Rimfire Minerals Corporation

2003 TECHNICAL REPORT ON THE TILLEI PROJECT

Located in the Watson Lake Mining District
NTS 105H/14
61° 51' North Latitude
129° 10' West Longitude

-prepared for-
YUKON MINING INCENTIVES PROGRAM
ENERGY, MINES and RESOURCES
GOVERNMENT OF YUKON
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2003 TECHNICAL REPORT ON THE TILLEI PROJECT

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1.0 INTRODUCTION

The Tillei Project target area was selected for its potential for hosting plutonic-related Au mineralization similar to that found in the western and northern portions of the Tintina Gold Province (TGP). The targetarea is host to some of the most prolific Cretaceous magmatism in the TGP and the Regional Geochemical Survey (RGS) data shows that the target area constitutes one of the largest gold anomalies within Hyland Group rocks. The combination of an extensive skarn system, a large area of anomalous Au-Ag-As-Cu-Pb in silt, Cretaceous granitoid rocks intruding reactive lithologies and the fact that gold geochemistry has in large part not been tested, provide a strong basis for evaluation of the Tillei target. The program had two main objectives: first, investigate known mineral occurrences and sample these showings for gold content; and second, to silt sample and prospect anomalous drainages in an attempt to better isolate areas of highest potential. Equity Engineering Ltd. (Equity) was contracted by Rimfire Minerals Corporation (Rimfire) to complete a four-day, three-man fly camp-based program of prospecting, silt and soil sampling, and mapping in June of 2003 and to report on the results.

2.0 PROPERTY TITLE

At the beginning of the program there were no active claims in the area of interest. After the completion of the field work, Rimfire staked a 4 unit claim block (TIL 1-4) to cover the source area of mineralized float discovered during Phase I field work (Figure 2).

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Tillei Target area lies in the Logan Mountains in southeast Yukon, approximately 160 km east of Ross River (Figure 1). The project area is in the Watson Lake Mining District, centred at latitude 61° 51' N and longitude 129° 10' W. The Robert Campbell Highway passes the Tillei at its nearest point 50 km to the southwest. The Nahanni Range road that passes between Tungsten and Tuchitua passes 30 km to the east (Figure 1).

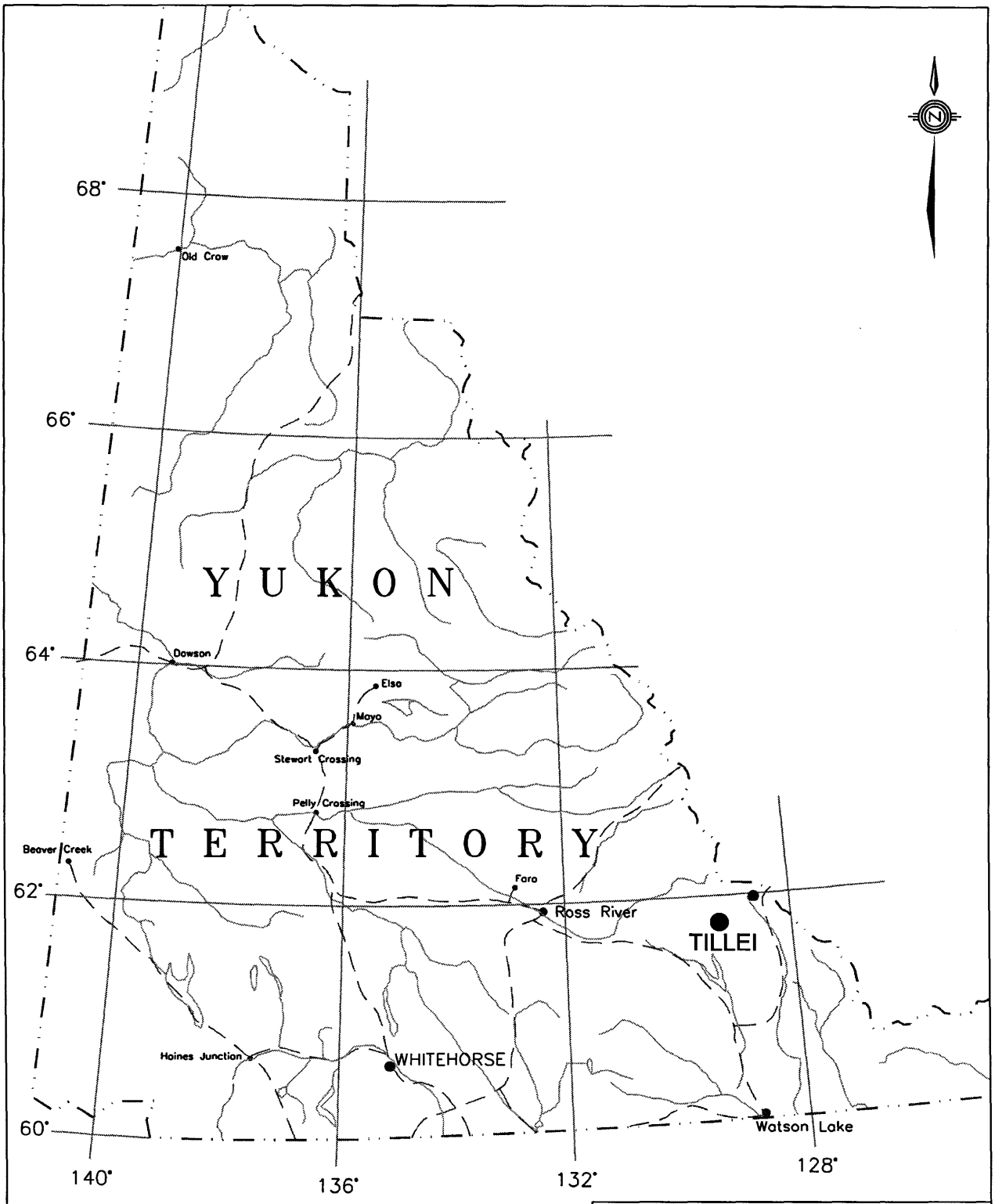
Access to the project area is via helicopter based at Watson Lake or Ross River. Crew and supplies were ferried from a staging point on the Robert Campbell Highway at the Frances Lake Campground, located ~60 km to the southwest, to a centrally located camp.

Topography is steep with elevations ranging from 900 metres in the valley bottoms to over 2100 metres on the most prominent peaks. Treeline is mapped at approximately 1500 metres on NTS maps and most of the area worked was in the alpine or subalpine with mostly grassy vegetation. Vegetation near and below treeline consists mostly of short, dense juniper and spruce. The Tillei is subject to a northern continental climate with short, warm summers and cold, dry winters.

4.0 EXPLORATION HISTORY

Most previous exploration in the Tillei Project vicinity dates from the late 1960's and 1970's. These efforts focused on locating skarn mineralization and lead to the discovery of the numerous base metal and Mo-W skarn occurrences. The most extensive work was done on the WOAH occurrence (Minfile 105H-072), located in the southwest of the project area. RIOCANEX carried out rock sampling and drilled 191 m (4 holes) on behalf of Welcome North Mines Ltd. in 1979.

The most recent documented exploration was carried out by Klondike Gold Ltd. (under option) in 1996, who drilled 450 m (7 holes) on the Primo claims located ~15 km to the NW of the Tillei project area. Evidence of recent exploration activity, including faded flagging tape, metal sample tags, and Tyvek sample tags, was found at several localities within the 'Camp' valley.

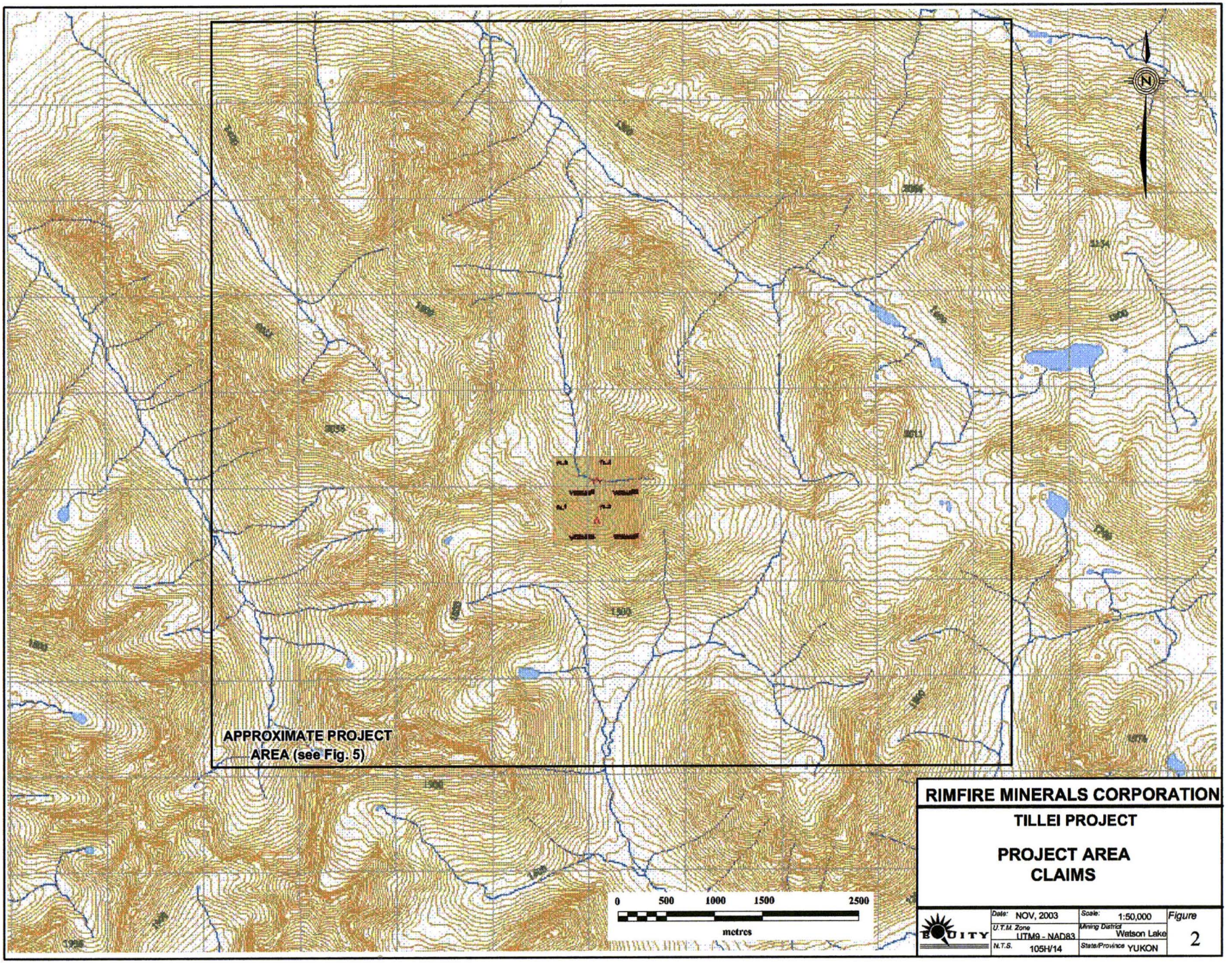


RIMFIRE MINERALS CORPORATION

TILLEI PROJECT

LOCATION MAP

EQUITY	Date: NOV 2003	Scale: 1:5,000,000	Figure: 1
	U.T.M. Zone: UTM	Mining District: WHITEHORSE	
	N.T.S.: 105H/14	State/Province: YUKON	



RIMFIRE MINERALS CORPORATION

TILLEI PROJECT

PROJECT AREA
CLAIMS

EQUITY	Date: NOV, 2003	Scale: 1:50,000	Figure
	U.T.M. Zone: UTM9 - NAD83	Mining District: Watson Lake	2
	N.T.S.: 105H/14	State/Province: YUKON	

5.0 EXPLORATION PROGRAM

Two phases of exploration were carried out on the Tillei project during the 2003 field season. For each campaign, a magnetic declination of 30° E was used for all compass measurements. Structural measurements are reported as strike and dip (right hand rule). All maps and UTM coordinates are referenced to the 1983 North American Datum (NAD-83). Rock and silt sample sites were marked by pink and blue flagging and aluminum tags. Soil sample sites were marked by orange and blue flagging and Tyvek tags. All samples were shipped from Watson Lake to Vancouver via Greyhound Courier Express, and analyzed by ALS Chemex Laboratories of Vancouver (Appendix C). Locations for all 2003 silt, soil and rock samples are plotted on Figure 4.

During the first phase, a total of four days were spent in the project area prospecting, mapping, rock sampling, silt sampling, and soil sampling. The three-person crew consisted of a geologist, a prospector, and a sampler. A total of 12 rock samples, mostly float, were collected and submitted for analysis. Descriptions of the rock samples are attached in Appendix B. A total of 115 soil samples were collected along two contour soil lines. The soil lines are located on either side of the main 'Camp' valley. Fifty-one silt samples were collected from drainages, mostly accessible from the camp. Seven of these silt samples were sieved to -30 mesh in the field in order to evaluate different sampling and analytical procedures in this mountainous physiography (results discussed later). During demobilization, the helicopter was used to sample more remote drainages, as well as to provide access for a brief examination of the Primo occurrence (Minfile 105H-50; assess. rep. ref. #093724), located approximately 15 km to the northwest. An additional 6 rock samples, from both old drill core and outcrop, plus 2 stream sediment samples were collected during the visit.

The property was revisited late in the season by a two-person crew to follow-up the results from Phase I. The crew consisted of one geologist from Rimfire and one geologist from Equity. A total of one day was spent mapping and prospecting select areas and an additional 18 rock samples were collected and submitted for analysis. Upon completion, four units (Til 1-4) were staked to cover the main area of interest.

6.0 REGIONAL GEOLOGY

The Tillei project area is situated within the eastern Tintina Gold Province. The TGP is an arcuate belt of Early to mid-Cretaceous intrusive rocks and associated Au-rich mineral deposits and occurrences which extends from east-central Alaska into the southwestern Northwest Territories (Smith, 2000). The project area covers a trough of Hyland Group sediments (Selwyn Basin) intruded by the Tillei Lake batholith to the south and what is inferred to be the northwestern extension of the Shannon Creek pluton to the north (both names are informal). The Hyland Group consists mostly of turbiditic sandstones, siltstones, deep water limestones, shale, and chert (Gordey and Anderson, 1993). Historically, intrusions in southeastern Yukon and southwestern Northwest Territories have been collectively referred to as the Selwyn Plutonic suite. However, more recently, several discrete plutonic suites have been recognized. The ~110 Ma Tillei Lake batholith is considered part of the Anvil plutonic suite and the ~97 Ma Shannon Creek pluton is considered part of the Tay River plutonic suite.

7.0 PROPERTY GEOLOGY

7.1 Lithology

Work on the Tillei project was concentrated in the north-south trending 'Camp' valley. The valley is underlain by a homoclinal, moderate northeast-dipping sequence of phyllites, phyllitic argillites, quartzites, and abundant quartz±diopside±biotite±chlorite±calcite hornfels. The southwest side of the valley is essentially a dip slope and major fold-related (?) fault structures cut the foliation at a high angle. The package is intruded by a variety of feldspar±quartz±biotite±hornblende porphyries,

which are presumably satellitic dykes and marginal phases of the Tillei Lake batholith. Much of this porphyritic material was found in float in the cirque talus. An important feature in the cirque is a prominent rock glacier / mass flow that extends up to the southwest head of the cirque. This rock glacier at the south end of the valley is the source of most of the mineralized float. Local stockwork quartz veining is common in the northeast portion of the valley, particularly in more brittle lithologies such as hornfelsed and sandstone units. Tensional chlorite veinlets locally cut alteration and quartz veining.

7.2 Mineralization

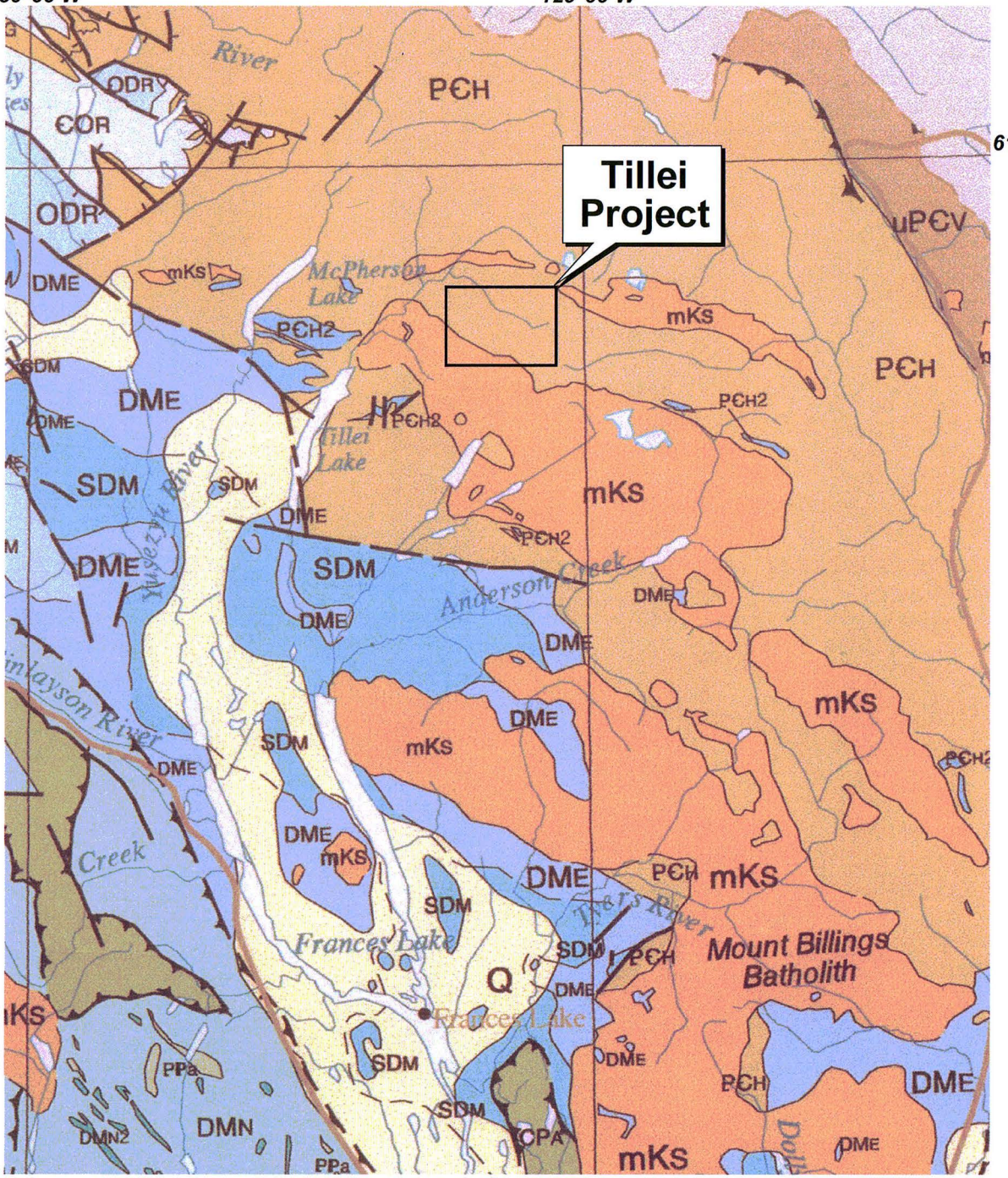
During the first visit to the property a single rock sample (#275314) returned significant Au (4.58 g/t). The sample was from a slab-like boulder (roughly 30-40 cm by 100 cm) of gossanous biotite-chlorite hornfels with pyrite and pyrrhotite up to ~20% by volume. The sample also contained high values of Ag (1.01 ppm), Bi (286 ppm), Te (14.8 ppm), and W (490 ppm). This sample was found on top of, but near the toe of a rock glacier in the cirque at the southwest end of the valley. The boulder was re-sampled during the second visit to the project area and again returned significant Au (sample #560640 - 3.04 g/t). There are similar, but less well mineralized boulders over a 3 by 4 metre area, presumably all from the same source. Disseminated pyrrhotite with trace chalcopyrite is ubiquitous in the rock glacier primarily within the hornfels and quartzite units, but return low Au values.

Bull quartz veins ranging from 15 – 100 cm occur in float and outcrop. Most are barren of sulphides, however, a few have 2-3% pyrrhotite and rarely 10-20% pyrrhotite with minor chalcopyrite. Strongly gossanous phyllite and hornfels cut by pyrrhotite-bearing quartz veins outcrop at the head of the rock glacier. This mineralized zone is marginal to outcropping quartz-feldspar-biotite porphyry and appears to be localized in a shallowly southeast-plunging fold hinge.

The six rock samples and two silt samples collected from the Primo occurrence contained no significant Au mineralization. One sample (#275315), taken from stockpiled core, returned 2.97 ppm Ag, 1740 ppm Cu, and 4.17% Zn over 40 cm.

Table 7.2.1
2003 Rock Sample Results

SAMPLE	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Cu (ppm)	Mo (ppm)	Te (ppm)	W (ppm)	Zn (ppm)
275267	< .005	0.14	14.4	0.19	14.4	1.11	0.02	0.11	130
275310	0.008	1.5	0.3	12.45	1010	31.9	0.85	490	160
275311	< .005	0.02	< 0.1	0.58	3.5	34.2	0.01	25.9	7
275312	< .005	0.25	0.1	1.49	137	8.71	0.12	7.28	29
275314	4.58	1.01	0.4	286	356	2.2	14.8	113.5	17
275315	0.014	2.97	5.5	96.9	1740	0.66	0.18	7.55	4.17%
275318	< .005	0.15	3.2	1.84	50.3	0.31	0.01	0.41	793
275319	< .005	0.94	78.9	57.3	251	0.76	0.04	0.77	459
275320	< .005	0.91	8.5	108	1880	0.8	0.06	0.57	53
275321	< .005	2.42	1.8	24.7	398	0.42	< 0.01	0.58	9
560640	3.04	0.7	1	207	228	2	N.A.	20	3
560641	0.382	0.2	1	22	75	4	N.A.	30	50



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0 25 km

RIMFIRE MINERALS CORPORATION

TILLEI PROJECT

REGIONAL GEOLOGY

EQUITY	Date NOV 2003	Scale as shown	Figure
	UTM Zone UTM 7	Mining District Watson Lake	3
	NTS 105H/14	State/Prov. YUKON	

LITHOLOGIC LEGEND (to accompany Figure 3)

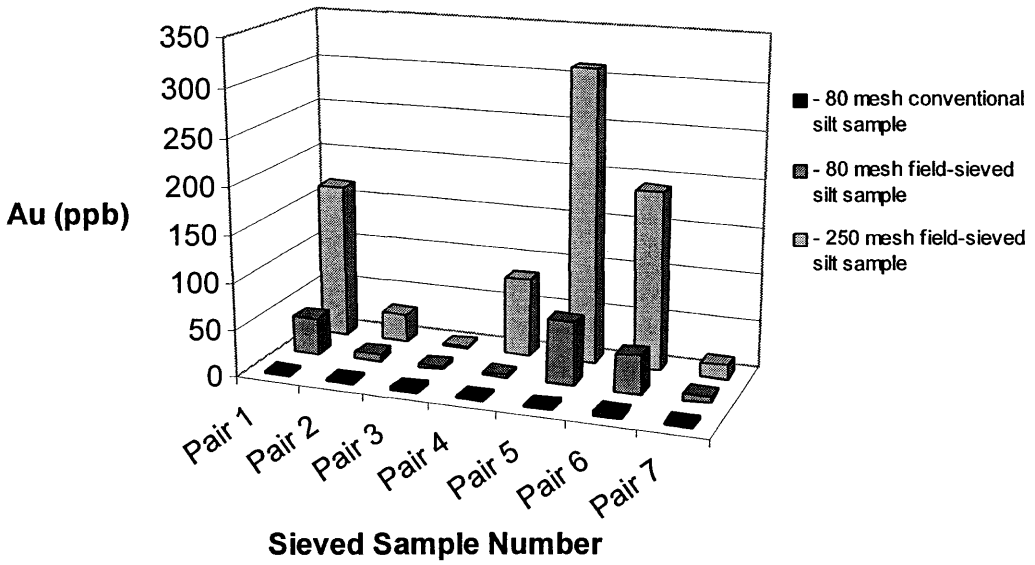
	QUATERNARY
Q	***QUATERNARY:*** unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluviatile silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits
NA (North America)	**MID-CRETACEOUS**
mKS	***SELWYN SUITE:*** plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary
	DEVONIAN AND MISSISSIPPIAN
DME	***EARN:*** complex assemblage of submarine fan and channel deposits (1), (5) within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common, and many occurrences of stratiform Pb-Zn
	SILURIAN TO MIDDLE DEVONIAN
PMm	***MCEVOY:*** buff, platy siltstone (1) overlain by carbonate and quartzite
	ORDOVICIAN TO LOWER DEVONIAN
ODR	***ROAD RIVER – SELWYN:*** black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4
	UPPER CAMBRIAN AND ORDOVICIAN
COR	***RABBITKETTLE:*** basinal limestone (1) that may locally include older and younger basinal pelitic strata undivided (2)
	UPPER PROTEROZOIC TO LOWER CAMBRIAN
PCH **PCH(2)**	***HYLAND:*** consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger units (4); includes scattered mafic volcanic rocks (5)
YT (Yukon Tanana)	**PROTEROZOIC AND PALEOZOIC**
PPa	***AMPHIBOLITE:*** metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association; i.e.) may belong in part or entirely to Nisling, Nasina, and Slide Mountain assemblages and (3), mafic-ultramafic intrusions within Nasina assemblage
	DEVONIAN, MISSISSIPPIAN AND (?) OLDER
DMN	***NASINA:*** graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and (?) (6) with interspersed marble (2) and probable correlative successions (7) – (9); eclogite occurrences (10)

* from Gordey and Makepeace, 2001

8.0 SILT GEOCHEMISTRY

A total of 44 conventional (grab) silt samples were taken from drainages throughout the project area. At seven sites within the main 'Camp' valley, a second fine sediment silt sample (field-sieved to -30 mesh or 500 µm) was collected for comparison. The –80 mesh fraction from each sample and the –250 mesh fraction from the field-sieved sample were analysed for gold (30 g Fire Assay-Atomic Absorption Spectroscopy Combination) plus a multi-element suite (Inductively Coupled Plasma Mass Spectroscopy). A graphical comparative analysis of Au values is presented in Figure 4. Five of the seven sample pairs show dramatic differences in Au content between the three analysed fractions. On average the –250 mesh fraction from the field-sieved sample returned Au values 7 to 8 times higher than the –80 mesh fraction from the field-sieved samples and over 40 times higher than the conventional grab silt samples. All seven grab silt samples returned Au values at or below detection.

Figure 4
Conventional silt (-80) versus field-sieved silt (-80 and –250) comparison



For most elements of interest (Au, As, Cu, Pb, and Zn), the 98th, 95th, 85th, and 70th percentiles calculated from the results of this work campaign are much higher than those calculated from Regional Geochemical Data (Heon, 2003) thus confirming the strongly anomalous levels in the Tillei area (Table 8.1). Silver percentiles are more or less the same from both datasets (see Table 8.1) and the RGS data does not include Bi for comparison.

Table 8.1
Silt Geochemistry Percentiles

Percentile Level	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
98th Tillei	40	0.5	130	6.8	355	126	1465
98th (RGS)	*18*	*0.6*	*60.1*	-	*95*	*84*	*508*
95th Tillei	22	0.3	66	4.0	283	90	1052
95th (RGS)	*8*	*0.4*	*30*	-	*70*	*57.2*	*327*
85th Tillei	5	0.2	37	2.1	124	58	474
85th (RGS)	*2*	*0.2*	*13*	-	*45*	*35*	*192*
70th Tillei	2.6	0.1	23	1.0	85	42	277
70th (RGS)	*0.5*	*0.1*	*8*	-	*32*	*25*	*128*

RGS data from Heon, 2003.

Results from the fine sediment (field-sieved) samples outline two areas with strongly anomalous Au values. The highest Au values are from two samples collected from drainages within the main 'Camp' valley, located approximately 1 km north of the 2003 camp. The –250 mesh fraction from samples #133569 and #133571 returned gold values of 312 and 190 ppb respectively. Sample #133569 was collected from a small tributary draining into the main 'Camp' valley creek from the west and sample #133571 was collected from the main 'Camp' valley itself. The second area is located further to the north, where the main 'Camp' valley creek drains into a relatively large stream flowing to the northwest. Sample #133573 from just above the confluence of these two streams returned a gold value of 166 ppb and sample #133577, collected several hundred metres downstream, returned a value of 30 ppb. Interestingly, the aforementioned samples were only anomalous with respect to Au.

All fractions from a fine sediment-conventional silt pair collected adjacent to the 2003 camp and a grab silt collected immediately downstream from the rock glacier at the headwaters of the main 'Camp' valley did not return any Au values and hence failed to detect the gold mineralization found in the float of the rock glacier. Combined with the observation that Au-in-silt values from the northern end of the project area rapidly decrease downstream may indicate numerous discrete areas with high-grade Au mineralization rather than broad low-grade Au mineralization.

Sample #133378, from the drainage system at the south end of the project, returned a gold value of 12 ppb from a conventional silt sample. While this value is low, it is still highly anomalous within the context of both the Regional Geochemical data and the results from this exploration campaign and is particularly encouraging when considering the dramatic differences observed between silt sampling techniques and the fact that no other conventional silt sample contained detectable concentrations of Au.

In general, silt samples from the drainage system at the south end of the project area returned strongly anomalous values of Ag, Bi, and Pb but only one Au value. Similarly, silt samples from the drainage system on the west side of the project area returned strongly anomalous Cu and As values, plus weak to moderately anomalous Ag and Zn values, but yielded no Au values.

9.0 SOIL GEOCHEMISTRY

A total of 115 soil samples were collected at 50 m intervals along two N-S trending contour soil lines. Each line was located at or just below the break in slope between steep cliffs above and talus below. Samples consisted of talus fines rather than well-developed soil.

The most striking feature of the soil geochemistry results is the multi-element anomaly located at the north end of the eastern line (Figs. 6-12). These samples outline a large area (>500 m) with anomalous to strongly anomalous Au-As-Bi-Cu±Ag±Pb±Zn values. This anomaly is coincident with the best results from the stream silt sampling and was one of the focus areas during the September follow-up work. No significant mineralization was discovered in outcrop.

10.0 DISCUSSION AND CONCLUSIONS

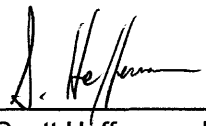
Two positive conclusions can be drawn from the results of the Tillei program. First and most important, significant gold mineralization was identified in one rock sample which has a geochemical signature consistent with plutonic-related Au mineralization (ie. elevated As, Bi, Sb, Te). Similarly, stream silt sampling identified three areas with strongly anomalous Au. The follow-up visit to the property confirmed the Au values in the rock sample but was unsuccessful in pinpointing a source for the mineralized float or Au-in-silt anomalies. Given the limited time spent on the ground and the steep and rugged nature of the physiography this is understandable, and the potential for significant Au mineralization remains open.

The second positive conclusion is the apparent ineffectiveness of conventional silt sampling techniques. Most grab silt samples from drainage systems to the west and south returned highly anomalous values of Ag, As, and Bi, as well as, Cu, Pb, and Zn, but only one sample returned significant Au values. The results from the comparison between silt sampling techniques suggest that sampling in these drainages has been inadequate to test for gold and that the fine sediment (field-sieved) sampling procedure would be more effective in this area.

The investigation of the Woah and Primo occurrences failed to return significant Au values, yet there still remains several other intrusion-related mineral occurrences in the immediate area that are worthy of investigation. Similarly, the multi-element anomalies defined by conventional silt sampling in the southern and western drainages should be resampled using fine-sediment (field-sieved) sampling techniques to confirm the presence or absence of gold.

Until a source for the Au mineralization found in the rock glacier is identified and can be evaluated, the area has potential worthy of further investigation.

Respectfully submitted,



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January 2004

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX B

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AK	ankerite	AL	alunite	AS	arsenopyrite
AU	native gold	AZ	azurite	BA	barite
BI	biotite	BO	bornite	BT	pyrobitumen
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CD	chalcedony	CL	chlorite	CP	chalcopyrite
CV	covellite	CY	clay	DO	dolomite
EN	enargite	EP	epidote	GE	goethite
GL	galena	GR	graphite	HE	hematite
HS	specularite	HZ	hydrozincite	JA	jarosite
KF	potassium feldspar	MC	malachite	MG	magnetite
MN	Mn-oxides	MO	molybdenite	MR	mariposite/fuchsite
MS	sericite	MT	marcasite	MU	muscovite
NE	neotocite	PA	pyrargyrite	PL	pyrolusite
PO	pyrrhotite	PY	pyrite	QZ	quartz veining
RE	realgar	RN	rhodonite	SB	stibnite
SD	siderite	SI	silicification	SM	smithsonite
SP	sphalerite	SR	scorodite	TR	tremolite
TT	tetrahedrite				

ALTERATION INTENSITY

m	moderate	s	strong	tr	trace
vs	very strong	w	weak		

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mMS, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134646	UTM 6859713	N	UTM 490881	E	Strike Length Exp:	Metallics:	<5	<0.2	3	<2
Tillei Lake	Elevation		Sample Width: 20	cm	True Width: 20 cm	Secondaries: mGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Sandstone		6	6	<2	16

Sampled By: SH 13-Sep-03 — Angular float at northern margin of large talus fan. 2-15 mm quartz stockworked calc-sillicate? (Fine-grained border phase of intrusion?)

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mQZ, ?ST	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134647	UTM 6859793	N	UTM 490907	E	Strike Length Exp:	Metallics: 1-2PQ	<5	<0.2	18	<2
Tillei Lake	Elevation		Sample Width: 0.8	m	True Width: 0.8 m	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartzite		9	8	<2	36

Sampled By: SH 13-Sep-03 — Grey-green quartzite with blebby pyrrhotite and overprinted quartz veinlets.

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: trMS, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134648	UTM 6860029	N	UTM 490952	E	Strike Length Exp: 20 m	Metallics:	<5	<0.2	<2	<2
Tillei Lake	Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: wGE, trJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
			256°/53° N		Host : Phyllitic argillite/quartzite		7	4	<2	5

Sampled By: SH 13-Sep-03 — Select sample from 4 bull quartz veins 2-25 mm wide. Minor sericite ± jarosite development on selvage.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mBI, wCa, w-mCL, mDI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134649	UTM 6860044	N	UTM 490942	E	Strike Length Exp:	Metallics: trCR, trGL, IPQ, trPY	7	<0.2	4	<2
Tillei Lake	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Biotite-diopside hornfels		8	43	<2	62

Sampled By: SH 13-Sep-03 — Biotite-diopside hornfels with chlorite on fractures, blebby pyrrhotite, traces pyrite, chalcopyrite and galena.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mBI, mCL, sQZ, mSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134650	UTM 6860116	N	UTM 490948	E	Strike Length Exp:	Metallics:	<5	<0.2	8	<2
Tillei Lake	Elevation		Sample Width: 2	m	True Width: 1 m	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Biotite-chlorite hornfels		10	8	<2	17

Sampled By: SH 13-Sep-03 — Large float boulder below outcrop of same. Quartz-stockworked spotted chlorite biotite hornfels.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275267	UTM 6859567	N	UTM 489192	E	Strike Length Exp:	Metallics: >1%PY	<5	0.14	14.4	0.19
Tillei Lake	Elevation 1685	m	Sample Width:		True Width:	Secondaries: wGE, wJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Sedimentary		14.4	92.8	0.16	130

Sampled By: TB 28-Jun-03 — Taken on west side of valley, west of camp valley, on talus slope. Good strong silicate alteration.

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275268 Tillei Lake	UTM 6859580	N	UTM 488869	E	Strike Length Exp:	Metallics: 1%PY	<5	0.04	0.6	0.03
	Elevation 1670	m	Sample Width:		True Width:	Secondaries: mGE, mJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Sedimentary		39.4	7.6	0.29	81
Sampled By: TB 28-Jun-03	More strong silica-altered sediments with 1% pyrite in talus on east side of valley.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275269 Tillei Lake	UTM 6859869	N	UTM 487971	E	Strike Length Exp:	Metallics: 1%PO, 2%PY	<5	0.06	0.2	0.1
	Elevation 1375	m	Sample Width:		True Width:	Secondaries: sGE, sJA, sMN	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Metasediments		36.6	2.7	<0.05	74
Sampled By: TB 28-Jun-03	Taken just below silt sample 133424. Third creek down from the top on west side of valley.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI, mBI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275270 Tillei Lake	UTM 6859110	N	UTM 488896	E	Strike Length Exp:	Metallics: 1%PO, 1%PY	<5	0.02	0.3	0.07
	Elevation 1550	m	Sample Width:		True Width:	Secondaries: mGE, mJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Metasediments		21	4.4	<0.05	80
Sampled By: TB 28-Jun-03	Taken at top of big break in slope west side by creek.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: w-mSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275308 Tillei Lake	UTM 6857507	N	UTM 490564	E	Strike Length Exp:	Metallics: tr-1%PY	<5	0.12	0.4	4.44
	Elevation		Sample Width:		True Width:	Secondaries: mGE, mJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Chlorite-biotite phyllite		19.6	8.2	<0.05	14
Sampled By: SRH 27-Jun-03	Quartz vein with disseminations and clots of pyrite within a locally biotite-bearing chloritic and graphitic phyllite.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275309 Tillei Lake	UTM 6857028	N	UTM 490423	E	Strike Length Exp:	Metallics:	<5	0.01	<2.0	1.04
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Granodiorite (biotite)		3.3	3.4	<0.05	55
Sampled By: SRH 27-Jun-03	Stockpiled core from late 1970's (?) exploration. Coarse-grained light-coloured garnet quartz diopside skarn. Tungsten? No control on hole number or depth.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: m-sBI, mCL	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275310 Tillei Lake	UTM 6857028	N	UTM 490423	E	Strike Length Exp:	Metallics: 2%PO, 2%PY	8	1.5	0.3	12.45
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Intrusive		1010	130	<0.05	160
Sampled By: SRH 27-Jun-03	29.5-30.5 ft depth - no control on hole ID. Very fine-grained biotite-chlorite± diopside? hornfels with up to several percent pyrite and pyrrhotite occurring as disseminations and along fractures (up to 2 mm).									

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275311 Tillei Lake	UTM 6857028	N	UTM 490423	E	Strike Length Exp:	Metallics:	<5	0.02	<0.1	0.58
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Intrusive		3.5	1.4	<0.05	7
Sampled By: SRH 27-Jun-03	32-33 ft depth - no control on hole ID. Garnet-diopside-quartz skarn. With tungsten?									

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275312 Tillei Lake	UTM 6857028	N	UTM 490423	E	Strike Length Exp:	Metallics: 3% PY	<5	0.25	0.1	1.49
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Intrusive contact zone		137	48.6	<0.05	29
Sampled By: SRH 27-Jun-03	Different hole from previous two samples (No. 10); depth about 35 feet. Pyrite with quartz vein which brecciates the intrusive margin. Very fine-grained biotite and chlorite with it.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275313 Tillei Lake	UTM 6857184	N	UTM 489780	E	Strike Length Exp:	Metallics:	<5	0.01	<0.1	0.17
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
			310°/48° E		Host : Biotite granodiorite		2.7	1.1	<0.05	39
Sampled By: SRH 27-Jun-03	Crudely banded garnet (pink) and diopside (dark green) skarn. Outcrops right in the stream. Minor epidote. Banding parallels regional foliation.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sBI, sCL	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275314 Tillei Lake	UTM 6857811	N	UTM 491068	E	Strike Length Exp:	Metallics: trMG, 3%PO, 2%PY	4.2 g/t	1.01	0.4	286
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Hornfelsed shale		356	18.7	<0.05	17
Sampled By: SRH 27-Jun-03	Finely disseminated pyrrhotite and pyrite, combined 15%, in hornfelsed shale with a biotite-chlorite matrix. In rock glacier float (terminal moraine).									

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275315 Tillei Lake	UTM 6866853	N	UTM 479152	E	Strike Length Exp:	Metallics: tr-1%CP, 65%PO, trSP	15	2.97	5.5	96.9
	Elevation		Sample Width: 40	cm	True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
			2°/°		Host : Dark argillite (?)		1740	60.8	1.2	4.17 %
Sampled By: SRH 30-Jun-03	From core shack at Primo Camp. Hole 96-6 Box 5 (thin sample 231461@30.8 m, 1.2 m). Massive pyrrhotite with sphalerite and chalcopyrite filling fractures in breccia with clasts of dark argillite.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: BI, SI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275316 Tillei Lake	UTM 6866853	N	UTM 479156	E	Strike Length Exp:	Metallics: trCP, 1-2%PO	7	0.49	1.1	3.98
	Elevation		Sample Width: 40	cm	True Width:	Secondaries: GE, JA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Fine-grained intrusive or silicified sediments		344	11.2	0.79	210
Sampled By: SRH 30-Jun-03	Pyrrhotite and chalcopyrite fractures with disseminated pyrrhotite in silicified/hornfelsed sediments or very fine-grained intrusive.									

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: mSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275317 Tillei Lake	UTM 6866853	N	UTM 479152	E	Strike Length Exp:	Metallics: PO, PY	<5	0.36	1.2	5.01
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Intrusive (marginal phase)		190.5	8.4	2.03	93

Sampled By: SRH 30-Jun-03 — Pyrite and pyrrhotite (?) with trace chalcopyrite (?) fracture stock work. Sample 231458@27.0m , 1.3 m. Within quartz vein adjacent to intrusive contact.

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: mSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275318 Tillei Lake	UTM 6866853	N	UTM 479152	E	Strike Length Exp:	Metallics: tr-1%PY	<5	0.15	3.2	1.84
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Marginal intrusive phase		50.3	9.1	0.53	793

Sampled By: SRH 30-Jun-03 — Adjacent to previous sample but it has bladed ? It is clear, not calcite, and fairly hard.

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275319 Tillei Lake	UTM 6867628	N	UTM 480492	E	Strike Length Exp:	Metallics:	<5	0.94	78.9	57.3
	Elevation		Sample Width:		True Width:	Secondaries: sGE, sJA	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host :		251	110.5	1.07	459

Sampled By: SRH 30-Jun-03 — Breccia or ferricrete with variably altered clasts of mostly argillite. Found perfect limy argillite float.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275320 Tillei Lake	UTM 6867650	N	UTM 480516	E	Strike Length Exp:	Metallics: tr-1%CP, ?MG, 2%PO	<5	0.91	8.5	108
	Elevation		Sample Width:		True Width:	Secondaries: <1%PY, trSP	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
			230°/45°		Host :		1880	16.4	0.83	53

Sampled By: SRH 30-Jun-03 — Disseminated pyrrhotite in hornfels (?) with chalcopyrite, pyrite, pyrrhotite and sphalerite (?) in veinlets and fractures.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wBI, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275991 Tillei Lake	UTM 6857895	N	UTM 491028	E	Strike Length Exp:	Metallics: .5CP, 4PO, tPY				
	Elevation		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartzite					

Sampled By: MEB 13-Sep-03 — Toe of rock glacier, very gossanous. Float sample is quartzite to disseminated and patchy blebs of pyrite and bare chalcopyrite. Fairly common in rock glacier.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCL, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275992 Tillei Lake	UTM 6857889	N	UTM 491054	E	Strike Length Exp:	Metallics: tCP, 2PO, 1PY				
	Elevation		Sample Width:		True Width:	Secondaries: wGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Crenulated phyllite					

Sampled By: MEB 13-Sep-03 — 40 cm thick bull quartz vein boulder with chlorite-altered phyllite rock inclusions. Sulphides on margin of fragments.

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mBI, sQZ, wDI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275993 Tillei Lake	UTM 6857805	N	UTM 491088	E	Strike Length Exp:	Metallics: trCP, 4%PO				
	Elevation		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartz-biotite-diopside hornfels					
Sampled By: MEB 13-Sep-03	50 x 50 cm boulder of quartz-biotite-diposide hornfelsed sediment. Pyrrhotite as disseminated blebs and aligned thin lenses. Pyrrhotite seems to be discordant to foliation.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: uBI, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275994 Tillei Lake	UTM 6857767	N	UTM 491082	E	Strike Length Exp:	Metallics: 4PO	<5	<0.2	2	<2
	Elevation		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartz-biotite hornfelsed quartz		61	7	<2	18
Sampled By: MEB 13-Sep-03	30 x 40 cm gossanous boulder in rock glacier. Fine grained weakly foliated quartzite in fine grained lensy disseminated pyrrhotite. Fairly common in talus ~ 5-10%.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275995 Tillei Lake	UTM 6857682	N	UTM 491076	E	Strike Length Exp:	Metallics: 12PY	22	0.2	<2	9
	Elevation m		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Hornfelsed quartzite		140	7	<2	6
Sampled By: MEB 13-Sep-03	30 x 20 cm gossanous quartzite 2-5% similar material in rock glacier. White, metafine-grained quartzite, oxidized pyrite and lensy patches parallel to faint foliation.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275996 Tillei Lake	UTM 6857647	N	UTM 491061	E	Strike Length Exp: 5 m	Metallics: 1PO, 1PY	<5	<0.2	6	<2
	Elevation		Sample Width: 4 m		True Width: 3 m	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
	Foliation 135°/40° NE				Host : Gossanous grey crenulated phyllite		20	20	<2	27
Sampled By: MEB 13-Sep-03	Random grab of gossanous phyllite. Pyrite and pyrrhotite mineralization (disseminated). Seems to roughly conform to foliation.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mBI, sQZ, sDI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275997 Tillei Lake	UTM 6857611	N	UTM 491045	E	Strike Length Exp:	Metallics: 3PO	35	0.3	5	2
	Elevation		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartz-biotite-diopside hornfels		36	5	<2	67
Sampled By: MEB 13-Sep-03	Approximately 3-7% similar boulders in rock glacier. Typical hornfels with 3% pyrrhotite along foliation. Abundant feldspar-quartz in talus.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sBI, sQZ, mDI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275998 Tillei Lake	UTM 6857532	N	UTM 490938	E	Strike Length Exp:	Metallics: 2PO	9	<0.2	<2	<2
	Elevation		Sample Width: 7 m		True Width: 5 m	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
	Foliation 130°/40°				Host : Grey phyllite & quartz-biotite-diopside		41	3	<2	66
Sampled By: MEB 13-Sep-03	Large gossanous cliff. Strongest gossan is roughly conformable to foliation >10m thick. Random grab from cliff face. Both hornfels and phyllite. (likely mudstone/quartz sandstone). Disseminated pyrrhotite.									

Rock Sample Descriptions

Project Name: Tillei Lake **Project:** RFM03-18 **NTS:** 105H/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sBI, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
275999 Tillei Lake	UTM 6857532	N	UTM 490938	E	Strike Length Exp: 10 m	Metallics: 20PO	78	<0.2	<2	<2
	Elevation		Sample Width: 20 cm		True Width: 20 cm	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
	Vein 130°/40°				Host : Altered phyllite & hornfels		88	3	<2	4
Sampled By: MEB 13-Sep-03	Irregular vein 15-40 cm thick. Pinches and swells. Both discordant and conformable. Similar in appearance to many bull quartz veins, but here heavy, ragged blebs of pyrrhotite.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
295321 Tillei Lake	UTM 6867650	N	UTM 480516	E	Strike Length Exp:	Metallics: 1%PY				
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host :					
Sampled By: SRH 30-Jun-03	Pyrite and fine-grained sulphides occur in stockwork fractures within strongly silicified rock.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mBI, mCl, msQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
560637 Tillei Lake	UTM 6860201	N	UTM 490991	E	Strike Length Exp: 5 m	Metallics: trPO, trPY	<5	<0.2	5	<2
	Elevation		Sample Width: 1.5 m		True Width: 1.5 m	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
	Vein 034°/79° SE				Host : Biotite hornfels		8	9	<2	34
Sampled By: SH 13-Sep-03	Zone of stockwork quartz veining (paralleling 034°/79° SE) in biotite-chlorite hornfelsed sandstone; traces of pyrite and pyrrhotite.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: w-mCL, mQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
560638 Tillei Lake	UTM 6860201	N	UTM 490991	E	Strike Length Exp:	Metallics: trCR, 1-2PO, TR-1PY	14	<0.2	2	<2
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartzite		19	4	<2	7
Sampled By: SH 13-Sep-03	Similar to 560637 but with common dark grey quartz, more abundant sulfides, and less biotite.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sBI, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
560640 Tillei Lake	UTM 6857817	N	UTM 491915	E	Strike Length Exp:	Metallics: 20PO	3040	0.7	<2	207
	Elevation		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartz-biotite hornfels		228	22	<2	3
Sampled By: MEB 13-Sep-03	This may be Scott's 4g sample (275314) but no label. 30cm thick slab x 2m of heavy pyrrhotite mineralized hornfels. Large blebs in rock glacier. Approximately three similar slabs in talus, but similar mineralization with less pyrrhotite in rock glacier.									

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sBI, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
560641 Tillei Lake	UTM 6857817	N	UTM 491015	E	Strike Length Exp:	Metallics: sPO	382	0.2	<2	22
	Elevation m		Sample Width:		True Width:	Secondaries: sGE	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
					Host : Quartz-biotite hornfels		75	9	<2	50
Sampled By: MEB 13-Sep-03	Adjoins 560640. This sample a random grab from 6 boulders average size 1.5x.7m.									

APPENDIX C

CERTIFICATES OF ANALYSIS

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: **EQUITY ENGINEERING LTD.**
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

CERTIFICATE VA03023735

Project : RFM03-18

P.O. No:

This report is for 18 ROCK samples submitted to our lab in Vancouver, BC, Canada on 4-Jul-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
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Date : 26-Nov-2003
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Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023735

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS41 Ag ppm 0.01	Au-GRA21 Au ppm 0.05	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1
275267		0.40	<0.005		0.14		0.53	14.4	<10	10	0.06	0.19	0.44	0.53	11.55	3.9
275268		0.46	<0.005		0.04		1.95	0.6	<10	10	0.15	0.03	0.05	0.19	64.3	23.5
275269		0.38	<0.005		0.06		2.01	0.2	<10	30	0.49	0.10	0.78	0.24	39.9	13.6
275270		0.44	<0.005		0.02		2.21	0.3	<10	30	0.05	0.07	0.04	0.06	17.65	7.2
275308		0.56	<0.005		0.12		0.47	0.4	10	20	0.13	4.44	0.06	0.05	14.90	1.8
275309		0.34	<0.005		0.01		1.07	<2.0	<10	<10	1.12	1.04	>15.00	0.33	35.8	1.3
275310		0.42	0.008		1.50		2.86	0.3	<10	10	3.11	12.45	2.42	0.74	43.6	49.8
275311		0.38	<0.005		0.02		1.90	<0.1	<10	<10	0.18	0.58	9.17	<0.01	6.21	1.1
275312		0.36	<0.005	<0.005	0.25		1.88	0.1	<10	10	0.61	1.49	1.01	0.03	17.75	10.6
275313		0.92	<0.005	<0.005	0.01		0.76	<0.1	<10	<10	0.44	0.17	2.49	0.10	9.42	1.3
275314		1.00	4.58	4.12	1.01	4.20	1.14	0.4	<10	10	0.86	286	0.58	0.01	45.2	49.6
275315		0.46	0.014	0.016	2.97		1.23	5.5	<10	10	0.44	96.9	0.15	>500	12.30	13.6
275316		0.36	0.008	0.005	0.49		0.89	1.1	<10	10	0.19	3.98	0.31	2.63	9.97	6.3
275317		0.34	<0.005		0.36		0.70	1.2	<10	10	0.11	5.01	0.04	0.94	7.91	5.5
275318		0.26	<0.005		0.15		1.47	3.2	<10	10	0.28	1.84	1.13	8.74	27.6	5.4
275319		0.56	<0.005		0.94		0.82	78.9	<10	40	0.24	57.3	0.02	2.24	18.05	1.8
275320		0.78	<0.005		0.91		0.72	8.5	<10	10	0.09	108.0	0.02	0.53	6.73	14.0
275321		0.62	<0.005		2.42		0.21	1.8	<10	20	0.05	24.7	0.01	0.09	6.99	2.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

ALS Chemex
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700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023735

Sample Description	Method Analyte Units LOR	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05
275267		114	0.05	14.4	1.30	2.01	<0.05	0.07	<0.01	0.049	0.01	5.4	9.5	0.30	349	1.11
275268		61	0.10	39.4	3.54	5.52	0.18	0.14	<0.01	0.014	0.02	28.1	30.1	0.89	556	0.73
275269		58	1.32	36.6	4.59	7.21	0.14	0.12	<0.01	0.033	0.25	20.0	31.1	1.42	364	1.22
275270		68	1.30	21.0	4.17	6.45	0.15	0.07	<0.01	0.019	0.19	8.6	26.5	1.15	483	22.3
275308		156	0.80	19.6	1.38	1.53	<0.05	0.05	<0.01	0.009	0.10	7.8	6.5	0.28	78	1.20
275309		31	0.05	3.3	0.72	2.80	0.28	0.34	<0.01	0.153	<0.01	17.8	1.5	0.07	1580	0.26
275310		31	2.20	1010	>15.00	18.65	0.65	0.21	<0.01	0.145	0.08	23.8	16.2	0.42	1845	31.9
275311		55	2.57	3.5	5.57	13.95	2.65	0.30	0.02	2.21	0.01	1.3	0.4	0.03	5850	34.2
275312		84	1.54	137.0	3.59	8.97	0.16	0.16	0.01	0.031	0.15	8.4	29.2	0.76	564	8.71
275313		22	2.61	2.7	1.44	3.13	0.87	0.23	<0.01	0.317	0.01	4.8	0.5	0.06	2260	0.44
275314		36	0.81	356	>15.00	2.84	0.33	0.15	<0.01	0.006	0.09	22.4	10.1	0.53	93	2.20
275315		11	1.22	1740	>15.00	7.82	0.45	0.19	0.02	59.5	0.13	6.3	14.0	0.86	428	0.66
275316		88	0.56	344	4.90	3.21	0.08	0.04	<0.01	0.346	0.13	5.0	11.6	0.43	589	0.34
275317		118	0.41	190.5	3.54	3.06	0.05	0.03	<0.01	0.171	0.08	4.1	11.1	0.39	303	0.51
275318		93	0.78	50.3	2.61	4.74	0.07	0.06	0.01	1.245	0.10	13.4	20.6	0.58	929	0.31
275319		29	1.51	251	12.60	7.47	0.19	0.28	0.02	5.47	0.20	9.5	3.9	0.15	123	0.76
275320		47	0.28	1880	10.70	3.26	0.19	0.07	<0.01	0.053	0.03	3.2	11.6	0.57	149	0.80
275321		96	0.46	398	0.83	1.01	<0.05	0.03	<0.01	0.100	0.15	3.4	1.2	0.02	15	0.42

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

ALS Chemex

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To: EQUITY ENGINEERING LTD.
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023735

Sample Description	Method Analyte Units LOR	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01
275267		0.05	<0.05	9.0	140	92.8	0.6	<0.001	0.12	0.16	1.9	<0.2	0.2	22.5	<0.01	0.02
275268		0.03	0.16	33.1	160	7.6	1.1	<0.001	0.18	0.29	2.7	0.4	0.4	27.8	0.01	<0.01
275269		0.04	1.73	16.4	2420	2.7	14.6	0.001	1.17	<0.05	5.4	1.9	0.7	12.0	0.03	0.08
275270		0.03	0.33	14.2	180	4.4	18.8	<0.001	0.20	<0.05	3.9	<0.2	0.4	4.3	0.01	0.01
275308		0.03	0.18	7.8	160	8.2	7.2	0.001	0.07	<0.05	1.3	<0.2	0.5	14.8	<0.01	0.03
275309		<0.01	0.94	3.6	360	3.4	0.2	<0.001	0.01	<0.05	2.3	0.3	2.0	88.8	0.01	0.01
275310		0.06	0.59	27.1	970	130.0	13.6	0.006	4.14	<0.05	2.2	1.0	7.4	67.2	0.04	0.85
275311		<0.01	0.62	1.7	910	1.4	3.9	0.001	0.01	<0.05	3.4	0.2	59.4	9.1	0.02	0.01
275312		0.09	0.96	15.0	580	48.6	19.6	0.001	1.01	<0.05	6.8	0.4	2.8	37.5	0.03	0.12
275313		<0.01	1.37	2.3	490	1.1	2.1	<0.001	0.02	<0.05	1.8	<0.2	13.9	11.6	0.02	<0.01
275314		0.01	1.93	81.4	470	18.7	8.8	0.006	8.48	<0.05	2.9	6.3	2.1	71.5	0.02	14.80
275315		<0.01	0.37	21.5	530	60.8	11.8	0.002	8.10	1.20	1.4	6.1	43.7	5.7	0.01	0.18
275316		0.01	0.09	15.0	110	11.2	9.3	<0.001	2.71	0.79	1.1	0.2	8.1	5.6	<0.01	0.03
275317		<0.01	<0.05	11.3	100	8.4	6.4	<0.001	2.42	2.03	1.0	0.3	3.9	2.8	<0.01	0.01
275318		0.04	<0.05	17.4	130	9.1	7.0	<0.001	0.41	0.53	2.5	0.2	6.9	32.1	<0.01	0.01
275319		0.01	0.51	5.5	420	110.5	16.0	0.001	0.19	1.07	1.3	0.9	52.2	6.8	0.01	0.04
275320		<0.01	0.10	10.5	80	16.4	2.2	0.001	7.90	0.83	0.9	0.7	2.4	1.5	<0.01	0.06
275321		<0.01	0.11	5.5	20	118.0	10.8	<0.001	1.40	0.22	0.4	0.4	6.7	0.9	<0.01	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023735

Sample Description	Method Analyte Units LOR	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.01	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-AA46 Zn % 0.01
275267		5.6	<0.01	<0.02	0.50	12	0.11	2.68	130	2.2	
275268		8.2	0.05	0.06	2.12	19	0.06	9.37	81	3.1	
275269		11.2	0.24	0.08	0.69	66	0.24	18.65	74	3.0	
275270		6.8	0.06	0.15	0.59	27	0.23	1.77	80	2.3	
275308		5.7	0.02	0.06	0.58	9	0.11	2.15	14	1.8	
275309		7.5	0.10	<0.02	8.99	17	1.16	8.97	55	11.5	
275310		6.0	0.05	0.22	2.63	20	490	10.20	160	3.6	
275311		1.0	0.05	<0.02	3.33	19	25.9	8.89	7	15.1	
275312		6.5	0.14	0.14	6.11	56	7.28	9.51	29	2.7	
275313		3.0	0.08	<0.02	0.59	11	5.91	4.78	39	6.7	
275314		11.1	0.12	0.12	1.24	29	113.5	9.05	17	4.1	
275315		5.5	0.02	0.09	1.20	12	7.55	7.88	>10000	6.3	4.17
275316		5.6	0.01	0.08	0.83	11	0.70	4.01	210	1.0	
275317		2.9	<0.01	0.25	0.52	9	0.59	1.30	93	1.0	
275318		6.3	<0.01	0.13	0.69	16	0.41	8.60	793	1.6	
275319		11.2	0.05	0.14	1.39	18	0.77	2.52	459	10.1	
275320		2.7	<0.01	0.03	0.32	6	0.57	1.61	53	2.4	
275321		2.2	0.01	0.09	0.18	2	0.58	0.48	9	1.0	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

CERTIFICATE VA03023736

Project : RFM03-18

P.O. No:

This report is for 115 SOIL samples submitted to our lab in Vancouver, BC, Canada on 4-Jul-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

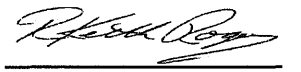
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CLYFG3-0000		0.42	<0.005	0.6	2.97	13	<10	30	1.8	2	0.15	<0.5	13	18	67	3.78
CLYFG3-0050		0.28	<0.005	0.3	1.98	6	<10	20	0.6	<2	0.04	<0.5	5	8	49	2.32
CLYFG3-0100		0.28	<0.005	<0.2	2.33	13	<10	20	1.0	<2	0.09	<0.5	17	12	102	3.00
CLYFG3-0150		0.36	<0.005	<0.2	2.62	17	<10	60	1.3	<2	0.16	<0.5	27	26	74	5.79
CLYFG3-0200		0.40	<0.005	0.3	3.02	13	<10	40	2.8	<2	0.05	<0.5	132	20	196	4.34
CLYFG3-0250		0.38	<0.005	<0.2	2.09	29	<10	40	0.8	<2	0.25	<0.5	21	21	46	4.90
CLYFG3-0250D		0.34	<0.005	0.2	2.17	33	<10	40	0.8	<2	0.29	<0.5	21	21	48	4.98
CLYFG3-0300		0.34	<0.005	<0.2	2.49	22	<10	40	1.2	2	0.19	<0.5	26	18	59	6.09
CLYFG3-0350		0.36	<0.005	<0.2	2.31	50	<10	50	0.9	<2	0.33	<0.5	30	21	79	5.84
CLYFG3-0400		0.30	<0.005	<0.2	1.98	16	<10	40	0.6	<2	0.09	<0.5	15	20	46	5.87
CLYFG3-0450		0.32	<0.005	0.2	1.51	19	<10	40	0.5	<2	0.12	<0.5	16	15	33	3.92
CLYFG3-0500		0.40	<0.005	0.2	1.78	24	<10	30	0.7	<2	0.22	<0.5	23	20	41	4.48
CLYFG3-0550		0.30	<0.005	0.2	1.37	12	<10	40	<0.5	<2	0.03	<0.5	9	14	24	3.01
CLYFG3-0600		0.42	<0.005	0.3	1.82	48	<10	40	0.9	<2	0.06	<0.5	31	15	83	5.64
CLYFG3-0650		0.26	<0.005	0.2	0.75	3	<10	20	<0.5	<2	0.03	<0.5	2	5	15	0.81
CLYFG3-0700		0.32	<0.005	0.7	1.38	26	<10	30	0.5	<2	0.08	<0.5	18	14	41	4.07
CLYFG3-0750		0.38	<0.005	0.2	1.77	27	<10	40	0.9	2	0.08	<0.5	49	18	94	5.77
CLYFG3-0800		0.36	<0.005	0.2	1.96	20	<10	30	0.9	<2	0.02	<0.5	40	20	104	5.81
CLYFG3-0850		0.38	<0.005	0.3	2.05	25	<10	40	0.9	2	0.03	<0.5	43	20	104	5.92
CLYFG3-0850D		0.30	<0.005	0.3	2.02	24	<10	40	0.9	<2	0.03	<0.5	41	20	104	5.81
CLYFG3-0900		0.30	<0.005	0.5	0.25	2	<10	10	<0.5	<2	0.02	<0.5	2	2	7	0.60
CLYFG3-0950		0.28	<0.005	0.2	0.52	5	<10	20	<0.5	<2	0.02	<0.5	5	6	16	1.42
CLYFG3-1000		0.24	<0.005	0.4	0.11	<2	<10	10	<0.5	<2	0.03	<0.5	2	1	2	0.34
CLYFG3-1050		0.40	0.005	<0.2	2.26	21	<10	50	1.1	<2	0.03	<0.5	21	21	75	5.95
CLYFG3-1100		0.32	<0.005	0.2	0.19	<2	<10	10	<0.5	<2	0.03	<0.5	1	2	3	0.42
CLYFG3-1150		0.40	<0.005	0.2	1.07	13	<10	20	<0.5	2	0.02	<0.5	7	10	27	3.22
CLYFG3-1200		0.30	<0.005	<0.2	1.20	12	<10	20	<0.5	<2	0.02	<0.5	7	12	26	3.54
CLYFG3-1250		0.24	<0.005	0.3	0.31	<2	<10	20	<0.5	<2	0.07	<0.5	1	2	8	0.48
CLYFG3-1300		0.26	<0.005	0.2	0.56	<2	<10	10	<0.5	<2	0.06	<0.5	2	2	6	0.61
CLYFG3-1350		0.24	<0.005	0.2	0.47	3	<10	20	<0.5	<2	0.04	<0.5	2	2	8	0.55
CLYFG3-1400		0.34	0.006	<0.2	2.76	35	<10	90	1.1	<2	0.58	<0.5	41	42	73	5.33
CLYFG3-1450		0.34	NSS	0.2	2.17	31	<10	70	1.0	<2	0.09	<0.5	45	24	101	6.18
CLYFG3-1450B		0.32	<0.005	<0.2	0.54	<2	<10	20	<0.5	<2	0.33	<0.5	5	15	7	2.23
CLYFG3-1500		0.46	0.007	0.2	2.02	20	<10	50	1.2	<2	0.03	<0.5	55	22	97	6.23
CLYFG3-1550		0.48	<0.005	<0.2	2.05	32	<10	40	1.1	<2	0.10	<0.5	26	23	95	6.33
CLYFG3-1600		0.44	<0.005	<0.2	2.46	40	<10	50	1.4	<2	0.19	<0.5	43	26	110	6.62
CLYFG3-1650		0.42	0.005	<0.2	2.52	42	<10	40	1.4	<2	0.18	<0.5	51	28	105	6.74
CLYFG3-1700		0.32	<0.005	0.2	1.66	29	<10	50	0.5	<2	0.11	<0.5	15	22	53	5.28
CLYFG3-1750		0.34	0.008	<0.2	1.61	35	<10	30	0.7	2	0.02	<0.5	24	21	80	6.42
CLYFG3-1800		0.44	0.020	<0.2	1.83	45	<10	40	0.8	<2	0.10	<0.5	27	22	81	6.72

Comments: NSS is non-sufficient sample.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: EQUITY ENGINEERING LTD.
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CLYFG3-1850		0.42	0.048	<0.2	1.88	50	<10	40	0.8	<2	0.05	<0.5	28	23	85	6.53
CLYFG3-1900		0.38	0.029	<0.2	1.68	44	<10	30	0.8	<2	0.05	<0.5	28	21	73	6.21
CLYFG3-1950		0.30	<0.005	0.2	0.47	2	<10	10	<0.5	<2	0.03	<0.5	1	2	8	0.88
CLYFG3-2000		0.24	0.008	<0.2	0.78	32	<10	30	<0.5	<2	0.04	<0.5	4	9	21	2.78
CLYFG3-2050		0.36	0.007	<0.2	1.10	32	<10	40	<0.5	<2	0.04	<0.5	5	13	21	3.11
CLYFG3-2050D		0.28	0.014	<0.2	0.96	77	<10	30	<0.5	<2	0.04	<0.5	4	10	22	3.13
CLYFG3-2100		0.30	<0.005	<0.2	0.19	<2	<10	10	<0.5	<2	0.03	<0.5	1	1	4	0.47
CLYFG3-2150		0.26	<0.005	<0.2	0.18	2	<10	10	<0.5	<2	0.03	<0.5	1	2	3	0.46
CLYFG3-2200		0.28	<0.005	<0.2	1.76	16	<10	50	<0.5	<2	0.04	<0.5	6	18	26	3.34
CLYFG3-2250		0.34	<0.005	<0.2	2.04	11	<10	70	0.5	<2	0.03	<0.5	8	20	37	3.61
CLYFG3-2300		0.28	<0.005	<0.2	1.61	8	<10	50	<0.5	<2	0.04	<0.5	6	16	25	2.95
CLYFG3-2350		0.28	<0.005	<0.2	0.33	4	<10	10	<0.5	<2	0.02	<0.5	1	2	8	0.66
CLYFG3-2400		0.28	<0.005	<0.2	0.73	8	<10	20	<0.5	<2	0.01	<0.5	3	9	11	1.84
CLYFG3-2450		0.36	<0.005	<0.2	0.96	14	<10	30	<0.5	<2	0.02	<0.5	5	13	18	2.71
CLYFG3-2500		0.34	<0.005	<0.2	0.68	10	<10	20	<0.5	<2	0.01	<0.5	4	8	12	1.90
CLYTB1-0000		0.30	0.005	<0.2	2.31	39	<10	40	1.6	<2	0.10	0.5	44	20	76	5.73
CLYTB1-0050		0.32	0.006	0.3	2.04	45	<10	40	1.2	2	0.07	<0.5	43	20	83	5.83
CLYTB1-0100		0.38	0.008	0.3	2.13	46	<10	40	1.0	2	0.12	<0.5	43	21	81	5.91
CLYTB1-0150		0.40	0.011	0.3	1.79	38	<10	40	0.8	<2	0.04	<0.5	33	19	68	5.20
CLYTB1-0200		0.46	<0.005	0.4	1.24	30	<10	30	<0.5	3	0.03	<0.5	7	16	46	4.92
CLYTB1-0250		0.32	<0.005	0.2	1.40	16	<10	30	<0.5	<2	0.05	<0.5	9	10	34	3.24
CLYTB1-0300		0.34	0.027	0.3	1.36	21	<10	30	0.5	<2	0.05	<0.5	18	14	48	4.93
CLYTB1-0350		0.28	<0.005	<0.2	2.27	16	<10	50	1.4	<2	0.23	<0.5	24	17	54	3.87
CLYTB1-0400		0.40	0.018	0.3	1.57	35	<10	40	0.7	<2	0.09	<0.5	29	15	59	5.08
CLYTB1-0450		0.40	0.010	0.3	1.52	31	<10	40	0.6	<2	0.06	<0.5	17	17	55	4.98
CLYTB1-0500		0.42	<0.005	<0.2	1.68	21	<10	40	0.6	2	0.04	<0.5	21	16	59	4.76
CLYTB1-0550		0.34	0.015	0.3	1.74	32	<10	40	0.7	<2	0.06	<0.5	29	17	71	5.28
CLYTB1-0600		0.34	<0.005	0.4	1.22	19	<10	30	0.5	<2	0.04	<0.5	19	15	58	4.58
CLYTB1-0650		0.54	<0.005	0.3	1.80	50	<10	40	0.6	2	0.02	<0.5	19	22	103	7.91
CLYTB1-0700		0.50	0.021	<0.2	1.72	46	<10	30	0.6	2	0.01	<0.5	19	21	89	7.35
CLYTB1-0750		0.52	0.035	<0.2	1.72	49	<10	30	0.6	2	0.01	<0.5	16	22	90	7.73
CLYTB1-0800		0.48	0.012	<0.2	1.80	39	<10	30	<0.5	3	0.02	<0.5	12	24	106	9.40
CLYTB1-0850		0.40	0.038	0.4	2.80	72	<10	60	1.3	2	0.06	<0.5	52	24	168	9.65
CLYTB1-0900		0.34	0.085	0.2	1.93	64	<10	50	0.7	<2	0.04	<0.5	20	21	112	8.27
CLYTB1-0950		0.30	0.008	0.3	1.94	39	<10	40	0.8	<2	0.04	<0.5	32	22	114	7.26
CLYTB1-1000		0.40	0.010	0.3	2.01	34	<10	50	0.8	<2	0.04	<0.5	29	21	108	6.98
CLYTB1-1050		0.50	0.011	0.3	2.06	40	<10	60	0.8	<2	0.05	<0.5	20	25	114	9.53
CLYTB1-1100		0.46	0.023	0.2	2.01	61	<10	30	0.6	2	0.03	<0.5	16	25	108	8.47
CLYTB1-1150		0.46	0.030	0.3	1.92	62	<10	40	0.6	2	0.04	<0.5	21	26	100	8.43
CLYTB1-1200		0.36	0.087	0.2	2.03	65	<10	40	0.8	2	0.05	<0.5	33	26	127	8.86

Comments: NSS is non-sufficient sample.

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CLYTB1-1250		0.42	0.124	0.4	2.15	102	<10	40	1.0	4	0.13	<0.5	47	25	150	7.88
CLYTB1-1300		0.46	0.039	0.4	1.82	88	<10	40	0.6	3	0.04	<0.5	15	26	96	10.00
CLYTB1-1350		0.36	0.013	0.2	1.72	69	<10	30	0.5	<2	0.03	<0.5	12	26	100	9.76
CLYTB1-1400		0.32	0.041	0.4	1.99	76	<10	40	0.6	2	0.04	<0.5	14	24	116	9.09
CLYTB1-1450		0.28	0.012	0.3	2.00	80	<10	30	0.6	2	0.02	<0.5	12	27	114	9.85
CLYTB1-1500		0.46	0.035	0.3	1.32	35	<10	50	<0.5	2	0.07	<0.5	12	19	95	8.59
CLYTB1-1550		0.42	0.016	0.2	1.66	58	<10	40	0.5	2	0.01	<0.5	12	28	81	9.64
CLYTB1-1600		0.42	0.011	0.3	1.62	61	<10	40	0.5	2	0.01	<0.5	11	29	79	10.25
CLYTB1-1650		0.40	0.016	<0.2	1.77	49	<10	30	0.5	<2	0.01	<0.5	10	24	100	8.39
CLYTB1-1700		0.30	0.009	0.2	1.54	60	<10	30	<0.5	2	0.01	<0.5	13	26	86	9.91
CLYTB1-1750		0.40	0.014	<0.2	1.71	44	<10	30	0.5	<2	0.01	<0.5	16	21	98	8.42
CLYTB1-1800		0.38	0.009	0.3	1.64	40	<10	30	<0.5	2	0.02	<0.5	10	22	87	7.54
CLYTB1-1850		0.34	0.066	<0.2	1.73	127	<10	30	0.5	2	0.01	<0.5	12	22	79	9.39
CLYTB1-1900		0.42	0.015	<0.2	1.77	52	<10	30	0.6	2	0.01	<0.5	14	25	82	9.12
CLYSH3-000		0.40	<0.005	<0.2	2.05	9	<10	50	0.5	<2	0.02	<0.5	13	24	52	4.87
CLYSH3-050		0.38	<0.005	<0.2	2.48	13	<10	60	0.5	<2	0.01	<0.5	15	25	64	5.12
CLYSH3-100		0.42	<0.005	<0.2	2.26	8	<10	40	0.6	<2	0.05	<0.5	18	23	49	4.69
CLYSH3-150		0.24	<0.005	<0.2	1.94	16	<10	40	1.3	<2	0.07	<0.5	19	16	61	3.71
CLYSH3-200		0.36	<0.005	<0.2	1.89	17	<10	30	0.8	<2	0.05	<0.5	36	18	68	5.15
CLYSH3-250		0.26	<0.005	<0.2	2.45	76	<10	40	1.9	2	0.17	<0.5	68	20	92	6.03
CLYSH3-250D		0.26	<0.005	<0.2	2.43	76	<10	40	1.8	<2	0.18	<0.5	68	20	91	6.07
CLYSH3-300		0.44	<0.005	<0.2	2.43	13	<10	50	0.5	<2	0.04	<0.5	9	22	37	4.32
CLYSH3-350		0.52	<0.005	<0.2	1.75	41	<10	40	<0.5	<2	0.07	<0.5	9	24	23	4.20
CLYSH3-400		0.48	<0.005	<0.2	2.18	11	<10	50	<0.5	<2	0.03	<0.5	7	23	35	5.14
CLYSH3-450		0.52	<0.005	<0.2	1.96	13	<10	40	0.5	<2	0.06	<0.5	9	21	37	4.43
CLYSH3-500		0.38	<0.005	<0.2	1.32	7	<10	30	<0.5	<2	0.03	<0.5	5	13	17	2.91
CLYSH3-550		0.40	<0.005	<0.2	2.42	12	<10	60	0.6	<2	0.10	<0.5	14	23	39	4.43
CLYSH3-600		0.40	<0.005	<0.2	2.15	6	<10	60	<0.5	<2	0.07	<0.5	9	23	30	3.95
CLYSH3-650		0.38	<0.005	<0.2	2.22	9	<10	60	0.7	<2	0.08	<0.5	19	20	25	3.67
CLYSH3-700		0.38	<0.005	<0.2	1.73	22	<10	30	<0.5	<2	0.04	<0.5	10	18	36	3.94
CLYSH3-750		0.40	<0.005	<0.2	1.08	19	<10	40	1.1	<2	0.22	<0.5	16	9	30	3.14
CLYSH3-800		0.40	<0.005	<0.2	1.10	12	<10	30	<0.5	<2	0.13	<0.5	10	8	21	2.75
CLYSH3-850		0.42	<0.005	<0.2	1.66	6	<10	50	<0.5	<2	0.07	<0.5	5	14	19	2.53
CLYSH3-850D		0.30	<0.005	<0.2	0.56	<2	<10	20	<0.5	<2	0.33	<0.5	5	13	7	2.07
CLYSH3-900		0.40	<0.005	<0.2	2.08	12	<10	60	0.6	<2	0.05	<0.5	13	30	39	3.71

Comments: NSS is non-sufficient sample.

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Date : 26-Nov-2003
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CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CLYFG3-0000		<10	<1	0.08	110	0.52	209	<1	0.01	77	790	30	0.11	<2	1	14
CLYFG3-0050		<10	<1	0.03	30	0.16	56	<1	0.01	14	690	16	0.06	<2	<1	13
CLYFG3-0100		<10	1	0.06	80	0.35	223	<1	0.01	33	820	39	0.09	<2	1	25
CLYFG3-0150		<10	<1	0.13	150	0.81	488	<1	0.01	106	700	60	0.05	<2	2	18
CLYFG3-0200		<10	<1	0.12	80	0.77	1350	<1	0.01	110	700	42	0.05	<2	2	18
CLYFG3-0250		<10	<1	0.10	50	0.74	545	<1	<0.01	30	870	43	0.04	<2	1	24
CLYFG3-0250D		<10	<1	0.10	60	0.73	569	<1	<0.01	33	1000	49	0.05	<2	1	27
CLYFG3-0300		<10	<1	0.11	70	0.76	1180	2	0.01	78	720	29	0.04	<2	2	28
CLYFG3-0350		<10	<1	0.11	60	0.73	549	<1	0.01	61	1130	70	0.06	<2	2	30
CLYFG3-0400		10	<1	0.08	30	0.39	285	<1	<0.01	19	680	28	0.04	<2	1	16
CLYFG3-0450		<10	<1	0.08	20	0.52	493	<1	0.01	28	760	31	0.04	<2	1	17
CLYFG3-0500		<10	<1	0.10	30	0.78	480	<1	0.01	58	570	55	0.04	<2	1	29
CLYFG3-0550		<10	<1	0.07	20	0.28	823	<1	0.01	13	1130	35	0.07	<2	<1	16
CLYFG3-0600		<10	<1	0.10	40	0.82	822	2	0.01	48	840	120	0.07	2	2	27
CLYFG3-0650		<10	<1	0.04	10	0.13	40	<1	0.02	5	710	49	0.05	<2	<1	7
CLYFG3-0700		<10	<1	0.09	20	0.44	727	<1	0.01	27	1210	59	0.08	2	<1	18
CLYFG3-0750		<10	<1	0.08	30	0.74	954	<1	0.01	58	880	97	0.08	<2	1	54
CLYFG3-0800		<10	<1	0.09	30	0.81	754	<1	0.01	52	670	96	0.08	<2	2	50
CLYFG3-0850		<10	<1	0.11	30	0.86	858	<1	0.01	58	750	97	0.07	2	1	58
CLYFG3-0850D		<10	<1	0.11	30	0.83	827	1	0.01	55	750	93	0.07	<2	1	57
CLYFG3-0900		<10	<1	0.02	<10	0.03	28	<1	0.02	2	330	7	0.02	<2	<1	8
CLYFG3-0950		<10	<1	0.05	10	0.13	126	<1	0.02	9	720	23	0.05	<2	<1	18
CLYFG3-1000		<10	<1	0.02	<10	0.02	55	<1	0.02	1	200	3	0.01	<2	<1	8
CLYFG3-1050		<10	<1	0.12	20	0.63	532	<1	0.01	37	870	71	0.06	<2	1	264
CLYFG3-1100		<10	<1	0.02	<10	0.03	22	<1	0.02	2	300	2	0.02	<2	<1	10
CLYFG3-1150		<10	<1	0.06	10	0.32	205	<1	0.01	13	730	31	0.05	<2	<1	23
CLYFG3-1200		<10	1	0.06	10	0.35	250	<1	0.01	15	770	30	0.05	<2	<1	17
CLYFG3-1250		<10	<1	0.02	<10	0.04	60	<1	0.03	5	280	2	0.02	<2	<1	12
CLYFG3-1300		<10	<1	0.02	<10	0.03	82	<1	0.02	2	310	5	0.03	<2	<1	8
CLYFG3-1350		<10	<1	0.02	<10	0.04	51	<1	0.03	3	310	6	0.03	<2	<1	13
CLYFG3-1400		10	<1	0.25	20	1.27	743	<1	0.07	73	830	48	0.07	2	3	207
CLYFG3-1450		<10	<1	0.13	20	0.84	723	1	0.01	64	800	80	0.08	<2	2	164
CLYFG3-1450B		<10	<1	0.04	<10	0.22	160	<1	0.02	7	360	<2	<0.01	<2	1	24
CLYFG3-1500		<10	<1	0.10	30	0.76	895	<1	0.01	68	730	67	0.09	<2	2	146
CLYFG3-1550		<10	<1	0.10	30	0.75	534	2	0.01	44	970	70	0.11	2	2	122
CLYFG3-1600		<10	<1	0.14	30	0.87	805	1	0.01	63	760	64	0.09	2	2	161
CLYFG3-1650		10	<1	0.15	30	0.90	881	2	0.01	64	720	57	0.08	3	2	136
CLYFG3-1700		10	<1	0.10	20	0.59	429	2	0.01	22	1140	40	0.09	2	<1	80
CLYFG3-1750		<10	<1	0.09	40	0.63	594	2	0.01	31	750	54	0.07	4	2	28
CLYFG3-1800		<10	1	0.09	40	0.71	443	2	0.01	35	760	51	0.05	4	2	48

Comments: NSS is non-sufficient sample.

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Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CLYFG3-1850		<10	1	0.10	40	0.72	454	2	0.01	36	760	55	0.05	4	2	45
CLYFG3-1900		<10	<1	0.09	30	0.69	530	1	0.01	34	690	44	0.04	4	2	38
CLYFG3-1950		<10	<1	0.02	<10	0.03	22	<1	0.03	1	320	5	0.03	<2	<1	13
CLYFG3-2000		<10	<1	0.06	10	0.21	73	1	0.01	7	580	16	0.04	2	<1	54
CLYFG3-2050		10	1	0.11	20	0.37	104	1	0.02	14	490	16	0.03	3	1	46
CLYFG3-2050D		10	1	0.09	20	0.25	82	1	0.01	10	510	15	0.03	3	<1	57
CLYFG3-2100		<10	<1	0.02	<10	0.02	14	<1	0.03	3	290	3	0.03	<2	<1	7
CLYFG3-2150		<10	<1	0.02	<10	0.03	15	<1	0.03	2	310	3	0.03	<2	<1	8
CLYFG3-2200		10	<1	0.14	20	0.64	169	1	0.01	16	520	25	0.03	<2	1	16
CLYFG3-2250		10	<1	0.19	30	0.77	221	<1	0.01	26	430	25	0.02	<2	1	10
CLYFG3-2300		<10	<1	0.14	20	0.60	173	<1	0.01	18	520	22	0.02	<2	1	9
CLYFG3-2350		<10	<1	0.03	<10	0.05	22	1	0.02	2	370	8	0.02	<2	<1	10
CLYFG3-2400		<10	<1	0.09	20	0.27	95	<1	0.01	8	290	12	0.02	<2	<1	6
CLYFG3-2450		10	<1	0.11	20	0.34	132	1	0.01	11	420	12	0.03	<2	1	5
CLYFG3-2500		<10	<1	0.08	20	0.24	100	1	0.01	9	330	13	0.02	<2	<1	5
CLYTB1-0000		<10	<1	0.11	40	0.84	914	2	0.01	68	810	68	0.07	2	2	62
CLYTB1-0050		10	<1	0.14	30	0.87	897	2	0.01	57	810	99	0.08	2	2	80
CLYTB1-0100		10	<1	0.15	30	0.83	947	3	0.01	45	970	94	0.10	<2	2	66
CLYTB1-0150		<10	<1	0.10	30	0.78	651	2	0.01	46	660	50	0.05	<2	2	45
CLYTB1-0200		<10	1	0.09	10	0.57	200	2	0.01	10	1470	122	0.12	<2	<1	20
CLYTB1-0250		<10	<1	0.06	20	0.29	195	1	0.02	18	910	50	0.08	<2	<1	38
CLYTB1-0300		<10	1	0.10	20	0.41	319	2	0.02	23	1370	58	0.10	<2	<1	40
CLYTB1-0350		<10	<1	0.11	80	0.60	237	1	0.02	115	700	42	0.05	<2	2	54
CLYTB1-0400		<10	<1	0.09	20	0.62	528	3	0.01	36	1000	54	0.09	3	1	44
CLYTB1-0450		<10	<1	0.09	20	0.62	336	2	0.01	28	1130	50	0.09	3	1	44
CLYTB1-0500		<10	<1	0.08	30	0.57	445	2	0.01	32	770	57	0.06	<2	1	68
CLYTB1-0550		<10	<1	0.10	20	0.61	569	2	0.01	34	880	57	0.09	2	1	44
CLYTB1-0600		<10	<1	0.07	20	0.43	381	2	0.01	29	1270	53	0.12	<2	<1	29
CLYTB1-0650		10	<1	0.09	30	0.75	378	2	0.01	28	1030	91	0.12	3	2	74
CLYTB1-0700		10	<1	0.08	30	0.76	374	2	0.01	26	860	83	0.13	3	2	57
CLYTB1-0750		<10	1	0.08	30	0.78	348	2	0.01	24	890	83	0.13	3	2	53
CLYTB1-0800		10	<1	0.11	30	0.84	303	2	0.01	14	1450	95	0.17	3	2	50
CLYTB1-0850		10	1	0.26	20	1.03	1330	5	0.01	60	1170	97	0.27	4	3	112
CLYTB1-0900		10	<1	0.14	20	0.79	515	3	0.01	25	1040	81	0.17	4	2	86
CLYTB1-0950		<10	<1	0.10	30	0.76	544	3	0.01	42	1000	83	0.09	3	2	84
CLYTB1-1000		<10	<1	0.11	30	0.73	555	3	0.01	35	1080	87	0.11	3	2	98
CLYTB1-1050		<10	1	0.14	30	0.80	517	5	0.01	30	1290	103	0.24	3	2	218
CLYTB1-1100		10	1	0.09	30	0.84	368	2	0.01	24	1130	82	0.11	3	1	81
CLYTB1-1150		10	1	0.11	20	0.88	507	3	0.01	27	1130	82	0.16	5	2	122
CLYTB1-1200		10	<1	0.13	20	0.83	579	3	0.01	41	1140	66	0.14	4	2	76

Comments: NSS is non-sufficient sample.

ALS Chemex
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700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CLYTB1-1250		10	<1	0.14	30	0.92	656	3	0.02	57	960	76	0.11	4	2	67
CLYTB1-1300		<10	1	0.12	20	0.77	340	3	0.01	20	1180	87	0.30	7	2	88
CLYTB1-1350		10	<1	0.12	20	0.72	267	2	0.01	14	1210	72	0.20	5	1	35
CLYTB1-1400		10	1	0.11	30	0.71	314	3	0.01	20	1110	76	0.17	5	2	79
CLYTB1-1450		<10	1	0.08	20	0.67	298	4	0.01	14	1290	68	0.11	4	1	73
CLYTB1-1500		<10	1	0.08	10	0.51	209	2	0.01	14	1140	52	0.19	2	2	349
CLYTB1-1550		<10	1	0.12	20	0.76	266	3	0.01	16	1040	85	0.40	5	2	113
CLYTB1-1600		<10	1	0.11	20	0.75	259	3	0.01	15	1070	92	0.47	4	1	102
CLYTB1-1650		10	1	0.10	30	0.80	272	2	0.01	13	920	77	0.09	4	1	24
CLYTB1-1700		<10	<1	0.09	20	0.73	272	3	0.01	15	1050	76	0.34	5	1	98
CLYTB1-1750		10	<1	0.08	30	0.74	428	2	0.01	16	980	72	0.08	2	2	49
CLYTB1-1800		10	<1	0.08	20	0.67	220	1	0.01	13	960	52	0.09	2	1	75
CLYTB1-1850		10	1	0.11	30	0.76	254	2	0.01	15	1030	65	0.16	4	2	104
CLYTB1-1900		10	1	0.14	30	0.83	287	2	0.01	18	920	69	0.27	2	2	62
CLYSH3-000		10	<1	0.16	40	0.94	232	1	0.01	31	600	28	0.03	<2	2	7
CLYSH3-050		10	1	0.23	40	0.92	274	1	0.01	25	710	48	0.06	<2	2	9
CLYSH3-100		10	<1	0.12	50	0.93	363	1	0.01	41	510	26	0.03	<2	2	9
CLYSH3-150		<10	1	0.07	300	0.48	256	1	0.01	44	930	44	0.10	<2	1	18
CLYSH3-200		<10	1	0.07	30	0.51	716	1	0.01	37	940	47	0.08	<2	1	13
CLYSH3-250		10	<1	0.08	100	0.66	1080	2	0.02	104	1020	110	0.10	<2	2	42
CLYSH3-250D		<10	1	0.07	100	0.66	1075	1	0.02	106	1000	111	0.10	<2	2	41
CLYSH3-300		10	<1	0.15	40	0.76	261	1	0.01	30	750	76	0.06	<2	1	8
CLYSH3-350		10	1	0.09	20	0.68	276	2	0.01	13	920	22	0.09	<2	<1	10
CLYSH3-400		10	<1	0.11	20	0.58	185	1	0.01	11	800	29	0.06	<2	1	6
CLYSH3-450		10	1	0.14	30	0.77	219	1	0.01	14	730	30	0.05	<2	1	9
CLYSH3-500		10	1	0.08	10	0.32	147	1	0.01	5	550	9	0.05	<2	<1	6
CLYSH3-550		10	<1	0.17	70	0.75	327	2	0.01	30	650	31	0.05	<2	1	14
CLYSH3-600		10	<1	0.13	20	0.98	286	<1	0.01	16	320	15	0.02	<2	2	9
CLYSH3-650		10	<1	0.13	40	0.76	235	1	0.01	59	960	19	0.04	<2	2	14
CLYSH3-700		<10	<1	0.10	30	0.63	290	1	0.01	12	730	26	0.03	<2	1	8
CLYSH3-750		<10	<1	0.05	90	0.40	631	1	0.01	34	690	43	0.04	<2	2	35
CLYSH3-800		<10	<1	0.05	20	0.22	1040	2	0.01	12	810	17	0.05	<2	<1	19
CLYSH3-850		10	1	0.09	20	0.44	124	1	0.01	13	500	10	0.03	<2	<1	15
CLYSH3-850D		<10	1	0.04	<10	0.23	153	<1	0.03	6	400	<2	<0.01	<2	1	23
CLYSH3-900		10	<1	0.13	50	0.77	250	1	0.01	32	540	18	0.03	<2	2	10

Comments: NSS is non-sufficient sample.

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700-700 W PENDER ST
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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CLYFG3-0000		0.03	<10	<10	22	<10	169
CLYFG3-0050		0.02	<10	<10	12	<10	30
CLYFG3-0100		0.02	<10	<10	17	<10	82
CLYFG3-0150		0.04	<10	<10	29	<10	172
CLYFG3-0200		0.04	<10	<10	22	<10	214
CLYFG3-0250		0.02	<10	<10	21	<10	162
CLYFG3-0250D		0.02	<10	<10	22	<10	169
CLYFG3-0300		0.03	<10	10	20	<10	237
CLYFG3-0350		0.02	<10	10	20	<10	112
CLYFG3-0400		0.03	<10	<10	31	<10	73
CLYFG3-0450		0.02	<10	<10	20	<10	98
CLYFG3-0500		0.02	<10	<10	19	<10	172
CLYFG3-0550		0.01	<10	<10	22	<10	57
CLYFG3-0600		0.01	<10	<10	17	<10	167
CLYFG3-0650		<0.01	<10	<10	6	<10	16
CLYFG3-0700		0.01	<10	<10	19	<10	93
CLYFG3-0750		0.01	<10	<10	16	<10	151
CLYFG3-0800		0.01	<10	<10	15	<10	134
CLYFG3-0850		0.01	<10	<10	18	<10	136
CLYFG3-0850D		0.01	<10	<10	18	<10	133
CLYFG3-0900		0.01	<10	<10	9	<10	8
CLYFG3-0950		<0.01	<10	<10	10	<10	28
CLYFG3-1000		0.01	<10	<10	9	<10	5
CLYFG3-1050		0.02	<10	<10	22	<10	102
CLYFG3-1100		0.01	<10	<10	9	<10	6
CLYFG3-1150		0.01	<10	<10	19	<10	46
CLYFG3-1200		0.01	<10	<10	20	<10	50
CLYFG3-1250		0.01	<10	<10	8	<10	8
CLYFG3-1300		0.02	<10	<10	7	<10	5
CLYFG3-1350		0.01	<10	<10	7	<10	7
CLYFG3-1400		0.08	<10	<10	45	<10	146
CLYFG3-1450		0.03	<10	<10	25	<10	161
CLYFG3-1450B		0.06	<10	<10	71	<10	18
CLYFG3-1500		0.02	<10	<10	18	<10	143
CLYFG3-1550		0.02	<10	<10	20	<10	105
CLYFG3-1600		0.04	<10	<10	24	<10	127
CLYFG3-1650		0.05	<10	10	24	<10	134
CLYFG3-1700		0.03	<10	<10	23	<10	67
CLYFG3-1750		0.02	<10	<10	16	<10	97
CLYFG3-1800		0.04	<10	<10	20	<10	98

Comments: NSS is non-sufficient sample.

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CLYFG3-1850		0.05	<10	<10	20	<10	97
CLYFG3-1900		0.04	<10	<10	18	<10	94
CLYFG3-1950		0.02	<10	<10	9	<10	4
CLYFG3-2000		0.03	<10	<10	27	<10	25
CLYFG3-2050		0.05	<10	<10	40	<10	30
CLYFG3-2050D		0.04	<10	<10	39	<10	28
CLYFG3-2100		0.01	<10	<10	7	<10	5
CLYFG3-2150		0.01	<10	<10	7	<10	5
CLYFG3-2200		0.02	<10	<10	20	<10	53
CLYFG3-2250		0.02	<10	<10	19	<10	76
CLYFG3-2300		0.02	<10	<10	17	<10	57
CLYFG3-2350		0.01	<10	<10	8	<10	10
CLYFG3-2400		0.02	<10	<10	17	<10	26
CLYFG3-2450		0.03	<10	<10	31	<10	37
CLYFG3-2500		0.02	<10	<10	18	<10	25
CLYTB1-0000		0.02	<10	<10	21	<10	237
CLYTB1-0050		0.02	<10	<10	20	<10	188
CLYTB1-0100		0.02	<10	<10	22	<10	146
CLYTB1-0150		0.02	<10	<10	18	<10	124
CLYTB1-0200		0.02	<10	<10	18	<10	54
CLYTB1-0250		0.02	<10	<10	18	<10	62
CLYTB1-0300		0.02	<10	<10	21	<10	90
CLYTB1-0350		0.03	<10	10	18	<10	199
CLYTB1-0400		0.02	<10	<10	15	<10	112
CLYTB1-0450		0.02	<10	<10	17	<10	90
CLYTB1-0500		0.01	<10	<10	16	<10	91
CLYTB1-0550		0.01	<10	<10	15	<10	99
CLYTB1-0600		0.01	<10	<10	15	<10	81
CLYTB1-0650		0.01	<10	10	17	<10	94
CLYTB1-0700		0.01	<10	<10	15	<10	88
CLYTB1-0750		0.01	<10	<10	15	<10	88
CLYTB1-0800		0.02	<10	<10	20	<10	69
CLYTB1-0850		0.04	<10	10	27	<10	135
CLYTB1-0900		0.03	<10	10	22	<10	85
CLYTB1-0950		0.02	<10	10	18	<10	116
CLYTB1-1000		0.02	<10	10	20	<10	101
CLYTB1-1050		0.04	<10	10	23	<10	95
CLYTB1-1100		0.05	<10	<10	19	<10	82
CLYTB1-1150		0.05	<10	10	20	<10	87
CLYTB1-1200		0.11	<10	<10	24	<10	105

Comments: NSS is non-sufficient sample.

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023736

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CLYTB1-1250		0.05	<10	10	25	<10	122
CLYTB1-1300		0.04	<10	10	21	<10	77
CLYTB1-1350		0.04	<10	<10	21	<10	60
CLYTB1-1400		0.03	<10	<10	21	<10	75
CLYTB1-1450		0.03	<10	<10	22	<10	67
CLYTB1-1500		0.05	<10	<10	28	<10	65
CLYTB1-1550		0.02	<10	<10	18	<10	69
CLYTB1-1600		0.02	<10	<10	18	<10	73
CLYTB1-1650		0.02	<10	<10	17	<10	68
CLYTB1-1700		0.02	<10	<10	17	<10	66
CLYTB1-1750		0.02	<10	<10	16	<10	70
CLYTB1-1800		0.02	<10	<10	17	<10	60
CLYTB1-1850		0.03	<10	<10	17	<10	70
CLYTB1-1900		0.04	<10	<10	19	<10	81
CLYSH3-000		0.04	<10	<10	21	<10	98
CLYSH3-050		0.05	<10	<10	22	<10	87
CLYSH3-100		0.03	<10	<10	22	<10	123
CLYSH3-150		0.02	<10	<10	18	<10	111
CLYSH3-200		0.02	<10	<10	19	<10	106
CLYSH3-250		0.03	<10	<10	25	<10	284
CLYSH3-250D		0.03	<10	<10	25	<10	282
CLYSH3-300		0.04	<10	<10	26	<10	86
CLYSH3-350		0.03	<10	<10	34	<10	67
CLYSH3-400		0.04	<10	<10	26	<10	55
CLYSH3-450		0.04	<10	<10	25	<10	66
CLYSH3-500		0.03	<10	<10	24	<10	36
CLYSH3-550		0.04	<10	<10	29	<10	98
CLYSH3-600		0.05	<10	<10	27	<10	69
CLYSH3-650		0.02	<10	<10	18	<10	137
CLYSH3-700		0.03	<10	<10	20	<10	62
CLYSH3-750		0.01	<10	<10	11	<10	228
CLYSH3-800		0.02	<10	<10	15	<10	96
CLYSH3-850		0.03	<10	<10	20	<10	49
CLYSH3-850D		0.07	<10	<10	63	<10	17
CLYSH3-900		0.03	<10	<10	26	<10	74

Comments: NSS is non-sufficient sample.

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CERTIFICATE VA03023861

Project : RFM03-18

P.O. No:

This report is for 53 STREAM SEDIMENT samples submitted to our lab in Vancouver, BC, Canada on 5-Jul-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

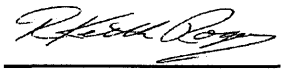
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: EQUITY ENGINEERING LTD.
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
133568		0.30	<0.2	2.02	16	<10	20	1.6	2	0.06	0.6	49	20	79	4.68	<10
133569		1.80	<0.2	1.87	17	<10	20	1.4	<2	0.07	0.5	42	20	75	4.83	<10
133570		0.32	<0.2	2.58	44	<10	50	1.6	2	0.27	<0.5	44	28	116	6.37	10
133571		0.68	<0.2	2.32	38	<10	40	1.4	<2	0.23	<0.5	38	27	96	6.15	10
133572		0.42	<0.2	1.94	18	<10	30	2.3	<2	0.25	<0.5	53	22	77	4.39	<10
133573		1.10	<0.2	1.92	24	<10	30	2.3	<2	0.25	<0.5	51	23	70	4.39	<10
133574		0.38	<0.2	1.94	21	<10	20	1.7	<2	0.09	0.6	46	19	84	4.67	<10
133574 B		0.24	<0.2	0.54	<2	<10	20	<0.5	<2	0.32	<0.5	5	15	7	2.45	<10
133575		1.88	<0.2	1.69	18	<10	20	1.4	<2	0.08	0.6	39	19	74	4.92	<10
133576		0.46	<0.2	1.98	23	<10	20	1.8	<2	0.12	0.6	56	19	78	4.50	<10
133577		1.28	<0.2	1.72	22	<10	20	1.3	<2	0.12	<0.5	40	18	74	4.80	<10
133578		0.28	<0.2	1.36	14	<10	30	<0.5	<2	0.79	<0.5	12	14	30	2.45	<10
133579		1.80	<0.2	1.29	12	<10	30	<0.5	<2	0.57	<0.5	11	13	22	2.39	<10
133580		0.36	<0.2	0.23	131	<10	20	<0.5	3	0.21	11.9	42	6	13	>15	<10
133581		0.46	<0.2	1.93	18	<10	30	2.1	<2	0.19	<0.5	51	26	83	4.89	<10
133582		0.40	<0.2	2.05	24	<10	40	2.4	<2	0.27	<0.5	54	22	91	4.82	<10
133374		0.24	<0.2	2.73	10	<10	30	0.8	<2	0.07	<0.5	17	23	124	4.06	<10
133375		0.26	0.2	1.68	11	<10	40	2.4	7	0.59	0.8	13	10	52	2.67	10
133376		0.38	0.2	1.77	6	<10	40	1.5	2	0.30	<0.5	16	19	40	3.40	10
133376 D		0.32	<0.2	1.75	5	<10	40	1.5	2	0.30	<0.5	16	19	41	3.44	10
133377		0.48	0.2	1.71	10	<10	40	1.8	4	0.50	0.5	14	18	35	3.28	10
133378		0.34	0.3	1.35	29	<10	50	1.8	4	0.29	0.7	4	3	22	1.60	10
133379		0.60	<0.2	2.12	10	<10	60	1.3	<2	0.49	<0.5	33	33	51	4.39	10
133380		0.38	0.3	1.96	10	<10	50	1.3	<2	0.52	0.8	10	18	19	2.36	10
133381		0.56	<0.2	2.12	15	<10	60	1.4	<2	0.39	<0.5	32	33	50	4.41	10
133382		0.44	0.5	1.27	33	<10	50	1.9	7	0.51	<0.5	5	4	12	2.02	<10
133383		0.30	0.2	2.64	16	<10	60	2.3	<2	0.76	0.9	81	35	89	4.26	10
133384		0.38	<0.2	4.57	5	<10	70	3.3	2	0.12	2.1	292	29	104	4.10	10
133385		0.50	<0.2	2.02	5	<10	80	1.2	<2	0.21	0.7	50	34	53	4.65	10
133385 B		0.26	<0.2	0.54	<2	<10	20	<0.5	<2	0.32	<0.5	6	16	7	2.39	<10
133386		0.56	<0.2	1.86	17	<10	20	1.0	<2	0.06	<0.5	28	20	69	5.08	<10
133387		1.88	<0.2	1.69	21	<10	20	0.9	<2	0.06	<0.5	26	19	69	5.23	<10
133388		0.60	<0.2	1.98	15	<10	20	1.1	<2	0.06	<0.5	29	20	65	4.98	<10
133389		0.66	<0.2	1.67	19	<10	20	0.8	<2	0.05	<0.5	20	20	61	5.17	<10
133390		0.56	0.2	2.09	25	<10	60	1.0	<2	0.33	0.8	21	26	53	3.90	10
133391		0.70	0.8	2.86	133	<10	40	3.8	3	0.34	18.6	98	24	399	4.79	10
133418		0.50	<0.2	2.80	30	<10	20	2.8	<2	0.14	<0.5	47	10	83	3.74	<10
133419		0.38	<0.2	11.00	13	<10	30	28.7	<2	0.08	0.6	191	12	284	2.51	<10
133420		0.72	<0.2	1.89	13	<10	30	1.3	<2	0.14	<0.5	41	20	68	4.71	<10
133421		0.52	<0.2	1.85	6	<10	40	<0.5	<2	0.03	<0.5	8	20	32	4.19	10

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To: **EQUITY ENGINEERING LTD.**
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
133422		0.28	<0.2	1.61	106	<10	40	1.3	<2	0.46	0.6	64	15	50	3.62	<10
133423		0.30	<0.2	1.14	16	<10	20	<0.5	<2	0.36	<0.5	14	12	32	2.67	<10
133424		0.32	<0.2	2.56	10	<10	90	1.1	3	0.76	<0.5	59	38	126	6.62	10
133425		0.32	<0.2	4.59	37	<10	30	7.9	<2	0.17	<0.5	324	11	228	3.47	<10
133426		0.24	0.3	1.77	24	<10	50	0.7	<2	1.03	0.5	15	19	60	4.40	<10
133427		0.42	<0.2	5.37	45	<10	50	9.7	<2	0.27	0.5	510	10	283	3.29	<10
133428		0.42	<0.2	2.63	9	<10	90	1.4	3	0.73	<0.5	66	33	94	6.36	10
133429		0.34	<0.2	8.91	44	<10	30	14.7	<2	0.19	<0.5	405	7	359	2.67	<10
133430		0.44	<0.2	2.60	21	<10	50	4.3	<2	0.22	2.4	135	25	164	5.15	10
133431		0.34	<0.2	2.29	20	<10	50	3.3	<2	0.40	1.9	110	23	128	4.63	<10
133432		0.50	<0.2	1.88	15	<10	50	1.4	2	0.28	0.6	44	27	59	4.50	10
133433		0.58	<0.2	1.94	44	<10	60	1.1	<2	0.34	1.5	92	21	122	6.78	<10
133434		0.46	<0.2	1.37	10	<10	40	0.5	<2	0.19	<0.5	18	14	21	2.59	<10

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700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01
133568		<1	0.08	60	0.80	1485	<1	0.01	83	430	33	0.10	<2	2	20	0.03
133569		<1	0.07	60	0.78	1205	<1	0.01	74	450	33	0.09	<2	2	29	0.03
133570		<1	0.14	30	0.88	787	2	0.02	71	660	58	0.11	<2	2	199	0.05
133571		<1	0.13	20	0.88	700	1	0.02	62	570	49	0.09	<2	2	180	0.05
133572		<1	0.11	240	0.93	1455	<1	0.01	203	580	36	0.06	<2	2	42	0.03
133573		<1	0.11	230	0.93	1275	<1	0.01	206	590	33	0.06	<2	2	46	0.03
133574		<1	0.07	60	0.79	1340	<1	0.01	83	440	34	0.09	<2	2	34	0.03
133574 B		1	0.04	<10	0.23	162	<1	0.02	7	360	<2	<0.01	<2	1	24	0.07
133575		<1	0.07	50	0.77	1060	<1	0.01	72	450	31	0.08	<2	2	31	0.03
133576		<1	0.08	90	0.82	1610	<1	0.01	110	450	33	0.07	<2	2	30	0.03
133577		<1	0.07	60	0.74	918	<1	0.01	80	480	34	0.05	<2	2	32	0.04
133578		<1	0.10	10	0.65	591	<1	0.04	21	460	32	0.03	<2	2	73	0.03
133579		<1	0.09	20	0.63	449	<1	0.04	20	370	27	0.02	<2	1	59	0.03
133580		1	0.02	20	0.03	423	<1	<0.01	16	310	8	0.11	<2	<1	31	0.01
133581		<1	0.14	380	1.02	1240	<1	0.01	154	570	36	0.10	<2	2	35	0.04
133582		<1	0.13	470	0.95	1440	<1	0.01	190	600	42	0.09	<2	2	45	0.03
133374		<1	0.11	50	0.74	148	1	0.01	61	790	38	0.22	<2	2	60	0.03
133375		<1	0.11	30	0.46	1135	21	0.02	19	840	128	0.05	<2	2	55	0.02
133376		<1	0.15	30	0.65	792	5	0.01	29	720	54	0.03	<2	2	38	0.05
133376 D		<1	0.15	30	0.65	759	4	0.01	28	730	52	0.03	<2	2	38	0.05
133377		<1	0.13	30	0.63	695	7	0.02	27	760	66	0.05	<2	2	55	0.04
133378		<1	0.22	30	0.27	1170	9	0.02	3	380	69	0.03	<2	4	16	0.03
133379		<1	0.27	30	1.02	771	4	0.02	83	830	26	0.06	<2	4	52	0.11
133380		<1	0.16	20	0.70	561	7	0.02	18	790	87	0.06	<2	2	35	0.06
133381		<1	0.28	30	1.00	765	9	0.02	65	730	26	0.04	<2	4	38	0.10
133382		<1	0.10	20	0.31	1175	17	0.02	5	600	93	0.03	<2	2	46	0.01
133383		<1	0.27	30	0.98	1870	<1	0.05	208	1100	28	0.11	<2	5	110	0.12
133384		<1	0.23	50	0.79	4900	<1	0.01	371	730	27	0.51	<2	3	24	0.07
133385		<1	0.29	50	1.09	749	<1	0.01	83	720	20	0.06	<2	3	25	0.09
133385 B		<1	0.04	<10	0.23	160	<1	0.02	7	380	<2	<0.01	<2	1	24	0.07
133386		<1	0.08	50	0.83	573	<1	0.01	44	480	34	0.10	<2	2	17	0.03
133387		<1	0.07	40	0.80	580	<1	0.01	43	450	33	0.09	<2	2	16	0.03
133388		<1	0.08	40	0.83	654	<1	0.01	44	440	35	0.13	<2	2	16	0.03
133389		<1	0.08	40	0.82	420	<1	0.01	34	480	35	0.09	<2	2	15	0.03
133390		<1	0.08	20	0.91	721	<1	0.01	42	520	76	0.04	<2	2	53	0.01
133391		<1	0.08	70	0.78	2110	<1	0.01	114	740	190	0.08	<2	2	72	0.02
133418		<1	0.04	50	0.38	816	<1	0.01	76	690	34	0.40	<2	2	23	0.01
133419		<1	0.06	50	0.35	5820	<1	0.01	269	580	36	2.08	<2	2	46	0.02
133420		<1	0.12	60	0.84	652	<1	0.01	77	520	36	0.06	<2	2	22	0.03
133421		<1	0.09	30	0.82	226	<1	<0.01	17	410	21	0.02	<2	1	15	0.01

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CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01
133422		<1	0.07	60	0.59	1330	<1	0.01	114	1000	45	0.06	<2	2	47	0.01
133423		<1	0.05	30	0.52	401	<1	0.01	26	720	37	0.05	<2	1	33	0.01
133424		<1	0.35	40	1.26	779	<1	0.02	98	1220	19	0.11	<2	5	58	0.21
133425		<1	0.07	340	0.52	7100	<1	0.01	404	560	26	0.24	<2	2	36	0.02
133426		<1	0.11	30	0.68	363	<1	0.01	32	1050	33	0.12	<2	2	57	0.02
133427		<1	0.07	510	0.50	>10000	<1	0.01	712	510	31	0.23	<2	2	47	0.02
133428		<1	0.41	60	1.34	883	<1	0.02	94	1800	20	0.08	<2	4	58	0.25
133429		<1	0.05	430	0.35	9200	<1	0.01	478	460	31	0.84	<2	1	47	0.01
133430		<1	0.19	330	0.89	4290	1	0.01	410	630	43	0.15	<2	2	45	0.04
133431		<1	0.18	260	0.84	3190	1	0.01	288	740	43	0.14	<2	2	54	0.03
133432		<1	0.19	120	0.95	1080	2	0.01	95	640	35	0.11	<2	2	45	0.04
133433		<1	0.15	100	0.84	4440	2	0.01	247	1010	88	0.09	<2	4	47	0.02
133434		<1	0.08	40	0.47	511	<1	0.01	40	630	19	0.07	<2	1	22	0.02

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CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA23 Au ppm 0.005
133568		<10	<10	17	<10	248	<0.005
133569		<10	<10	18	<10	234	0.067
133570		<10	10	24	<10	142	0.005
133571		<10	<10	23	<10	130	0.040
133572		<10	<10	21	<10	473	<0.005
133573		<10	<10	20	<10	497	0.040
133574		<10	<10	18	<10	274	<0.005
133574 B		<10	<10	74	<10	19	<0.005
133575		<10	<10	18	<10	243	<0.005
133576		<10	<10	18	<10	304	<0.005
133577		<10	<10	17	<10	222	0.009
133578		<10	<10	17	<10	71	<0.005
133579		<10	<10	17	<10	63	0.007
133580		<10	<10	1	<10	42	<0.005
133581		<10	<10	24	<10	397	<0.005
133582		<10	<10	23	<10	525	0.005
133374		<10	10	21	<10	146	<0.005
133375		<10	70	24	10	161	<0.005
133376		<10	20	26	<10	122	<0.005
133376 D		<10	20	26	<10	122	<0.005
133377		<10	30	26	10	135	<0.005
133378		<10	130	12	<10	94	0.012
133379		<10	10	45	<10	183	<0.005
133380		<10	110	32	<10	166	<0.005
133381		<10	20	44	<10	143	<0.005
133382		<10	70	14	<10	76	<0.005
133383		<10	20	49	<10	383	<0.005
133384		<10	<10	32	<10	435	<0.005
133385		<10	<10	38	<10	190	<0.005
133385 B		<10	<10	73	<10	18	<0.005
133386		<10	<10	18	<10	153	<0.005
133387		<10	<10	18	<10	160	<0.005
133388		<10	<10	18	<10	156	<0.005
133389		<10	<10	17	<10	118	<0.005
133390		<10	<10	15	<10	226	<0.005
133391		<10	10	15	<10	2140	<0.005
133418		<10	<10	11	<10	157	<0.005
133419		<10	50	14	<10	468	<0.005
133420		<10	10	19	<10	189	<0.005
133421		<10	<10	19	<10	65	<0.005

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Phone: 604 984 0221 Fax: 604 984 0218

To: **EQUITY ENGINEERING LTD.**
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03023861

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA23 Au ppm 0.005
133422		<10	<10	15	<10	238	<0.005
133423		<10	<10	11	<10	71	<0.005
133424		<10	10	70	<10	217	<0.005
133425		<10	<10	14	<10	965	<0.005
133426		<10	10	19	<10	99	<0.005
133427		<10	<10	14	<10	1485	<0.005
133428		<10	<10	66	<10	219	<0.005
133429		<10	10	9	<10	1150	<0.005
133430		<10	<10	22	<10	999	<0.005
133431		<10	<10	21	<10	712	<0.005
133432		<10	<10	24	<10	318	<0.005
133433		<10	10	25	<10	447	0.007
133434		<10	<10	20	<10	116	<0.005

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

CERTIFICATE VA03037311

Project : RFM03-18

P.O. No:

This report is for 15 ROCK samples submitted to our lab in Vancouver, BC, Canada on 23-Sep-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

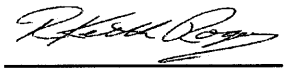
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03037311

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	Au-GRA21 Au ppm 0.05	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
N134646		1.20	<0.005	<0.2	0.54		3	<10	<10	<0.5	<2	0.01	<0.5	1	120	6
N134647		0.72	<0.005	<0.2	0.57		18	<10	10	<0.5	<2	0.32	<0.5	7	118	9
N134648		0.58	<0.005	<0.2	0.12		<2	<10	10	<0.5	<2	<0.01	<0.5	1	158	7
N134649		0.80	0.007	<0.2	1.10		4	<10	30	<0.5	<2	0.46	<0.5	6	94	8
N134650		1.00	<0.005	<0.2	0.42		8	<10	20	<0.5	<2	0.18	<0.5	5	114	10
M275994		1.16	<0.005	<0.2	2.12		2	<10	30	0.9	<2	1.29	<0.5	30	85	61
M275995		0.82	0.022	0.2	0.26		<2	<10	<10	<0.5	9	0.09	0.5	13	139	140
M275996		1.08	<0.005	<0.2	1.48		6	<10	60	0.6	<2	0.28	0.5	4	126	20
M275997		1.16	0.035	0.3	3.13		5	<10	250	<0.5	2	0.95	<0.5	39	215	36
M275998		1.04	0.009	<0.2	2.11		<2	<10	90	0.9	<2	0.76	<0.5	25	75	41
M275999		1.06	0.078	<0.2	0.14		<2	<10	10	<0.5	<2	0.33	1.2	30	186	88
560637H		0.98	<0.005	<0.2	1.03		5	<10	60	<0.5	<2	0.25	<0.5	4	116	8
560638H		1.50	0.014	<0.2	0.19		2	<10	<10	<0.5	<2	0.05	<0.5	3	181	19
560640H		1.78	3.04	0.7	0.94	2.94	<2	<10	10	0.6	207	0.46	<0.5	64	50	228
560641H		1.66	0.382	0.2	3.70		<2	<10	200	1.1	22	1.36	<0.5	19	104	75

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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03037311

Sample Description	Method Analyte Units LOR	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1
N134646		1.18	<10	<1	0.01	10	0.28	138	<1	0.05	6	130	6	0.02	<2	1
N134647		1.26	<10	1	0.02	10	0.33	380	<1	0.05	16	150	8	0.06	<2	1
N134648		0.54	<10	<1	0.02	10	0.07	43	2	<0.01	4	30	4	0.01	<2	<1
N134649		1.95	<10	<1	0.13	10	0.56	474	<1	0.06	13	200	43	0.12	<2	1
N134650		0.69	<10	<1	0.11	10	0.14	167	<1	0.06	12	170	8	0.02	<2	1
M275994		3.50	10	1	0.08	20	0.28	84	1	0.17	70	510	7	2.54	<2	2
M275995		1.98	<10	<1	0.02	<10	0.14	68	1	0.04	6	100	7	1.66	<2	1
M275996		2.89	10	<1	0.41	20	0.61	247	2	0.06	9	390	20	0.42	<2	3
M275997		4.25	10	<1	1.07	10	2.06	340	1	0.15	182	2100	5	1.32	<2	5
M275998		3.84	10	1	0.69	20	1.29	237	1	0.08	68	1330	3	1.82	<2	3
M275999		5.36	<10	<1	0.04	<10	0.06	53	1	0.01	62	220	3	3.40	<2	<1
560637H		1.54	<10	<1	0.30	10	0.47	218	<1	0.07	12	160	9	0.07	<2	1
560638H		0.79	<10	<1	0.02	<10	0.12	75	1	0.03	7	120	4	0.17	<2	<1
560640H		>15.0	<10	<1	0.10	20	0.27	<5	2	0.01	98	430	22	>10	<2	2
560641H		6.04	10	<1	0.56	20	1.54	377	4	0.16	35	1020	9	2.60	<2	7

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To: **EQUITY ENGINEERING LTD.**
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03037311

Sample Description	Method Analyte Units LOR	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
N134646		5	<0.01	<10	<10	11	<10	16
N134647		15	0.01	<10	<10	9	<10	36
N134648		3	<0.01	<10	<10	2	<10	5
N134649		27	0.04	<10	<10	17	<10	62
N134650		24	0.03	<10	<10	9	<10	17
M275994		91	0.07	<10	<10	14	<10	18
M275995		16	0.05	<10	<10	8	<10	6
M275996		29	0.07	<10	<10	27	<10	27
M275997		159	0.17	<10	<10	76	<10	67
M275998		43	0.12	<10	<10	45	<10	66
M275999		7	<0.01	<10	<10	3	<10	4
560637H		55	0.05	<10	<10	17	<10	34
560638H		4	0.02	<10	<10	4	<10	7
560640H		59	0.10	10	<10	19	20	3
560641H		144	0.19	<10	<10	83	30	50

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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

CERTIFICATE VA03037313

Project : RFM03-15

P.O. No:

This report is for 7 ROCK samples submitted to our lab in Vancouver, BC, Canada on 23-Sep-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
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VANCOUVER BC V6C 1G8

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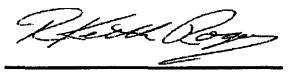
Signature: 

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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-15

CERTIFICATE OF ANALYSIS VA03037313

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
M275987		0.82	<0.005	0.5	0.58	38	<10	200	<0.5	<2	0.23	0.9	4	69	27	1.69
M275988		0.96	<0.005	1.1	0.72	11	<10	40	<0.5	3	0.89	<0.5	8	108	10	1.09
M275989		0.80	0.012	0.2	0.65	10	<10	160	0.5	2	1.54	0.5	14	40	69	2.28
M275990		1.24	0.020	0.5	0.61	6	<10	130	<0.5	3	0.38	<0.5	4	64	20	1.30
M275991		0.98	<0.005	0.2	0.47	3	<10	10	<0.5	<2	0.54	<0.5	8	100	37	1.39
M275992		0.98	<0.005	<0.2	1.12	8	<10	10	<0.5	<2	0.07	<0.5	6	134	18	2.02
M275993		1.06	<0.005	<0.2	1.66	<2	<10	110	<0.5	<2	0.86	<0.5	34	139	65	3.38

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VANCOUVER BC V6C 1G8

Date : 26-Nov-2003
Account: EIA

Project : RFM03-15

CERTIFICATE OF ANALYSIS VA03037313

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
M275987		<10	<1	0.39	10	0.15	92	1	0.03	1	390	71	0.22	<2	3	27
M275988		<10	<1	0.11	<10	0.31	322	1	0.02	6	50	95	0.01	<2	3	92
M275989		<10	<1	0.38	10	0.06	347	3	0.05	5	970	11	0.03	<2	6	70
M275990		<10	<1	0.27	20	0.16	81	2	0.04	1	680	20	0.17	<2	4	54
M275991		<10	<1	0.03	10	0.19	155	<1	0.08	15	150	8	0.48	<2	1	32
M275992		<10	<1	0.04	10	0.60	211	1	0.04	9	390	12	0.02	<2	1	9
M275993		10	<1	0.61	10	1.49	252	1	0.09	173	2500	3	1.22	<2	1	106

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Date : 26-Nov-2003
Account: EIA

Project : RFM03-15

CERTIFICATE OF ANALYSIS VA03037313

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
M275987		0.11	<10	<10	14	<10	90
M275988		0.08	<10	<10	22	<10	28
M275989		0.33	<10	<10	24	<10	17
M275990		0.17	<10	<10	21	<10	12
M275991		0.04	<10	<10	9	<10	17
M275992		<0.01	<10	<10	12	<10	58
M275993		0.21	<10	<10	53	<10	30

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Date : 10-Dec-2003
Account: EIA

CERTIFICATE VA03051330

Project : RFM03-18

P.O. No:

This report is for 7 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 3-Dec-2003.

The following have access to data associated with this certificate:

HENRY AWMACK	SCOTT HEFFERNAN	MURRAY JONES

SAMPLE PREPARATION

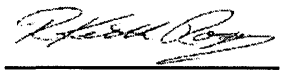
ALS CODE	DESCRIPTION
SCR-44	Screen to -63um
SCR-01	Screen - Save plus fraction
FND-03	Find Reject for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY ENGINEERING LTD.**
ATTN: SCOTT HEFFERNAN
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Date : 10-Dec-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03051330

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
133569		<0.2	2.13	25	<10	40	2.1	<2	0.10	0.8	52	21	90	5.14	<10	1
133571		0.2	2.62	51	<10	70	1.8	<2	0.31	<0.5	44	36	115	7.01	10	<1
133573		<0.2	2.10	21	<10	60	3.4	<2	0.36	1.1	68	26	88	4.47	<10	<1
133575		<0.2	1.86	28	<10	40	1.8	<2	0.12	0.5	47	25	86	5.14	<10	<1
133577		<0.2	1.94	33	<10	50	1.8	<2	0.17	0.5	49	21	84	5.27	<10	1
133579		<0.2	1.44	16	<10	60	0.5	<2	0.95	<0.5	14	20	36	2.71	<10	<1
133387		<0.2	1.86	20	<10	30	1.3	<2	0.09	<0.5	31	21	80	5.40	<10	1

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Date : 10-Dec-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03051330

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	0.01	10
133569		0.08	70	0.73	1490	2	0.01	88	620	47	0.09	<2	2	39	0.03	<10
133571		0.14	30	0.90	792	3	0.02	80	730	65	0.07	<2	2	178	0.05	<10
133573		0.11	340	0.86	1725	1	0.01	264	810	43	0.03	<2	2	49	0.03	<10
133575		0.07	70	0.75	1275	1	0.01	84	580	40	0.06	<2	2	39	0.04	<10
133577		0.09	80	0.67	1015	1	0.01	94	690	45	0.03	2	2	40	0.04	<10
133579		0.11	20	0.62	634	<1	0.04	27	590	39	<0.01	<2	2	79	0.03	<10
133387		0.07	60	0.72	732	1	0.01	49	620	43	0.09	<2	2	19	0.04	<10

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: **EQUITY ENGINEERING LTD.**
700-700 W PENDER ST
VANCOUVER BC V6C 1G8

Date : 10-Dec-2003
Account: EIA

Project : RFM03-18

CERTIFICATE OF ANALYSIS VA03051330

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA23 Au ppm 0.005
133569		<10	20	<10	284	0.312
133571		<10	29	<10	153	0.190
133573		<10	22	<10	645	0.166
133575		<10	20	<10	282	0.087
133577		<10	19	<10	257	0.030
133579		<10	20	<10	87	0.015
133387		<10	20	<10	186	<0.005

APPENDIX D

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, R. Scott Heffernan, of 104-2280 West 6th Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 700, 700 West Pender Street, Vancouver, British Columbia.

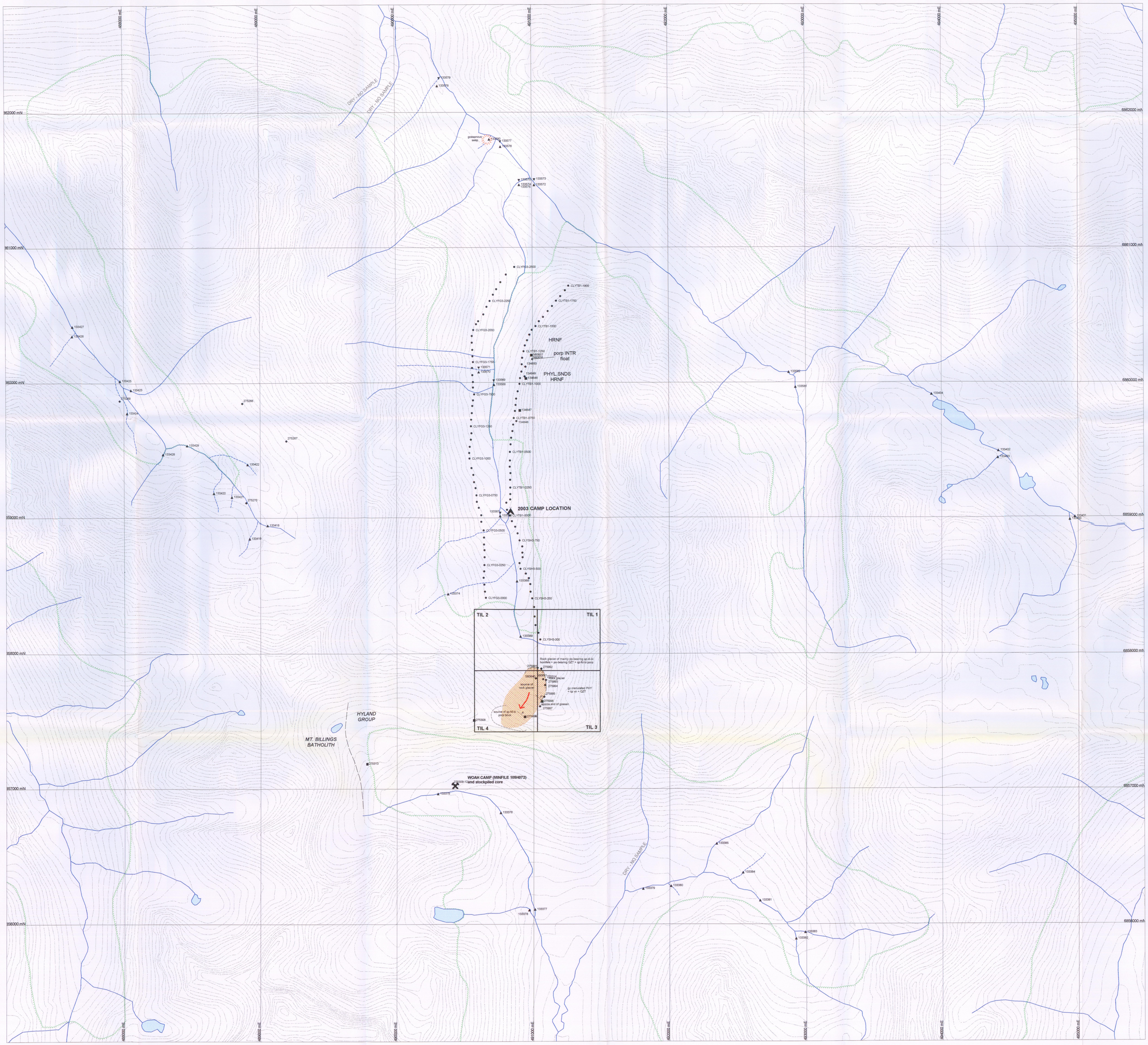
2. THAT I am a graduate of the University of Alberta with a Bachelor of Science degree in Geology and am currently a graduand of the University of British Columbia, enrolled in a Master of Science degree in Geology.

3. THAT I am a Geoscientist in Training registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of Alberta.

4. THAT this report is based on fieldwork carried out by me or under my direction during June of 2003 and on publicly available reports. I have examined the property in the field.

DATED at Vancouver, British Columbia, this 19th day of January, 2004.

R. Scott Heffernan, M.Sc. Graduand, Geol.I.T.



Symbols:

- geological contact
- foliation (vertical)
- camp
- old workings
- claim boundary
- stream

Descriptive Abbreviations:

gy	-	grey
vn	-	veining

Modifiers:

bi	-	biotite
carb	-	carbonate
di	-	diopside
fd	-	feldspar
qz	-	qua rtz
po	-	pyrhhotite
porp	-	porphyritic

Lithologies:

INTR	-	intrusive
PHYL	-	phyllite
PORP	-	porphyry
QZT	-	quartzite
SNDS	-	sandstone

- CLYG soil sample
- 133577 sieved silt sample
- 133578 conventional silt sample
- 275313 rock sample - outcrop
- 275997 rock sample - float

0 100 200 300 500 metres

RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

PROJECT AREA GEOLOGY AND SAMPLE LOCATIONS

EQUITY	Date: Nov 18, 2003	Scale: 1:10,000	Figure: 5
	U.T.M. Zone: UTM9 - NAD83	Mining District: WATSON LAKE	
	N.T.S.: 105H/14	State/Province: YUKON	

Au (ppb) in soils
- 78.5 to 200
- 39.3 to 78.5
- 16 to 39.3
- 8 to 16
- all others

Au (ppb) in conventional silts
- 2.8 to 39.3
- all others

Au (ppb) in outcrop
- 20 to 145
- 8 to 20
- all others

Au (ppb) in float
- 359 to 5,000
- 20 to 145
- 8 to 20
- all others

YUKON ENERGY
& RESOURCES
P.O. Box 2
Whitehorse, Yukon Y1A 4C6

Au (ppb) in -250 sieved silt
- 67 to 350
- 12 to 40
- all others

- grab silt -80 fraction
- sieved silt -80 fraction
- sieved silt -250 fraction

0 100 200 300 500
Metres

RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

GOLD GEOCHEMISTRY

Date	Jan 8, 2004	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 6

Ag (ppm) in soils
- 0.46 to 0.7
- 0.4 to 0.46
- 0.3 to 0.4
- 0.2 to 0.3
- all others

Ag (ppm) in sieved silts
- all others

Ag (ppm) in conventional silts
- 0.5 to 1
- 0.3 to 0.5
- 0.2 to 0.3
- 0.11 to 0.2
- all others

Ag (ppm) in outcrop
- 1.9 to 2.6
- 0.9 to 1.9
- all others

Ag (ppm) in float
- 2.6 to 5
- 0.9 to 1.9
- 0.3 to 0.9
- all others

0 100 200 300 500
metres

RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

SILVER GEOCHEMISTRY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 7

488000 mE
489000 mE
490000 mE
491000 mE
492000 mE
493000 mE
494000 mE
495000 mE

6862000 mN
6861000 mN
6860000 mN
6859000 mN
6858000 mN
6857000 mN
6856000 mN

TIL 2
TIL 1
TIL 4
TIL 3

As (ppm) in soils
- 66 to 130
- 37 to 66
- 19 to 37
- all others

As (ppm) in sieved silts
- 37 to 66
- 23 to 37
- all others

As (ppm) in conventional silts
- 130 to 200
- 66 to 130
- 37 to 66
- 23 to 37
- all others

As (ppm) in outcrop
- 39.9 to 100
- 15.8 to 39.9
- 6.4 to 15.8
- 3.5 to 6.4
- all others

As (ppm) in float
- 6.4 to 15.8
- 3.5 to 6.4
- all others

0 100 200 300 500
metres

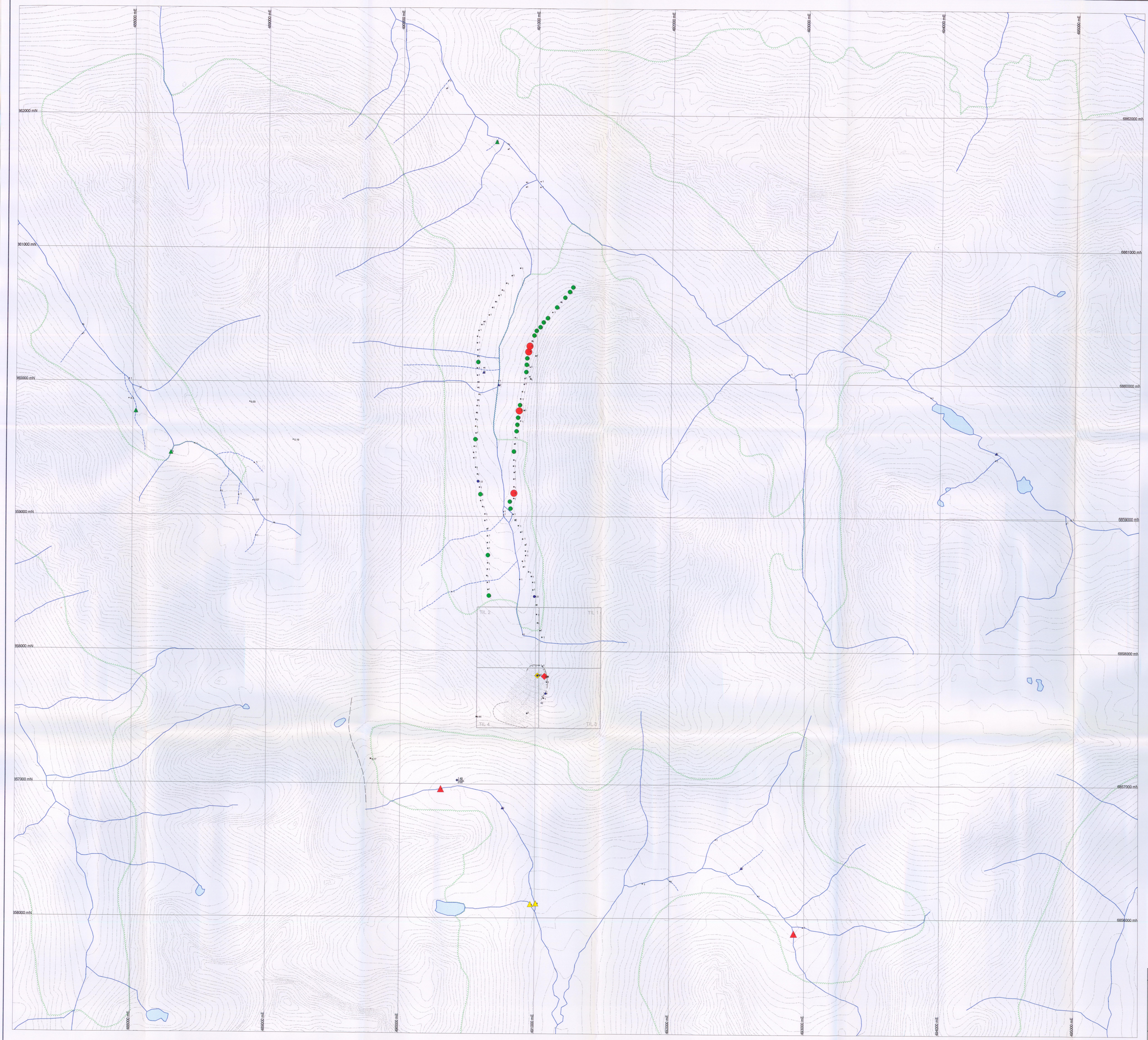
RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

ARSENIC GEOCHEMISTRY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 8



MasterTillei03Soils by Bi_ppm
- 3 to 5 (4)
- 2 to 2.1 (26)
- 1.1 to 2 (2)
- all others (87)

MasterTillei03SiltsSieved by Bi_ppm
- all others (7)

MasterTillei03SiltsGrab by Bi_ppm
- 6.8 to 10 (2)
- 4 to 6.8 (2)
- 2.1 to 4 (4)
- 1.1 to 2.1 (7)
- all others (31)

MasterRocksTillei03Outcrop by Bi_ppm
- 31.2 to 147.6 (2)
- 4.7 to 31.2 (1)
- all others (6)

MasterRocksTillei03Float by Bi_ppm
- 235.4 to 1,000 (1)
- 147.6 to 235.4 (1)
- 31.2 to 147.6 (1)
- 4.7 to 31.2 (4)
- all others (18)

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P.O. Box 2703
Whitehorse, Yukon Y1A 2C6

0 100 200 300 500
metres

RIMFIRE MINERALS CORPORATION

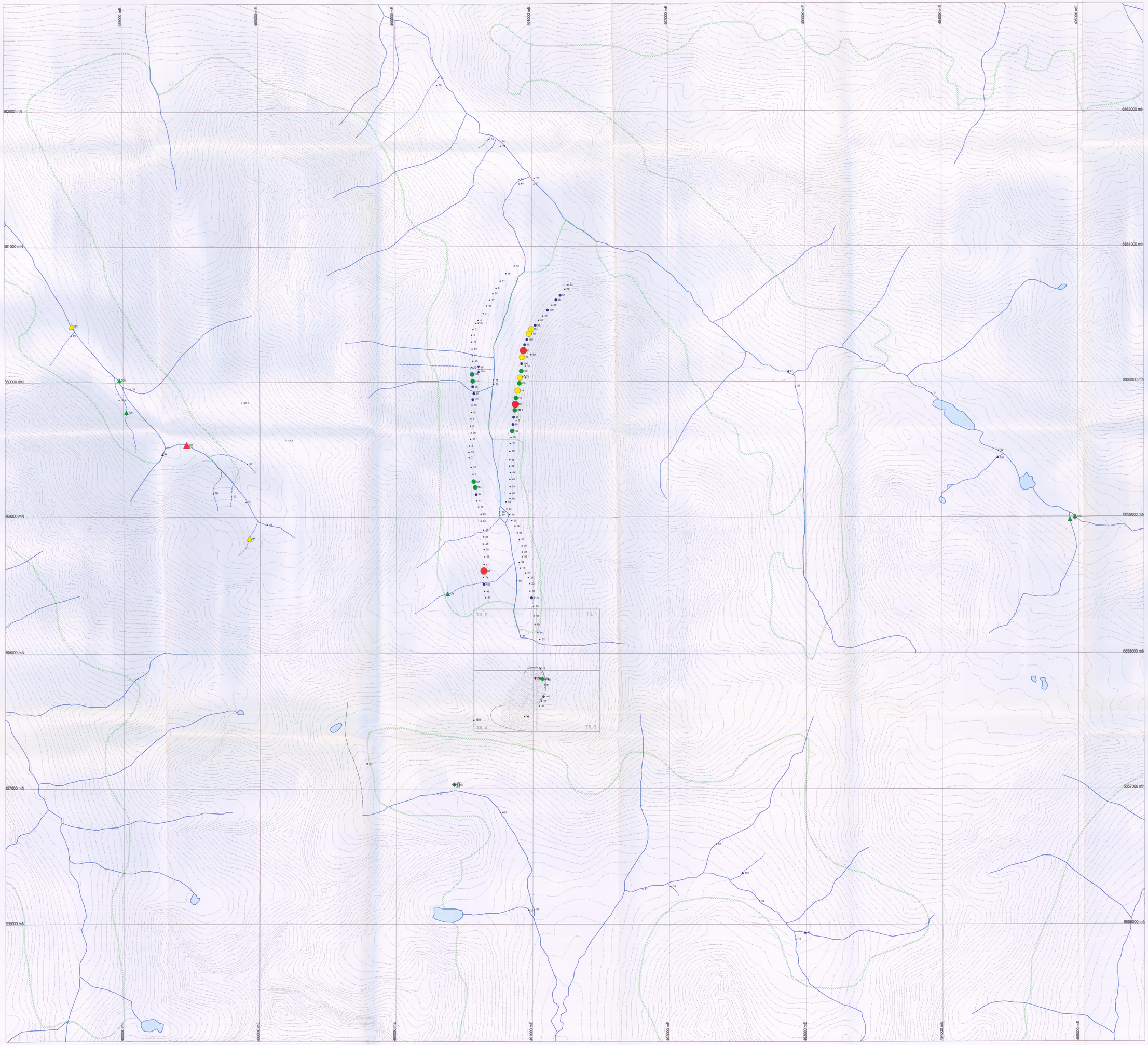
TILLEI PROPERTY

BISMUTH GEOCHEMISTRY

EQUITY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 9



Cu (ppm) in soils
- 142 to 200
- 114 to 142
- 103 to 114
- 87 to 103
- all others

Cu (ppm) in sieved silts
- 85 to 124
- all others

Cu (ppm) in conventional silts
- 355 to 500
- 283 to 355
- 124 to 283
- 85 to 124
- all others

Cu (ppm) in outcrop
- 1,790 to 2,000
- 346 to 1,302
- 138 to 346
- all others

Cu (ppm) in float
- 1,302 to 1,790
- 346 to 1,302
- 138 to 346
- all others

0 100 200 300 500
metres

RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

COPPER GEOCHEMISTRY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 10

488000 mE
489000 mE
490000 mE
491000 mE
492000 mE
493000 mE
494000 mE
495000 mE

6862000 mN
6861000 mN
6860000 mN
6859000 mN
6858000 mN
6857000 mN
6856000 mN

TIL 1
TIL 2
TIL 3
TIL 4

Pb (ppm) in soils
- 111 to 200
- 99 to 111
- 87 to 99
- 70 to 87
- all others

Pb (ppm) in sieved silts
- 42 to 58
- all others

Pb (ppm) in conventional silts
- 126 to 300
- 90 to 126
- 58 to 90
- 42 to 58
- all others

Pb (ppm) in outcrop
- 113.5 to 122.3
- 51 to 113.5
- 17.3 to 51
- all others

Pb (ppm) in float
- 122.3 to 200
- 51 to 113.5
- 17.3 to 51
- all others

0 100 200 300 500
metres

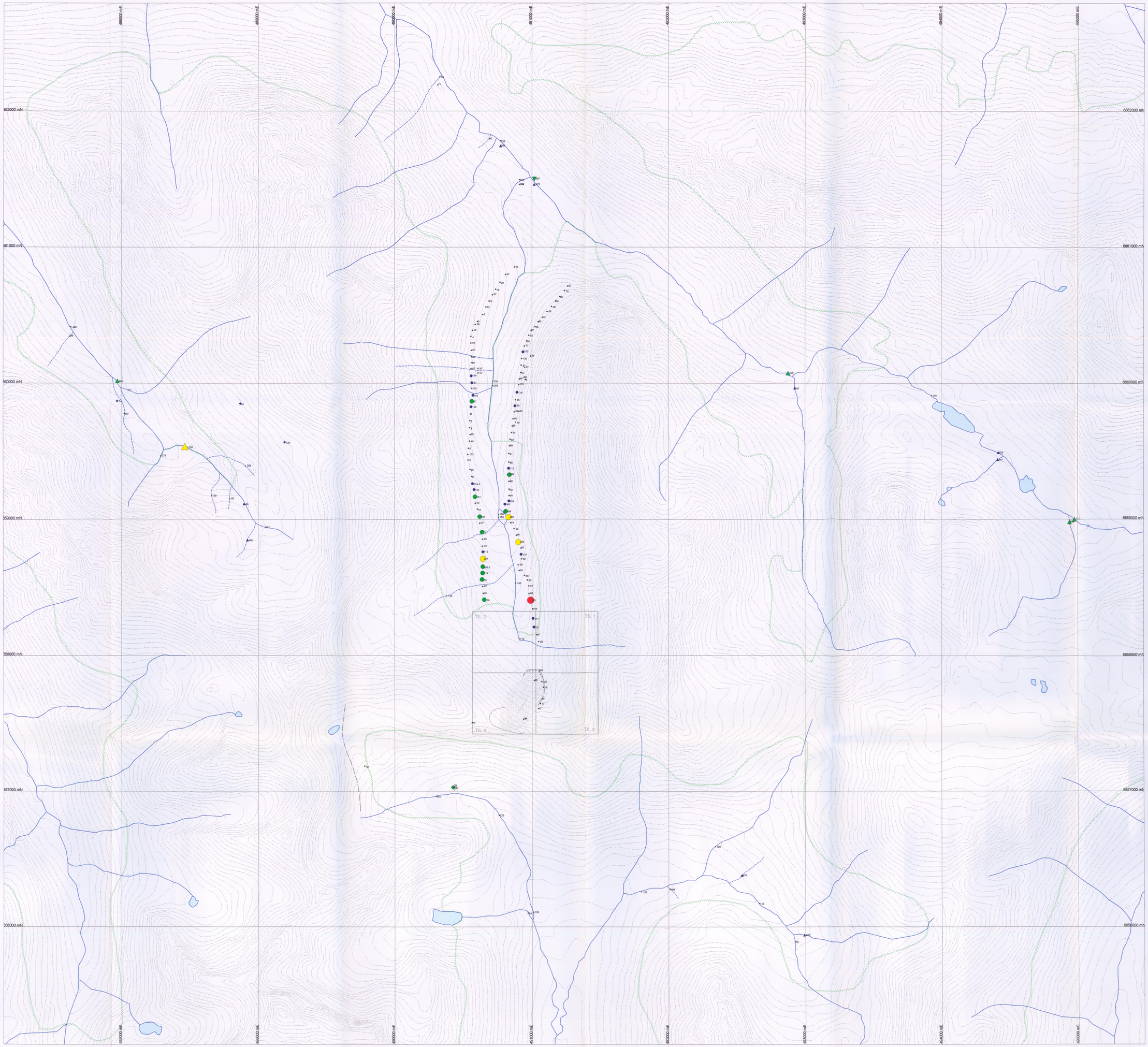
RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

LEAD GEOCHEMISTRY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 11



Zn (ppm) in soils
- 266 to 500
- 215 to 266
- 148 to 215
- 109 to 148
- all others

Zn (ppm) in sieved silts
- 474 to 1,052
- all others

Zn (ppm) in conventional silts
- 500 to 1,465
- 474 to 1,052
- 277 to 474
- all others

Zn (ppm) in outcrop
- 136 to 593
- all others

Zn (ppm) in float
- 593 to 4,108
- 136 to 593
- 70 to 136
- all others

0 100 200 300 500
metres

RIMFIRE MINERALS CORPORATION

TILLEI PROPERTY

ZINC GEOCHEMISTRY

Date	Nov 27, 2003	Scale	1:10,000
U.T.M. Zone	UTM9 - NAD83	Mining District	WATSON LAKE
N.T.S.	105H/14	State/Province	YUKON

Figure 12