

**REPORT ON  
TILL, SOIL, ROCK AND SILT GEOCHEMISTRY**

**CRAZY FOX PROPERTY  
FOX GROUP**

**MINING DIVISION: KAMLOOPS  
NTS MAP: 092P/9W AND 092P/9E**

**LATITUDE:           51° 33¢  
LONGITUDE:        120° 16¢**

**OWNERS/OPERATORS/AUTHORS  
B. BOURDON & L. ADDIE**

**APRIL 11, 2000**

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**Summary:**

The Crazy Fox Property is located about 100 km. North of Kamloops near the town of Little Fort.

Recent work by both the owners and Ministry of Mines staff has defined a linear multi-element geochemical anomaly in basal tills.

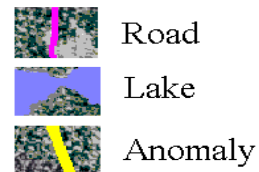
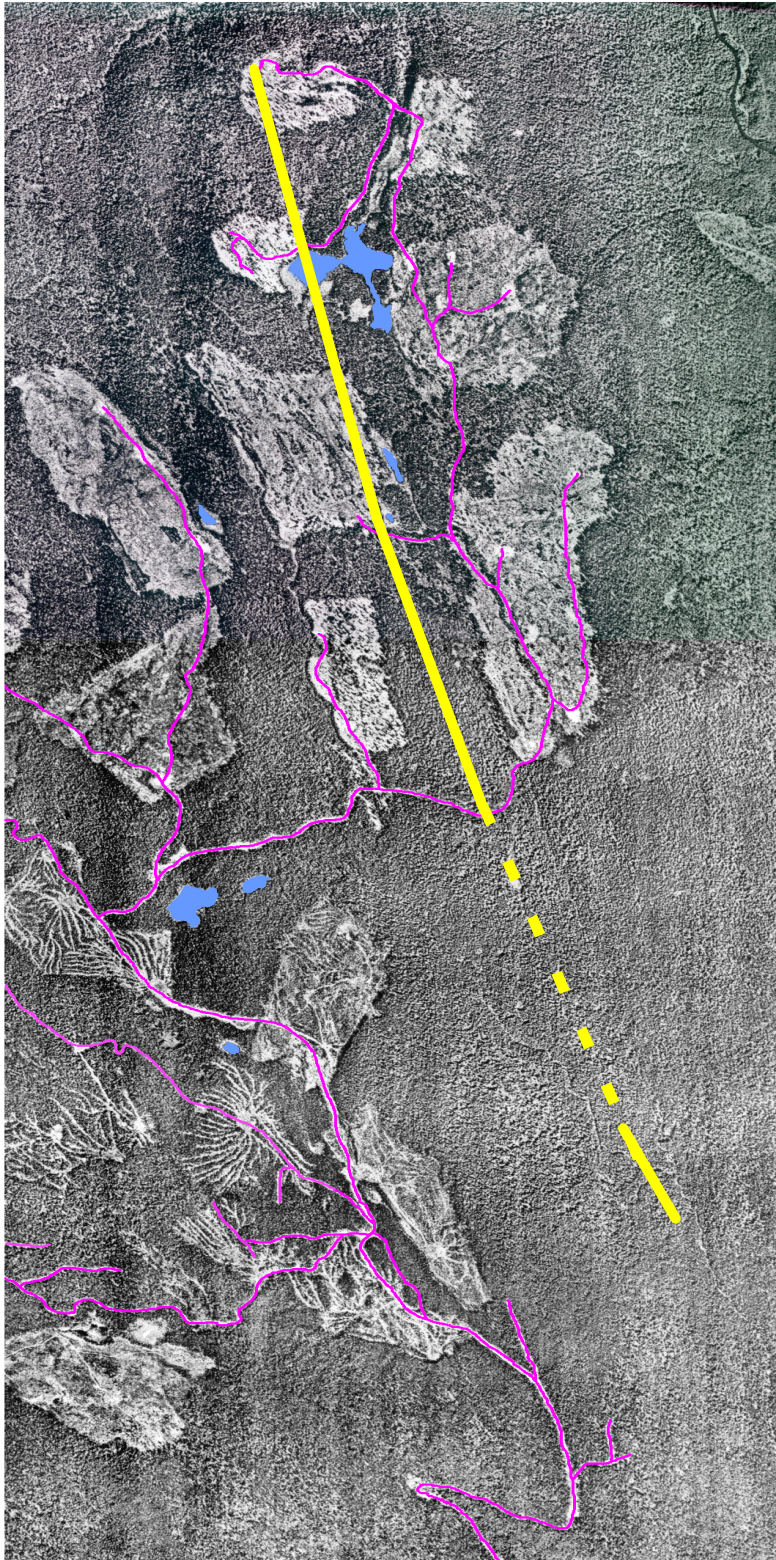
An airborne and field checked magnetic anomaly is coincident with the high geochem values.

The anomaly extends for a distance of about 10 km. and is highly anomalous in Zn, Cu, Cd, As, Sb and Co. Sampling to the North and the South of the anomaly indicates that it does not continue in either direction.

The geology of the area has not been mapped in detail. GSC Memoir 363 briefly describes the rocks as ? Mid Jurassic porphyritic augite andesite breccia & conglomerate with minor andesite, arenite, tuff, flows and argillite.

In the area of the till anomaly, rocks consist of andesite, tuff and fragmental volcanics interlayered with black argillaceous sediments.

The geology, suite of elements and coincident magnetic anomaly suggests excellent potential for a large VMS or Sedex type deposit.



## 1.0 INTRODUCTION:

This report has been prepared for the purpose of filing for assessment work credit and fulfilling the requirements of the Mineral Act and Regulations.

Field work on the **CRAZY FOX PROPERTY** was carried out by L. Addie and R. Bourdon from May 15, 1999 to October 26, 1999. Work consisted of prospecting and sampling. A total of 29 till samples, 38 soil samples, 7 rock samples and 2 stream sediments were collected and analyzed. Also included in this report is some additional sample data which was collected prior to claim staking. This data is not being claimed for assessment work credit but is included here to ensure that all work done to date is documented.

## 2.0 PROJECT RATIONALE:

During the summer of 1997, the British Columbia Geological Survey Branch (Bobrowsky et al.) carried out a drift exploration program in the Louis Creek - Little Fort area. The program consisted of both surficial geology mapping and till geochemistry sampling.

The results of the project were released in April of 1998 as Open File 1998-6. The Open File maps show a large multi-element geochemical anomaly in the most Northwest corner of the survey area. Anomalous elements include Ag, As, Au, Cd, Co, Cu, Hg, Mo, Sb and Zn. There are no known mineral occurrences in this area that could explain the anomaly.

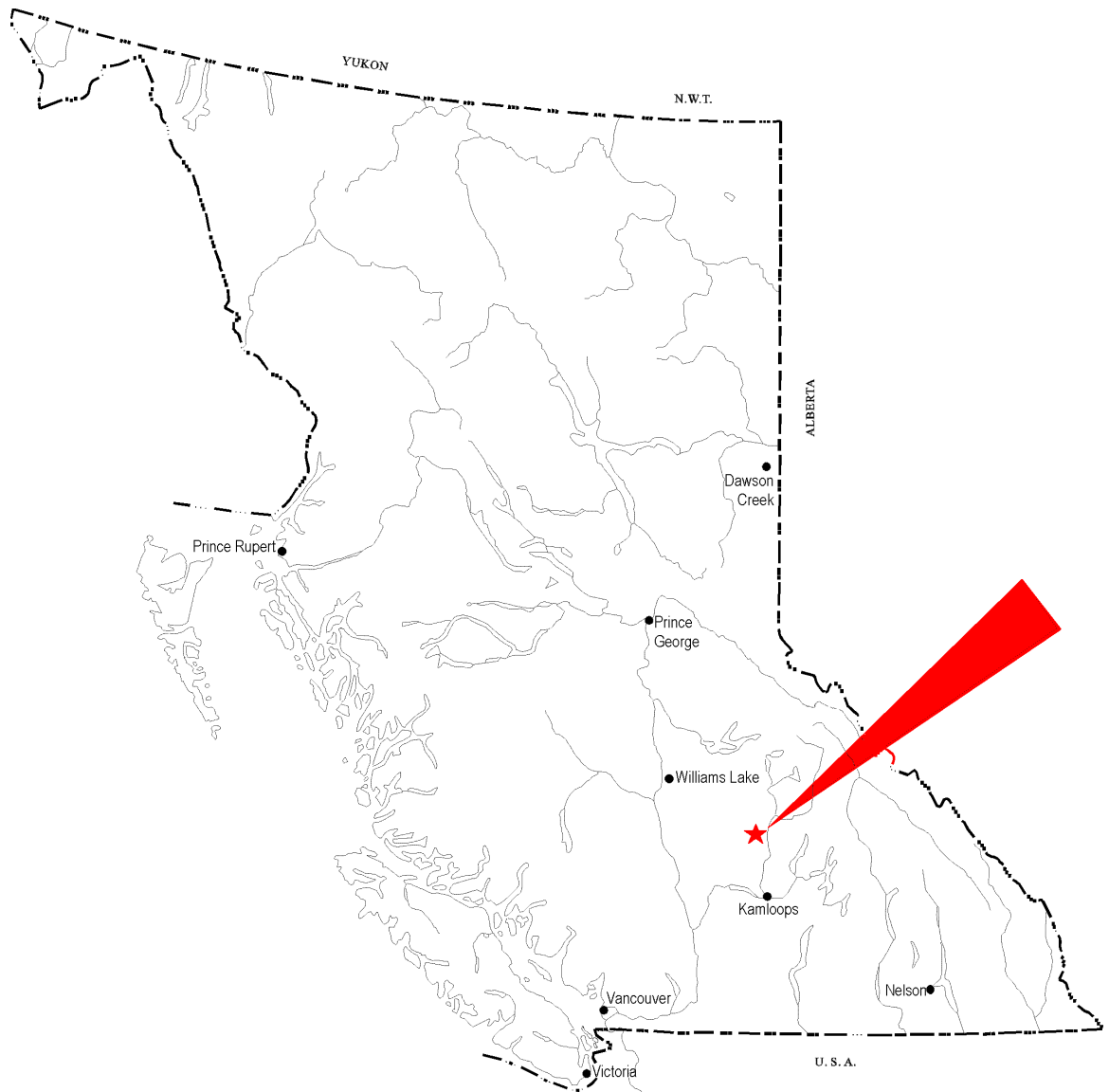
Based on the suite of anomalous elements and the lack of any known mineral occurrences, the area was visited and a number of mineral claims were staked commencing on the day of the Open File release. During the summers of 1998 and 1999, prospecting including till, soil, rock and silt sampling were carried out in an effort to locate the source of the anomaly.

## 3.0 LOCATION AND ACCESS:

The **CRAZY FOX PROPERTY** is situated in the **Kamloops Mining Division** approximately 100 kilometers North of Kamloops or about 15 kilometers North of the town of Little Fort. From Little Fort, good access to the property is gained by traveling Highway 24 to the Northwest for about 5 kilometers, then following a good standard logging road (Nehalliston Creek Forest Road). The property is well accessed by the main logging road and a number of branch roads. The LCP for the 4 post claims is located about 50

FIGURE 1

# LOCATION MAP: CRAZY FOX PROPERTY



meters East of the Nehalliston Creek Forest Road at a point about 15 kilometers from the hiway

#### 4.0 GENERAL SETTING:

The majority of the property is located on the plateau between Demers and Fourteen Mile Creeks. The most Southerly portion is located in the drainage of Demers Creek. Elevations range from about 3000 feet at the most Southeasterly corner of the claims to about 4700 near the centre of the property (900 to 1450 meters). The terrain is for the most part relatively flat except in the lower Demers Creek valley where slopes are up to 60%.

The Property receives an average of about 2 metres of snow but is generally snow-free from mid May to late November.

The property is covered by extensive overburden consisting mainly of basal and ablation tills, and glaciofluvial deposits. This overburden ranges in thickness from less than a meter to possibly 10 meters or more. We estimate that the average thickness of tills in areas away from valley bottoms is from 1 to 2 meters. Bedrock outcrop is rare and accounts for less than one percent of the claim area. A few new outcrops have been exposed in recent logging road cuts.

Vegetation in the area consists mainly of coniferous forest with scattered open areas of brush. There has been extensive clearcut logging and road construction which has taken place from 1988 to present.

#### 5.0 CLAIMS INFORMATION:

The property is comprised of two groups of claims separated by the Worldstock claim owned by Christopher James Gold Corp. The property consists of a total of 47 mineral claims (103 units).

The Northerly claim block has been grouped as the **CRAZY FOX Group** and consists of 20 2-Post Mineral Claims and 4 modified grid claim as follows:

NAME	# OF UNITS	RECORD #	EXPIRY DATE *
BBB#1	1	369747	JUN 06, 2002
BBB#2	1	369748	JUN 06, 2002
BBB#3	1	369749	JUN 06, 2002
BBB#4	1	369750	JUN 06, 2002
BBB5	1	371103	AUG 08, 2002
BBB6	1	371104	AUG 08, 2002

BBB7	1	371105	AUG 08, 2002
BBB8	1	371106	AUG 08, 2002
PHASER#1	1	372349	SEP 21, 2002
PHASER#2	1	372350	SEP 21, 2002
PHASER#3	1	372351	SEP 21, 2002
PHASER#4	1	372352	SEP 21, 2002
PHASER#5	1	372353	SEP 22, 2002
PHASER#6	1	372354	SEP 22, 2002
PHASER#7	1	372355	SEP 22, 2002
PHASER#8	1	372356	SEP 22, 2002
PHASER#9	1	372357	SEP 22, 2002
PHASER#10	1	372358	SEP 22, 2002
PHASER#11	1	372359	SEP 22, 2002
PHASER#12	1	372360	SEP 22, 2002
CRAZY FOX 1	18	375102	APR 03, 2001
CRAZY FOX 2	12	375103	APR 03, 2001
CRAZY FOX 3	20	375104	APR 03, 2001
CRAZY FOX 4	10	375105	APR 03, 2001

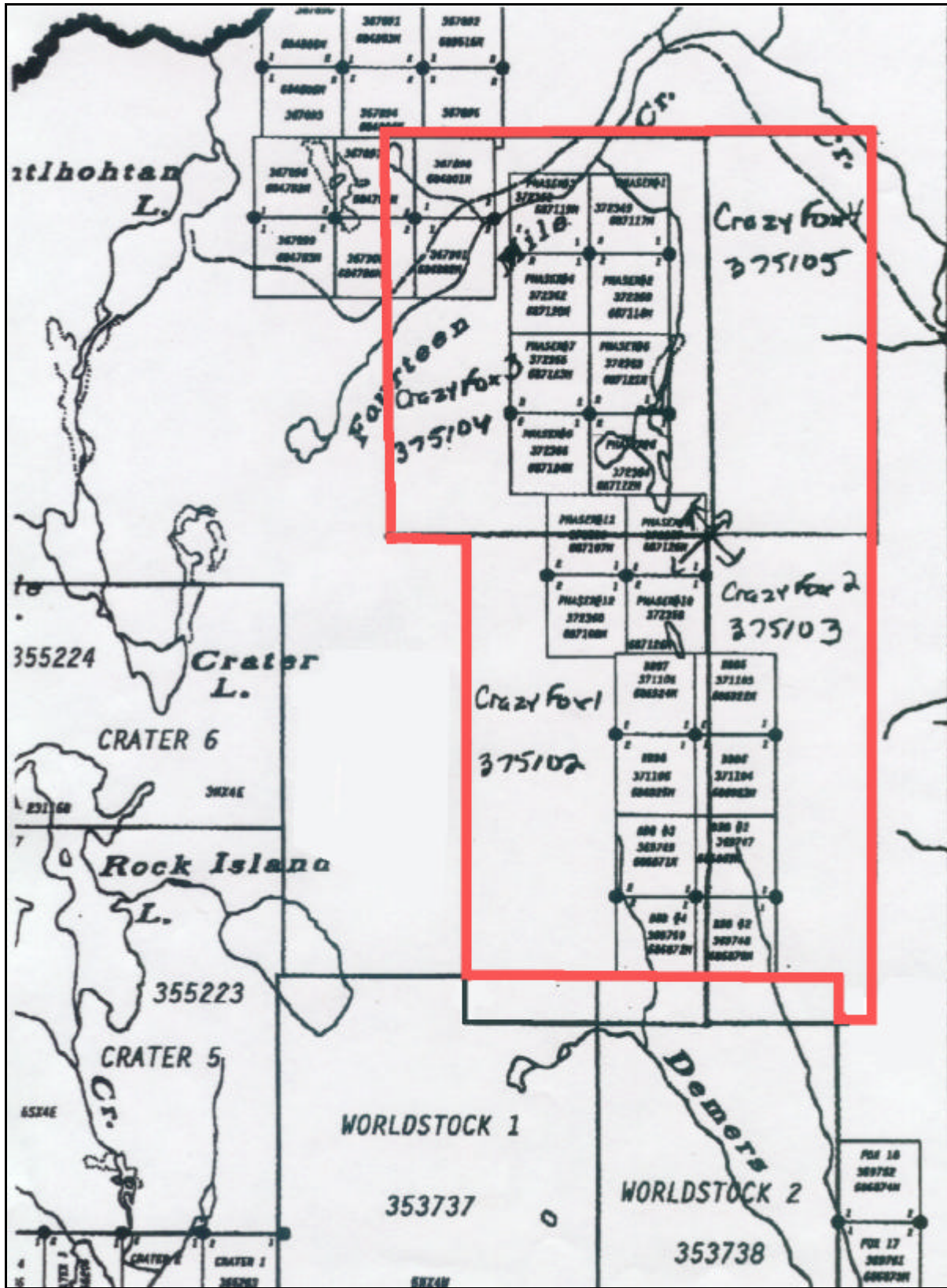
The Southerly claim block has been grouped as the **Fox Group** and consists of 23 2-Post Mineral Claims as follows:

<b>NAME</b>	<b># OF UNITS</b>	<b>RECORD #</b>	<b>EXPIRY DATE *</b>
COPPER CRAZE	1	362600	MAY 12, 2001
FOX1	1	363261	APR 16, 2001
FOX2	1	363262	APR 16, 2001
FOX3	1	363263	APR 16, 2001
FOX4	1	363264	APR 16, 2001
FOX5	1	364257	APR 16, 2001
FOX6	1	364258	APR 16, 2001
FOX7	1	364259	APR 16, 2001
FOX8	1	364260	APR 16, 2001
FOX9	1	364261	APR 16, 2001
FOX10	1	364262	APR 16, 2001
FOX11	1	364696	APR 16, 2001
FOX12	1	364697	APR 16, 2001
FOX13	1	364698	APR 16, 2001
FOX14	1	364699	APR 16, 2001
FOX15	1	368538	APR 20, 2002
FOX16	1	368539	APR 20, 2002
FOX17	1	369751	JUN 19, 2001
FOX18	1	369752	JUN 19, 2001
KEG#1	1	368433	APR 16, 2001
KEG#2	1	368434	APR 16, 2001
KEG#3	1	368435	APR 16, 2001
KEG#4	1	368436	APR 16, 2001

\* Expiry date upon acceptance of work as detailed in this report.

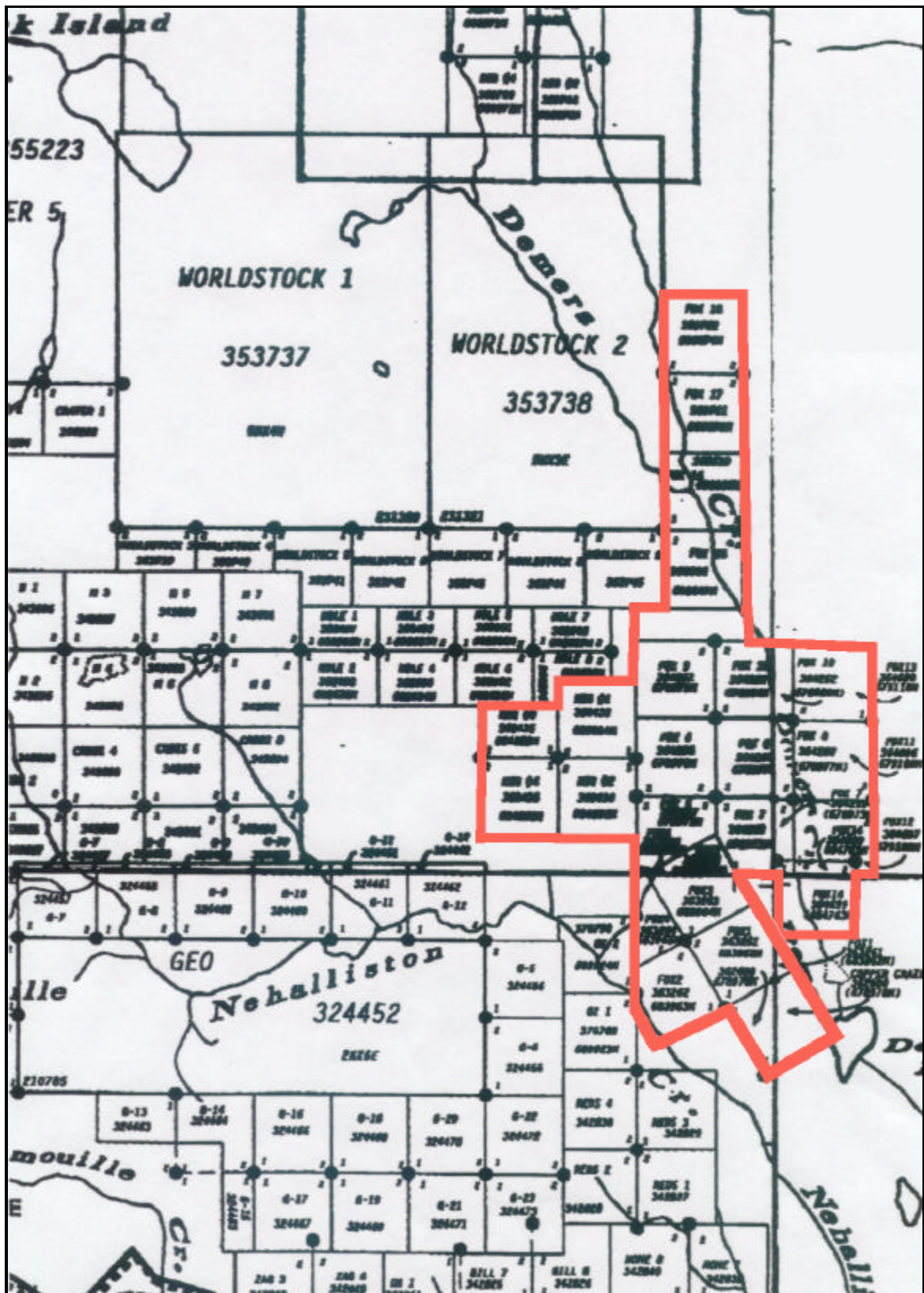
The Mineral Claims are shown on the Figure 2 maps contained in this report.

# CLAIM MAP CRAZY FOX PROPERTY CRAZY FOX GROUP





# CLAIM MAP CRAZY FOX PROPERTY - FOX GROUP



## 6.0 HISTORY AND DEVELOPMENT:

Research of available literature has found no evidence of any previous mineral exploration on the ground currently held as the Crazy Fox property. There are however, two known mineral occurrences nearby.

### a) Anticlimax:

Minfile#: 092P 014  
 Status: Showing  
 Commodity: Mo  
 Deposit Type: Porphyry? Mo  
 Mineralization: Molybdenite occurs as disseminations and in quartz veins in an altered quartz feldspar porphyry stock. There are 3 documented molybdenite showings.  
 Location: Near Tintlhohton Lakes near the northerly boundary of the Crazy Fox property. The showings have not been visited by us and one or more of the showings may be within the Crazy Fox Group.

### b) Worldstock:

Minfile#: 092P 145  
 Status: Showing  
 Commodity: Cu, Au  
 Deposit Type: Porphyry? Cu, Au  
 Mineralization: Copper values occur in altered Nicola? volcanics.  
 Location: A few meters East of the main Nehalliston Creek road and about a kilometer West of the trend of the Crazy Fox till anomaly.

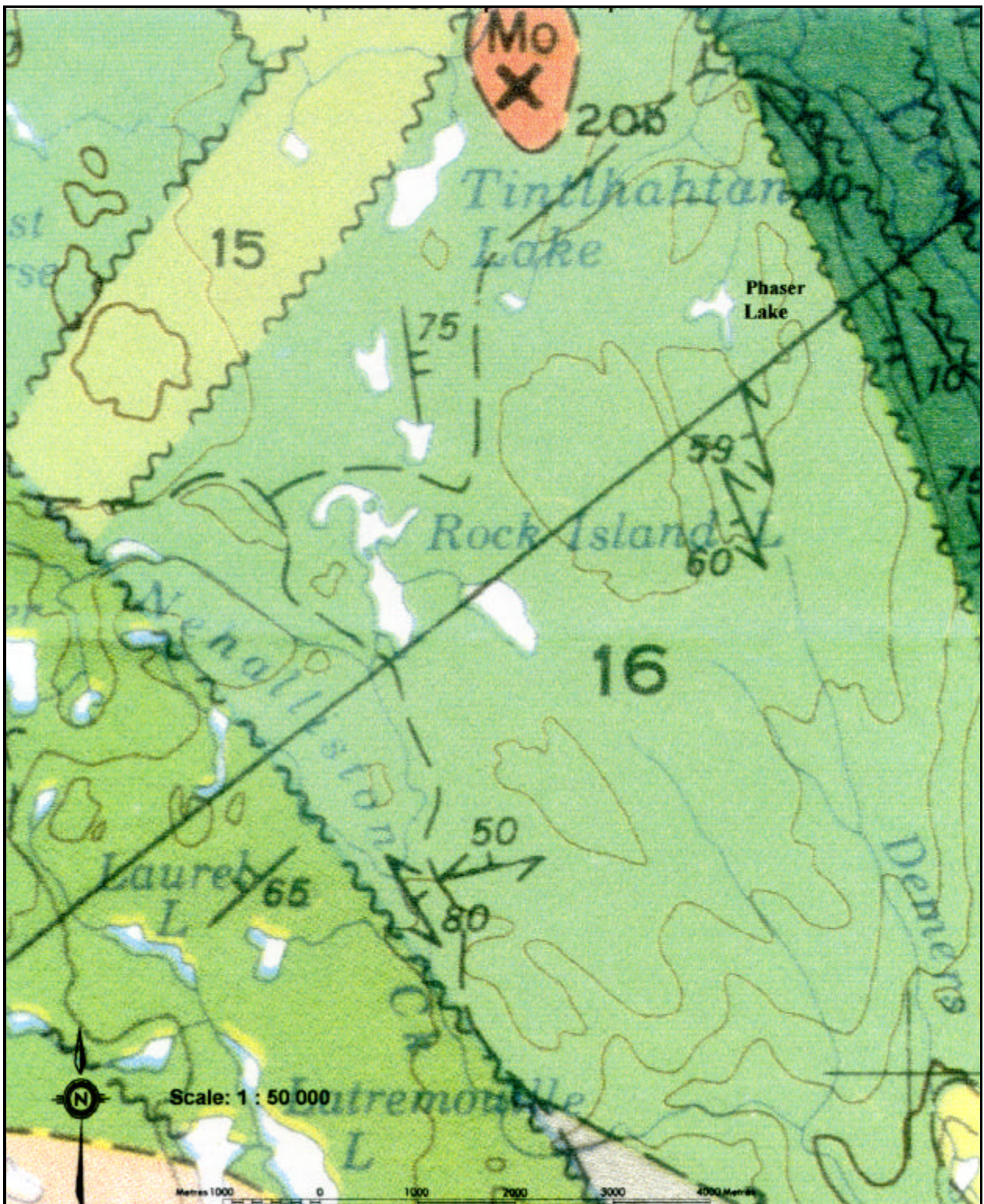
## 7.0 BEDROCK GEOLOGY:

The regional geology of the Crazy Fox property has been mapped by R.B. Campbell and H.W. Tipper during the 1964 and 1965 field seasons. The results of their work is shown on Geological Survey of Canada Map 1278A and described in G.S.C. Memoir 363.

Map 1278A shows the entire area of the Crazy Fox property to be underlain by Unit 16 described as Sinemurian to (?) Middle Jurassic volcanic rocks consisting of porphyritic augite andesite breccia and conglomerate; minor andesite, arenite, tuff, argillite and flows (may include some Nicola Group). Figures 3 and 3A show the portion of Map 1278A which covers the Crazy Fox property.

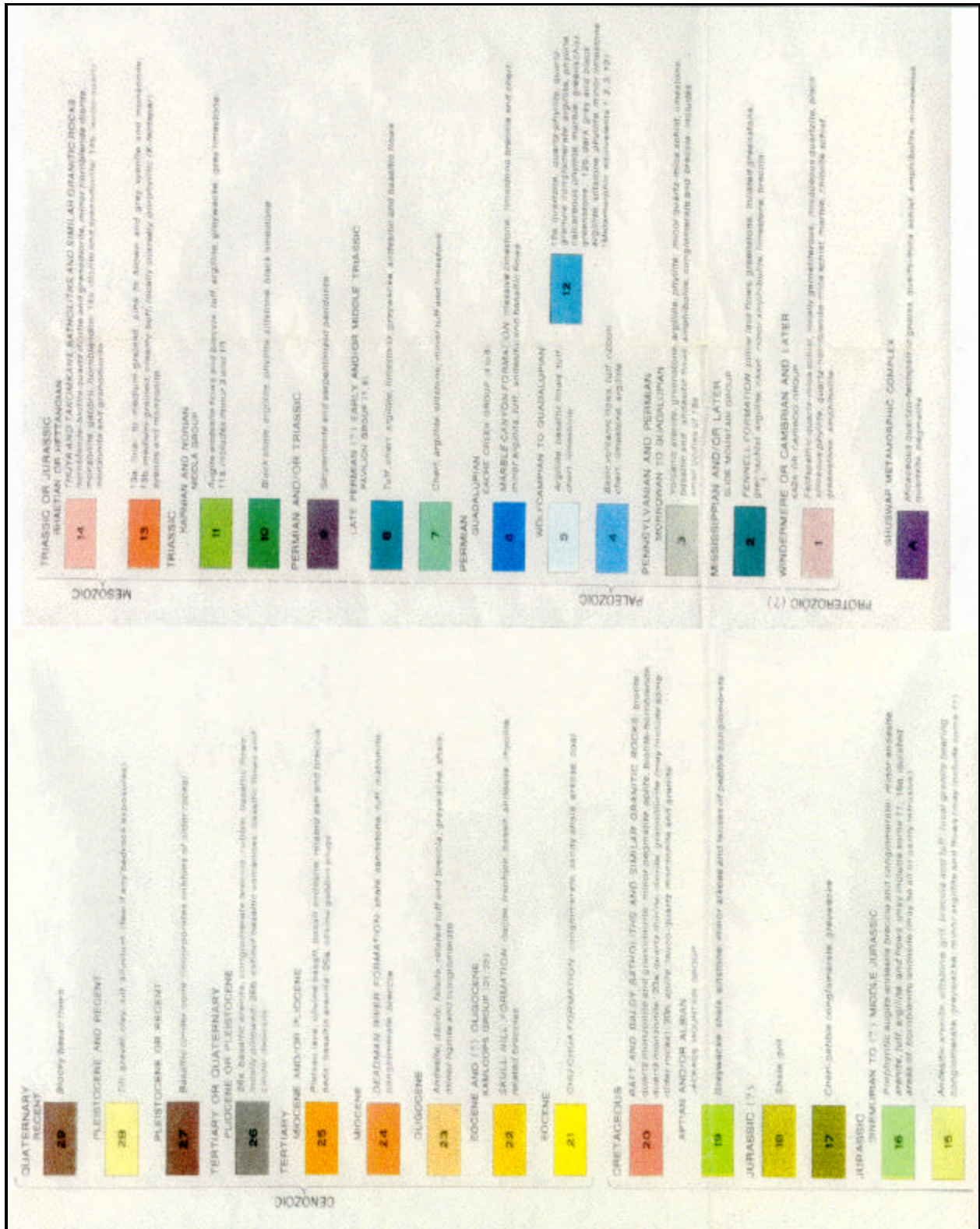
Outcrops seen while prospecting consist of volcanic and sedimentary rocks striking about 160° and dipping steeply to the West. The location and description of each outcrop can be found in Appendix III and the location of each sample is

# BEDROCK GEOLOGY MAP CRAZY FOX PROPERTY



(Portion of Geological Survey of Canada Map 1278A Bonaparte Lake)

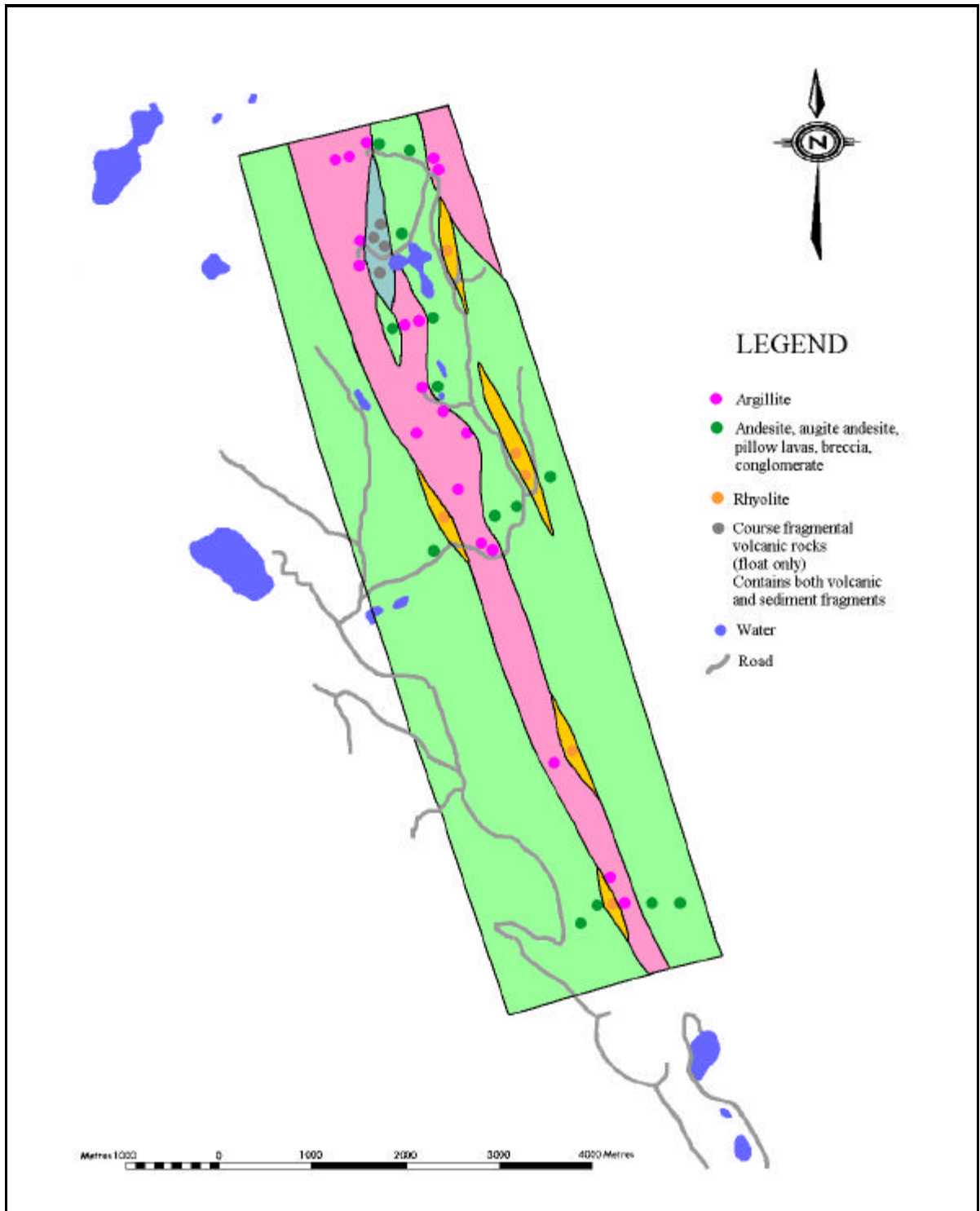
# BEDROCK GEOLOGY MAP LEGEND CRAZY FOX PROPERTY



(Portion of Geological Survey of Canada Map 1278A Bonaparte Lake)

FIGURE 4

# PROPERTY GEOLOGY CRAZY FOX PROPERTY



shown on the map in the back pocket of this report. Figure 4 shows the property geology based on our findings.

## **8.0 SURFICIAL GEOLOGY:**

The surficial geology of the Crazy Fox property has been mapped by H.W. Tipper between 1954 and 1969. The results of his work are shown on GSC Map 1293A, Surficial Geology, Bonaparte Lake, British Columbia. Figure 5 shows the portion of Map 1293A which covers the Crazy Fox property.

Of particular interest from a till sampling perspective is the ice flow direction which appears to be about  $160^{\circ}$  (same as the strike of the rocks) in the area of the Crazy Fox property.

## **9.0 SAMPLING PROCEDURE:**

9.1 Rocks: A total of 52 rock samples were collected. Samples were taken from both outcrop and float in an effort to determine the possible source of the high values in glacial tills. Samples were placed in heavy plastic bags and tagged accordingly.

9.2 Tills: A total of 71 till samples were collected. All samples were taken from basal till deposits at an average depth of 1 to 2 meters. Sample size was about 2 to 3 kilograms. Samples were placed in heavy plastic bags and tagged accordingly.

9.3 Soils: A total of 48 soil samples were collected. Samples were taken from the B-horizon at an average depth of 20 to 30 centimeters. Although till is the preferred sampling material, soils were collected in areas where tills were difficult to sample. Samples were placed in kraft paper envelopes and tagged accordingly.

9.4 Silts: A total of 11 silt samples were collected. Small streams were sampled to help us focus in on the source of the till anomaly. Due to poor road access at the time, very few samples were taken in this area during the Regional Geochemical Survey Program carried out by Ministry of Mines in the 1970's. Samples were placed in kraft paper envelopes and tagged.

The UTM grid location of most samples was determined using a Trimble GeoExplorer handheld GPS. At each location, approximately 30 positions were recorded and later differentially corrected using data obtained from the US Forest Service Kettle Falls base station. All locations have an expected accuracy of better than  $\pm 10$  meters.

# SURFICIAL GEOLOGY MAP CRAZY FOX PROPERTY



(Portion of Geological Survey of Canada Map 1293A Bonaparte Lake)

All samples were shipped by Greyhound to Acme Analytical Labs in Vancouver for geochemical analyses.

## 10.0 SAMPLE PREPARATION AND ANALYSIS:

10.1 Rocks: Samples are crushed to -10 mesh, split and pulverized to -150 mesh. From this, a 0.500 gram sample is digested with 3 ml. of 2-2-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95°C for one hour and is diluted to 10 ml. with demineralized water. Leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Tl, B, W and massive sulphide and limited for Na, K and Al. Multi-element analysis is done by Inductively Coupled Argon Plasma. Elements obtained in the ICP analysis are: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K and W.

Gold is determined by igniting a 10 gram sample overnight at 600° C and digesting it in 30 mls. of hot dilute Aqua Regia. 75 ml. of clear solution obtained is extracted with 5 ml. of Methyl Isobutyl Ketone (MIBK). Au is determined in MIBK extract by Atomic Absorption.

10.2 Soils, Tills and Silts: Samples are dried at 60°C and up to 100 gm. is sieved to -80 mesh. From this, a 15 gram sample is digested with 90 ml. 2-2-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95°C for one hour and is diluted to 300 ml. with demineralized water. Leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Tl, B, W and limited for Na, K, Ga and Al. Multi-element analysis is done by Inductively Coupled Argon Plasma ES and MS. Elements obtained in the ICP analysis are: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Tl, Hg, Se, Te and Ga.

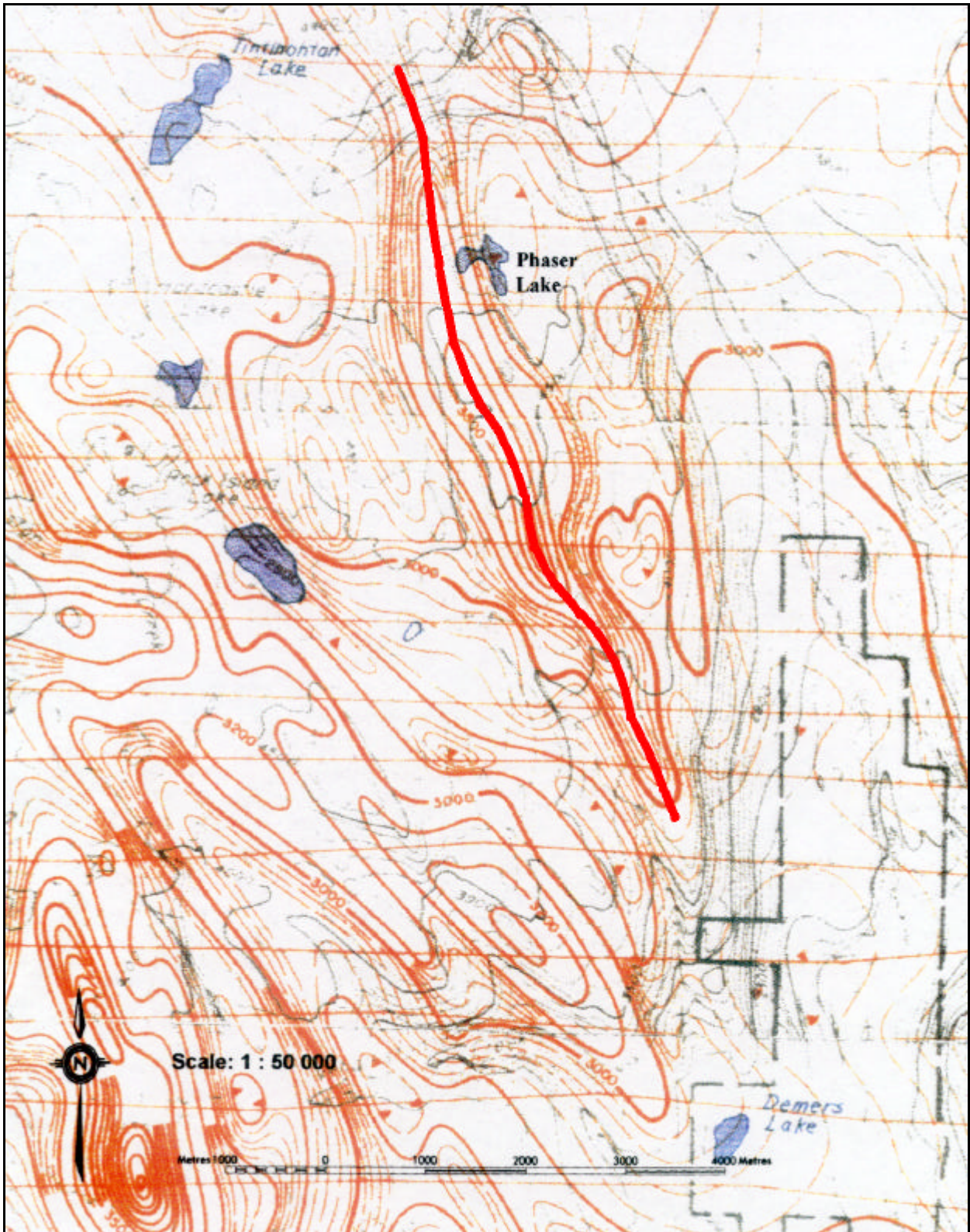
## 11.0 DATA PRESENTATION:

The work carried out on the Crazy Fox Property is summarized on maps as follows:

- 11.1 A sketch map of the property at 1:10 000 scale is included as Figure 8 in the back pocket of this report. The map shows the location of all samples collected as well as comments on outcrops seen.
- 11.2 The Figure 4 map shows our interpretation of the geology in the area of the multi-element till anomaly. The map is based on a very limited number of outcrops and therefore it is likely that the geology is far more complex than that shown.
- 11.3 Figures 7a to 7j show the till geochem values plotted for each of the elements of interest - Ag,



# REGIONAL AIRBORNE MAGNETICS CRAZY FOX PROPERTY



(Portion of Geological Survey of Canada Map 5224G Chu Chua and 5229G Clearwater)

Figure 7A

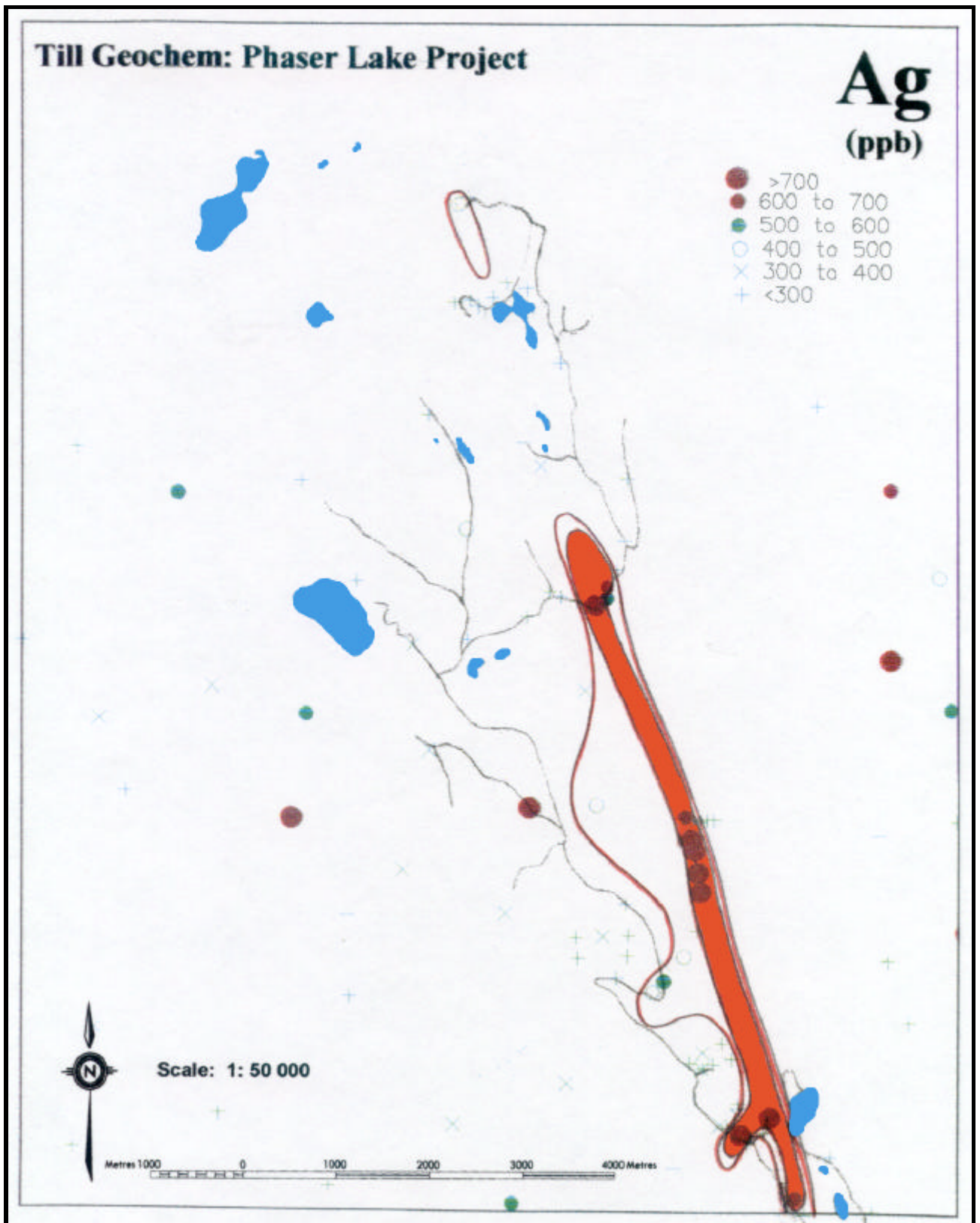


Figure 7B

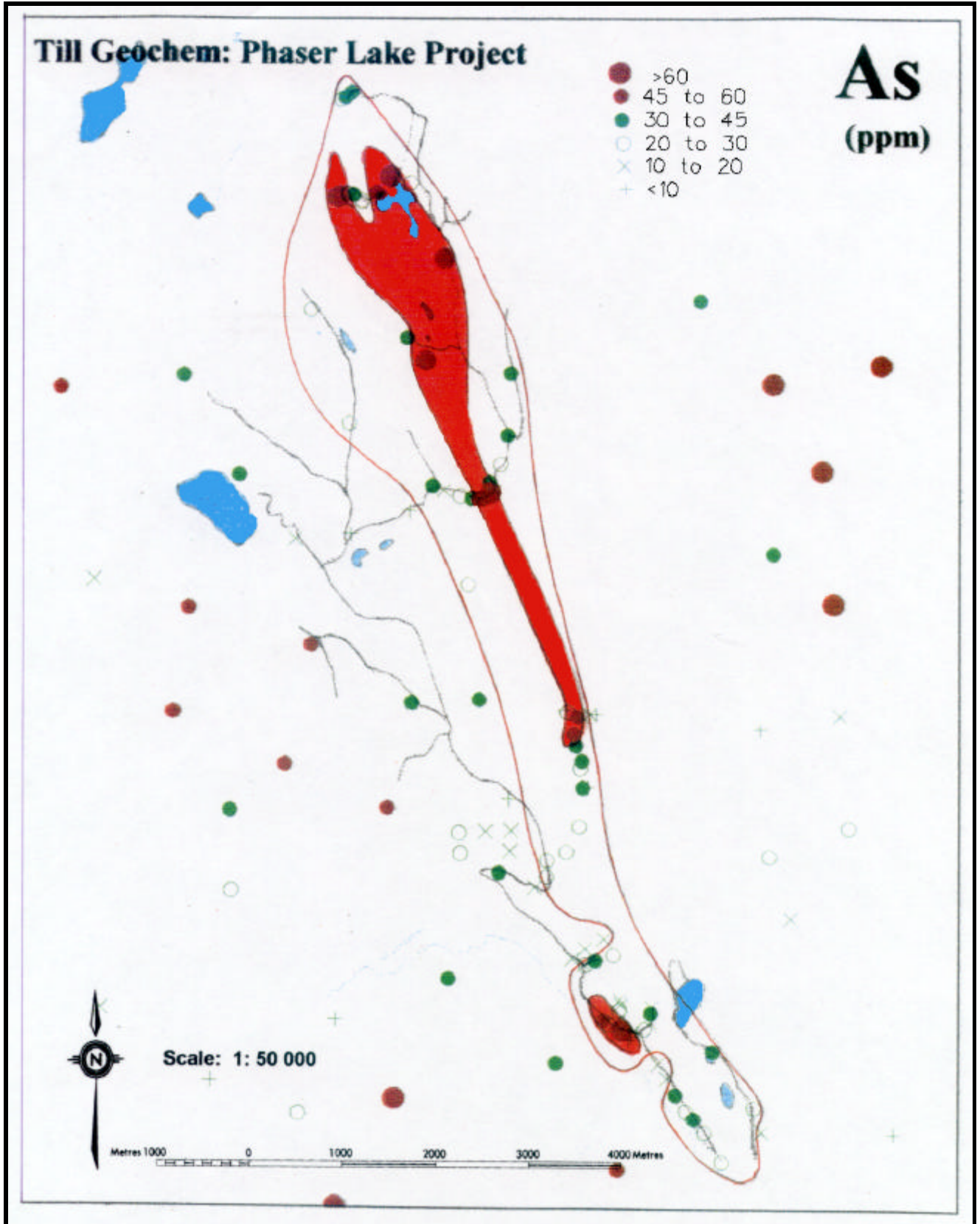


Figure 7C

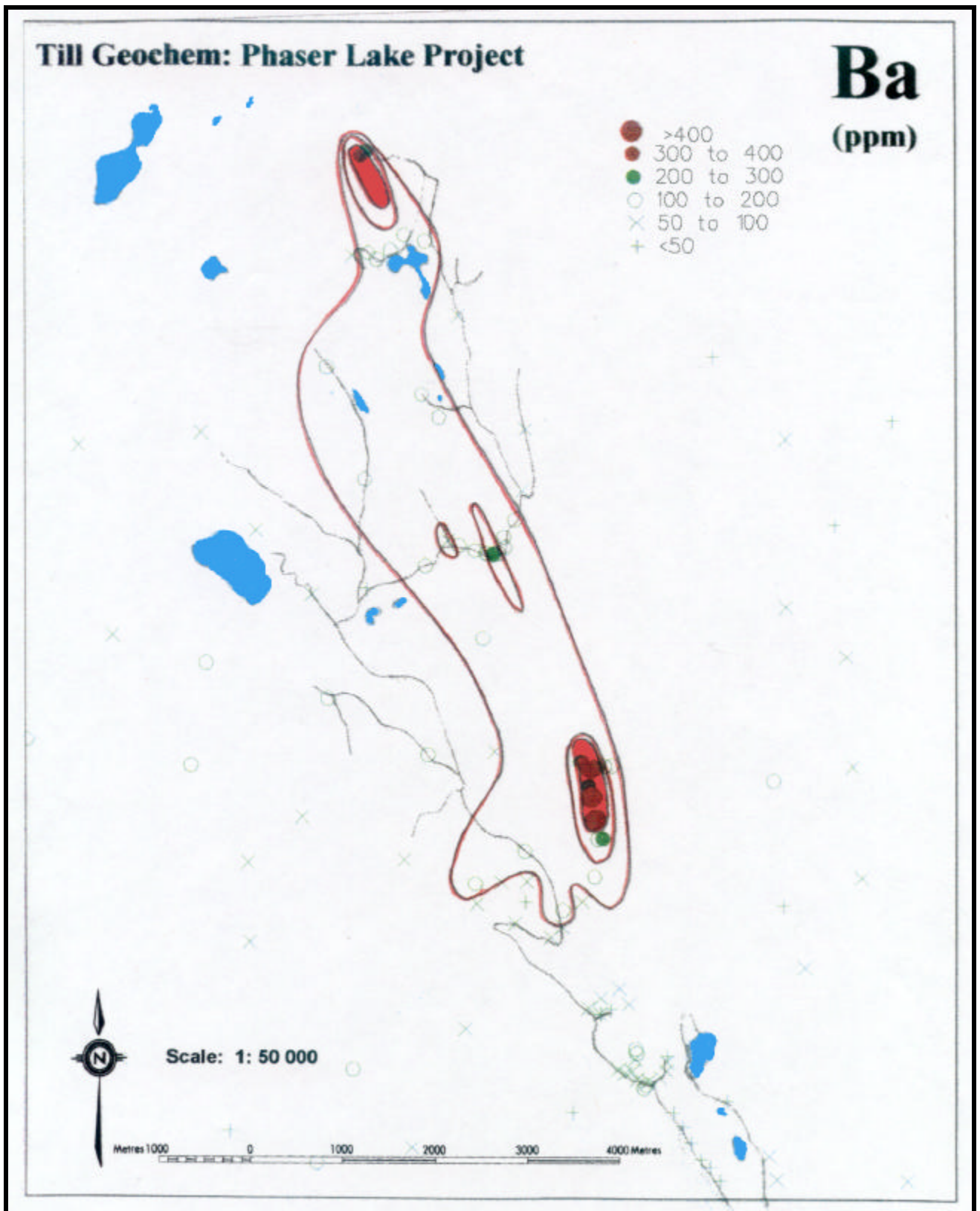


Figure 7D

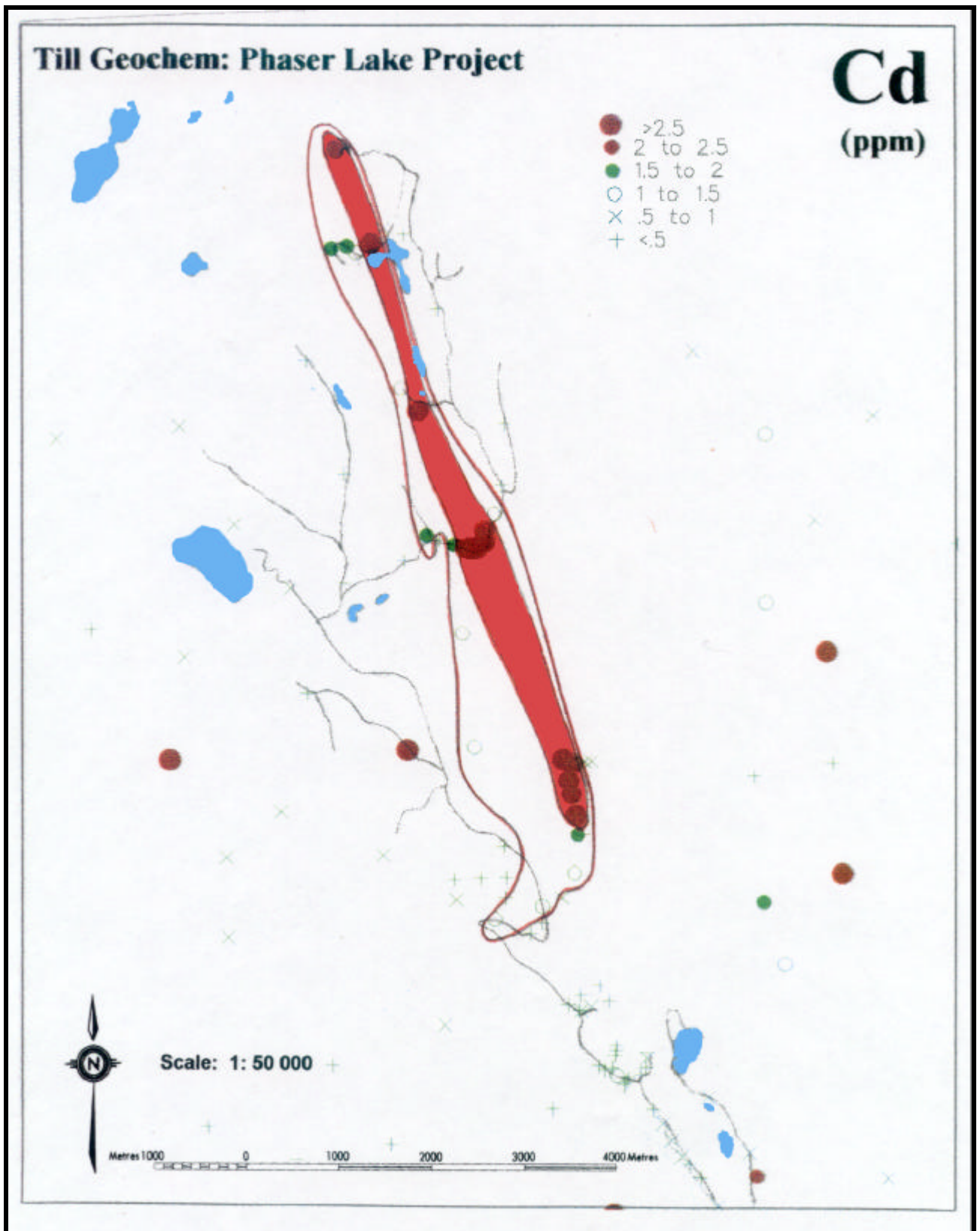


Figure 7E

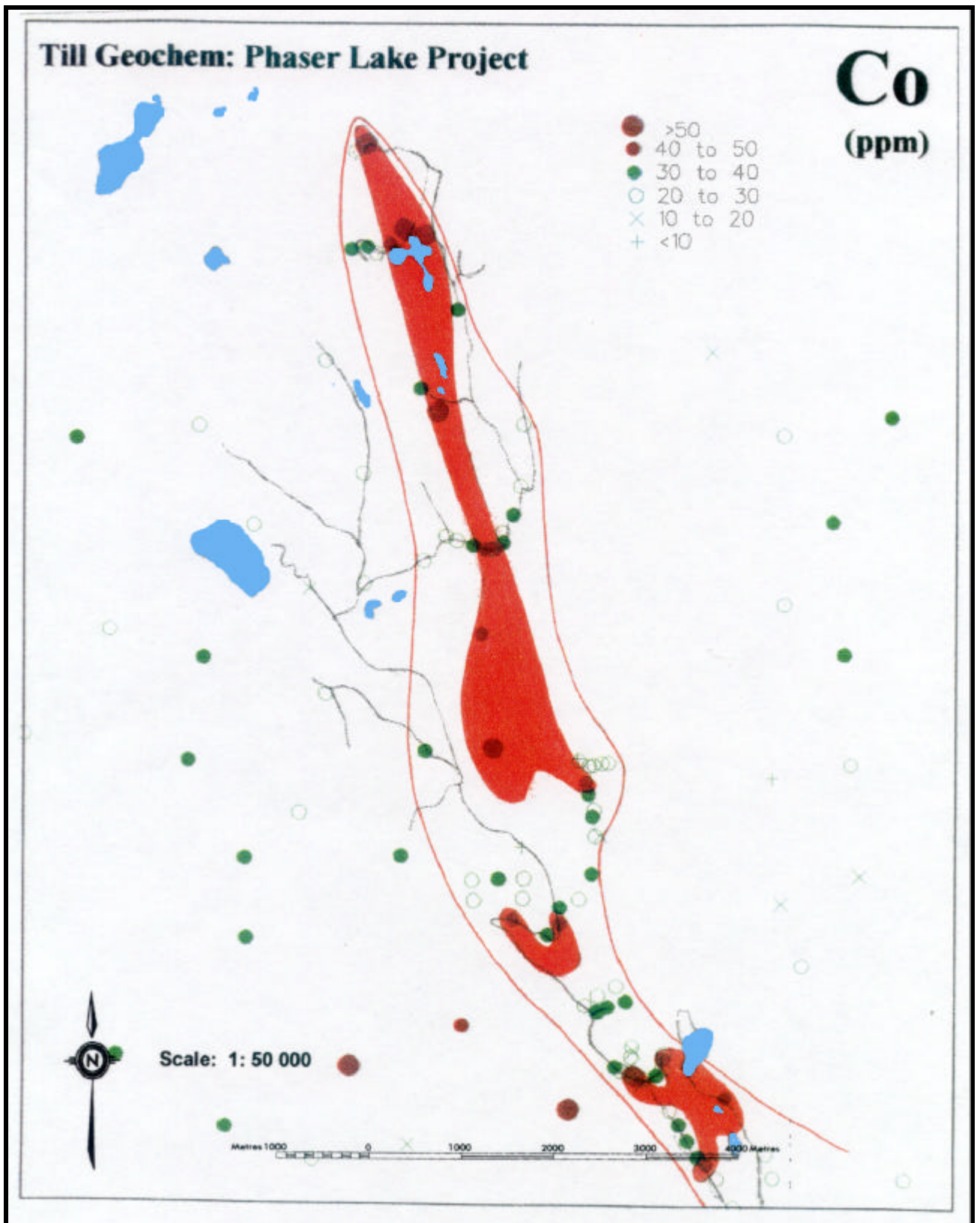


Figure 7F

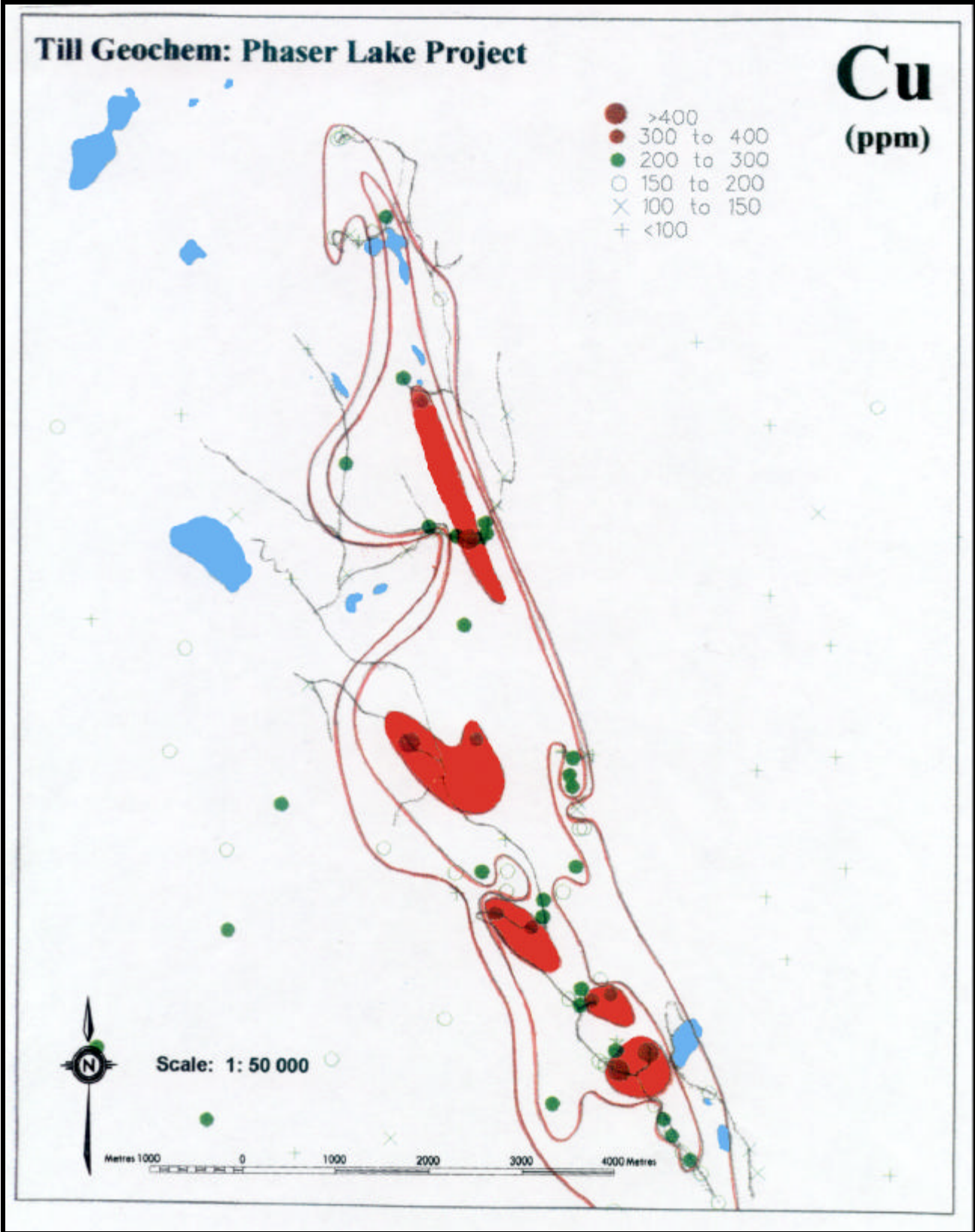


Figure 7G

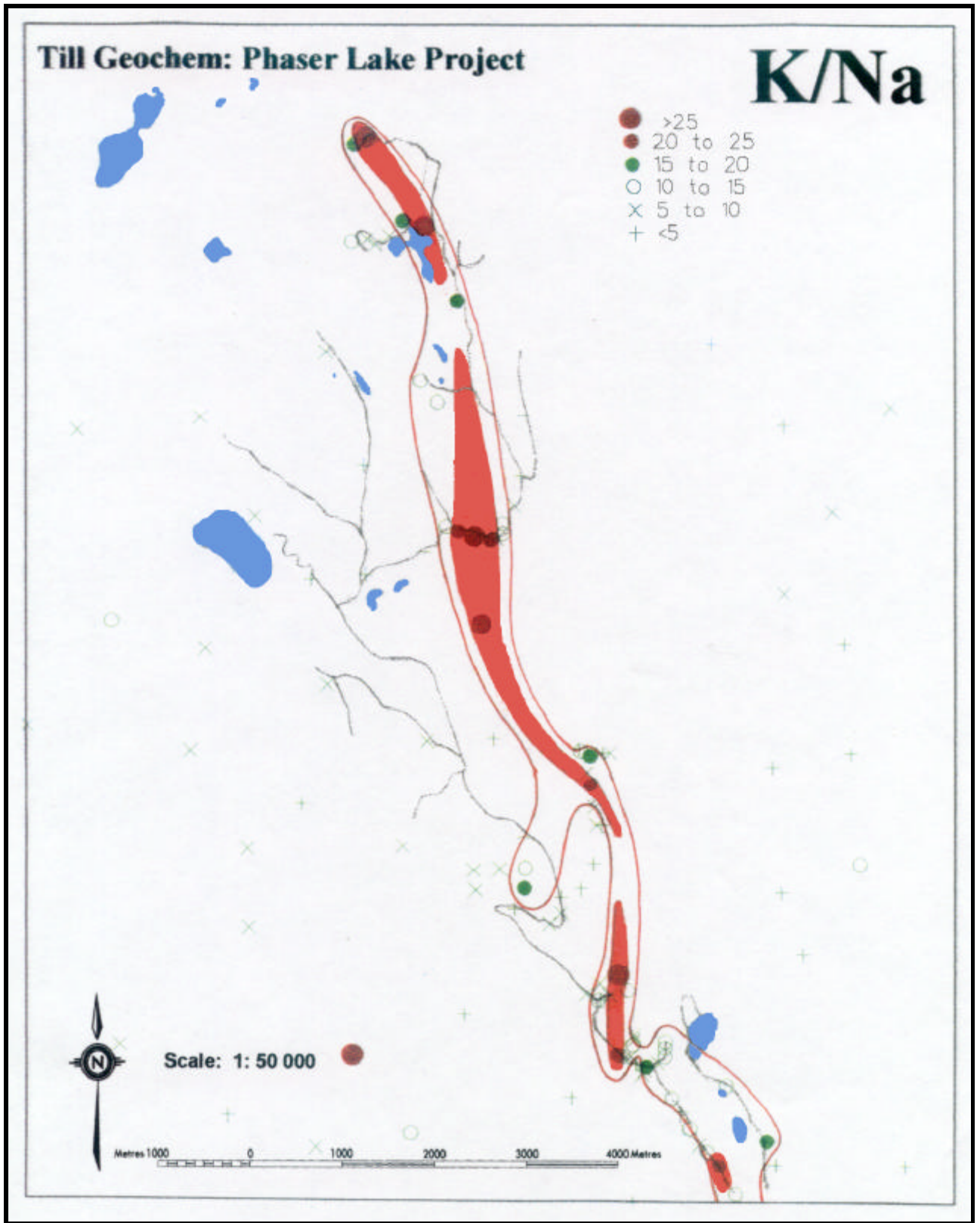




Figure 7H

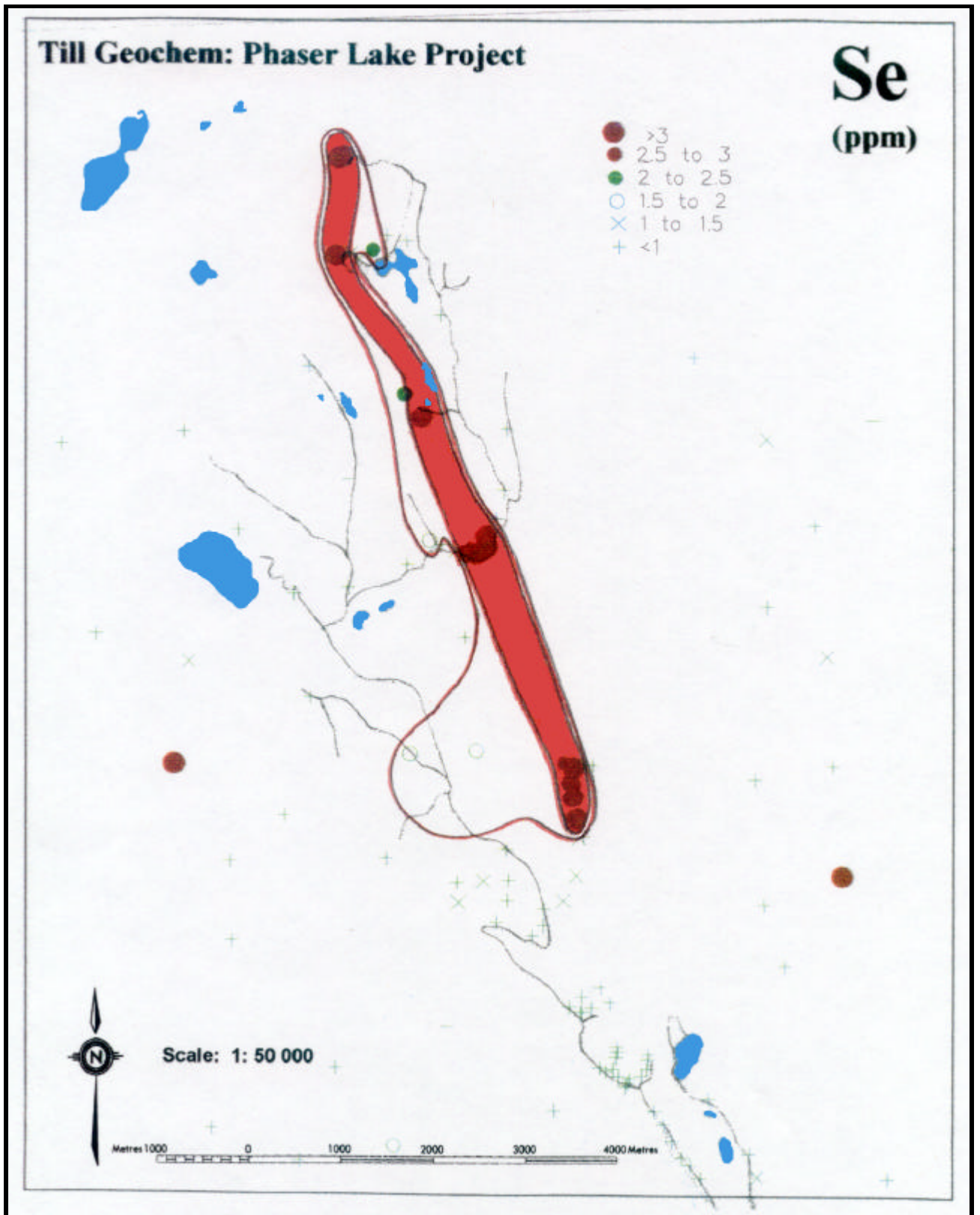


Figure 7I

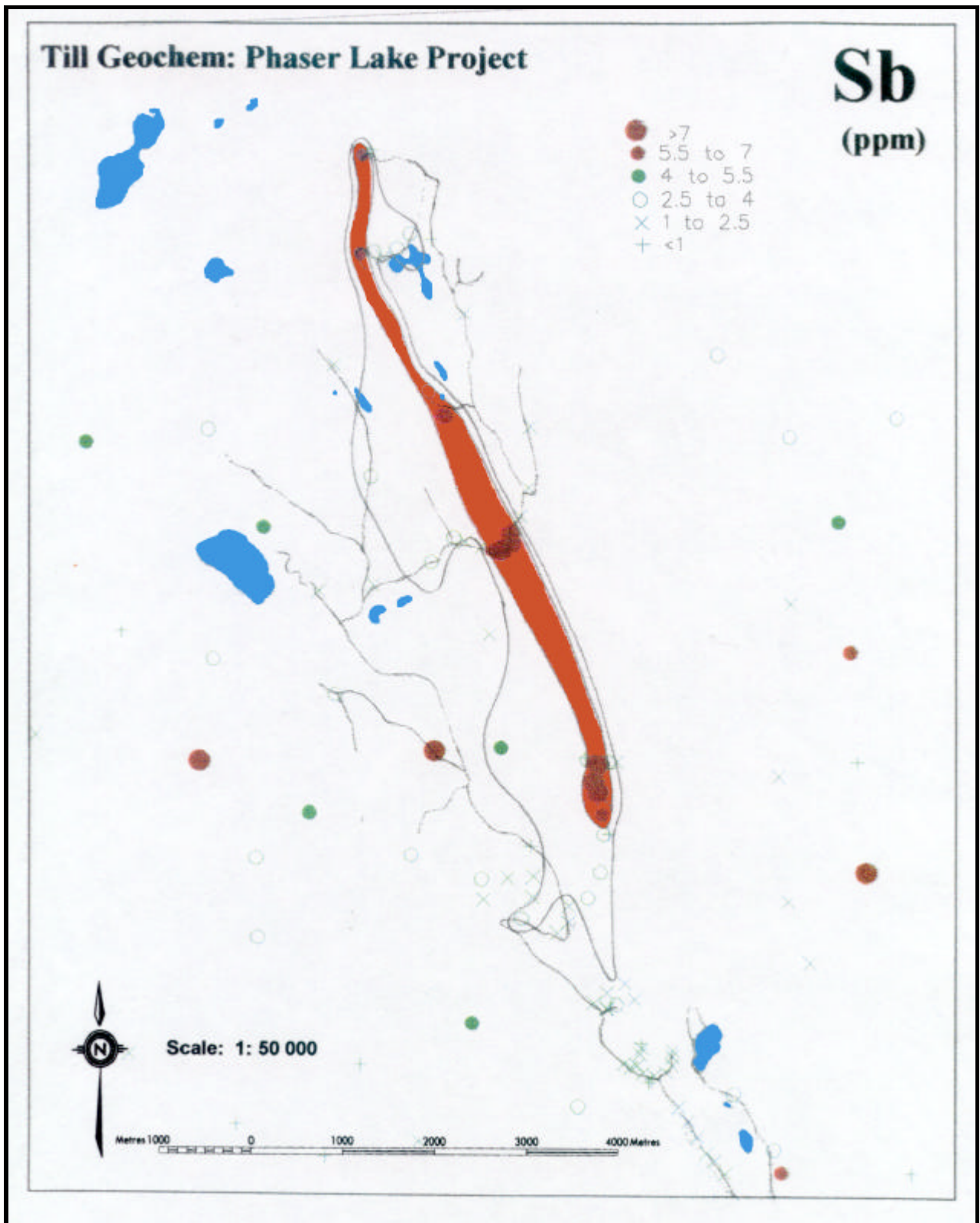
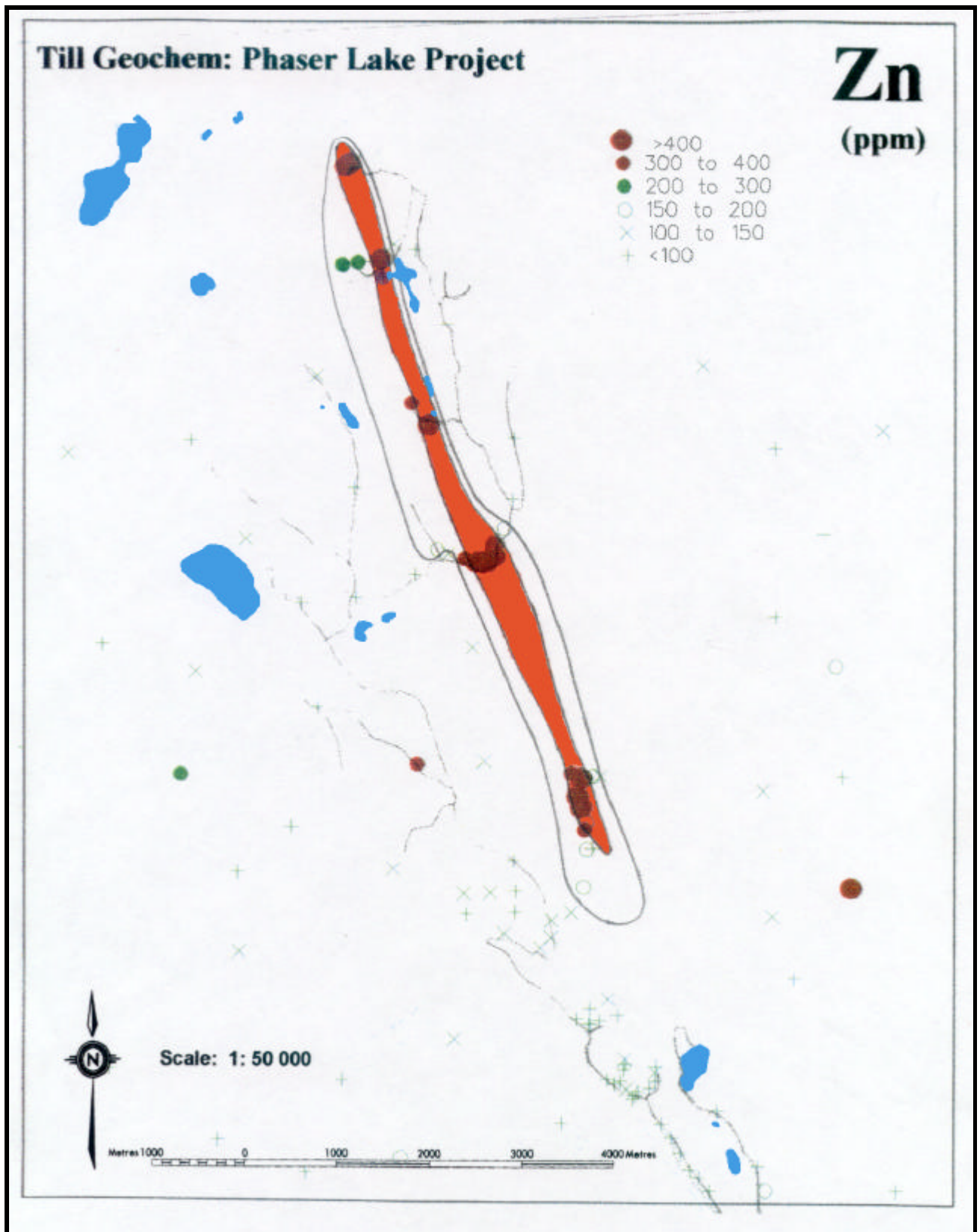


Figure 7J



As, Ba, Cd, Co, Cu, K/Na, Se, Sb and Zn. Sample data used includes tills collected by us and also Ministry of Mines sample data from Open Files 1998-6 and 2000-17. The values used for contouring of each element are somewhat arbitrary but were chosen to clearly show the anomalies. Contour values used appear to be realistic based on a comparison of values used by Ministry of Mines staff in Open File Reports. The following table demonstrates the values used in the various till sampling programs in the Little Fort area.

Our Data		OF2000-17		OF1998-6		OF1997-9		
Element	95th %ile	99th %ile	95th %ile	99th %ile	95th %ile	99th %ile	95th %ile	99th %ile
Ag	>600	>700	>668	>1393	>401	>967	>300	>700
As	>45	>60	>60.6	>147.1	>15.6	>42.7	>22	>56
Ba	>300	>400	>169	>246	>208	>323	>215	>432
Cd	>2	>2.5	>1.18	>4.52	>0.65	>1.53	>0.8	>2.7
Co	>40	>50	>39	>47	>28	>43	>39	>60
Cu	>300	>400	>245.4	>297.8	>122	>287	>135	>311
Se	>2.5	>3	>1.5	>3	>0.7	>1.6	<3	>3
Sb	>5.5	>7	>3.9	>4.7	>1.0	>2.4	>1.3	>2.3
Zn	>300	>400	>184	>222.9	>104	>173	>179	>447
Total Samples		170		331		496		

11.4 The analysis data for soils has not been used in preparing the geochem anomaly maps. However, our data indicates that soil analysis produces results similar to tills, and would generate similar anomalies.

## 12.0 OBSERVATIONS:

The field examinations and geochemical reconnaissance sampling program carried out on the Crazy Fox Property indicates the following:

12.1 A very strong multi-element geochemical anomaly in glacial tills occurs on the Crazy Fox Property.

12.2 The anomaly is up to 500 meters wide and 8 to 10 kilometers long.

12.3 The anomalous elements present are Ag, As, Ba, Cd, Co, Cu, Se, Sb and Zn. This suite of elements may be indicative of VMS mineralization.

12.4 Regarding the transportation of glacial tills, Bobrowsky, Open File 1998-6, states that "...transport distances are in the order of tens of meters to a few kilometers from source area ..." The length and width of the Crazy Fox till anomaly suggests that the anomaly has been generated from a source which has a significant strike length and which strikes parallel to the ice direction. Or, there may be multiple sources along a trend which parallels the ice direction. This would be consistent with the possibility that the anomaly is indicative of VMS style mineralization.

12.5 There is a strong airborne magnetic anomaly which appears to be coincident with the till geochemical anomaly (see figure 6). This anomaly has been ground checked at a number of locations using a magnetometer. Background in the area is about 57000 gammas and our maximum reading was 59905 gammas. Near the main road at samples 73335A to C, there is a magnetic high greater than 59000 gammas over a width of about 50 meters.

12.6 Rock outcrops and float examined on the property do not explain the geochemical and magnetic anomalies. Rocks analyzed were not highly anomalous in the element suite described and all rocks tested were very weakly magnetic or displayed no magnetism at all. Minor pyrrhotite was noted in some of the argillites.

12.7 The geologic setting is typical of environments where VMS deposits are known to occur.

### **13.0 RECOMMENDATIONS:**

13.1 Based on the evidence collected to date, the area must be tested to determine the source of both the geochemical and magnetic anomalies.

13.2 Additional work, particularly geophysics, should be employed to determine the best target area(s) for testing by trenching and/or diamond drilling.

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L. Addie

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R. Bourdon

June 2000

Appendix II

**GEOCHEM ICP ANALYSIS**



GEOCHEMICAL ANALYSIS CERTIFICATE



Addie, Lloyd PROJECT FOX File # 9901508

1102 Gordon Road 'A-801', Nelson BC V1L 3H4

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mi	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm
E139118	3.0	312.7	11.3	96.6	249	65.1	30.3	681	6.57	25.6	.9	66.2	2.6	52.5	.39	2.29	.33	146	.70	.113	10.0	114.1	1.43	58.0	.148	1	2.39	.01	.14	.6	.22	44	.8	.10	6.8
RE E139119	1.8	191.9	8.2	128.4	292	65.0	22.3	504	5.48	18.0	.7	16.4	2.6	44.7	.37	1.64	.25	133	.67	.081	8.6	115.7	1.24	65.4	.170	1	2.62	.01	.25	.3	.22	33	.6	.08	7.4
E139119	1.7	192.4	8.3	128.0	196	65.5	22.0	500	5.48	17.7	.7	12.7	2.5	43.0	.38	1.58	.23	133	.65	.080	8.2	114.9	1.24	65.5	.167	1	2.61	.01	.25	.3	.22	27	.5	.08	7.3
E139120	1.3	249.8	8.0	87.2	383	53.3	24.5	575	4.67	11.3	.4	36.0	2.8	46.8	.24	1.16	.23	103	.73	.049	7.6	96.1	1.29	76.4	.159	1	2.34	.02	.12	.3	.17	63	.8	.07	6.5
E139121	2.4	170.4	7.7	83.3	109	61.9	29.0	617	5.47	14.9	.5	26.4	2.6	45.1	.15	1.57	.24	145	.52	.054	10.0	145.0	1.85	61.8	.147	1	2.44	.01	.13	.2	.16	34	.6	.12	7.8
E139122	3.0	220.2	10.0	102.9	343	103.9	31.9	659	6.47	13.3	.5	29.0	2.0	44.1	.19	1.68	.22	180	.59	.060	6.5	268.5	2.71	53.8	.181	1	2.93	.01	.09	.3	.19	29	1.1	.19	9.1
E139123	2.3	173.8	9.2	129.5	269	69.7	25.8	589	6.19	22.9	.4	10.8	3.4	44.7	.33	2.92	.66	166	.74	.050	11.5	121.2	1.70	130.9	.168	1	3.25	.02	.15	.8	.14	37	.5	.07	9.7
E139124	8.7	99.6	10.8	346.6	690	88.0	28.8	805	4.67	28.9	.5	15.4	1.7	189.5	3.27	3.69	.23	93	7.75	.183	7.5	121.6	1.54	360.4	.021	1	1.40	<.01	.07	<.2	29	210	2.9	.11	4.0
E139125	24.1	279.7	14.4	913.1	348	131.8	22.7	352	7.35	52.1	.6	6.3	2.1	19.5	5.53	12.87	.22	57	.12	.111	7.7	32.3	.49	603.2	.010	1	1.49	<.01	.08	<.2	1.36	58	7.8	.15	2.6
E139126	12.8	271.7	22.2	476.7	762	119.0	43.1	1208	8.30	48.1	.6	25.8	2.4	73.3	5.97	9.23	.31	88	.97	.161	12.2	54.0	.96	291.9	.064	1	1.49	.01	.08	<.2	.84	384	4.4	.12	3.9
E139127	15.4	219.1	24.1	467.0	1005	105.7	33.0	1159	7.31	31.0	.8	19.2	2.7	64.2	4.62	11.73	.37	76	.93	.215	13.0	38.7	.77	577.1	.049	1	1.26	<.01	.12	<.2	.45	727	4.2	.16	3.7
KEG3+4DN	2.2	176.5	8.7	83.6	245	55.1	27.2	536	5.53	12.2	.4	24.9	1.7	40.1	.15	1.75	.26	143	.49	.052	5.6	114.2	1.82	40.3	.137	1	2.33	.01	.15	.3	.13	35	.9	.11	7.5
KEG9+0DN	1.3	87.0	6.7	53.6	151	31.5	21.1	607	2.80	23.3	.3	6.6	.7	274.9	.89	2.09	.24	58	13.68	.082	3.7	52.2	.81	67.3	.056	1	1.08	.01	.08	.7	.13	66	1.0	.09	3.2
STANDARD DS2	15.6	130.0	31.5	165.4	266	38.2	12.9	834	3.15	59.7	21.5	201.2	3.6	29.3	11.64	9.05	11.27	82	.56	.081	12.5	167.0	.60	142.2	.105	1	1.80	.03	.16	7.6	2.14	258	2.7	1.91	6.2

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & NS. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR HG BA TI B W AND LIMITED FOR NA K GA AND AL.

- SAMPLE TYPE: TILL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 25 1999 DATE REPORT MAILED: *June 8/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. File # 9901713

907 W. Richards St., Nelson BC V1L 5T3



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E78851	190	43	117	100	.9	39	12	1378	5.08	7	<8	<2	<2	82	2.9	3	5	64	2.17	.053	2	45	1.22	126	.01	<3	.30	.04	.33	4	9
E78852	5	38	15	228	.3	28	10	1031	2.11	12	<8	<2	5	2029	1.6	7	<3	25	17.57	.076	5	14	.23	395	<.01	3	.25	.02	.12	<2	4
E78853	333	39	137	96	1.1	48	18	2018	7.18	9	<8	<2	2	106	3.5	3	11	69	4.22	.071	3	40	1.46	92	<.01	<3	.33	.03	.23	3	29
E78854	6	22	4	287	.3	42	15	417	3.84	4	<8	<2	3	169	1.5	<3	3	24	6.46	.127	4	14	.25	1239	<.01	4	.45	.02	.22	<2	4
E78855	16	76	10	895	1.3	41	7	228	2.92	28	<8	<2	<2	26	15.7	9	<3	32	.13	.067	6	11	.02	237	<.01	4	.33	.03	.14	<2	3
E78856	108	36	64	110	.8	53	24	1856	6.93	9	<8	<2	2	97	2.7	3	<3	101	3.52	.112	2	71	2.45	62	.01	<3	.58	.05	.68	<2	7
E78857	5	1222	11	38	9.1	<1	98	538	11.84	451	<8	<2	2	5	2.2	4	16	55	.08	.047	2	7	.77	53	.08	<3	1.73	.03	.09	<2	386
E78858	1	5	<3	3	<.3	4	1	66	1.25	<2	<8	<2	<2	2	<.2	<3	<3	4	.02	.002	5	20	.01	7	<.01	<3	.08	.01	.05	5	1
E78859	103	36	4	17	.3	3	10	50	6.40	3	<8	<2	<2	7	<.2	<3	<3	31	.01	.013	6	21	.01	10	.01	<3	.07	.01	.03	4	<1
RE E78859	101	35	<3	16	<.3	3	10	50	6.30	<2	<8	<2	<2	7	.3	<3	<3	30	.01	.012	5	20	.01	13	.01	<3	.07	.01	.03	5	<1
E78860	2	176	<3	71	.3	19	30	1158	6.55	8	<8	<2	2	78	1.6	<3	<3	203	2.95	.160	7	36	1.69	51	.25	<3	2.86	.06	.07	<2	2
STANDARD C3/AU-R	26	62	39	166	5.9	37	12	794	3.41	56	13	3	19	29	23.6	15	21	80	.58	.088	18	170	.61	156	.10	22	1.90	.04	.16	20	546
STANDARD G-2	1	3	<3	44	<.3	9	4	548	2.08	2	<8	<2	4	72	<.2	3	<3	42	.66	.094	8	76	.61	227	.15	<3	.95	.07	.48	<2	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 14 1999 DATE REPORT MAILED: *June 21/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT DEMERS File # 9902058  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
E 78862	4.78	73.19	11.26	206.8	232	39.5	22.8	880	4.69	18.0	.6	2.4	5.1	39.9	1.30	3.57	.16	105	.41	.136	6.0	44.6	1.00	193.6	.067	3	2.04	.039	.19	1.5	.20	39	1.4	.04	5.9	<.01
E 78863	4.53	104.82	8.34	158.8	127	45.0	23.3	784	4.88	11.5	.5	2.3	2.0	40.5	.95	2.74	.11	120	.58	.100	6.2	56.0	1.38	156.8	.109	4	1.94	.041	.15	1.7	.20	23	1.1	.05	5.6	<.01
E 78864	2.61	80.06	10.23	140.9	135	45.6	26.3	812	4.73	8.3	.5	<.2	1.3	41.2	.61	1.59	.19	133	.57	.113	5.5	86.1	1.52	111.8	.162	2	2.33	.029	.16	1.4	.18	16	.9	.07	7.0	<.01
E 78865	8.53	72.20	13.43	404.1	471	71.1	23.6	957	4.66	22.2	.9	3	1.5	37.7	3.21	3.80	20	115	.29	.130	8.0	80.7	1.27	266.4	.073	3	2.35	.027	.22	1.8	.68	30	2.2	.06	6.2	<.01
E 78866	1.37	135.75	10.90	81.1	71	93.8	29.9	796	4.55	32.6	.4	<.2	.9	60.1	.36	1.51	.28	134	1.02	.096	4.4	170.3	2.16	75.2	.191	3	2.61	.047	.15	1.4	.18	18	.4	.16	6.8	<.01
E 78867	2.99	135.80	10.06	154.5	138	82.1	31.1	867	5.06	29.4	.5	<.2	.6	60.0	1.06	2.17	.16	137	.87	.104	6.3	131.6	2.06	108.3	.187	4	2.69	.038	.19	1.2	.18	37	.7	.07	7.1	<.01
RE E 78867	2.99	136.37	10.23	153.3	133	81.6	30.6	865	5.06	29.2	.5	.4	.5	59.7	1.11	2.22	.15	137	.87	.105	6.3	137.4	2.09	109.6	.194	4	2.75	.036	.18	1.2	.18	38	.8	.05	7.0	<.01
E 78868	12.47	193.81	14.60	401.7	278	72.9	28.5	937	5.06	38.2	1.3	<.2	1.4	64.3	3.37	4.19	.24	107	.62	.117	12.6	54.4	1.42	227.8	.159	3	2.11	.028	.30	.9	.47	36	3.6	.11	4.9	<.02
E 78869	1.54	148.22	10.86	103.8	103	19.6	26.8	1364	5.69	12.2	.5	6.8	1.2	40.8	.33	1.14	.07	251	.56	.133	12.1	37.5	2.37	106.9	.207	2	3.09	.044	1.02	.3	.58	12	1.1	.03	11.1	<.01
E 78870	2.43	138.94	7.32	86.2	140	40.0	27.5	921	5.13	4.2	.5	6.0	.9	108.4	.40	2.51	.37	192	2.25	.112	6.0	92.4	2.12	128.6	.167	2	2.58	.042	.17	1.2	.13	28	.2	.04	8.7	<.04
E 78871	.96	138.38	5.87	67.8	83	44.6	28.2	881	5.46	5.6	.4	6.4	.6	40.1	.16	1.78	.14	220	.88	.110	6.1	110.3	2.26	43.0	.217	2	2.68	.039	.10	.9	.08	8	.1	.03	9.7	<.01
STANDARD DS2	13.82	128.61	34.02	173.1	260	37.1	12.3	799	3.04	61.3	20.2	201.5	3.7	35.1	11.24	9.37	13.11	87	.53	.094	14.9	162.1	.60	171.7	.117	2	1.68	.032	.16	7.1	2.02	231	2.3	1.82	6.0	<.02

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.  
- SAMPLE TYPE: TILL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 1999 DATE REPORT MAILED: *July 14/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT FOX  
907 W. Richards St., Nelson BC V1L 5T3

File # 9902898  
Submitted by: R.J. Bourdon



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %		
B 51938	4.11	3.24	24.23	30.8	53	4.6	.9	432	53	18.2	3.2	27.2	4.1	.16	.23	.53	2	.03	.005	10.0	15.7	.01	48.9	.001	1	.25	.090	.14	6.1	.06	8	3	<.02	1.1	.02			
B 51939	9.82	91.93	15.12	74.9	192	15.1	10.4	253	1.83	12.0	1.3	<1	3.3	60.1	1.60	1.72	.28	70	1.06	.143	5.9	13.5	.39	109.9	.221	2	1.09	.033	.36	1.4	.18	24	5.0	.09	3.7	.79		
B 51941	3.62	129.17	11.27	120.9	133	18.8	19.9	1009	4.33	17.5	.5	<1	1.7	132.0	.85	1.21	.14	70	1.33	.187	6.7	18.4	1.36	96.8	.244	4	1.93	.027	.46	.6	.26	18	3.9	.09	5.1	.66		
B 51944	10.76	119.69	10.24	146.0	381	19.6	8.5	328	3.03	33.0	.9	<1	2.0	80.1	2.21	2.54	.21	85	.89	.142	4.1	30.1	.35	185.8	.269	4	.96	.026	.33	1.4	.32	49	9.8	.17	2.9	.65		
B 51945	7.69	165.86	14.63	205.2	455	16.2	13.2	295	2.97	8.5	.8	<1	2.3	116.6	1.85	2.24	.29	63	1.29	.172	7.0	10.2	.18	177.4	.297	11	.97	.019	.43	1.0	.41	27	9.0	.14	2.8	1.32		
B 51947	561.95	58.18	138.21	10.8	1164	5.4	1.8	73	1.34	8.5	.4	59	.2	49.5	.16	.93	16.36	7	.17	.030	1.1	30.3	.02	274.0	.002	<1	.08	.007	.10	22.4	.07	55	2.0	61	.5	.36		
B 51948	11.77	146.55	10.19	144.5	378	32.2	30.5	807	5.02	6.5	.7	<1	1.1	232.6	1.55	3.32	.50	164	3.15	.137	4.3	38.6	1.25	29.2	.227	5	1.38	.039	.14	1.7	.09	34	7.1	.10	6.5	1.92		
E 73304	9.76	81.59	11.84	213.7	507	48.9	16.8	763	4.84	57.7	.5	3	1.2	511.4	2.28	8.00	.35	40	5.43	.125	3.1	22.4	.71	94.0	.004	3	.93	.013	.26	1.4	.33	45	9.5	.19	2.2	2.43		
E 73305	10.73	137.09	2.82	192.9	309	55.5	20.9	414	4.26	14.5	1.0	<1	1.1	198.9	1.74	1.18	1.68	322	1.30	.119	4.7	128.1	1.75	90.3	.289	<1	2.91	.351	1.32	3.1	1.34	<5	9.5	.07	10.5	1.83		
RE E 73305	10.82	140.28	3.24	193.7	317	56.2	20.7	421	4.34	14.5	1.0	<1	1.1	204.6	1.79	1.14	1.72	328	1.32	.119	4.8	129.4	1.78	92.5	.292	1	2.96	.355	1.33	3.2	1.36	<5	9.8	.07	10.7	1.85		
E 73306	3.28	225.37	14.66	120.1	557	32.3	25.4	233	4.96	2.4	.6	<1	1.6	73.6	.90	2.31	.23	44	.92	.215	6.1	9.5	.47	82.7	.209	6	1.11	.018	.50	1.0	.54	20	15.1	.13	2.5	2.34		
E 73307	.78	107.22	4.61	57.7	77	58.1	31.7	950	4.28	26.3	.3	<1	.6	467.0	<.01	.49	.06	102	5.07	.135	3.2	74.2	2.01	172.3	.170	5	2.34	.028	.30	.6	.32	<5	.4	.07	6.6	.07		
STANDARD D	13.72	125.90	28.96	163.4	221	35.9	12.3	803	3.11	65.8	19.5	195	3.2	29.9	11.08	9.75	10.66	79	.53	.081	14.0	160.0	.57	134.6	.117	2	1.68	.038	.17	6.6	1.95	236	2.5	1.85	6.0	.02		

Standard is STANDARD DS2.

1 GRAM SAMPLE IS DIGESTED WITH 6 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 20 ML WITH WATER, ANALYSIS BY ICP/ES & MS.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.  
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 1999 DATE REPORT MAILED: *Aug 27/99* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT FOX File # 9902899

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
51940	.95	143.36	8.43	92.4	58	75.1	38.1	828	4.47	56.7	.3	11.5	1.0	47.8	.42	2.03	.16	142	.61	.099	3.5	135.9	2.04	81.5	.193	3	2.49	.013	.10	.8	.10	15	.6	.02	6.7	<.01
51940A	5.27	64.62	8.79	574.8	648	90.6	30.8	633	4.33	27.2	.7	2.8	.6	30.7	3.73	2.42	.22	129	.25	.105	4.4	100.0	1.18	199.3	.086	2	2.90	.012	.07	.2	.33	40	1.8	.07	8.4	.02
51940B	5.47	152.21	12.11	588.7	226	46.5	45.5	724	4.39	13.9	.5	2.0	1.4	33.4	1.41	1.72	.22	99	.31	.111	3.6	24.5	.65	105.0	.102	2	2.79	.014	.08	.3	.23	50	1.6	.07	8.1	.02
51940C	1.35	53.64	6.63	548.2	643	34.2	23.5	601	4.46	14.8	.4	1.1	1.6	33.3	3.53	.78	.24	153	.45	.136	3.7	46.7	1.57	151.6	.172	1	2.88	.016	.19	.4	.17	32	.8	.02	9.6	<.01
51940D	2.24	38.60	9.54	178.5	416	23.5	16.1	456	3.34	67.7	.4	5.8	1.4	32.0	1.24	4.58	.27	76	.33	.173	4.6	32.3	.48	103.0	.083	1	1.56	.014	.06	.5	.09	41	.7	.08	7.5	.01
51942	15.85	238.69	15.12	564.8	368	138.4	40.5	983	6.77	48.0	.9	7.4	2.3	70.3	3.90	7.27	.30	111	.71	.128	12.7	82.5	1.30	175.1	.084	2	2.02	.016	.13	.3	.42	86	3.3	.14	5.4	.01
51943	12.36	455.96	18.84	528.8	181	102.5	46.9	1226	7.70	39.9	1.2	9.8	2.8	57.2	2.89	5.77	.39	109	.55	.135	22.9	60.0	1.36	113.1	.154	1	2.42	.015	.19	.5	.29	60	4.0	.15	5.8	.03
51946A	1.99	56.98	17.35	191.0	311	58.6	26.8	638	3.82	11.0	.5	4.4	1.8	28.5	.50	.97	.32	100	.34	.080	5.3	76.7	.83	125.7	.147	1	3.06	.016	.06	<.2	.17	38	.5	.11	10.0	<.01
51946B	.76	57.15	7.91	136.8	274	59.9	19.3	418	2.51	13.0	.4	29.2	1.5	21.6	.35	.66	.17	65	.24	.066	4.4	59.3	.53	113.7	.128	1	1.95	.020	.10	<.2	.09	32	.4	.07	6.6	<.01
51946C	7.34	160.43	23.48	149.6	147	62.5	21.9	373	4.63	12.6	.5	11.7	1.8	33.7	.48	3.03	.87	114	.40	.060	8.4	117.4	1.19	75.4	.101	1	1.66	.010	.14	<.2	.20	31	1.7	.17	5.9	.03
51946D	4.22	42.83	12.62	182.0	138	43.8	17.3	596	3.70	9.3	.2	2.6	1.2	32.6	.96	3.05	.37	61	.32	.087	4.8	47.9	.49	337.6	.049	2	1.51	.014	.13	<.2	.10	18	.7	.08	4.6	.01
51946E	4.31	103.85	9.54	222.9	211	40.1	22.5	682	4.07	26.1	.3	2.5	1.0	45.0	.90	3.04	.14	90	.47	.186	3.7	47.3	.64	233.0	.067	2	1.39	.008	.09	.2	.18	35	1.8	.04	4.8	.03
51946F	1.24	97.57	10.17	91.4	180	36.7	22.3	498	3.60	11.9	.5	5.2	3.4	34.1	.61	2.13	.15	85	.50	.066	10.0	45.9	1.04	151.4	.126	1	1.61	.013	.21	.2	.12	69	.6	.04	5.0	.01
51949	2.25	60.55	7.96	267.6	182	55.9	21.1	365	3.34	14.3	.4	1.4	1.8	34.5	.88	2.13	.33	66	.26	.100	5.2	45.5	.63	347.6	.103	2	2.40	.022	.10	<.2	.20	20	1.0	.03	6.6	<.01
51949A	2.67	221.53	8.07	144.0	122	73.9	32.9	530	4.77	25.6	.3	33.1	1.7	48.3	.79	5.46	.12	113	.55	.079	7.2	124.5	1.53	93.6	.130	2	2.08	.010	.11	<.2	.13	53	1.0	.05	5.8	.03
51949B	1.46	17.31	6.65	189.2	91	25.1	13.3	407	2.37	5.8	.2	2.2	1.2	21.7	.44	.87	.16	54	.22	.135	3.3	33.2	.42	182.2	.084	1	1.69	.012	.07	<.2	.11	25	.4	.02	5.9	<.01
51949C	1.98	37.00	7.47	166.1	81	41.1	19.2	307	3.21	9.2	.2	18.0	1.4	30.0	.21	1.15	.16	73	.31	.114	4.0	50.4	.65	208.1	.104	1	2.30	.013	.10	<.2	.12	14	.4	.03	7.0	<.01
51949D	3.41	52.25	8.38	113.6	65	44.1	18.0	378	3.34	7.1	.2	2.5	1.5	25.9	.29	2.04	.21	78	.32	.042	5.6	64.6	.73	131.5	.099	1	1.58	.013	.14	<.2	.12	10	.7	.04	5.0	.01
51949E	2.35	72.99	8.44	93.3	83	63.5	24.8	379	3.92	12.1	.3	3.8	1.6	34.6	.18	1.54	.19	109	.41	.030	5.5	121.2	1.20	71.2	.150	1	2.12	.012	.09	<.2	.12	13	.7	.08	6.9	.01
51949F	2.47	120.57	9.80	128.3	158	75.0	31.5	737	4.64	15.1	.4	11.2	1.6	45.7	.33	2.00	.19	134	.55	.047	6.1	144.6	1.61	121.1	.168	2	2.45	.013	.16	<.2	.15	18	.8	.06	8.1	<.01
RE 51949F	2.50	121.70	9.99	131.6	160	76.3	32.0	748	4.69	15.6	.4	6.8	1.6	46.3	.34	1.94	.19	134	.56	.048	6.1	144.5	1.63	123.2	.169	1	2.50	.013	.16	<.2	.15	18	.8	.09	8.3	<.01
51950	5.85	49.06	7.74	524.4	541	62.2	19.8	468	3.76	17.0	.4	3.1	1.6	24.3	4.14	2.07	.15	80	.20	.212	4.3	44.7	.55	269.1	.063	2	2.88	.013	.07	<.2	.55	49	1.8	.03	7.1	<.01
78882A	12.99	180.02	13.33	259.6	185	115.9	31.1	828	5.54	90.9	.7	4.8	2.0	65.4	1.83	6.03	.48	102	.49	.105	10.4	110.6	1.32	92.3	.126	1	1.84	.019	.19	.3	.34	25	3.3	.12	5.0	.01
78882B	5.39	145.56	11.26	249.1	75	98.2	34.0	1054	5.04	40.6	.6	4.5	1.8	76.6	1.68	3.03	.58	145	.74	.122	6.8	126.4	1.87	113.0	.151	1	2.20	.037	.27	.5	.54	29	1.4	.07	6.7	<.01
78882C	6.43	172.12	13.41	465.2	181	128.9	42.3	1139	6.36	46.0	.7	7.7	1.8	122.1	3.27	3.40	.58	214	.76	.104	7.6	181.8	2.60	147.9	.257	1	3.19	.044	.29	.4	.76	43	2.2	.09	9.7	.01
78882D	1.15	238.77	14.79	143.0	185	42.0	58.9	1516	6.00	122.8	.3	13.1	1.1	110.7	.67	3.46	.49	200	.97	.134	4.2	68.3	2.14	128.6	.207	4	2.65	.025	.39	.6	.17	28	.5	.11	9.1	<.01
78882E	.38	86.93	4.10	67.4	20	338.9	58.6	780	5.85	26.1	.3	1.4	.9	89.0	.04	.40	.11	149	.94	.113	2.2	524.0	6.43	129.8	.187	1	3.97	.011	.61	<.2	.20	8	.2	.03	10.0	<.01
78883A	11.23	183.45	8.91	823.1	412	149.1	29.0	621	5.95	42.1	.8	7.5	1.8	105.8	3.51	3.81	1.06	214	.62	.070	7.8	180.9	2.10	363.2	.184	1	2.82	.050	.42	.8	.97	33	4.4	.08	8.9	.01
78883B	1.39	186.20	3.91	102.2	99	42.4	50.4	973	6.91	33.8	.3	6.8	.8	122.3	.24	.85	.34	210	1.00	.114	2.0	43.9	2.47	251.4	.217	1	3.06	.031	.90	.4	.33	10	.6	.04	9.6	<.01
78884	13.28	236.49	14.78	635.2	552	132.6	36.1	983	7.34	62.9	.7	7.2	1.9	53.0	3.88	7.51	.26	119	.51	.132	9.7	95.7	1.32	112.1	.082	2	1.90	.013	.13	.3	.40	127	4.0	.11	5.5	<.01
78885	15.90	207.33	11.83	685.9	621	119.7	28.0	713	6.12	42.8	.7	6.7	2.0	50.3	4.70	9.91	.22	63	.46	.118	7.9	64.5	.75	104.6	.045	1	1.32	.011	.13	<.2	.74	105	4.5	.09	3.3	.02
78886	5.44	222.44	11.34	310.7	125	61.6	34.7	1351	6.20	21.7	.5	2.2	1.8	54.3	1.63	2.07	.16	206	.84	.168	6.9	63.4	2.26	187.5	.143	1	2.79	.016	.87	.2	.44	47	1.1	.07	10.4	.02
STANDARD DS2	14.08	132.43	33.00	174.9	250	39.1	14.7	856	3.36	67.5	22.0	219.9	3.7	32.6	11.70	10.57	11.21	86	.58	.087	13.8	181.8	.65	153.3	.119	3	1.89	.038	.16	7.8	2.05	262	2.7	1.90	6.5	.03

GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT FOX File # 9903998

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
E 73308	2.03	108.63	5.66	80.2	239	29.2	19.1	465	3.46	8.5	.5	7.7	1.3	117.7	.62	2.10	.22	33	1.58	.162	5.0	18.2	.88	195.1	.175	5	1.13	.030	.36	.8	.42	26	7.7	.15	2.5	1.77
E 73312	6.87	155.19	5.42	148.8	241	34.0	29.1	879	5.31	7.7	.5	4.4	.7	80.5	1.08	.67	.39	198	.88	.152	4.3	61.4	2.26	71.6	.230	2	2.51	.053	.69	1.0	.49	15	5.3	.20	7.8	.73
E 73314	1.53	192.77	18.11	63.4	286	122.9	35.9	286	3.86	1.9	.2	1.2	.4	90.6	.24	1.27	.21	81	1.03	.149	1.5	185.5	.92	99.0	.168	<1	1.18	.110	.59	1.7	.22	30	3.8	.53	3.0	1.38
E 73316	56.08	401.14	18.83	18.4	296	31.5	53.6	150	7.15	5.0	.1	11.2	.6	57.3	.09	5.72	.43	86	.57	.154	3.7	20.3	.40	60.1	.214	3	.84	.029	.42	2.4	.11	25	4.8	.48	3.0	4.66
E 73317	3.44	101.70	3.75	204.6	255	49.2	23.4	629	4.99	18.7	.3	.6	.8	233.8	2.26	.83	1.36	285	2.06	.125	6.2	132.7	1.84	88.6	.272	<1	3.20	.352	1.45	1.6	1.46	18	6.5	.47	11.5	2.00
E 73318	10.70	240.15	6.89	54.3	363	57.5	20.9	364	5.21	1.0	.8	6.6	1.1	186.5	.23	.86	6.72	303	1.88	.128	7.1	131.2	2.09	137.0	.278	1	3.44	.374	.78	3.0	.91	19	4.5	.32	11.6	2.01
E 73326	6.83	124.56	9.26	147.7	487	28.6	20.9	617	5.58	1.5	.8	3.3	2.2	78.1	1.02	3.47	.66	144	.76	.130	7.3	59.7	1.27	75.9	.216	1	1.45	.141	.92	1.5	.87	10	14.1	.37	7.9	3.21
E 73327	10.03	177.99	3.93	89.9	295	71.8	22.6	365	4.75	23.3	1.0	7.2	1.1	143.3	.68	.85	5.15	403	1.70	.117	6.1	192.4	1.64	151.3	.239	<1	2.27	.270	1.19	4.3	1.61	<5	10.7	.23	9.0	2.11
RE E 73327	9.30	168.60	3.67	86.2	276	68.1	21.2	366	4.51	22.5	.9	4.4	1.0	129.8	.67	.81	5.07	383	1.58	.111	5.0	184.2	1.55	142.3	.213	1	2.11	.239	1.13	3.7	1.54	6	10.2	.20	8.4	2.00
E 73328	6.99	85.58	11.33	42.8	239	6.4	6.2	510	2.26	56.0	.4	2.6	1.4	77.1	.39	2.04	.43	59	.75	.123	4.4	11.2	.79	129.4	.196	2	1.09	.019	.32	1.4	.27	40	5.8	.21	2.8	.77
E 73329	9.63	371.06	9.85	19.5	232	33.7	57.6	120	7.03	4.9	.1	17.6	.7	64.9	.13	6.14	.49	49	.66	.190	3.5	13.8	.32	68.0	.199	4	.85	.012	.52	1.4	.16	18	4.7	.33	2.7	5.27
STANDARD D	13.47	125.06	29.61	157.5	264	35.7	12.3	796	3.06	60.3	19.8	189.5	3.3	27.7	11.27	10.59	11.18	77	.52	.077	16.8	165.5	.58	137.3	.115	1	1.66	.030	.15	7.2	1.94	243	2.3	1.79	5.7	.03

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 18 1999 DATE REPORT MAILED: *Oct 25/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT FOX File # 9903999

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
E 73309	5.06	210.71	9.76	344.1	96	83.7	32.4	774	5.22	36.4	.7	7.3	1.8	43.7	1.37	2.84	.35	138	.44	.114	10.0	76.4	1.58	114.3	.157	2	2.59	.010	.14	.6	.28	31	2.2	.07	6.6	.01
E 73310	3.22	64.04	8.91	626.4	829	41.8	20.4	1239	2.87	13.2	.5	3.0	1.2	30.6	5.69	1.64	.29	55	.25	.113	6.9	28.3	.43	193.3	.062	2	1.70	.008	.09	.3	.23	50	1.2	.05	5.4	.03
E 73311	20.09	253.14	12.55	629.8	172	100.7	19.8	565	6.63	45.2	1.2	5.8	2.3	42.3	2.76	8.66	.38	81	.37	.131	20.6	57.9	.87	132.7	.038	1	1.46	.005	.12	.4	.35	85	3.4	.13	3.6	.01
E 73313	1.69	79.96	6.05	217.6	125	99.6	31.3	4594	5.12	155.7	.3	8.6	.7	89.6	1.41	2.03	.53	154	.99	.108	3.6	237.3	2.42	165.2	.154	1	2.56	.013	.27	.3	.26	25	2.7	.09	7.5	.11
E 73315	3.09	92.21	6.95	176.2	164	69.8	26.6	847	4.69	27.3	.6	5.4	1.4	85.2	1.24	2.13	.41	179	.78	.114	7.6	192.2	2.72	130.5	.208	<1	2.93	.031	.30	.4	.60	27	1.3	.04	8.9	<.01
E 73319	9.79	198.69	13.32	564.7	484	104.8	22.0	460	6.62	23.0	.6	3.5	1.9	257.1	3.06	6.83	1.03	98	.62	.095	9.3	60.8	1.13	87.0	.117	<1	2.44	.011	.21	.5	.63	27	4.9	.19	5.4	.02
E 73320	2.59	82.99	9.71	515.5	470	164.7	43.4	972	4.78	50.1	.7	2.7	1.5	75.6	3.16	2.11	.54	153	.59	.157	7.4	284.4	2.00	172.2	.190	<1	4.35	.046	.18	.4	.44	65	1.0	.07	10.7	.04
E 73321	1.34	83.22	8.67	189.8	432	137.8	32.8	803	4.45	87.7	.4	7.3	1.5	62.3	1.77	3.87	1.06	158	.49	.154	7.1	186.8	2.26	233.4	.186	1	3.63	.023	.22	<.2	.43	34	1.2	.19	9.5	.02
E 73322	3.34	132.24	10.26	372.0	387	86.6	29.9	649	4.98	28.3	.5	3.8	1.9	78.7	2.48	2.28	.62	182	.44	.120	7.5	90.7	1.90	114.5	.217	1	4.11	.038	.21	.4	.54	37	2.2	.07	9.8	.01
RE E 73322	3.44	132.71	10.10	375.4	388	87.0	30.2	649	4.98	28.3	.5	3.5	2.0	79.3	2.57	2.22	.62	183	.44	.119	7.5	86.9	1.91	114.8	.220	1	4.13	.038	.21	.4	.53	34	2.2	.08	9.7	.01
E 73323	9.55	164.99	6.74	423.6	665	216.0	64.5	1930	7.25	37.0	.8	6.9	1.3	37.7	3.88	5.69	1.55	101	.24	.245	7.0	90.6	1.36	166.3	.046	1	3.63	.004	.07	.3	.73	67	4.0	.07	5.5	.02
E 73324	1.85	139.48	8.21	183.6	132	50.6	47.8	1018	6.63	32.0	.4	4.0	1.0	90.6	.85	.89	1.31	217	.38	.106	3.0	75.6	2.24	170.7	.248	2	4.29	.012	.53	.5	.24	28	.7	.05	10.6	.01
E 73325	1.72	164.55	7.38	106.0	141	39.4	40.2	735	6.60	16.8	.3	2.2	1.3	208.1	.13	1.08	.68	218	.34	.094	4.0	65.4	2.46	194.9	.288	1	4.30	.009	.49	.5	.19	24	.5	.06	11.2	<.01
STANDARD DS2	13.67	126.60	29.61	160.9	265	35.5	12.9	802	3.10	61.5	20.8	196.4	3.3	28.3	11.11	10.70	11.47	79	.52	.082	16.6	162.8	.59	139.7	.117	2	1.71	.030	.16	7.9	1.81	242	2.6	1.77	5.8	.03

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.  
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 18 1999 DATE REPORT MAILED: *Oct 25/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT FOX File # 9904188

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%	
E 73334-A	7.62	144.89	10.51	502.8	392	119.3	32.3	591	6.04	45.9	.6	3.2	1.6	22.8	2.25	4.39	.34	145	.25	.152	6.3	106.8	1.54	207.1	.108	2	3.12	.005	.12	.4	.32	45	3.2	.05	6.9	<.01
E 73334-B	7.34	90.13	9.87	327.4	509	115.8	28.3	354	5.20	32.9	1.3	2.7	1.1	112.3	2.84	2.85	.31	140	1.42	.070	14.5	94.7	1.09	212.3	.061	3	3.82	.010	.05	.4	.29	83	3.1	.07	8.0	.04
E 73334-C	5.04	37.56	8.04	337.6	226	43.7	13.5	307	4.34	23.8	.4	2.0	1.1	27.1	1.49	2.08	.37	160	.28	.110	5.2	78.8	.78	135.7	.133	3	2.33	.009	.09	.4	.26	36	1.3	.05	8.5	<.01
E 73335-A	4.83	172.80	9.62	264.2	157	55.3	25.7	897	5.41	23.0	.8	7.9	2.2	67.4	1.15	2.44	.28	171	.70	.108	13.6	60.2	1.78	124.4	.210	1	2.59	.012	.49	.3	.51	27	1.6	.07	8.6	<.01
E 73335-B	7.66	169.53	9.83	352.8	134	67.8	23.3	622	4.64	30.1	.7	5.1	2.0	35.1	2.16	3.76	.28	118	.40	.091	7.5	53.2	1.27	109.1	.168	1	2.02	.006	.26	.3	.28	23	2.5	.07	5.5	<.01
E 73335-C	4.47	159.11	8.37	373.4	207	57.9	23.7	770	4.76	21.8	.6	3.5	1.8	41.7	1.84	2.06	.34	139	.42	.106	7.7	48.5	1.43	158.1	.176	1	2.39	.012	.29	.4	.33	15	1.8	.07	7.2	<.01
E 73336-A	1.47	65.63	9.72	175.3	248	49.6	26.1	644	3.48	14.4	.4	.9	1.2	29.7	.82	.94	.67	97	.28	.105	5.4	57.9	.79	132.2	.114	1	2.92	.009	.06	<.2	.24	64	.5	.14	8.4	.01
E 73336-B	3.16	44.65	11.24	514.8	508	56.2	27.5	949	4.40	17.5	.4	1.1	1.1	30.8	5.29	1.54	.40	128	.23	.206	5.4	89.7	1.04	221.4	.146	1	2.71	.009	.12	.3	.25	52	1.1	.08	10.6	<.01
E 73336-C	3.27	72.15	9.33	692.4	546	86.3	29.2	775	4.68	34.8	.7	3.9	2.0	30.2	6.43	2.00	.38	119	.29	.251	7.6	87.3	1.09	251.1	.141	3	3.90	.009	.11	.4	.30	71	1.3	.05	9.2	<.01
E 73336-D	2.44	69.06	10.42	334.8	274	54.9	26.5	559	4.57	33.9	.5	2.7	1.7	18.6	2.38	1.47	1.01	120	.17	.194	5.0	61.2	.80	138.4	.138	1	3.57	.010	.09	<.2	.29	41	.8	.19	10.5	<.01
E 73336-E	4.87	58.33	9.44	542.0	825	95.8	27.2	1270	4.49	21.8	.4	2.1	.8	54.4	5.55	2.41	.29	116	.41	.318	4.8	92.0	.96	401.2	.052	1	2.62	.008	.09	.2	.33	31	1.7	.05	7.4	<.01
E 73336-F	4.88	83.43	10.30	313.4	617	63.5	22.5	394	4.46	28.1	.7	2.9	1.2	31.5	2.06	1.92	.35	121	.29	.079	5.5	92.8	1.06	154.6	.155	2	3.23	.010	.07	.3	.24	80	1.5	.07	9.8	.02
RE E 73336-G	2.66	121.01	10.07	172.7	280	60.6	27.6	535	6.30	34.2	.4	3.6	.9	32.9	.56	2.35	.29	197	.31	.130	4.6	109.0	1.67	102.1	.179	8	3.15	.006	.07	1.3	.18	31	.6	.06	10.9	<.01
E 73336-G	2.89	126.00	10.89	179.3	292	61.5	28.3	550	6.48	37.3	.4	2.2	1.0	34.9	.60	2.49	.29	204	.32	.135	5.1	112.8	1.72	107.0	.191	9	3.40	.006	.08	1.5	.19	42	.7	.06	12.0	.01
E 73336-H	1.47	27.96	9.29	114.1	120	22.3	11.4	401	3.21	23.1	.3	1.7	.8	20.1	.77	1.06	.27	104	.18	.121	3.6	42.0	.53	65.2	.151	2	1.33	.008	.05	.4	.08	18	.3	.02	8.3	<.01
E 73336-I	1.55	52.55	10.53	133.2	236	26.7	18.5	391	3.59	24.9	.4	4.1	1.3	22.6	.63	1.06	.27	115	.19	.126	4.0	52.1	.61	69.9	.189	2	2.23	.010	.06	.6	.10	35	.3	.05	9.2	.01
E 73336-J	1.67	37.60	9.53	167.5	417	31.4	21.3	369	4.52	27.3	.5	1.6	1.6	18.6	.90	.91	.31	107	.15	.319	4.3	60.9	.52	87.5	.179	3	3.80	.011	.05	.7	.11	77	.6	.05	11.8	.02
E 73336-K	4.14	91.17	12.80	268.6	713	76.3	28.5	555	5.82	42.2	.6	2.2	1.5	37.0	1.11	2.56	.49	189	.34	.081	6.3	141.5	1.76	143.1	.226	2	3.57	.008	.08	.7	.18	82	1.5	.06	10.8	.03
STANDARD DS2	14.27	129.17	30.77	163.6	253	37.8	12.8	829	3.18	62.6	20.0	202.1	3.6	29.7	11.70	10.53	11.06	79	.55	.089	17.0	170.7	.60	143.9	.117	2	1.78	.030	.16	7.4	1.83	254	2.4	1.87	6.1	.02

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.  
 UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
 - SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 28 1999 DATE REPORT MAILED: Nov 5/99 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Appendix III

**ROCK SAMPLE LOCATIONS**

SAMPLE#	GPS		NORTH	EAST	LOCATION
	FILENAME	ZONE			
B 51938	Z080819C	10	5714011	688709	RHYOLITE, FOLDED, FLOW-BANDED?, MINOR FE OXIDES elev 1299m
B 51939	Z080821A	10	5715245	688574	Black argillite strike 340 elev 1374m
B 51941		10	5714958	688640	ARGILLITE AT FP BBB5, 5% PY
B 51944		10	5713478	689248	ARGILLITE ON ROAD JUST W OF 78868
B 51945		10	5713483	689221	ARGILLITE 25M W OF 51944
B 51947		10	5709905	690500	QTZ FLOAT BETWEEN 51947C & D SOME PY
B 51948	Z080918B	10	5709938	690715	Arg 5% Py E side cr Str 345 Dip V Z080918B is about 10m N of B 51948 elev 926m
E 73304	Z080922A	10	5711100	690197	CALC SEDS NEAR TILL 139125 DISSEM PY CRUDELY BANDED elev 1112m
E 73305		10	5717861	688048	BLACK SEDS+PY BANDS @ END OF MOST N ROAD PHASER L.
E 73306	R102320A	10	5714612	688857	South of IP BBB5, 6 Black argillite
E 73307		10	5714580	688875	South of IP BBB5, 6 Rhyolite?
E 73308		10	5713485	689224	Silicified Argillite near B 51945 just West of disseminate Po and Po on fractures
E 73312		10	5717593	688807	50m E of Phaser Cr - S side of road - silic seds+ py+calcite on fractures Str 330 dip 70W
E 73314		10	5717737	688747	Sediments + Po just below Phaser Creek road and near Phaser Creek
E 73316	R102421B	10	5716826	688386	Altered silic boulder with minor Cpy? Bornite? near N end of Phaser L. on N side of road
E 73317		10	5717918	688099	"Banded" pyrite in sediments at North of Phaser Lake and at end of most North road
E 73318		10	5717846	688031	Cherty hornfelsed? O/C at end of most Northerly road North of Phaser Lake
E 73326		10	5717919	688101	Banded sediment O/C at contact with volcanics and about 20 meters West of E 78883B
E 73327		10	5717908	688093	Chert O/C about 12 meters Southwest of E 73326
E 73328	Z070120E	10	5713494	689183	Argillite O/C in road cut just North of CJ ground same location as E 78861
E 73329	R102421B	10	5716826	688386	Altered silic boulder on edge of road just N of Phaser L. - minor Py + Cpy? + Bornite?
E 73330	R102319C	10	5714342	688936	Seds + Po about 25 meters South of R102319A
E 73331	R102321A	10	5714852	688684	Silicified black fine-grained sediments with Py
E 73332	R100923A	10	5715254	688583	Limonitic material from small hand trench
E 73333	R102316A	10	5713465	689276	Gneissic intrusive? boulder at mag high on main road at CJ bdy.
E 78802		10	5706282	691551	Same location as E 78801 - float rhyolite + mariposite?
E 78803		10	5706282	691551	Same location as E 78801 & E 78802 - float silicified rx + dissem py
E 78804		10	5706282	691551	Same location as E 78801-03 - outcrop black cherty rx
E 78813	R051301A,B	10	5707725	690536	Float with heavy py = minor Cpy?
E 78814	R051317A	10	5705645	692112	silic volcanics + hornblende? + augite phenos + 5 to 10% py
E 78822	R051321A	10	5707880	690485	About 100 meters up skid trail sulphide boulder
E 78823		10	5706275	691545	North end of "Chert breccia" O/C - this is grey-green volcanic O/C
E 78833		10	5710530	690223	"Oxide Zone" decomposed resembles red dirt - about 75 meters South of till E 78829
E 78834	R080119A	10	5710530	690223	Decomposed clay altered rock + qtz near E78833
E 78835	R080119C	10	5710605	690226	
E 78836	R080121A	10	5710530	690223	OXIDE ZONE Silic rx with qtz + Py
E 78837	R080122A	10	5710535	690225	TALC SERICITE SCHIST + QTZ CALCITE STRINGERS
E 78838	R080200B	10	5711041	690185	ARG? SHALE? STR 180 DIP VERT
E 78839	R080121A	10	5710530	690223	OXIDE ZONE Hemlo style silic volcanics
E 78840		10	5709515	690817	120m E of IP FOX11/12 on E side Cr. Rhyolite with qtz eyes
E 78851		10	5710530	690223	OXIDE ZONE QTZ+CALCITE VEINS
E 78852	R080119C	10	5710605	690226	SAME PLACE AS 78835 about 5 meters West of R080119C - appears to be bedrock
E 78853	R080121A	10	5710530	690223	SAME PLACE AS 78836 OXIDE SHOW QTZ, PY
E 78854	R080122A	10	5710535	690225	SAME PLACE AS 78837 Rusty weathering talc sericite schist with qtz-calcite stringers
E 78855	R080200B	10	5711041	690185	SAME PLACE AS 78838 SHALE? ARGILLITE? Strike 180 Dip V
E 78856		10	5710530	690223	SAME PLACE AS 78839 SILIC VOLC+PY Oxide showing
E 78860		10	5709325	689582	Between switchbacks about 100m W of 139101 -float - bleached pyritized rock
139109		10	5710420	690220	Near culvert at dead tree near South bdy of CJ claim about 100m S of Oxide Zone
139112		10	5715120	688835	Argillite North of CJ ground on road to hand trench
139113		10	5710220	690230	Sediments in road cut about 200m S of dead tree or about 300m S of Oxide Zone
139115		10	4709450	690855	Cherty black sediments with disseminated Py - float in Demers Creek
139116		10	5709450	690855	Below rhyolite - sediments with calcite veining about 25 meters SE of E78840



Appendix IV

**TILL SAMPLE LOCATIONS**

GPS		ZONE	NORTH	EAST	LOCATION
SAMPLE#	FILENAME				
B 51942		10	5713497	689323	50M E OF 78868
B 51943		10	5713493	689196	50M W OF 78868
D 63329		10	5707901	690864	Along main Nehalliston Creek Road
D 63330		10	5707806	690857	Along main Nehalliston Creek Road
D 63331		10	5707736	690786	Along main Nehalliston Creek Road
D 63332		10	5707704	690660	Along main Nehalliston Creek Road
D 63333		10	5707623	690604	Along main Nehalliston Creek Road
D 63334		10	5707662	690635	Along main Nehalliston Creek Road
D 63335		10	5708059	690537	Along main Nehalliston Creek Road
D 63336		10	5708010	690544	Along main Nehalliston Creek Road
D 63337		10	5707947	690519	Along main Nehalliston Creek Road
D 63338		10	5707824	690481	Along main Nehalliston Creek Road
D 63339		10	5707799	690410	Along main Nehalliston Creek Road
D 63340		10	5707848	690340	Along main Nehalliston Creek Road
D 63341		10	5708495	690291	Along main Nehalliston Creek Road
D 63342		10	5708453	690168	Along main Nehalliston Creek Road
E 73309	R100923A	10	5715254	688583	At mag high 58500 where we tried hand trench. Ferrocete in sample hole elev 1368m
E 73310		10	5713480	689258	About 10 meters East of till B 51944
E 73311		10	5713481	689268	About 20 meters East of E 73310
E 73315	R102421C	10	5716747	688173	At fragmental boulder on Phaser Lake road
E 73319	R101021A	10	5717853	688004	About 50 meters West of end of most Northerly road North of Phaser Lake
E 78801		10	5706282	691551	About 10 meters North of "Chert breccia", O/C on West side of road
E 78805	R051223A	10	5706600	691382	About 200 meters North of E 78804
E 78806	R051223B	10	5706750	691275	About 200 meters North of E 78805
E 78807	R051223C	10	5706836	691189	About 300 meters North of E 78806
E 78808	R051223D	10	5707017	691092	About 300 meters North of E 78807
E 78810	R051300A	10	5707351	690912	Same location as Gov't sample
E 78811	R051300B	10	5707534	690782	Loose basal till
E 78812	R051300C	10	5707734	690539	Loose basal till
E 78817	R051318E	10	5707461	691509	Just North of barn on Demers road - good basal till
E 78818	R051319A	10	5706840	691919	Just South of small lake along road to Demers Lake
E 78821	R051320B	10	5707967	690872	Just North of IP Crazy 1 - good basal till - same lcn as 63307
E 78828		10	5709589	689824	75 Meters East of new road junction
E 78829	R070802A	10	5710552	690224	Near IP FOX 9, 10 and about 10m South of "Oxide Zone"
E 78830	R070802B	10	5710346	690242	250 meters South of "Oxide Zone" along road
E 78831	R070803B	10	5709937	690190	Approx 600 meters South of "Oxide Zone"
E 78832	R070803C	10	5709672	690039	Just East of logging on new road
E 78862		10	5711110	690260	NEAR 10
E 78863		10	5711130	690349	NEAR 11
E 78864		10	5711128	690427	NEAR 12
E 78866		10	5714159	689616	Near road junction on road NE of CJ ground
E 78867		10	5713850	689520	Road North of CJ ground
E 78868		10	5713489	689275	Road North of CJ ground
E 78869	Z070120F	10	5713597	688902	Road North of CJ ground
E 78870	Z070121A	10	5713389	688527	Road North of CJ ground
E 78871	Z070121B	10	5713171	687882	Road North of CJ ground
E 78882A		10	5716797	687915	MOST W POINT ON RD W OF PHASER L
E 78882B		10	5716816	688083	About 200 meters East of E 78882A
E 78882C		10	5716839	688324	About 200 meters East of E 78882B
E 78882D		10	5716995	688480	About 300 meters East of E 78882C on West side of Creek
E 78882E	Z081020C	10	5716917	688706	About 300 meters East of E 78882D on East side of Creek elev 1349m
E 78883A	Z081020A	10	5717872	688053	N OF PHASER L AT END OF RD elev 1291m
E 78883B	Z081020B	10	5717921	688120	50M N OF 78883A AT CONTACT elev 1288m
E 78884	Z081020E	10	5713551	689394	100M E OF 78868 elev 1285m
E 78885	Z081020F	10	5713664	689390	200M E OF 78868 elev 1276m
E 78886	Z081021A	10	5713534	689074	100M W OF 78868 elev 1289m
139101		10	5709300	689680	On main road between switchbacks
139102		10	5709475	689303	On main road between switchbacks
139103		10	5708523	690045	On main road about 200m below creek 90392
139118		10	5708545	690490	NE of D63342
139119		10	5708718	690395	NE of D63342
139120		10	5708627	690190	NE of D63342
139121		10	5709920	689450	North of switchbacks
139122		10	5709920	689175	North of switchbacks
139123		10	5709920	688890	North of switchbacks
139124		10	5711162	690110	Corner at most North portion of new road
139125	Z063023A	10	5711103	690212	Near sample E 73304
139126		10	5710920	690165	About 400 meters North of oxide zone

GPS					
SAMPLE#	FILENAME	ZONE	NORTH	EAST	LOCATION
139127	Z063023B	10	5710795	690193	About 250 meters North of oxide zone
KEG340W		10	5709700	689430	North of switchbacks
KEG900W		10	5709700	688900	North of switchbacks

**SOIL SAMPLE LOCATIONS**

SAMPLE#	GPS FILENAME	ZONE	NORTH	EAST	LOCATION
10		10	5711113	690287	About 75 meters East of #139125
11		10	5711125	690350	About 150 meters East of #139125
12	Z070100A	10	5711139	690427	About 250 meters East of #139125
102		10	5714123	688840	About 150 meters at bearing of 70 degrees from 103
103	Z070120A	10	5714075	689709	Z070120A is N5714075 E688989 and is 10 meters West of #103
B 51940		10	5714958	689140	NEAR IP BBB5, 6
B 51940A		10	5714958	688860	250M W OF 51940
B 51940B		10	5714958	688840	AT FP BBB5, 6
B 51940C		10	5714958	688390	250 meters West of FP BBB5, 6 = 250 meters West of IP BBB7, 8
B 51940D		10	5714958	688140	At FP BBB7, 8
B 51946A	Z080917A	10	5709888	690298	About 100 meters East of 78831 elev 1102m
B 51946B		10	5709885	690387	About 200 meters East of 78831
B 51946C		10	5709902	690460	About 300 meters east of 78831
B 51946D	Z080918A	10	5709910	690547	About 400 meters East of 78831 elev 968m
B 51946E		10	5709914	690649	About 500 meters East of 78831 and about 50 meters West of Creek
B 51946F		10	5709917	690750	About 600meters East of 78831
B 51949		10	5709506	690850	35M E OF RHYOLITE NEAR E78841
B 51949A		10	5709503	690825	10M E OF RHYOLITE NEAR E78841
B 51949B		10	5709503	690725	100M W OF B 51949A
B 51949C		10	5709508	690825	200M W OF B 51949A
B 51949D		10	5709516	690525	300M W OF B 51949A
B 51949E		10	5709516	690425	400M W OF B 51949A
B 51949F		10	5709518	690325	500m W of B 51949A (agglomerate with arg clasts in grey-green O/C) about 50m N of B 51949F
B 51850		10	5711205	690212	100M N OF 139125
E 73320	R101021B	10	5717851	687923	About 100 meters West of E 73319 on edge of low lying area elev 1278m
E 73321	R101021C	10	5717830	687862	About 250 meters West of E 73319 elev 1268m
E 73322	R101022A	10	5717736	688020	About 200 meters South of E 73319 massive phlogopite? in hole elev 1298m
E 73323	R101022B	10	5717735	688079	About 200 meters @ 150 degrees from E 73319 black argillite in hole elev 1330m
E 73324	R101022C	10	5717708	688154	About 100 meters East of E 73323 - volcanics with dissem py in hole elev 1324m
E 73325	R101023A	10	5717749	688195	Volcanics in hole elev 1340
E 73334-A	R102423B	10	5715790	688677	
E 73334-B	R102423C	10	5715696	688789	About 20 meters East of R102423C
E 73334-C	R102500A	10	5715231	688928	
E 73335-A	R102521A	10	5713542	689222	About 50 meters North of main road near North bdy of CJ ground
E 73335-B	R102521B	10	5713547	689244	About 20 meters East of E 73335A
E 73335-C	R102521C	10	5713548	689252	About 10 meters East of E 73335B
E 73336-A	R102523A	10	5715887	688384	About 150 meters W of FP Phaser9 is 20 cm vein with minor Cpy str 60 dip 70W in volcanics
E 73336-B		10	5715887	688430	About 100 meters West of FP Phaser 9 claim
E 73336-C		10	5715887	688485	About 50 meters West of FP Phaser 9 claim
E 73336-D	R102523B	10	5715888	688541	At FP Phaser 9 claim
E 73336-E		10	5715888	688590	About 50 meters East of FP Phaser 9 claim
E 73336-F	R102523C	10	5715891	688620	About 100 meters East of FP Phaser 9 claim
E 73336-G		10	5715891	688670	About 150 meters East of FP Phaser 9 claim
E 73336-H		10	5715893	688717	About 200 meters East of FP Phaser 9 claim
E 73336-I		10	5715895	688762	About 250 meters East of FP Phaser 9 claim
E 73336-J	R102523D	10	5715898	688810	About 300 meters East of FP Phaser 9 claim
E 73336-K		10	5715898	688860	About 350 meters East of FP Phaser 9 claim
E 78842		10	5709477	690804	On FOX 11 claim on West side of Demers Creek near rhyolite/sediment contact near E 78841
80AS106		10	5718090	687120	From previous Assessment Report on Anticlimax Property
80AS107		10	5718115	687250	From previous Assessment Report on Anticlimax Property
80AS108		10	5718150	687570	From previous Assessment Report on Anticlimax Property
80AS109		10	5718175	687670	From previous Assessment Report on Anticlimax Property
80AS110		10	5718170	687700	From previous Assessment Report on Anticlimax Property
80AS111		10	5718185	687790	From previous Assessment Report on Anticlimax Property
80AS112		10	5718170	687920	From previous Assessment Report on Anticlimax Property
80AS113		10	5718170	688040	From previous Assessment Report on Anticlimax Property
80AS114		10	5718650	687390	From previous Assessment Report on Anticlimax Property
80AS115		10	5718650	687500	From previous Assessment Report on Anticlimax Property
80AS116		10	5718650	687810	From previous Assessment Report on Anticlimax Property
80AS117		10	5718650	687710	From previous Assessment Report on Anticlimax Property
80AS118		10	5718650	687810	From previous Assessment Report on Anticlimax Property
80AS119		10	5718650	687920	From previous Assessment Report on Anticlimax Property
80AS120		10	5718650	688050	From previous Assessment Report on Anticlimax Property
80AS121		10	5718650	688130	From previous Assessment Report on Anticlimax Property
80AS122		10	5718650	688230	From previous Assessment Report on Anticlimax Property
80AS123		10	5718740	688320	From previous Assessment Report on Anticlimax Property
80AS125		10	5718730	688610	From previous Assessment Report on Anticlimax Property

Appendix VI

**SILT SAMPLE LOCATIONS**

GPS					
SAMPLE#	FILENAME	ZONE	NORTH	EAST	LOCATION
D 90389	Z070120B	10	5713806	689431	About 400 meters Southerly from road junction where sample E78866
D 90390	Z070120F	10	5713626	688720	About 50m W of jcn of main Nehalliston road and spur road to banded rhyolite
D 90391		10	5709498	689866	About 50m NE of jcn of new road with main Nehalliston Creek road
D 90392		10	5708681	689929	Creek below switchback
D 90393		10	5706295	691340	Nehalliston Creek West of chert breccia
E 73313		10	5717610	688762	Phaser Cr. S of road - arg in this area appears to have thin layers of tuff
E 78815	R051318A	10	5707044	692175	About 3 meters above bridge on powerline road
E 78816	R051318C	10	5706070	691978	Small stream on powerline road
E 78820	R051320A	10	5706517	691259	Nehalliston Creek
E 78841		10	5709502	690815	About 100 meters East of IP FOX 11,12
139110		10	5710486	690575	On FOX 13 claim near North end on Demers Creek

Appendix VII

**PROSPECTOR QUALIFICATIONS**



## PROSPECTOR QUALIFICATIONS

1. I have been actively prospecting continuously since 1977 and have been successful at discovering new mineral prospects and at optioning numerous mineral properties and generating significant economic activity.
2. In 1977 I attended and completed the prospecting course sponsored by the Chamber of Mines of Eastern B.C. and the B.C. Ministry of Mines and instructed by Mr. George Addie, Ministry of Mines District Geologist, Nelson, B.C.
3. In 1978 I attended and completed the prospecting course sponsored by the Chamber of Mines of Eastern B.C. and the B.C. Ministry of Mines and instructed by Mr. George Addie, Ministry of Mines District Geologist, Nelson, B.C.
4. In 1979 I attended and completed the "Advanced Mineral Exploration for Prospectors" course held at Selkirk College and sponsored by the B.C. Ministry of Energy, Mines & Petroleum Resources.
5. In 1991 I attended the "Rock Alteration" course held in Nelson and sponsored by the Ministry of Energy, Mines & Petroleum Resources and the Chamber of Mines of Eastern B.C.
6. In 1996 I attended the "Industrial Minerals" course held in Nelson and sponsored by the Ministry of Employment & Investment and the Chamber of Mines of Eastern B.C.
7. In 1998 I attended the "Gemstone" course held in Nelson and sponsored by the Chamber of Mines of Eastern B.C.
8. I regularly attend both the Cordilleran Roundup and the Kamloops KEG Conference and have attended numerous lectures on topics related to mineral exploration and have attended numerous short courses, the most recent of which was the "Intrusive Hosted Gold Deposits" course held at the 1999 KEG Conference.

## PROSPECTOR QUALIFICATIONS

1. I graduated from high school in 1982.
2. In 1982 I attended the Chamber of Mines of Eastern B.C./ B.C. Ministry of Mines "Basic Prospecting Course".
3. In 1983 I completed the "Advanced Prospector's Course" sponsored by EMPR.
4. In 1992 I attended the "Petrology for Prospectors" course sponsored by EMPR and the Chamber of Mines of Eastern B.C.
5. In 1996 I attended the "Industrial Minerals " course sponsored by the Ministry of Employment & Investment and the Chamber of Mines of Eastern B.C.
6. I have been prospecting and working in the mineral exploration industry since 1982 and have successfully optioned mineral claims to exploration companies.
7. In 1998 I attended the "Gemstone" course held in Nelson and sponsored by the Chamber of Mines of Eastern B.C.
8. I regularly attend both the Cordilleran Roundup and the Kamloops KEG Conference and have attended numerous lectures on topics related to mineral exploration and have attended numerous short courses, the most recent of which was the "Intrusive Hosted Gold Deposits" course held at the 1999 KEG Conference.

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L.Addie

April 2000

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Appendix VIII

**STATEMENT OF COSTS**

**STATEMENT OF COSTS**  
**CRAZY FOX PROJECT**

**WAGES:**

B. Bourdon, prospecting/sampling, 18 days @ \$200/day .....	\$ 3600.00
L. Addie, prospecting/sampling, 18 days @ \$200/day .....	\$ 3600.00

**TRANSPORTATION:**

4 X 4 including fuel, 23 days @ \$75/day .....	\$ 1725.00
ATV including fuel, 5 days @ \$50 .....	\$ 250.00

**FOOD & LODGING:**

36 days @ \$ 57.50/day .....	\$ 2070.00
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**FIELD EQUIPMENT:**

Flagging tape, sample bags, hip chain thread etc. ....	\$ 80.00
GPS rental 14 days @ \$25 .....	\$ 350.00

**LAB ANALYSIS:**

## 35 element ultratrace ICP:

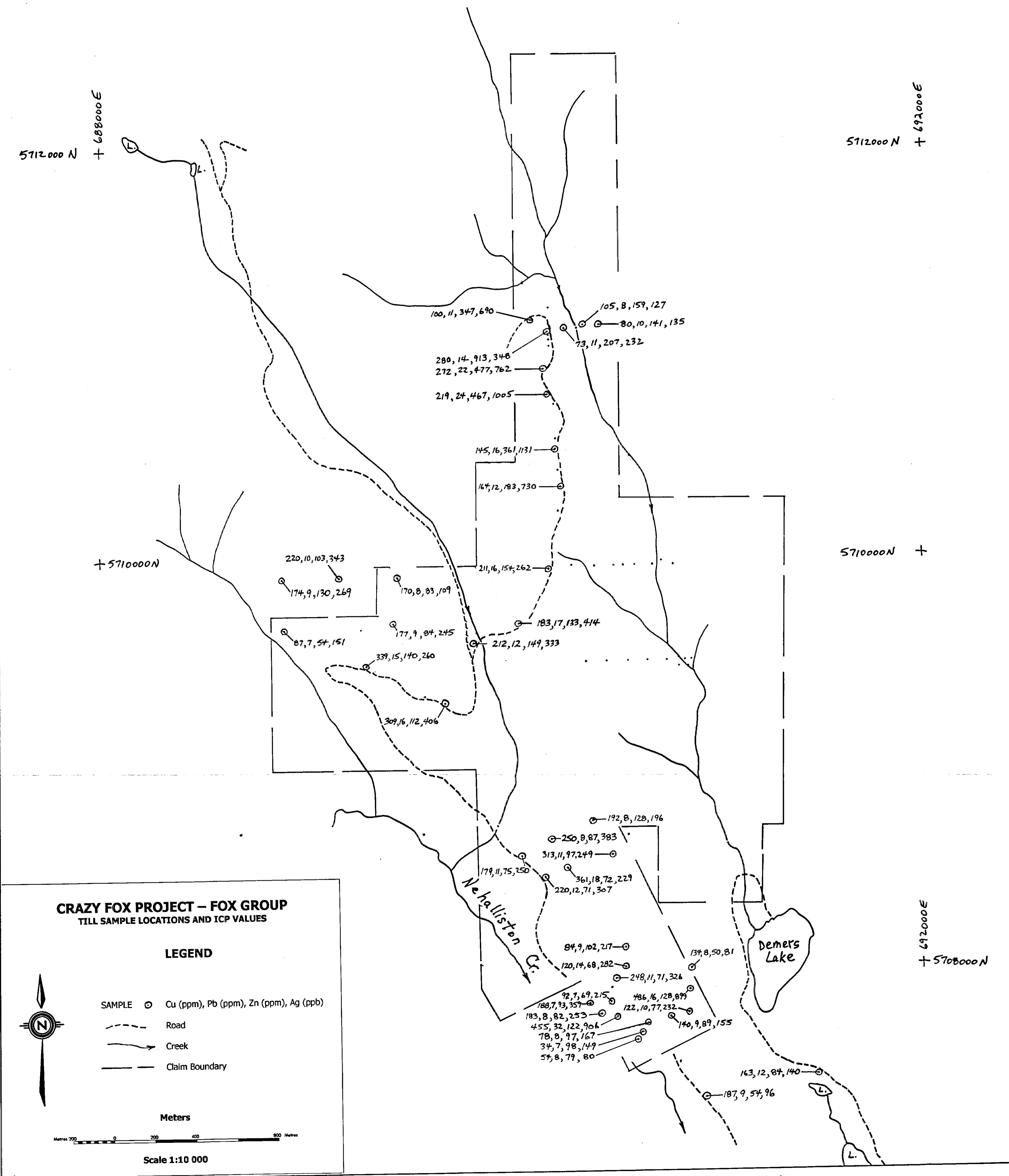
Tills, 29 @ \$ 22.36 .....	\$ 648.44
Soils, 38 @ \$ 19.26 .....	\$ 731.88
Silts, 2 @ \$ 19.26 .....	\$ 38.52
Rocks, 7 @ \$ 17.92 .....	\$ 125.44
Shipping, Greyhound Nelson to Vancouver .....	\$ 77.50

**REPORT:**

Report preparation .....	\$ 800.00
Secretarial .....	\$ 144.00

**TOTAL**      **\$14240.78**





5712000 N + 688000 E

5712000 N + 692000 E

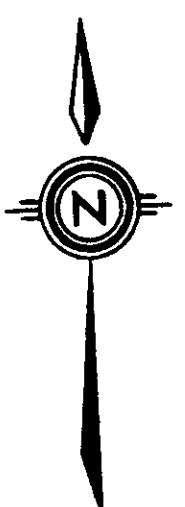
+ 5710000 N

5710000 N +

692000 E + 5708000 N

**CRAZY FOX PROJECT – FOX GROUP**  
SOIL SAMPLE LOCATIONS AND ICP VALUES

**LEGEND**



- SAMPLE ○ Cu (ppm), Pb (ppm), Zn (ppm), Ag (ppb)
- Road
- ~~~ Creek
- Claim Boundary

Meters



Scale 1:10 000

Nehalliston Cr.

Demers Lake

- 121, 10, 128, 158
- 73, 8, 93, 83
- 52, 8, 114, 65
- 37, 7, 166, 81
- 17, 7, 189, 91
- 222, 8, 144, 122
- 61, 8, 268, 182
- 57, 17, 191, 311
- 57, 8, 137, 274
- 60, 23, 150, 147
- 43, 13, 182, 138
- 104, 10, 223, 211
- 98, 10, 91, 180
- 34, 10, 247, 465
- 99, 9, 191, 228
- 106, 9, 210, 146
- 49, 8, 524, 541

5712000 N + 688000 E

5712000 N + 692000 E

+5710000 N

5710000 N +

176, 2, 71, 300

36, 64, 110, 800  
22, 4, 287, 300  
39, 137, 96, 1100  
43, 117, 100, 900

82, 12, 217, 567  
76, 10, 895, 1300

38, 15, 228, 300

192, 28, 220, 276

131, 8, 763, 460

176, 10, 144, 378

58, 138, 11, 1164



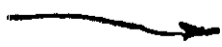

4, 20, 21, 96

133, 6, 79, 350  
63, 7, 144, 214

692000 E  
+5708000 N

**CRAZY FOX PROJECT – FOX GROUP**  
ROCK SAMPLE LOCATIONS AND ICP VALUES

**LEGEND**

- SAMPLE  Cu (ppm), Pb (ppm), Zn (ppm), Ag (ppb)
-  Road
-  Creek
-  Claim Boundary



Meters



Scale 1:10 000

Ne-halliston Cr.

Demers Lake