	41.8	14.8	652	2.96	5.3	1.1	1.8	1.1	47	.3	.3	.1	45	.68	.065	11	60.3	.79	97	.048	1	1.50	.007	.03	.1	.03	3.4	.1	<.05	4	.9	30.0
SBBIF-16	.6	30.0	11.0	82	.1	36.3	16.5	814	3.78	7.1	.6	1.9	2.6	38	.2	.4	.1	45	.62	.076	13	44.7	.84	82	.041	2	1.27	.005	.03	.1	.02	3.4	.1	<.05	4	.7	30.0
SBBIF-18	1.4	24.9	12.2	55	.1	25.9	11.9	1051	3.08	12.7	.5	1.3	4.2	34	.2	1.2	.2	22	.77	.084	12	15.1	.42	90	.014	1	.61	.005	.03	.1	.05	2.6	.1	<.05	2	.6	30.0
RE SBBIF-18	1.3	25.5	12.4	57	.1	27.9	12.3	1090	3.20	13.1	.5	1.0	4.2	34	.2	1.3	.2	23	.79	.086	13	15.9	.43	92	.016	1	.63	.006	.03	.1	.05	2.8	.1	<.05	2	.7	30.0
SBBIF-19	.8	39.1	16.6	95	.3	22.5	12.6	1079	2.82	16.1	.6	6.7	1.5	38	.4	2.4	.2	27	2.10	.104	13	17.4	.75	88	.014	3	.79	.010	.05	.2	.13	3.6	.1	.08	2	1.0	30.0
SBBIF-20	.8	29.8	15.9	56	.3	20.3	11.7	1145	2.84	17.9	.4	3.0	1.5	42	.2	2.1	.2	24	3.73	.093	12	15.2	1.55	76	.014	3	.60	.010	.04	.1	.11	3.7	.1	<.05	2	1.0	30.0
SBBIF-21	.5	21.7	12.4	57	.1	23.5	10.7	562	2.58	14.1	.4	3.7	1.4	25	.2	1.5	.2	28	.99	.075	11	27.7	.46	91	.020	3	.72	.010	.05	.2	.08	3.0	.1	.07	2	.7	30.0
SBB-ML-01	1.0	218.8	7.0	78	.1	46.6	17.6	897	2.67	3.6	.4	10.7	1.1	19	.3	.3	.2	40	.65	.074	12	58.7	.94	100	.048	2	1.46	.011	.04	.2	.04	3.7	.1	<.05	4	1.1	15.0
SBB-ML-02	1.3	136.7	5.4	75	.1	57.6	20.3	912	2.87	2.5	.2	56.0	.9	15	.2	.3	.1	40	.58	.056	7	85.8	1.16	62	.067	4	1.47	.007	.04	.1	.04	3.3	<.1	<.05	3	1.6	7.5
SBB-ML-03	1.2	117.3	3.8	69	<.1	64.3	22.4	798	2.91	5.4	.2	5.3	.8	15	.2	.3	.1	47	.53	.046	5	112.3	1.36	50	.077	3	1.56	.006	.03	.1	.02	3.2	<.1	<.05	3	1.3	7.5
SBB-ML-04	1.2	53.6	14.0	99	.1	77.9	32.4	1270	5.63	9.9	.4	70.7	3.1	50	.2	.2	.2	78	.74	.120	18	118.6	1.76	109	.096	1	2.20	.007	.10	.1	.01	4.6	.1	<.05	7	.9	30.0
SBB-ML-05	.6	146.4	7.8	86	.1	77.8	25.3	851	3.39	5.9	.3	7.4	1.1	27	.4	.3	.1	62	.77	.057	7	125.3	1.48	90	.093	2	1.76	.005	.03	.1	.04	4.3	.1	<.05	4	2.1	30.0
SBB-ML-06	.9	131.6	9.4	82	.1	81.2	25.3	865	3.80	11.5	.6	1.5	1.3	35	.2	.3	.1	66	1.15	.064	9	128.7	1.43	113	.067	3	1.86	.008	.05	.1	.04	5.0	.1	<.05	4	1.3	15.0
SBB-ML-07	.5	26.1	13.6	94	.1	52.4	14.5	812	2.59	7.4	.9	1.7	3.9	67	.4	.6	.2	32	.92	.071	14	38.4	.70	259	.009	2	1.20	.008	.06	.1	.07	3.2	.1	<.05	4	.8	30.0
SBB-ML-08	.9	63.0	16.0	115	.1	75.1	19.1	805	3.34	10.7	.7	1.9	4.8	43	.6	.9	.3	44	.90	.072	15	61.3	.95	148	.017	2	1.42	.005	.06	.1	.04	3.6	.1	<.05	5	1.3	30.0
SBB-ML-09	.2	147.8	3.5	75	<.1	95.4	31.1	762	3.83	2.4	.1	5.8	.8	16	.2	.1	.1	72	.73	.036	3	184.0	1.81	40	.120	1	2.09	.006	.02	.1	.01	5.0	<.1	<.05	4	.5	30.0
SBB-ML-10	.2	322.6	3.4	70	.1	91.7	28.3	756	3.38	3.1	.1	3.4	.4	18	.5	.2	.1	64	.96	.036	2	178.2	1.65	56	.098	3	1.87	.005	.02	.1	.03	4.3	.1	<.05	3	1.8	30.0
SBB-ML-11	.2	145.8	2.8	64	.1	92.8	27.0	648	3.38	2.5	.1	2.6	.4	16	.2	.1	<.1	62	.73	.032	2	171.0	1.67	95	.096	3	1.91	.004	.02	.1	.01	4.4	<.1	<.05	3	<.5	30.0
SBB-ML-12	1.5	86.8	9.7	97	.1	51.5	19.7	1222	5.50	4.6	1.0	6.3	1.7	59	.5	.3	.2	46	1.29	.098	10	69.8	1.11	86	.035	3	1.37	.007	.07	.1	.05	3.8	.1	<.05	4	1.7	15.0
SBB-ML-13	.8	32.9	9.6	66	.1	29.0	12.8	753	2.95	7.3	.6	14.7	2.5	77	.3	.5	.1	43	1.82	.084	15	32.7	.68	105	.051	3	1.04	.014	.05	.3	.05	3.2	.1	<.05	3	1.2	30.0
SBB-ML-14	.7	58.4	12.3	95	.1	49.3	18.8	760	3.83	8.0	.5	7.3	2.4	44	.3	.4	.1	50	.92	.076	14	71.0	.98	90	.056	2	1.33	.008	.04	.1	.04	3.5	.1	<.05	4	1.3	30.0
STANDARD DS5	12.5	139.9	25.7	136	.3	24.2	11.7	786	3.03	17.7	6.1	43.0	2.7	46	5.6	4.0	6.3	60	.70	.088	12	187.9	.68	133	.105	17	1.95	.034	.13	5.1	.19	3.3	1.2	<.05	6	4.9	30.0

GROUP 1DX - 30.0 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: SEP 24 2004 DATE REPORT MAILED: Oct. 26/04

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
SBB-ML-15	.6	65.7	11.2	85	.1	42.3	15.4	568	3.06	6.3	.5	5.3	2.2	44	.5	.4	.1	44	1.05	.072	12	62.5	.86	97	.043	3	1.24	.008	.04	.1	.05	3.2	.1	<.05	3	1.6	30.0
SBB-ML-16	1.0	226.6	6.0	78	.1	95.3	30.6	722	3.00	3.5	.2	86.4	.6	19	.5	.2	.1	56	1.25	.054	4	174.1	1.58	136	.067	3	1.74	.007	.03	.1	.04	4.5	.2	.06	3	.8	15.0
SBB-ML-17	.8	535.6	6.9	66	.2	97.8	32.9	833	2.79	4.7	.3	7.0	.4	23	.6	.4	<.1	55	1.67	.065	2	170.3	1.50	159	.063	5	1.66	.008	.02	.1	.11	4.9	.4	.08	3	4.2	15.0
SBB-SF-01	2.9	198.1	38.2	255	.3	159.6	52.2	2018	11.95	66.8	4.8	14.4	4.0	98	2.1	2.7	.6	27	1.71	.076	8	25.8	1.01	35	.003	1	1.21	.008	.05	<.1	.09	5.6	.1	.18	3	3.4	15.0
SBB-SF-02	1.1	100.1	30.3	136	.2	137.9	39.1	1442	4.80	13.1	1.2	3.1	3.7	124	.7	.9	.3	63	1.41	.109	19	125.3	1.68	66	.062	3	1.79	.010	.10	.1	.07	5.2	.1	.10	6	1.4	30.0
SBB-SF-03	2.0	104.5	54.3	239	.2	85.8	36.1	1873	5.69	34.2	.9	4.0	7.1	87	.5	2.6	.5	23	1.79	.117	14	49.2	1.41	45	.017	2	.97	.006	.06	<.1	.09	3.8	.1	.09	3	1.4	30.0
SBB-SF-04	1.8	68.7	31.7	182	.2	61.5	21.8	906	4.76	17.4	.9	4.3	4.1	130	.8	1.5	.3	30	2.32	.090	14	42.7	1.02	76	.025	5	1.09	.007	.06	.1	.08	3.9	.1	.10	3	1.2	30.0
SBB-SF-05	.6	25.1	16.4	94	.1	30.7	13.3	566	2.76	7.1	1.1	2.4	3.7	141	.3	1.0	.1	32	2.25	.227	21	38.8	.90	96	.029	3	1.23	.007	.05	.2	.04	2.5	.1	.06	4	.9	30.0
SBB-SF-06	1.5	66.1	12.6	90	.1	41.4	17.3	1078	3.27	5.5	.5	26.7	2.4	77	.3	.5	.2	33	1.52	.075	12	33.9	.86	109	.047	5	1.23	.008	.04	.1	.06	3.0	.1	<.05	4	1.5	15.0
SBB-SF-07	1.7	55.3	22.5	127	.1	47.3	18.2	1888	3.70	11.2	1.4	9.6	3.4	136	.6	.9	.3	30	2.14	.141	17	42.8	.96	123	.026	3	1.16	.008	.05	.1	.06	3.2	.1	.08	3	2.1	15.0
SBB-SF-08	1.0	58.3	17.6	106	.1	43.7	17.4	937	3.60	9.3	.9	11.9	3.4	110	.4	.8	.2	32	1.74	.126	17	40.4	.92	95	.033	1	1.18	.008	.05	.1	.06	3.1	.1	<.05	3	1.4	30.0
SBB-SF-09	.9	65.6	11.7	79	.1	106.7	27.4	1050	4.40	6.0	.6	110.5	3.1	96	.3	.5	.1	66	1.71	.101	15	134.6	1.76	75	.130	3	1.87	.008	.09	.1	.04	4.2	.1	.08	6	1.2	30.0
SBB-SF-10	1.2	66.2	18.1	107	.1	49.6	19.0	880	3.84	10.0	.8	7.2	3.4	98	.3	.6	.2	38	1.48	.107	15	54.3	1.01	94	.031	3	1.28	.007	.05	.1	.06	3.3	.1	<.05	4	1.3	7.5
RE SBB-SF-10	1.1	63.9	18.5	104	.1	47.9	17.9	850	3.74	9.3	.8	7.5	3.1	97	.3	.7	.2	39	1.48	.105	16	53.4	1.00	94	.044	2	1.28	.008	.05	.1	.06	3.4	.1	<.05	4	1.5	7.5
SBB-SF-11	1.1	64.7	14.5	104	.1	60.8	20.3	1051	3.75	8.7	.8	8.7	3.2	90	.4	.6	.2	46	1.36	.098	16	69.2	1.12	99	.064	2	1.42	.008	.06	.1	.04	3.6	.1	.06	4	1.6	30.0
SBB-SF-12	.7	68.3	8.3	70	.1	45.7	16.2	627	3.06	4.9	.5	7.2	2.6	60	.2	.3	.2	47	.98	.073	16	59.5	.92	194	.067	2	1.63	.011	.05	.1	.05	3.9	.1	<.05	5	2.3	30.0
SBB-SF-13	1.2	46.5	20.5	105	.1	127.1	31.7	1059	5.29	12.3	.4	3.6	4.2	87	.2	.7	.2	80	1.15	.130	20	224.4	2.10	100	.080	1	1.97	.006	.13	.1	.01	6.8	.2	<.05	7	.6	30.0
SBB-SF-14	1.5	53.9	19.3	111	.1	109.5	30.3	1029	4.92	13.5	.6	4.8	4.4	92	.4	.8	.2	68	1.30	.130	21	188.4	1.92	88	.080	1	1.87	.007	.10	.1	.02	5.9	.1	<.05	6	1.2	30.0
SBB-SF-15	1.3	27.7	16.7	119	.1	104.0	18.5	854	3.30	10.4	1.0	1.8	7.2	35	.4	1.0	.3	31	.55	.077	19	52.2	.75	160	.006	1	1.23	.006	.08	.1	.07	3.6	.1	<.05	5	.7	15.0
SBB-SF-16	1.2	45.1	16.5	111	.1	88.6	24.9	1404	4.96	10.5	.8	5.3	4.7	76	.3	.7	.2	54	.98	.108	18	114.4	1.35	177	.055	3	1.49	.007	.07	.1	.04	4.5	.1	<.05	5	1.0	30.0
SBB-SF-17	.6	19.7	12.5	72	.1	25.7	11.2	483	1.82	9.0	1.2	1.5	7.0	32	.4	.6	.3	17	.39	.036	21	22.0	.41	91	.015	1	.73	.004	.04	.1	.03	1.6	.1	<.05	2	.5	30.0
SBB-SF-18	.9	85.2	31.6	182	.2	44.8	18.2	882	4.04	6.6	.6	4.7	7.0	51	.5	.9	.2	36	1.02	.189	31	38.7	1.69	84	.052	1	1.80	.005	.19	<.1	.04	4.5	.2	<.05	5	.9	30.0
SBB-SF-19	1.1	74.9	15.2	112	.1	46.1	22.8	1080	5.19	9.6	.7	5.7	3.6	76	.2	.8	.2	55	1.32	.137	20	60.8	1.29	111	.057	1	1.67	.009	.08	.1	.05	4.6	.1	<.05	5	1.2	30.0
SBB-SF-20	.7	42.1	19.7	118	.1	28.6	14.4	482	3.54	7.8	.8	3.5	3.3	57	.3	.5	.3	31	1.26	.104	17	27.5	.70	70	.022	2	1.10	.008	.05	.1	.06	3.4	.1	.12	3	1.3	30.0
SBB-SF-21	1.0	47.4	17.2	100	.1	35.1	18.8	953	4.65	9.9	.6	3.4	4.0	72	.4	.8	.2	33	2.16	.103	16	35.7	1.05	65	.032	1	1.07	.005	.05	.1	.04	3.1	.1	.08	3	1.0	30.0
SBB-SF-22	.7	31.8	14.7	111	.1	22.5	12.2	721	2.82	9.7	.6	3.7	1.9	32	.5	.7	.2	36	1.13	.094	17	20.9	.54	82	.024	1	1.05	.010	.06	.1	.06	3.3	.1	.06	3	.8	30.0
SBB-SF-23	.5	28.3	11.5	79	.1	20.5	11.4	800	2.64	12.0	.8	3.0	2.2	34	.3	.8	.2	36	1.04	.088	15	21.4	.59	82	.027	2	1.00	.010	.05	.2	.06	3.2	.1	.07	3	.7	30.0
SBB-SF-24	.9	42.1	10.3	81	.1	28.0	18.6	790	3.67	9.8	.5	4.1	2.8	28	.3	.6	.2	76	.98	.078	12	28.7	.86	78	.070	2	1.39	.007	.04	.2	.05	5.0	.1	<.05	4	1.0	30.0
SBB-SF-25	.7	31.0	8.7	57	.1	19.8	9.8	939	2.31	11.6	.7	1.2	1.0	32	.3	1.4	.2	29	4.74	.097	9	20.6	2.25	103	.018	4	.82	.009	.07	.1	.10	2.8	.1	.14	2	1.0	30.0
SB4829SS01	1.2	41.3	20.5	128	.1	53.0	21.4	1513	3.79	10.4	1.1	2.6	3.9	134	.7	1.0	.2	33	1.90	.172	19	43.2	.99	112	.032	2	1.24	.010	.06	.1	.08	3.1	.1	.10	3	1.5	30.0
SB4829SS02	.7	68.7	9.3	75	.1	29.5	12.5	860	2.45	4.8	.6	31.3	1.8	65	.4	.5	.1	31	1.53	.076	12	25.9	.67	109	.035	3	1.15	.012	.05	.1	.07	2.8	<.1	.09	3	2.0	15.0
SB4829SS03	.9	63.3	13.5	102	.1	52.1	20.5	1419	3.40	7.4	.7	13.1	2.8	93	.5	.5	.2	41	1.40	.095	14	57.7	.98	104	.050	2	1.31	.009	.05	.1	.05	3.3	.1	.09	4	2.0	30.0
STANDARD DS5	12.4	144.2	25.2	137	.3	24.5	11.9	795	2.98	17.9	6.1	44.0	2.9	47	5.4	4.0	6.0	62	.72	.087	12	187.0	.67	134	.103	18	2.04	.034	.14	5.0	.18	3.4	1.1	<.05	6	5.2	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA