KINGSTON RESOURCES LTD

NTS: 92I/3W/6W

September 20, 1993

ASSESSMENT REPORT

GEOLOGICAL MAPPING AND GEOCHEMICAL SAMPLING

ON THE

ASHTON PROPERTY

(REBECCA 1-6, SHERYL CLAIMS OWNED BY S.E. APCHKRUM)

(RACHEL 1-4 CLAIMS OWNED BY M. POLIQUIN)

KAMLOOPS MINING DIVISION

LATITUDE: 50^0 15'N LONGITUDE: 121^0 23'W

REPORT BY

S.W. SMITH

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NTS: 92I/3W/6W **September, 1993**

ASSESSMENT REPORT-ASHTON PROPERTY

SUMMARY

The Ashton property is a porphyry copper prospect located 15 km east of Lytton, BC. Field work in 1993, consisting of geochemical soil sampling, mapping and prospecting, outlined a large (1100 by 300 m) anomalous zone of copper in soils that together with data from previous owners and government mapping indicates that the Ashton property not only covers an area with known skarn alteration/mineralization, but also has excellent potential for porphyry style mineralization similar to the world class orebodies found in the Highland Valley area, 40 km to the northeast.

INTRODUCTION

The Ashton property is a porphyry copper prospect located 15 km east of Lytton, BC, on the southeast side of the Thompson River, with good road access from the Trans Canada Highway (Figure 1). The first recorded work in the area of the property was in the late 1960's when geochemical surveys and trenching found copper mineralization. The Rebecca 1 to 6 and Sheryl claims were staked in 1989-90 and Magnetometer and VLF-EM surveys were performed. Kingston optioned the property from Sylvia Apchkrum in April 1992. Morgan Poliquin staked the Rachel 1 to 4 claims in July, 1992. From June 8 to 15, 1993, Kingston's field work consisted of chaining and flagging 11.1 km of grid lines, geochemical sampling, prospecting and mapping on the property. A total of 223 soil and 5 rock samples were collected.

LOCATION AND ACCESS

The claims of the Ashton property are located in the Kamloops Mining Division approximately 15 km east of Lytton, BC, on the southwest side of the Trans Canada Highway. The claims are centred on Latitude 50^0 15'N and Longitude 121^0 23'W (Figure 2). Access to the property from the highway is less than 2 km along the Nicoamen River Forest Service Road, an all weather gravel road, which crosses through the property.

PHYSIOGRAPHY

The property is situated along the southeast side of the Thompson River which at this point turns and flows east to join the Fraser River at Lytton. The majority of the claims are situated on steep northerly and westerly facing slopes where elevations range from 1000' to 3800' above sea level.

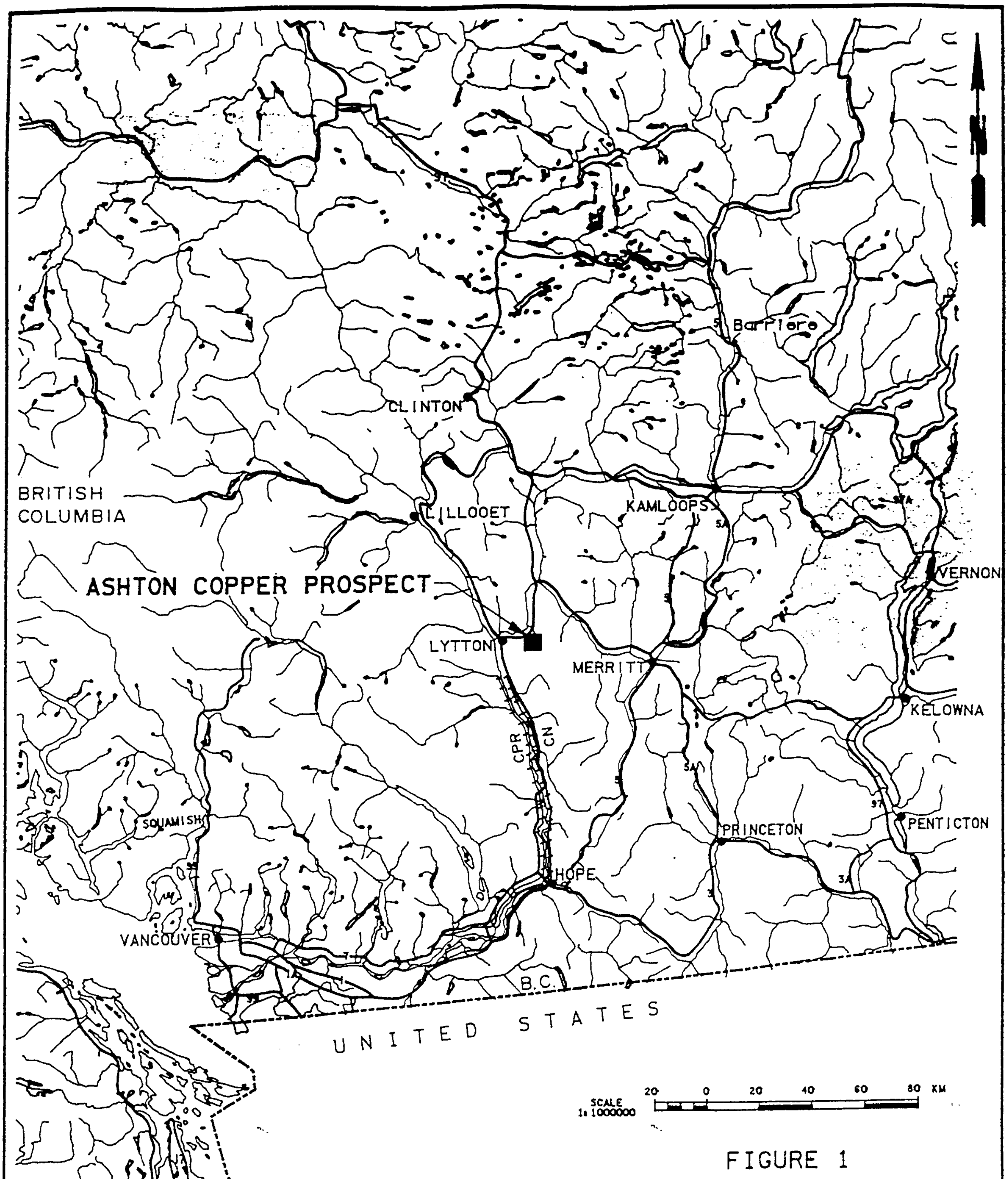
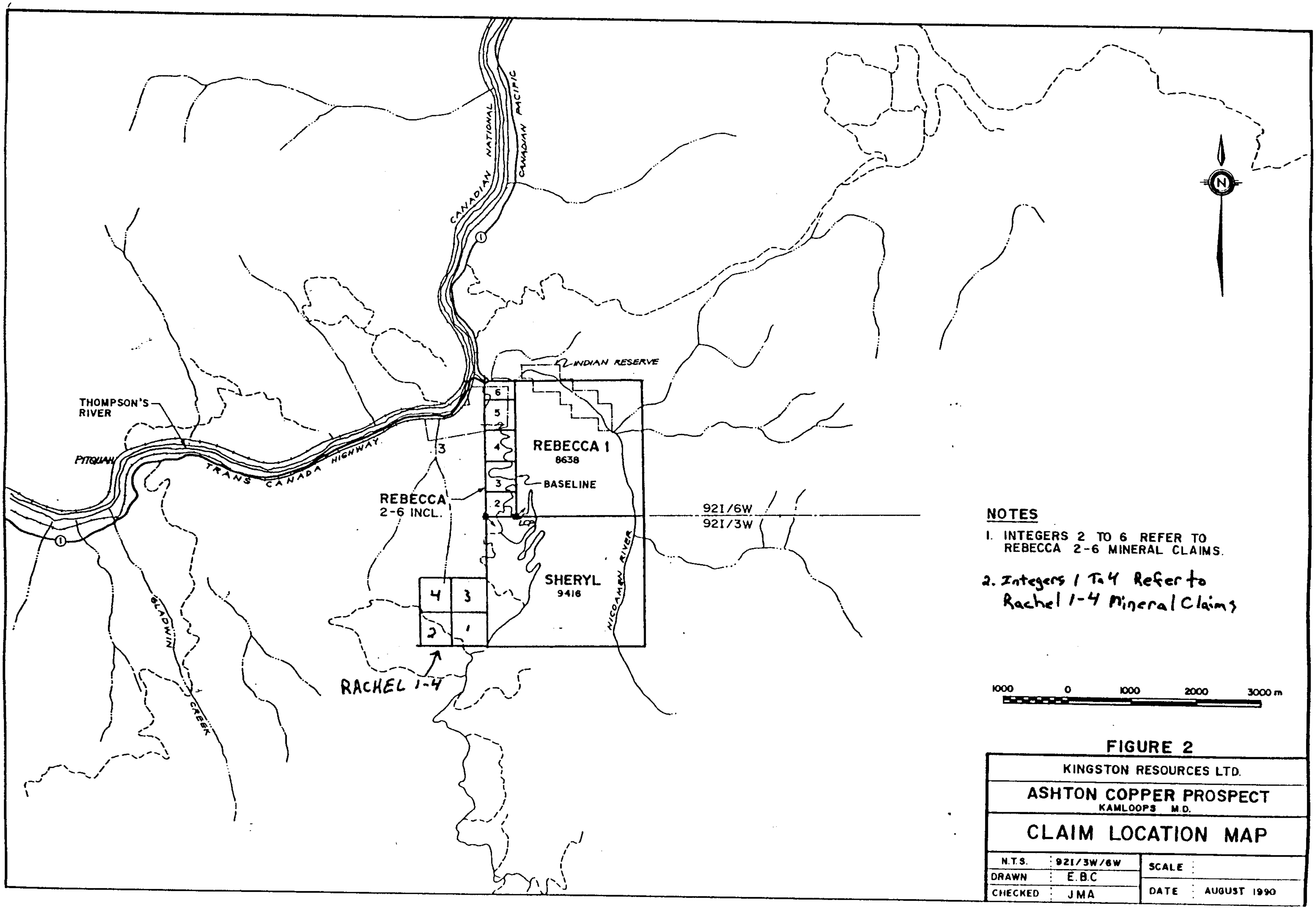


FIGURE 1

KINGSTON RESOURCES LTD.

ASHTON COPPER PROSPECT

GENERAL LOCATION MAP



NOTES

1. INTEGERS 2 TO 6 REFER TO REBECCA 2-6 MINERAL CLAIMS.
2. Integers 1 To 4 Refer to Rachel 1-4 Mineral Claims

FIGURE 2

KINGSTON RESOURCES LTD.

ASHTON COPPER PROSPECT

KAMLOOPS M.D.

CLAIM LOCATION MAP

N.T.S.	92I/3W/6W	SCALE	
DRAWN	E.B.C		
CHECKED	JMA	DATE	AUGUST 1990

Snow and rainfall appear to be quite light with summer weather being very hot and dry. Forest cover varies from thinly covered rocky slopes to thick dense regrowth areas where logging was done in the 1960's. Spruce, pine, balsam and hemlock typical of the somewhat dry, hot climate between Lytton and Ashcroft are present.

PROPERTY AND OWNERSHIP

The property consists of 45 claim units recorded in the Kamloops Mining Division. The Rebecca and Sheryl claims were optioned from Sylvia Apchkrum by Kingston Resources Ltd. in April 1992. The Rachel claims were staked by Morgan Poliquin in July 1992. All qualified work has been submitted for assessment. Current due dates are listed below, these dates are subject to acceptance of all assessment work submitted.

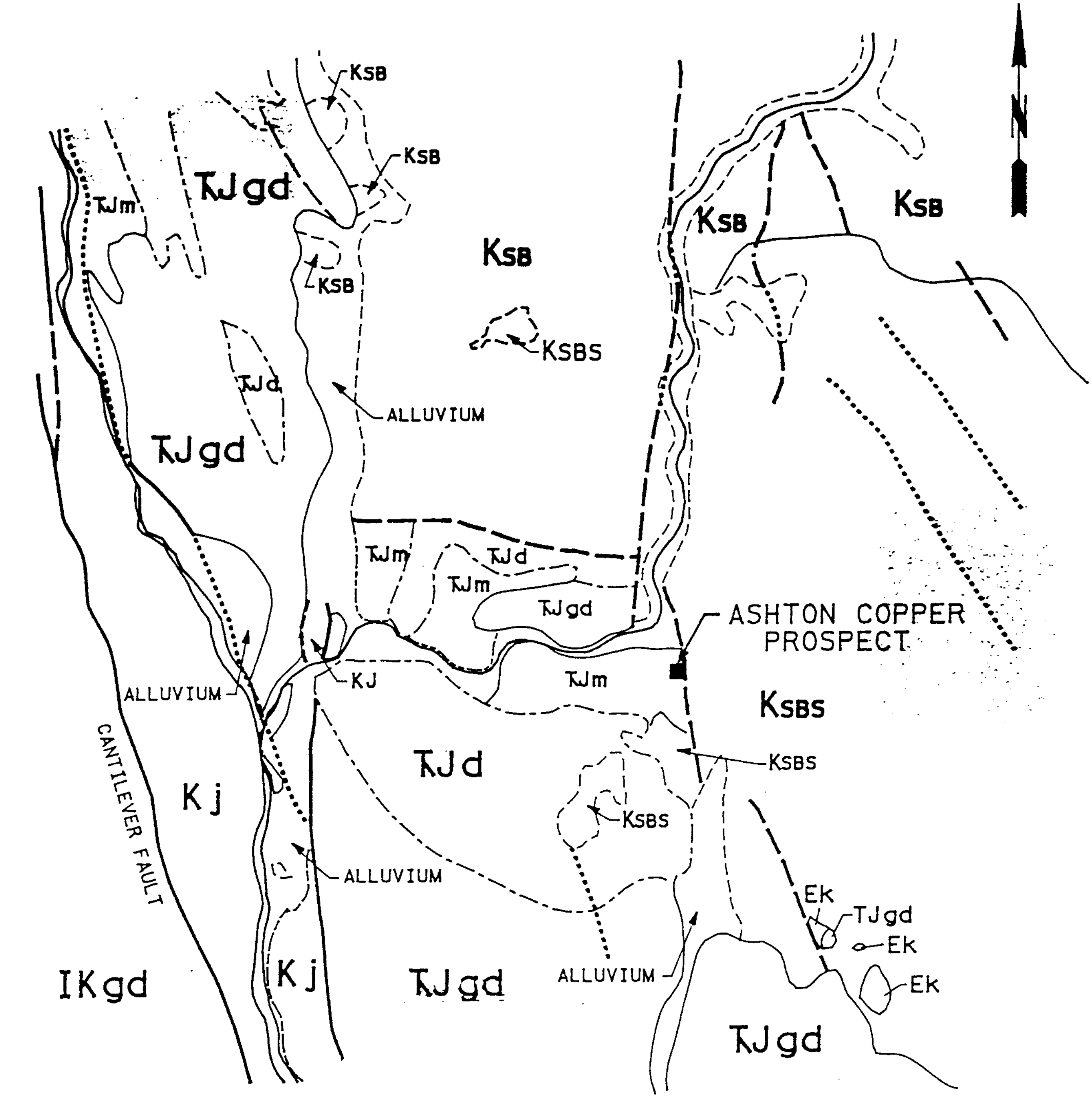
Claim Name	Record Number	No. of Units	Due Dates
Rebecca 1	218569	16	June 21, 1995
Rebecca 2	218570	1	June 20, 1995
Rebecca 3	218571	1	June 20, 1995
Rebecca 4	218572	1	June 20, 1995
Rebecca 5	218573	1	June 20, 1995
Rebecca 6	218574	1	June 20, 1995
Sheryl	219338	20	June 09, 1995
Rachel 1	311562	1	July 17, 1995
Rachel 2	311563	1	July 17, 1995
Rachel 3	311564	1	July 17, 1995
Rachel 4	311565	1	July 17, 1995

HISTORY AND PREVIOUS WORK

The Ashton property covers an area that has seen little work filed for assessment. The property was covered by the Fil and T claims in 1969, when a geochemical soil survey for copper outlined a large zone (700 by 400 m) of anomalous copper (>200 ppm Cu). Follow up trenching of this zone located significant copper mineralization (35' of 0.73% Cu). Details of this work is documented in BC Mines assessment reports by J.W. Antal (#2532) and A.A. Burgoyne (#2533). In 1989-1990 the Rebecca 1 to 6 and Sheryl claims were staked. In 1990 VLF-EM and Magnetometer surveys were carried out on the Rebecca claims, these surveys are detailed by J.M. Ashton in his assessment report dated June 20, 1990.

REGIONAL GEOLOGY

The Ashton property lies in the southwestern part of the Intermontaine Belt. Figure 3 shows the regional geology of the area (Monger, 1989). The property straddles the boundary between the older (Upper Triassic) Mount Lytton Complex on the west and the younger



LEGEND

——— FAULT

- - - / .... INFERRED FAULT

LATE CRETACEOUS

IKgd -GRANODIORITE, QUARTZ MONZONITE

SPENCES BRIDGE GROUP

KsB -FELSIC, MAFIC FLOWS AND SANDSTONE -SHALE
KsBs -MAFIC VOLCANICS -CONGLOMERATE

EARLY AND MIDDLE CRETACEOUS

JACKASS MOUNTAIN GROUP

KJ SANDSTONE, ARGILLITE, CONGLOMERATE

TRIASSIC AND/OR JURASSIC

TJd -DIORITE, AMPHIBOLITE MT. LYTTON COMPLEX
TJgd -GRANODIORITE, QUARTZ MONZONITE MT. LYTTON BATHOLITH
TJm -LAYERED OF ROCK, AMPHIBOLITE, MYLONITE MT. LYTTON BATHOLITH

SCALE 1:200000 — 4 0 4 8 km

FIGURE 3

KINGSTON RESOURCES LTD.

ASHTON COPPER PROSPECT

REGIONAL GEOLOGY

MODIFIED AFTER J. W. H. MONGER GSC MAP 42-1989

(Middle and Upper Cretaceous) aged Spences Bridge Group on the east.

The Mount Lytton Complex has been interpreted by Monger to be part of the roots of the Late Triassic Nicola arc. The complex is fault bounded, on the west by the Fraser River fault system and on the east by normal faults along the Thompson River. The Mount Lytton Pluton that is part of the complex has been age dated at 212 +/- 1 Ma (Parrish and Monger, 1992) which is very close to some dates reported from the central Guichon Batholith, which is located about 40 km to the northeast and contains the world class Highland Valley ore bodies. Parrish and Monger interpret the Mount Lytton and Guichon Creek bodies to be part of the Upper Triassic magmatic arc complex that characterizes Quesnellia terrane, but state that they were probably emplaced at different structural levels, as suggested by their contrasting settings.

The Middle and Upper Cretaceous Spences Bridge Group unconformably overlies and is in fault contact with the older Mount Lytton Complex. In the area of the property the Spences Bridge Group is relatively unaltered and consists of intermediate, locally felsic and mafic flows and pyroclastics along with sandstone, shale and conglomerate.

PROPERTY GEOLOGY

Detailed geological mapping on the property is lacking. During the 1969 work, much of the geology was extrapolated from the amount of copper found in the geochemical survey. This technique appears to have shown the major boundary between the Cretaceous volcanics to the east and the Triassic rocks to the west, but other boundaries of rock types was found to be misleading.

The property geology is shown on Map 1 (1:10,000 Scale). The only outcrop found within the 1993 grid was to the east, where relatively unaltered mafic flows and pyroclastics of the Spences Bridge Group show relatively high relief striking in a north-south direction. Reconnaissance type mapping was then done across the west and south side of the claims, where outcrop was located at higher elevation along the steeper slopes. South of the new grid the majority of outcrop was located in old logging cuts.

On the east half of the property the rocks are typical reddish coloured andesitic flows and pyroclastics, typical of the Spences Bridge Group. The boundary between these volcanics and the older Triassic rocks was not seen, but it is believed that they either; unconformably overlie the older rocks, or are separated from them by steep dipping northerly trending faults that would be associated with the normal faults along the Thompson River to the north.

The rocks mapped in on the west side of the property are believed to be part of the Mount Lytton Complex (Personal Communication, Monger, 1993). These rocks were found to be a series of interbedded limestone and volcanic sediments with intrusive plugs or dykes of fine grained diorite.

The limestone varies from a clean white crystalline variety with a massive appearance to a thinly bedded grey silty variety. The limestone beds were noted to be from .5 to 5 m thick. Interbedded with the limestone was fine to medium grained green volcanic tuff that was much wider in width. The volcanics were commonly limy. Locally these rocks were very strongly altered and fractured, with the strongest alteration seen in the vicinity of the old trenches in the northwestern portion of the Sheryl claims.

The diorite noted on the property was dark grey/black and fine to medium grained with an intrusive appearance. It contained moderate to strongly disseminated magnetite and appeared to be from plugs or dykes associated with the Mount Lytton intrusives. Neither Antal or Burgoyne make reference to the diorite intrusions.

ALTERATION

Alteration on the property is varied, from relatively no alteration of the younger Spences Bridge Group on the east half of the property to locally very strong alteration within the Mount Lytton Complex on the west side. Alteration is strongest in prevalent north-south trending shear zones and at the contact between the diorite and the interbedded volcanics and limestone. Hydrothermal alteration of the volcanics was seen on a wide scale causing bleaching and quartz/carbonate veining within them. Epidote is the most common alteration mineral. Locally the diorite is so strongly altered that only epidote and magnetite can be seen. Secondary chlorite and calcite are also quite prevalent throughout the complex. The propylitic alteration (epidote, chlorite +/- pyrite) identified in the volcanics and diorite points to the property being in a porphyry style system.

In the main trench from 1969, which appears to be strongly sheared, the limestone is completely altered to thin bands of calc-silicate rock showing a strong skarn assemblage of garnet, epidote, calcite and chlorite with magnetite/hematite, pyrite and disseminated chalcopyrite/malachite. Interbedded with this is completely altered volcanics with a strong pyrite and magnetite/hematite content that is very strongly oxidized.

STRUCTURAL GEOLOGY

The general trend of the Spences Bridge Group on the property appears to be north-south and was noted at one outcrop to dip to the west at 50^0, but it is not known if this is constant overall. The interbedded volcanics and limestone were noted to generally strike between 100 and 150^0 and dip 70^0 to the southeast to near vertical. The exception to this is found at the main trench where the dip appears vertical but the strike is north-south (this may be due to the shearing).

MINERALIZATION AND GEOCHEMISTRY

In 1969, Antal states he took samples for 270 feet across the main trench. Results varied from 37 feet of 0.05% to 35 feet of 0.73% copper, this trench although not resampled was examined and the strongest mineralization appears to be disseminated chalcopyrite and malachite in calc-silicate rock, although malachite staining was noted in the altered volcanics and diorite.

During the 1993 mapping 5 grab samples from outcrops were taken. They were assayed for copper, gold and silver at Eco-Tech Laboratories Ltd. in Kamloops, the results are in Appendix II, and the location with the copper values are plotted on Map 2. No significant gold and silver values were reported. The highest assay for copper returned 0.78% in a 5 m wide calc-silicate band with finely disseminated chalcopyrite and abundant malachite staining that was exposed in a logging cut 150 m northeast of the main trench.

In 1969, Burgoyne, testing only for copper, outlined a significant zone of anomalous copper in the soil across the west side of the present property. As the exact location of this grid was not known a new grid was chained and flagged in across 11.1 line km. The old north-south baseline from the 1990 geophysical surveys, which used the LCP from the Sheryl claim as a control point, was rechained. Two hundred and eight soil samples were taken at 50 m intervals on lines that were 100 m apart. A further 15 soil samples were taken along a road to the southwest across the Rachel 1 and 4 claims at 100 m intervals. All sample sites are plotted on Map 2. All samples were taken from the "B" horizon at depths from 10 to 25 cm and then analyzed for a gold geochemical fire assay, and a 30 element Inductively Coupled Plasma (ICP) analysis at Eco-Tech Laboratories Ltd. in Kamloops. The techniques are given in Appendix III and the results are listed in Appendix II. The samples that were taken on the Rachel claims showed no elevated trends.

Within the grid only 2 isolated samples returned detectable amounts of gold (>5 ppb) and they were only 30 and 35 ppb.

Copper varied from 10 to 1535 ppm and was strongly anomalous across the southwest portion of the grid on lines 49 and 50N, with the first 2 samples on line 49N returning values of 1122 and 1181 ppm at stations 0+00E and 0+50E respectively. A strong north-south anomalous trend through the middle of the grid from line 49N to line 60N (1100 m) was outlined between 2+50E and 5+50E, values are mostly greater than 300 ppm with a high of 1535 ppm at line 56N 2+50E. This trend, open to the north and south is in line with the main trench from 1969 and may be following the shear zone observed in it.

The only other element that was significantly elevated in the survey was vanadium which varied from 30 to 405 ppm. The elevated vanadium (>100 ppm) very closely correlated with the elevated copper by outlining the same trends. Elevated vanadium, although not common, could in this case be attributed to its association with magnetite as it was weathered from the diorites (Personal Communication, W.J. McMillan, 1993).

CONCLUSIONS

Field work in 1993 together with data from previous owners and government mapping indicates that the Ashton property not only covers an area with known skarn alteration/mineralization, but also has excellent potential for porphyry style mineralization.

The association between the Mount Lytton and Guichon Batholiths and the presence of porphyry style propylitic alteration, along with the large zone of anomalous copper identified in soils, makes it highly probable that copper-rich intrusive phases similar to those in the Guichon Batholith have also formed in intrusions in the Mount Lytton Complex. This gives the Ashton property excellent potential to host a large tonnage low grade porphyry copper orebody similar to those in the Highland Valley area of the Guichon Batholith.

RECOMMENDATIONS

Recommendations for the Ashton property are listed below:

1. Staking to the west where the anomalous zone of copper in the soils is not closed off and appears to be trending off the claims.

2. Expand the 1993 grid and to the south and west by a minimum of 700 m, detailed geological mapping and soil sampling of the expanded grid.

3. Perform an IP survey across the grid to test the depth and size of possible sulfide mineralization.

Scott W. Smith, P. Geol.

APPENDIX I

EXPENDITURES FROM GEOCHEMICAL SAMPLING AND GEOLOGICAL MAPPING ON ASHTON PROPERTY

June 8 to 15, 1993

Planning, trip preparation:			
	S.W. Smith (geologist) 2 day @ $400/day		$ 800.00
Salaries:	S.W. Smith (geologist) 8 days @ $400/day		3,200.00
	R. Krause (technician) 8 days @ $300/day		2,400.00
Transportation:			
	Truck Rental 8 days @ $65/day		520.00
	Gas		139.50
	Highway toll		20.00
Meals and Accomadation:			
	Motel		409.40
	Restaurant		154.56
	Groceries		87.59
Field Supplies:			387.80
Assays:			
	223 soils (Au plus 30 element ICP)	@ $14.45/sample	3,222.35
	5 rock (Au, Ag and Cu)	@ $30.76/sample	153.80
Report Writing:			
	S.W. Smith (geologist) 3 days @ $400/day		1,200.00
	Drafting and reproduction		557.45
		TOTAL	**$ 13,252.45**

APPENDIX II

ANALYTICAL METHODS

Eco·Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

METHODOLOGY

a) Gold - Geochemical — Fire Assay - A.A.

A 10.000 gram sample is fire assayed by conventional fire assay procedures. The resulting bead is dissolved in 3ml aqua regia and is analyzed for gold by Atomic Absorption.

Minimum Reportable Concentration: 5 (pbb)

b) 30 Element ICP — Aqua Regia Digestion

A one gram sample* is digested with a 6ml mixture of HCL, HNO_3, H_2O in a ratio of 3:2:1. The digestion is carried out at 95°C for two hours. The digested sample is made up to 20ml with distilled water and analyzed by ICP.

Minimum Reportable Concentration:

a) Aqua Regia Digestion

Ag	0.2 ppm	Cu	1 ppm	Pb	2 ppm
Al*	0.01%	Fe*	0.01%	Sb	5 ppm
As	5 ppm	K*	0.01%	Sn	20 ppm
B*	2 ppm	La	10 ppm	Sr*	1 ppm
Ba*	5 ppm	Mg*	0.01%	Ti*	0.01%
Bi	5 ppm	Mn*	1 ppm	U*	10 ppm
Ca*	0.01%	Mo	1 ppm	V	1 ppm
Cd	1 ppm	Na*	0.01%	W*	10 ppm
Co	1 ppm	Ni	1 ppm	Y	1 ppm
Cr*	1 ppm	P*	10 ppm	Zn	1 ppm

Dissolution of elements marked by an asterisk may not be complete.
* 2 gram sample can be used at no extra charge

Copper Assay

A 2g sample is digested in a 200ml phosphoric flask with HNO_3, HCl. The digestion is carried out on a hot plate for 2 hours. The sample is bulked up with distilled water and analysed for copper by Atomic Absorbtion. The minimum reportable concentration is <0.01%.

Eco-Tech LABORATORIES LTD.

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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Quality control

a) Sample Preparation

Random Duplicate samples are split from each shipment and introduced in each suite of samples sent to the laboratory for analysis. No less than one sample in forty is re-split. Each sample is assigned a unique lab number and barcode to be read by the barcode reader at the weigh station. A second person checks the lab number assignment for accuracy.

b) Weighing Stations

Each balance is calibrated twice during each shift using N.B.S. referenced weights. Samples are identified prior to weighing by use of a barcode reader. The sample identification, sample weight and analysis required is automatically captured by computer.

c) Fire Lab

Separate fusion pots are used for Assay, Rock Geochem and Soil Geochem. The pots are catalogued and are not reused until the assay is completed. Pots which were used for samples containing high or anomalous gold values are discarded at the end of each day. All flux mixtures are tested for purity before use.

d) Analysis

Samples are analyzed from test tube racks containing forty test tubes. Each rack will contain thirty-seven samples, (one of which may be a blind duplicate re-split form the bucking facility), one blank, one soil standard and one duplicate sample. Approximately 25 Can Met and several in-house standards are routinely used by our laboratory. As a minimum, a full 10% of all samples analyzed are quality control samples. In addition to the quality control analyses, check analyses are routinely performed to verify data for anomalous samples.

ECO-TECH LABORATORIES LTD.

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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

The samples are analyzed in the following order:

Test Tube	Contents
#40	Soil Standard (CanMet or In-House) to verify instrument calibration and sample digestion.
#1	Reagent Blank to check for reagent contamination and instrument zero.
#2 to #38	Analysis of samples.
#39	Sample Duplicate.
#40	Soil Standard and Recalibration.

Quality Control Data Assessment

Each element analyzed in the soil standards has an individual statistical plot of standard deviation for the analysis. Upper and lower warning limits are set at ±2 standard deviations. The analysis is considered to be out of control and is stopped when the value exceeds ±3 standards deviations. If the nature of the problem cannot be determined, the entire block of samples is re-analyzed. The results for duplicate and blind duplicate pairs must fall within our tolerance limits for precision of geochemical analysis as outlined below:

Average Value	Precision
1 to 2 times detection limit	± 100%
3 to 4 " "	± 60%
5 to 6 " "	± 40%
7 to 10 " "	± 25%
11 to 100 " "	± 15%
> 100 " "	± 10%

APPENDIX III

ASSAY/GEOCHEMICAL RESULTS

Eco-Tech LABORATORIES LTD.

ASSAYING
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ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

JUNE 22, 1993

CERTIFICATE OF ASSAY ETK 93-141

WESTORE ENGINEERING
703-1112 W. PENDER STREET
VANCOUVER, B.C.
V6E 2S1

ATTENTION: SCOTT SMITH

SAMPLE IDENTIFICATION: 5 ROCK samples received JUNE 15, 1993
PROJECT #: ASHTON 9301

ET#	Description	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
1-	SR93- 1	<.03	<.001	1.5	.04	.32
2-	SR93- 2	.03	.001	1.3	.04	.10
3-	SR93- 3	.06	.002	.8	.02	.04
4-	SR93- 4	<.03	<.001	.6	.02	.07
5-	SR93- 5	<.03	<.001	1.3	.04	.78

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

SC93/KMISC

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 24, 1993

WESTORE ENGINEERING ETK 93-140
703-1112 W PENDER STREET
VANCOUVER, B.C.
V6E 2S1

VALUES IN PPM UNLESS OTHERWISE REPORTED

223 SOIL SAMPLES RECEIVED JUNE 15, 1993
PROJECT #: ASHTON 9301

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- L49N + 00 E	<5	<.2	3.69	30	4	115	<5	1.24	<1	30	8	1122	5.75	.05	10	1.32	369	2	.01	21	110	12	<5	<20	131	.13	<10	264	<10	8	65
2	- L49N + 50 E	<5	<.2	3.39	40	4	70	<5	1.18	<1	31	<1	1181	4.07	.05	<10	1.05	272	<1	.02	13	80	10	5	<20	107	.09	<10	198	<10	4	64
3	- L49N + 100 E	<5	<.2	4.17	30	4	125	<5	1.14	<1	33	4	389	5.63	.06	10	1.13	372	<1	.02	14	20	14	5	<20	142	.15	<10	271	<10	10	80
4	- L49N + 150 E	<5	<.2	3.11	25	4	110	<5	.99	<1	33	17	384	7.26	.09	20	1.21	390	1	.02	20	200	14	5	<20	110	.14	<10	405	<10	10	61
5	- L49N + 200 E	<5	<.2	3.32	25	4	130	<5	.90	<1	24	28	252	4.94	.10	10	.94	398	<1	.01	33	390	16	<5	<20	99	.13	<10	217	<10	11	77
6	- L49N + 250 E	<5	<.2	2.43	20	6	100	<5	.66	<1	15	18	149	3.22	.28	10	.65	439	<1	.01	23	350	12	<5	<20	69	.09	<10	107	<10	6	99
7	- L49N + 300 E	35	<.2	3.49	20	2	105	<5	1.06	<1	26	70	619	5.19	.08	20	1.78	564	1	.03	31	60	12	5	<20	101	.02	<10	218	<10	7	48
8	- L49N + 350 E	<5	<.2	3.56	30	4	130	<5	1.05	<1	32	22	874	6.22	.05	20	1.83	586	1	.02	32	60	14	5	<20	151	.11	<10	290	<10	13	76
9	- L49N + 400 E	<5	<.2	2.81	20	8	95	<5	.63	<1	31	10	642	4.28	.08	20	1.14	412	1	.01	22	120	10	10	<20	70	.05	<10	158	<10	4	92
10	- L49N + 450 E	<5	<.2	2.77	30	8	90	<5	1.12	<1	31	11	526	5.56	.22	20	1.52	540	<1	.02	30	270	14	5	<20	136	.12	<10	255	<10	11	72
11	- L49N + 500 E	<5	<.2	3.13	15	10	125	<5	1.37	<1	30	81	143	5.31	.10	20	2.38	800	3	.03	50	500	14	5	<20	231	.17	<10	137	<10	15	95
12	- L49N + 550 E	<5	<.2	2.47	15	6	140	<5	1.06	<1	20	36	182	4.03	.08	10	.94	395	<1	.02	39	250	12	<5	<20	156	.17	<10	138	<10	16	54
13	- L49N + 600 E	<5	<.2	2.56	25	10	105	<5	1.56	<1	23	28	162	4.02	.19	10	1.41	523	<1	.04	42	790	14	5	<20	228	.17	<10	146	<10	13	65
14	- L49N + 650 E	<5	<.2	2.68	10	14	115	<5	1.66	<1	20	33	79	3.60	.15	20	1.92	517	<1	.10	57	710	10	5	<20	342	.16	<10	96	<10	15	52
15	- L49N + 700 E	<5	<.2	3.29	10	14	80	<5	1.32	<1	18	27	50	2.95	.10	10	1.76	343	<1	.12	69	390	12	5	<20	307	.11	<10	61	<10	8	46
16	- L49N + 750 E	<5	<.2	4.75	25	18	120	<5	1.11	<1	24	33	59	3.93	.15	20	2.27	594	1	.07	89	380	12	5	<20	343	.19	<10	71	<10	14	67
17	- L49N + 800 E	<5	<.2	4.82	25	12	155	<5	1.11	<1	23	41	67	4.11	.07	20	2.18	395	<1	.07	91	350	10	5	<20	396	.19	<10	75	<10	17	61
18	- L49N + 850 E	<5	<.2	2.86	10	10	110	<5	.77	<1	17	42	41	3.64	.16	20	.95	558	2	.04	46	360	12	5	<20	186	.18	<10	69	<10	18	82
19	- L49N + 900 E	<5	<.2	2.22	10	8	75	<5	.87	<1	17	41	38	3.36	.16	10	1.07	604	<1	.05	52	350	10	5	<20	116	.17	<10	68	<10	16	92
20	- L49N + 950 E	<5	<.2	3.11	5	10	75	<5	.49	<1	14	22	26	2.75	.15	10	1.09	439	<1	.02	51	290	10	10	<20	91	.13	<10	44	<10	9	82

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
21 -	L49N + 1000 E	<5	<.2	3.56	15	10	80	<5	.74	<1	15	24	30	2.84	.14	10	1.31	630	1	.01	57	580	10	5	<20	132	.12	<10	43	<10	9	100
22 -	L49N + 1050 E	<5	<.2	2.06	5	4	45	<5	.99	<1	11	16	27	2.03	.04	<10	1.04	250	<1	.09	37	400	10	5	<20	185	.08	<10	42	<10	7	33
23 -	L49N + 1100 E	<5	<.2	1.22	5	4	45	<5	.27	<1	6	13	10	1.49	.08	<10	.28	172	<1	.01	12	310	8	<5	<20	54	.09	<10	30	<10	5	48
24 -	L49N + 1150 E	<5	<.2	1.50	5	6	80	<5	.40	<1	9	26	18	2.11	.13	<10	.42	343	<1	.01	19	270	10	<5	<20	75	.14	<10	43	<10	7	75
25 -	L49N + 1225 E	<5	<.2	3.28	10	8	90	<5	1.05	<1	21	30	59	3.77	.18	20	1.90	540	1	.05	68	240	12	5	<20	323	.19	<10	79	<10	17	68
26 -	L49N + 1250 E	<5	<.2	3.37	20	4	75	<5	1.52	<1	24	30	55	3.26	.12	10	2.44	697	<1	.03	77	360	14	5	<20	207	.13	<10	61	<10	13	76
27 -	L49N + 1300 E	<5	<.2	3.30	15	6	115	<5	1.12	<1	28	27	56	4.22	.31	20	2.29	577	1	.04	83	370	12	5	<20	248	.29	<10	86	<10	25	78
28 -	L49N + 1350 E	<5	<.2	2.90	10	6	90	<5	.59	<1	15	20	28	2.82	.13	10	1.04	365	<1	.02	48	440	12	<5	<20	154	.16	<10	50	<10	11	90
29 -	L49N + 1375 E	<5	<.2	3.26	20	4	140	<5	.83	<1	24	36	44	3.53	.08	20	2.18	567	<1	.02	80	430	10	5	<20	438	.15	<10	66	<10	15	78
30 -	L50N + 00 E	<5	<.2	3.95	30	4	100	<5	1.04	<1	26	36	250	5.27	.08	10	1.62	381	<1	.03	26	90	12	5	<20	104	.07	<10	194	<10	7	57
31 -	L50N + 50 E	<5	<.2	3.63	20	4	145	<5	.98	<1	24	22	291	4.69	.07	10	.91	391	<1	.02	27	170	14	<5	<20	98	.12	<10	183	<10	9	68
32 -	L50N + 100 E	<5	<.2	3.94	20	4	135	<5	1.06	<1	27	12	564	5.65	.09	10	1.16	454	<1	.03	20	140	12	<5	<20	111	.12	<10	262	<10	9	76
33 -	L50N + 150 E	<5	<.2	3.43	20	6	75	<5	2.25	<1	27	30	360	4.58	.06	10	1.51	383	2	.03	25	320	10	10	<20	157	.07	<10	232	<10	5	47
34 -	L50N + 200 E	<5	<.2	3.43	10	6	70	<5	2.14	<1	30	21	631	5.10	.05	10	1.66	436	<1	.03	23	240	10	5	<20	143	.09	<10	258	<10	6	54
35 -	L50N + 250 E	<5	<.2	3.01	10	6	120	<5	.83	<1	18	24	157	3.88	.16	10	.76	628	<1	.01	24	340	10	5	<20	78	.11	<10	136	<10	7	83
36 -	L50N + 300 E	<5	<.2	3.08	20	6	140	<5	.80	<1	18	36	203	4.50	.11	10	.88	368	<1	.02	39	300	12	<5	<20	133	.15	<10	156	<10	13	53
37 -	L50N + 350 E	<5	<.2	3.48	20	8	100	<5	1.03	<1	30	36	524	5.65	.14	10	1.53	667	1	.02	25	140	10	<5	<20	94	.09	<10	253	<10	6	72
38 -	L50N + 400 E	<5	<.2	2.82	40	16	100	<5	1.67	<1	32	18	614	5.67	.10	10	1.36	508	1	.02	28	210	12	<5	<20	117	.14	<10	262	<10	10	70
39 -	L50N + 450 E	<5	<.2	2.94	15	8	295	<5	1.24	<1	24	37	58	4.63	.17	30	1.28	570	1	.06	85	770	12	<5	<20	545	.04	<10	67	<10	11	67
40 -	L50N + 500 E	<5	<.2	3.28	20	10	145	<5	2.18	<1	23	37	67	3.80	.18	20	2.06	708	<1	.03	54	790	11	10	<20	359	.17	<10	84	<10	15	71
41 -	L50N + 550 E	<5	<.2	1.92	25	8	90	<5	1.64	<1	23	24	104	4.52	.07	10	1.07	595	1	.04	30	830	13	5	<20	161	.16	<10	223	<10	12	63
42 -	L50N + 600 E	<5	<.2	2.69	15	12	105	<5	1.74	<1	21	37	69	3.61	.15	10	1.56	501	1	.07	55	1150	10	5	<20	207	.17	<10	105	<10	15	68
43 -	L50N + 650 E	<5	<.2	2.37	20	10	115	<5	1.51	<1	19	31	52	3.44	.13	10	1.43	560	<1	.05	48	720	10	5	<20	190	.12	<10	79	<10	13	58
44 -	L50N + 700 E	<5	<.2	2.00	10	14	80	<5	.68	<1	11	25	25	2.53	.20	10	.64	387	<1	.01	31	450	10	<5	<20	103	.13	<10	44	<10	11	102
45 -	L50N + 750 E	<5	<.2	1.94	10	8	90	<5	.57	<1	12	26	23	2.74	.16	10	.64	391	<1	.02	30	360	10	<5	<20	151	.16	<10	53	<10	12	88
46 -	L50N + 800 E	<5	<.2	1.86	5	6	100	<5	.70	<1	13	30	27	2.88	.18	10	.68	393	<1	.01	36	340	11	<5	<20	172	.16	<10	60	<10	14	87
47 -	L50N + 850 E	<5	<.2	2.33	10	8	105	<5	.63	<1	16	43	28	3.47	.11	10	.71	453	<1	.02	41	330	10	5	<20	112	.18	<10	61	<10	17	98
48 -	L50N + 900 E	<5	<.2	1.99	15	6	100	<5	.61	<1	15	37	22	3.12	.07	10	.62	368	<1	.02	39	290	11	5	<20	128	.17	<10	54	<10	15	70
49 -	L50N + 950 E	<5	<.2	3.36	20	8	115	<5	.75	<1	20	35	29	3.61	.09	10	1.20	353	<1	.02	66	690	10	<5	<20	93	.18	<10	61	<10	14	102
50 -	L50N + 1000 E	<5	<.2	2.77	15	12	80	<5	.68	<1	18	40	25	3.38	.14	10	.99	422	<1	.02	58	480	11	5	<20	75	.16	<10	57	<10	15	96

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
51	- L50N + 1050 E	<5	<.2	2.25	10	6	95	<5	.59	<1	16	41	25	3.13	.12	10	.80	572	<1	.02	48	310	12	5	<20	90	.17	<10	57	<10	14	91
52	- L50N + 1100 E	<5	<.2	2.13	10	10	115	<5	.54	<1	12	28	22	2.83	.10	<10	.70	233	1	.03	31	340	11	<5	<20	119	.15	<10	52	<10	10	80
53	- L50N + 1150 E	<5	<.2	1.77	15	10	90	<5	.83	<1	20	27	36	3.41	.24	10	1.30	529	<1	.04	57	310	11	5	<20	176	.18	<10	65	<10	15	79
54	- L50N + 1200 E	<5	<.2	2.02	10	8	95	<5	1.03	<1	28	29	54	3.77	.22	10	2.17	750	1	.04	84	790	14	5	<20	163	.19	<10	77	<10	15	87
55	- L50N + 1250 E	<5	<.2	2.34	15	6	80	<5	.74	<1	21	33	29	3.88	.10	10	1.11	514	1	.04	50	340	13	5	<20	120	.23	<10	71	<10	18	75
56	- L50N + 1300 E	<5	<.2	2.18	10	8	100	<5	.79	<1	15	27	29	3.10	.13	10	.99	404	<1	.02	43	580	12	5	<20	216	.16	<10	49	<10	15	104
57	- L50N + 1350 E	<5	<.2	1.25	5	6	70	<5	.29	<1	6	19	11	1.71	.05	<10	.29	163	<1	.01	15	190	8	<5	<20	55	.09	<10	30	<10	6	100
58	- L50N + 1400 E	<5	<.2	1.37	10	4	65	<5	.34	<1	7	21	16	2.00	.04	<10	.26	188	<1	.02	15	170	10	<5	<20	50	.09	<10	38	<10	5	71
59	- L50N + 1450 E	<5	<.2	1.29	10	6	75	<5	.35	<1	7	24	12	1.76	.11	<10	.28	234	<1	.01	16	250	8	<5	<20	53	.12	<10	32	<10	7	77
60	- L50N + 1500 E	<5	<.2	1.78	10	6	95	<5	.48	<1	15	41	22	2.80	.09	10	.44	422	1	.03	37	310	10	<5	<20	91	.14	<10	51	<10	15	78
61	- L51N + 00 E	<5	<.2	3.02	10	6	125	<5	1.02	<1	23	39	151	4.50	.28	<10	.97	650	<1	.02	33	280	13	5	<20	109	.18	<10	153	<10	16	74
62	- L51N + 50 E	<5	<.2	3.89	15	4	95	<5	1.32	<1	20	58	229	4.36	.16	<10	1.25	395	<1	.02	25	300	9	5	<20	106	.11	<10	183	<10	8	63
63	- L51N + 100 E	<5	<.2	4.33	10	8	110	<5	1.01	<1	21	34	155	4.74	.20	<10	1.01	505	1	.03	26	330	11	5	<20	103	.12	<10	212	<10	8	69
64	- L51N + 150 E	<5	<.2	2.94	10	4	70	<5	1.35	<1	15	16	121	2.99	.10	<10	.84	417	<1	.02	17	270	7	5	<20	101	.07	<10	123	<10	6	49
65	- L51N + 200 E	<5	<.2	4.50	20	8	120	<5	.98	<1	19	24	136	3.61	.10	<10	.93	483	<1	.02	21	1090	12	5	<20	97	.10	<10	133	<10	6	78
66	- L51N + 250 E	<5	<.2	5.13	20	8	170	<5	1.58	<1	23	31	184	4.65	<.01	20	1.12	597	<1	.02	60	440	11	190	100	136	.14	10	171	<10	17	141
67	- L51N + 300 E	<5	<.2	3.99	20	8	150	<5	1.41	3	26	29	434	5.48	<.01	20	1.41	480	<1	.03	62	220	12	165	80	131	.14	10	240	<10	14	100
68	- L51N + 350 E	<5	<.2	3.94	20	12	100	<5	3.04	2	25	18	299	4.65	<.01	20	1.91	583	<1	.01	52	500	10	155	80	140	.04	30	230	<10	12	92
69	- L51N + 450 E	<5	<.2	2.72	25	12	120	<5	1.62	4	29	21	397	5.12	.02	20	1.56	578	<1	.04	55	700	13	115	60	208	.18	10	216	<10	16	91
70	- L51N + 500 E	<5	<.2	2.31	10	16	105	<5	1.73	3	23	22	150	3.87	.03	20	1.19	598	<1	.04	54	1080	14	110	40	191	.15	10	146	<10	14	93
71	- L51N + 550 E	<5	<.2	2.64	10	10	130	<5	1.36	3	21	37	67	3.86	.07	20	1.65	516	<1	.05	77	620	13	120	60	259	.17	10	102	<10	19	93
72	- L51N + 600 E	<5	<.2	2.87	10	10	145	<5	1.34	2	23	41	60	4.00	.09	20	1.82	611	<1	.07	84	670	12	125	60	282	.19	10	88	<10	19	93
73	- L51N + 650 E	<5	<.2	2.88	10	8	110	<5	1.00	4	18	38	36	3.42	.18	20	1.23	639	<1	.03	54	510	13	45	20	189	.18	<10	72	<10	18	101
74	- L51N + 700 E	<5	<.2	2.50	10	10	130	<5	.75	3	17	44	28	3.58	.22	20	.79	486	1	.03	45	330	12	45	20	130	.20	<10	70	<10	22	82
75	- L51N + 750 E	<5	<.2	2.37	10	10	125	<5	.79	2	19	45	32	3.67	.20	20	.93	685	<1	.03	66	290	11	105	60	146	.21	<10	75	<10	22	100
76	- L51N + 800 E	<5	<.2	1.82	<5	8	135	<5	.71	2	15	34	23	3.11	.21	20	.70	643	<1	.03	55	250	12	90	40	109	.16	<10	59	<10	20	92
77	- L51N + 850 E	<5	<.2	2.62	15	8	145	<5	.97	2	20	59	39	3.93	.20	20	1.02	549	<1	.05	80	400	8	125	60	172	.23	10	80	<10	28	103
78	- L51N + 900 E	<5	<.2	3.39	10	10	130	<5	.95	5	21	51	42	4.52	.33	30	1.55	430	<1	.06	60	430	8	15	<20	234	.21	<10	84	<10	21	79
79	- L51N + 950 E	<5	<.2	3.66	15	10	135	<5	1.13	5	23	41	67	4.47	.33	30	2.48	415	1	.08	77	430	10	45	<20	335	.18	<10	87	<10	16	77
80	- L51N + 1000 E	<5	<.2	2.47	10	8	105	<5	.84	3	18	36	28	4.01	.28	20	1.15	514	<1	.06	61	320	8	85	40	160	.20	<10	73	<10	19	110

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
81 -	L52N + 00 E	<5	<.2	2.54	5	8	170	<5	.81	<1	18	34	67	3.60	.38	10	.71	739	<1	.03	28	260	10	<5	<20	111	.19	<10	118	<10	16	82
82 -	L52N + 50 E	<5	<.2	2.63	10	8	155	<5	.83	<1	18	32	73	3.66	.33	20	.76	583	<1	.02	28	310	8	5	<20	136	.18	<10	126	<10	15	71
83 -	L52N + 100 E	<5	<.2	4.24	20	10	170	<5	1.19	<1	24	22	177	5.51	.31	20	1.08	671	1	.01	24	690	8	<5	<20	128	.21	<10	183	<10	18	85
84 -	L52N + 150 E	<5	<.2	3.82	20	10	190	<5	1.10	<1	21	30	98	4.21	.23	20	.94	560	<1	.02	29	460	8	5	<20	150	.20	<10	123	<10	16	80
85 -	L52N + 200 E	<5	<.2	2.40	10	10	130	<5	.72	<1	13	21	40	2.83	.22	10	.57	591	<1	.01	22	260	8	5	<20	59	.13	<10	78	<10	9	104
86 -	L52N + 250 E	<5	<.2	2.45	15	10	155	<5	.79	<1	11	16	58	2.39	.30	<10	.56	435	<1	.01	20	780	8	5	<20	71	.09	<10	67	<10	7	151
87 -	L52N + 300 E	<5	<.2	3.00	30	16	115	<5	2.64	<1	44	17	799	6.45	.07	20	1.48	594	1	.03	23	550	12	5	<20	159	.17	<10	320	<10	12	82
88 -	L52N + 350 E	<5	<.2	3.20	30	14	180	<5	1.58	<1	34	21	574	5.85	.10	30	1.86	547	3	.03	35	440	8	5	<20	162	.14	<10	227	<10	15	69
89 -	L52N + 400 E	<5	<.2	2.76	35	24	80	<5	1.98	<1	17	8	145	3.32	.26	10	.69	745	1	.01	19	1650	16	<5	<20	103	.11	<10	78	<10	9	542
90 -	L52N + 450 E	<5	<.2	3.45	25	12	150	<5	1.44	<1	30	29	462	5.76	.12	30	1.65	586	1	.03	42	500	10	5	<20	192	.18	<10	243	<10	17	77
91 -	L52N + 500 E	<5	<.2	3.14	30	14	110	<5	2.57	<1	33	17	461	5.38	.05	20	1.71	568	1	.03	34	410	8	5	<20	185	.19	<10	264	<10	13	67
92 -	L52N + 550 E	<5	<.2	2.92	20	12	120	<5	1.22	<1	22	30	105	4.70	.06	20	1.04	553	1	.02	41	460	10	5	<20	133	.20	<10	186	<10	15	101
93 -	L52N + 600 E	<5	<.2	2.78	15	14	135	<5	1.63	<1	23	39	85	4.05	.18	20	1.84	585	<1	.07	58	900	10	5	<20	290	.18	<10	104	<10	17	69
94 -	L52N + 650 E	<5	<.2	2.25	10	12	135	<5	1.66	<1	19	44	53	3.69	.13	20	1.41	620	<1	.06	50	950	8	5	<20	217	.17	<10	99	<10	16	68
95 -	L52N + 700 E	<5	<.2	2.10	5	10	130	<5	.78	<1	19	48	35	4.02	.27	20	1.00	596	<1	.04	43	250	10	<5	<20	152	.18	<10	80	<10	19	96
96 -	L52N + 750 E	<5	<.2	2.37	10	10	130	<5	.97	<1	23	50	40	3.88	.28	20	1.15	797	<1	.04	52	390	8	5	<20	164	.21	<10	77	<10	19	88
97 -	L52N + 800 E	<5	<.2	2.39	10	8	150	<5	.87	<1	20	44	41	3.64	.32	20	1.03	706	<1	.05	49	360	8	<5	<20	167	.19	<10	74	<10	19	76
98 -	L52N + 850 E	<5	<.2	2.46	10	8	160	<5	1.15	<1	20	41	53	3.64	.07	20	1.59	620	<1	.07	53	880	8	<5	<20	242	.16	<10	88	<10	16	60
99 -	L52N + 900 E	<5	<.2	2.55	10	8	125	<5	.86	<1	18	54	52	3.75	.23	20	1.16	494	<1	.04	54	390	8	<5	<20	162	.20	<10	76	<10	18	67
100-	L52N + 950 E	<5	<.2	2.60	15	8	110	<5	1.28	<1	20	37	44	3.60	.21	20	1.56	507	<1	.08	53	580	8	<5	<20	225	.20	<10	78	<10	16	70
101-	L52N + 1000 E	<5	<.2	2.43	10	8	95	<5	1.07	<1	20	45	39	4.03	.30	20	1.31	527	<1	.06	51	340	8	5	<20	158	.22	<10	76	<10	20	96
102-	L53N + 00 E	<5	<.2	2.17	5	6	65	<5	1.28	<1	13	14	114	2.17	.07	<10	.86	372	<1	<.01	15	300	2	5	<20	81	.04	<10	61	<10	4	36
103-	L53N + 50 E	<5	<.2	2.36	10	8	150	<5	.88	<1	14	29	45	2.98	.19	10	.61	478	1	.02	23	250	8	<5	<20	89	.17	<10	88	<10	14	69
104-	L53N + 100 E	<5	<.2	2.85	15	8	155	<5	.97	<1	17	33	67	3.48	.27	10	.67	522	1	.01	29	400	10	<5	<20	96	.17	<10	103	<10	15	94
105-	L53N + 150 E	<5	<.2	2.12	15	8	140	<5	.68	<1	12	24	37	2.49	.15	10	.51	650	<1	.01	22	290	8	<5	<20	61	.13	<10	63	<10	10	107
106-	L53N + 200 E	<5	<.2	1.81	5	10	165	<5	.90	<1	11	18	47	2.37	.25	<10	.49	948	<1	.01	19	560	8	5	<20	76	.10	<10	68	<10	8	133
107-	L53N + 250 E	<5	<.2	3.58	25	10	130	<5	1.04	<1	27	23	536	5.59	.08	20	1.32	427	1	.02	27	90	8	<5	<20	93	.13	<10	259	<10	10	68
108-	L53N + 300 E	<5	<.2	2.61	45	18	80	<5	1.88	<1	28	6	696	5.38	.14	20	1.21	565	3	.01	25	270	12	5	<20	151	.18	<10	264	<10	12	92
109-	L53N + 350 E	<5	<.2	1.88	60	8	45	<5	2.71	<1	27	1	420	3.54	.02	10	.97	618	2	<.01	14	460	16	5	<20	109	.08	<10	133	<10	7	240
110-	L53N + 400 E	<5	<.2	3.00	15	12	180	<5	.99	<1	24	43	149	4.27	.46	20	1.48	794	1	.04	45	460	10	<5	<20	203	.15	<10	120	<10	16	98

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PAGE 5

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
111-	L53N + 450 E	<5	<.2	3.33	70	18	100	<5	2.35	<1	25	9	582	4.93	.06	30	1.39	773	3	.01	24	290	14	5	<20	201	.18	<10	177	<10	15	155
112-	L53N + 500 E	<5	<.2	2.75	10	12	130	<5	1.88	<1	22	30	166	3.89	.17	20	1.64	567	1	.07	48	730	10	<5	<20	255	.13	<10	124	<10	12	62
113-	L53N + 550 E	<5	<.2	2.58	20	12	120	<5	1.70	<1	22	34	91	3.75	.14	20	1.85	591	1	.10	54	890	8	5	<20	264	.17	<10	104	<10	16	64
114-	L53N + 600 E	<5	<.2	2.41	10	16	105	<5	.84	<1	17	34	69	3.48	.29	10	1.08	479	1	.03	42	460	8	5	<20	134	.17	<10	83	<10	14	90
115-	L53N + 650 E	<5	<.2	1.95	5	8	100	<5	.62	<1	16	35	33	2.98	.19	10	.80	597	<1	.04	41	260	10	<5	<20	116	.17	<10	58	<10	16	81
116-	L53N + 700 E	<5	<.2	2.59	10	10	125	<5	.81	<1	17	40	49	3.45	.20	20	1.21	383	1	.05	50	400	10	<5	<20	176	.17	<10	70	<10	17	56
117-	L53N + 750 E	<5	<.2	2.26	5	12	95	<5	.99	<1	19	37	41	3.48	.28	20	1.35	480	<1	.05	52	520	8	5	<20	152	.18	<10	67	<10	16	62
118-	L53N + 800 E	<5	<.2	2.16	10	12	110	<5	1.18	<1	17	33	47	3.16	.18	20	1.31	430	<1	.06	48	760	8	5	<20	171	.15	<10	70	<10	13	58
119-	L53N + 850 E	<5	<.2	2.01	5	10	110	<5	.91	<1	17	35	40	3.17	.20	10	1.04	546	<1	.05	48	550	10	5	<20	143	.16	<10	65	<10	15	64
120-	L53N + 900 E	<5	<.2	1.73	10	8	105	<5	.62	<1	14	35	31	2.74	.21	10	.60	463	<1	.03	29	250	8	<5	<20	104	.16	<10	57	<10	13	69
121-	L54N + 00 E	<5	<.2	2.39	10	8	90	<5	1.07	<1	16	20	147	3.25	.09	10	1.08	415	<1	.02	28	430	8	5	<20	117	.10	<10	89	<10	9	49
122-	L54N + 50 E	<5	<.2	2.61	15	8	130	<5	.91	<1	17	39	88	3.51	.14	10	1.06	424	<1	.02	41	610	10	<5	<20	107	.14	<10	80	<10	12	66
123-	L54N + 100 E	<5	<.2	2.66	10	8	120	<5	.97	<1	17	37	102	3.53	.11	10	1.01	407	1	.02	39	680	10	5	<20	105	.15	<10	91	<10	12	66
124-	L54N + 150 E	<5	<.2	1.59	10	10	95	<5	1.99	<1	13	28	58	2.54	.12	10	.85	380	<1	.02	34	630	8	5	<20	105	.11	<10	69	<10	9	46
125-	L54N + 200 E	<5	<.2	2.79	15	10	105	<5	1.43	<1	44	<1	136	6.51	.01	10	1.78	363	1	.09	4	140	12	5	<20	126	.14	<10	266	<10	6	71
126-	L54N + 250 E	<5	<.2	2.50	20	8	105	<5	.93	<1	24	25	375	5.19	.05	10	1.04	554	1	.02	32	220	10	5	<20	66	.12	<10	257	<10	9	67
127-	L54N + 300 E	<5	<.2	2.25	40	12	75	<5	2.31	<1	33	10	521	4.86	.04	10	1.24	534	1	.02	24	460	14	5	<20	124	.14	<10	225	<10	9	104
128-	L54N + 350 E	<5	<.2	2.00	50	14	65	<5	1.78	<1	30	<1	724	5.21	.04	10	1.06	571	1	<.01	20	390	14	5	<20	119	.15	<10	274	<10	10	119
129-	L54N + 400 E	<5	<.2	1.92	45	20	65	<5	1.90	<1	23	11	366	3.99	.10	10	.92	534	1	.01	23	620	14	5	<20	104	.13	<10	165	<10	9	123
130-	L54N + 450 E	<5	<.2	1.67	70	14	50	<5	1.69	<1	22	1	515	3.84	.03	10	.97	440	1	<.01	14	800	12	5	<20	91	.09	<10	167	<10	6	109
131-	L54N + 500 E	<5	<.2	2.89	20	16	250	<5	2.12	<1	31	45	138	4.74	.19	30	2.18	794	1	.09	76	1150	8	10	<20	317	.22	<10	141	<10	21	92
132-	L54N + 550 E	<5	<.2	2.89	15	18	245	<5	2.19	<1	29	44	158	4.68	.15	30	1.69	682	<1	.06	62	720	8	10	<20	271	.21	<10	154	<10	19	81
133-	L54N + 600 E	<5	<.2	2.78	10	12	230	<5	1.01	<1	25	55	54	4.34	.31	20	1.33	585	<1	.04	70	490	8	<5	<20	195	.23	<10	83	<10	22	86
134-	L54N + 650 E	<5	<.2	2.57	<5	8	230	<5	1.14	<1	26	48	50	3.96	.23	30	1.40	843	<1	.05	73	530	10	5	<20	217	.23	<10	84	<10	26	87
135-	L54N + 700 E	<5	<.2	2.31	5	8	230	<5	1.04	<1	23	47	44	3.74	.27	20	1.12	666	<1	.06	59	570	12	5	<20	184	.22	<10	81	<10	21	81
136-	L54N + 750 E	<5	<.2	2.48	5	8	245	<5	.98	<1	25	47	48	3.93	.26	20	1.23	737	<1	.05	65	510	12	5	<20	180	.21	<10	80	<10	21	81
137-	L54N + 800 E	<5	<.2	2.91	15	8	250	<5	.96	<1	24	48	58	4.13	.23	30	1.50	480	1	.04	69	480	10	5	<20	207	.20	<10	79	<10	22	69
138-	L54N + 850 E	<5	<.2	2.13	10	10	210	<5	.73	<1	19	44	37	3.28	.29	20	.74	638	<1	.04	42	310	12	<5	<20	134	.21	<10	69	<10	20	92
139-	L54N + 900 E	<5	<.2	2.25	5	8	215	<5	.75	<1	18	43	41	3.29	.31	20	.77	539	<1	.05	45	370	10	<5	<20	153	.19	<10	68	<10	19	81
140-	L55N + 00 E	<5	<.2	4.03	20	6	235	<5	1.12	<1	33	21	341	5.71	.21	30	1.35	550	1	.02	23	450	10	5	<20	114	.21	<10	207	<10	18	53

WESTORE ENGINEERING ETK 93-140 ECO-TECH LABORATORIES LTD. JUNE 24, 1993

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
141-	L55N + 50 E	<5	<.2	2.64	15	8	270	<5	.93	<1	28	41	115	4.32	.22	20	.83	815	3	.01	33	520	12	<5	<20	86	.20	<10	131	<10	17	95
142-	L55N + 100 E	<5	<.2	2.43	15	8	250	<5	1.03	<1	24	39	69	3.90	.26	10	.71	688	<1	.02	38	380	12	<5	<20	93	.20	<10	112	<10	19	116
143-	L55N + 150 E	<5	<.2	2.37	5	12	220	<5	.75	<1	19	28	45	3.10	.26	10	.57	908	1	.01	31	460	10	<5	<20	57	.14	<10	73	10	12	145
144-	L55N + 200 E	<5	<.2	3.12	20	18	220	<5	1.16	<1	24	29	142	4.17	.28	10	.87	589	<1	.01	36	340	12	5	<20	90	.14	<10	130	<10	14	110
145-	L55N + 250 E	<5	<.2	2.96	25	12	205	<5	1.58	<1	38	26	425	6.22	.11	20	1.61	688	<1	.03	29	200	10	15	<20	90	.13	10	307	<10	10	90
146-	L55N + 300 E	<5	<.2	2.60	20	10	200	<5	1.34	<1	37	19	462	5.86	.09	20	1.30	689	<1	.02	41	240	14	55	20	78	.15	<10	302	<10	13	108
147-	L55N + 350 E	<5	<.2	1.15	60	14	140	<5	.91	<1	21	6	416	3.22	.06	<10	.52	354	<1	<.01	15	370	18	<5	<20	44	.09	<10	115	<10	5	202
148-	L55N + 400 E	<5	<.2	.68	45	8	115	<5	.93	<1	19	6	182	2.42	.02	<10	.37	279	<1	<.01	13	550	16	<5	<20	32	.05	<10	94	<10	3	123
149-	L55N + 450 E	<5	<.2	.63	35	10	105	<5	1.01	<1	18	5	156	2.35	.02	<10	.34	257	1	<.01	10	530	14	<5	<20	31	.04	<10	97	<10	2	100
150-	L55N + 500 E	<5	<.2	2.42	55	12	60	<5	2.27	5	27	6	524	4.80	.03	10	1.25	702	1	<.01	24	600	12	35	<20	123	.10	<10	176	<10	11	135
151-	L55N + 550 E	<5	<.2	2.92	20	14	110	<5	2.11	<1	30	35	257	5.12	.14	20	1.61	704	<1	.05	39	680	12	5	<20	190	.20	<10	201	<10	17	70
152-	L55N + 600 E	<5	<.2	2.30	10	10	110	<5	.90	<1	18	44	41	3.62	.33	20	.90	661	<1	.05	37	390	8	5	<20	130	.20	<10	75	<10	20	75
153-	L55N + 650 E	<5	<.2	2.20	10	10	80	<5	1.06	<1	21	34	42	3.92	.27	20	1.54	508	<1	.06	45	530	10	5	<20	158	.22	<10	83	<10	21	67
154-	L55N + 700 E	<5	<.2	2.27	5	8	85	<5	1.27	<1	22	38	42	3.88	.24	20	1.52	552	<1	.07	46	520	12	5	<20	180	.23	<10	82	<10	22	67
155-	L55N + 750 E	<5	<.2	2.56	10	8	100	<5	.92	<1	19	41	40	3.76	.32	20	1.09	531	<1	.05	40	270	8	<5	<20	155	.22	<10	71	<10	22	67
156-	L55N + 800 E	<5	<.2	2.39	10	8	90	<5	.97	<1	21	42	39	3.96	.26	20	1.19	596	<1	.06	42	270	12	5	<20	155	.23	<10	80	<10	22	70
157-	L56N + 00 E	<5	<.2	3.41	15	6	125	<5	.89	<1	22	27	120	3.99	.19	10	.83	646	1	.02	20	300	8	<5	<20	86	.16	<10	125	<10	14	65
158-	L56N + 50 E	<5	<.2	3.33	10	8	115	<5	.91	<1	27	20	211	4.87	.34	20	.92	666	1	.02	17	340	10	5	<20	86	.16	<10	178	<10	13	63
159-	L56N + 100 E	<5	<.2	3.01	15	8	115	<5	.82	<1	19	26	121	3.81	.35	10	.79	594	<1	.02	20	350	10	<5	<20	84	.15	<10	116	<10	13	66
160-	L56N + 150 E	<5	<.2	2.47	10	20	120	<5	.78	<1	13	25	51	2.70	.35	10	.69	640	<1	.02	21	320	10	5	<20	87	.14	<10	66	<10	11	85
161-	L56N + 200 E	<5	<.2	2.73	10	12	125	<5	.92	<1	18	40	64	3.52	.30	20	1.05	500	<1	.03	35	510	8	<5	<20	142	.17	<10	83	<10	17	65
162-	L56N + 250 E	<5	<.2	4.49	10	10	90	<5	3.67	<1	50	<1	1533	7.86	.04	40	3.65	693	2	.07	17	40	12	15	<20	110	.11	<10	511	<10	6	59
163-	L56N + 300 E	<5	<.2	3.49	15	8	135	<5	1.05	<1	24	31	515	5.06	.10	20	1.30	423	1	.02	30	100	12	5	<20	102	.14	<10	215	<10	15	57
164-	L56N + 350 E	<5	<.2	2.60	45	12	80	<5	1.60	1	28	13	401	4.75	.15	10	1.23	722	1	.02	25	360	16	20	<20	111	.14	<10	185	<10	13	157
165-	L56N + 400 E	<5	<.2	2.67	30	14	85	<5	1.49	<1	33	15	458	5.50	.10	20	1.28	613	1	.03	22	260	12	5	<20	124	.15	<10	264	<10	13	80
166-	L56N + 450 E	<5	<.2	2.28	25	14	85	<5	1.92	2	23	28	262	4.25	.09	10	1.19	554	1	.03	31	700	10	20	<20	153	.19	<10	181	<10	16	65
167-	L56N + 500 E	<5	<.2	2.38	15	10	90	<5	1.52	<1	21	31	160	4.29	.14	10	1.26	465	1	.04	29	790	12	5	<20	164	.18	<10	176	<10	16	55
168-	L56N + 550 E	<5	<.2	2.54	15	10	90	<5	1.28	<1	23	36	84	3.95	.20	20	1.64	640	<1	.04	47	520	12	5	<20	152	.19	<10	89	<10	18	81
169-	L56N + 600 E	<5	<.2	2.35	10	8	95	<5	.79	<1	17	40	36	3.45	.23	10	.86	532	<1	.05	38	310	10	5	<20	107	.20	<10	63	<10	19	78
170-	L56N + 650 E	<5	<.2	2.44	5	6	90	<5	.74	<1	20	46	41	3.90	.24	10	1.13	481	<1	.04	48	280	10	5	<20	134	.20	<10	72	<10	21	60

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
171-	L56N + 700 E	<5	<.2	2.78	5	8	90	<5	.91	<1	24	45	48	4.33	.14	20	1.53	498	<1	.05	60	300	12	5	<20	176	.25	<10	78	<10	25	58
172-	L56N + 750 E	<5	<.2	3.42	15	12	75	<5	1.37	<1	31	43	52	4.44	.14	20	2.68	519	<1	.24	91	650	12	5	<20	238	.27	<10	76	<10	21	53
173-	L56N + 800 E	<5	<.2	2.18	10	6	70	<5	.96	<1	27	34	36	4.13	.12	10	2.04	569	<1	.04	61	480	12	5	<20	165	.22	<10	67	<10	18	60
174-	L57N + 00 E	<5	<.2	3.23	25	6	95	<5	.89	<1	18	19	117	3.94	.28	10	.79	586	1	.01	14	520	10	<5	<20	74	.12	<10	141	<10	10	77
175-	L58N + 00 E	<5	<.2	2.40	15	6	90	<5	.82	<1	12	20	34	2.75	.27	<10	.56	525	<1	.01	15	420	12	<5	<20	73	.13	<10	69	<10	10	96
176-	L58N + 50 E	<5	<.2	2.85	15	6	95	<5	.91	<1	16	36	72	3.61	.26	10	.81	386	<1	.02	26	350	12	<5	<20	112	.16	<10	95	<10	16	58
177-	L58N + 100 E	<5	<.2	2.80	15	10	115	<5	.78	<1	17	30	52	3.46	.29	10	.71	780	<1	.02	26	250	10	5	<20	73	.16	<10	82	<10	15	85
178-	L58N + 150 E	<5	<.2	3.06	20	10	95	<5	1.81	<1	27	29	209	5.15	.14	10	1.31	600	<1	.03	27	490	8	5	<20	118	.19	<10	186	<10	16	53
179-	L58N + 200 E	<5	<.2	2.31	15	16	100	<5	.77	<1	15	32	43	3.06	.31	10	.71	634	<1	.02	26	360	6	<5	<20	80	.15	<10	67	<10	13	84
180-	L58N + 250 E	<5	<.2	2.49	15	10	115	<5	.82	<1	18	41	44	3.55	.26	10	.77	531	<1	.03	30	270	8	<5	<20	98	.18	<10	81	<10	16	75
181-	L58N + 300 E	30	<.2	3.77	20	10	115	<5	1.48	<1	32	23	530	6.47	.06	10	1.60	558	2	.03	25	120	10	5	<20	117	.16	<10	324	<10	14	62
182-	L58N + 350 E	<5	<.2	2.74	25	8	85	<5	2.34	<1	33	20	375	5.50	.05	10	1.62	560	<1	.04	22	450	10	<5	<20	132	.14	<10	277	<10	11	56
183-	L58N + 400 E	<5	<.2	2.97	35	14	95	<5	1.62	<1	26	14	372	4.84	.16	<10	1.00	698	1	.01	24	370	12	5	<20	90	.16	<10	182	<10	14	278
184-	L58N + 450 E	<5	<.2	2.36	35	10	70	<5	2.85	<1	28	17	366	5.22	.05	10	1.18	651	1	.02	23	480	14	5	<20	135	.17	<10	246	<10	14	89
185-	L58N + 500 E	<5	<.2	2.31	20	16	100	<5	1.61	<1	22	39	140	3.92	.09	10	1.18	555	2	.03	35	600	12	<5	<20	135	.20	<10	135	<10	18	62
186-	L58N + 550 E	<5	<.2	1.82	10	10	85	<5	1.66	<1	22	30	71	3.32	.10	10	1.30	769	<1	.04	49	680	12	5	<20	135	.16	<10	91	<10	15	66
187-	L58N + 600 E	<5	<.2	2.34	15	8	80	<5	1.04	<1	23	39	42	3.98	.10	10	1.53	553	<1	.05	56	400	10	5	<20	235	.24	<10	75	<10	20	65
188-	L58N + 650 E	<5	<.2	2.73	20	8	75	<5	1.14	<1	27	40	43	4.27	.10	10	1.56	634	<1	.05	65	320	12	5	<20	273	.29	<10	76	<10	22	70
189-	L58N + 700 E	<5	<.2	2.88	15	8	80	<5	1.00	<1	26	43	46	4.56	.08	10	1.85	446	<1	.05	74	240	12	5	<20	191	.29	<10	76	<10	23	68
190-	L59N + 00 E	<5	<.2	2.63	10	8	110	<5	.99	<1	17	28	68	3.38	.28	<10	.69	753	<1	.01	22	380	12	<5	<20	76	.15	<10	91	<10	13	81
191-	L60N + 00 E	<5	<.2	2.70	15	8	120	<5	.97	<1	19	33	70	3.98	.26	10	.88	628	<1	.02	28	330	10	5	<20	91	.17	<10	101	<10	14	68
192-	L60N + 50 E	<5	<.2	2.28	15	10	105	<5	1.54	<1	20	31	92	3.58	.18	10	1.20	552	<1	.04	33	820	12	5	<20	145	.17	<10	107	<10	15	61
193-	L60N + 100 E	<5	<.2	2.35	15	14	110	<5	1.51	<1	20	35	87	3.67	.15	10	1.26	546	<1	.05	35	830	12	<5	<20	160	.16	<10	108	<10	15	55
194-	L60N + 150 E	<5	<.2	2.64	20	10	90	<5	3.07	<1	31	15	230	5.31	.06	10	1.61	618	<1	.06	19	390	16	5	<20	148	.14	<10	249	<10	9	55
195-	L60N + 200 E	<5	<.2	2.81	5	6	140	<5	1.03	<1	19	40	71	3.60	.20	10	.96	601	<1	.03	31	220	14	<5	<20	134	.18	<10	96	<10	15	52
196-	L60N + 250 E	<5	<.2	2.37	5	8	135	<5	.85	<1	18	34	49	3.28	.21	10	.78	742	<1	.03	25	190	12	<5	<20	95	.16	<10	82	<10	14	57
197-	L60N + 300 E	<5	<.2	2.75	10	12	125	<5	1.18	<1	22	37	129	3.93	.16	10	1.61	549	<1	.04	43	370	10	5	<20	176	.17	<10	100	<10	17	59
198-	L60N + 350 E	<5	<.2	2.66	20	8	80	<5	2.75	<1	30	16	444	5.13	.05	10	1.41	523	1	.04	18	300	12	<5	<20	142	.14	<10	268	<10	10	52
199-	L60N + 400 E	<5	<.2	2.48	30	8	85	<5	1.97	<1	27	20	361	4.98	.09	10	1.21	623	<1	.03	22	360	14	5	<20	127	.15	<10	244	<10	12	76
200-	L60N + 450 E	<5	<.2	2.20	20	12	100	<5	1.34	<1	23	31	217	3.99	.19	10	1.05	631	1	.02	31	470	14	<5	<20	104	.13	<10	152	<10	11	79

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
201-	L60N + 500 E	<5	<.2	2.32	10	14	115	<5	1.90	<1	20	44	114	3.72	.10	10	1.33	557	<1	.04	41	560	10	5	<20	154	.16	<10	120	<10	15	54
202-	L60N + 550 E	<5	<.2	1.86	5	8	55	<5	.77	<1	19	44	36	3.33	.10	10	1.49	468	<1	.05	51	260	8	5	<20	130	.17	<10	79	<10	15	51
203-	L60N + 600 E	<5	<.2	2.09	10	10	80	<5	.89	<1	19	40	39	3.51	.16	10	1.11	521	<1	.04	44	340	10	5	<20	169	.19	<10	69	<10	17	53
204-	L60N + 650 E	<5	<.2	2.16	<5	8	85	<5	.72	<1	17	41	33	3.46	.24	10	.82	442	<1	.03	37	240	10	<5	<20	121	.19	<10	61	<10	17	67
205-	L60N + 700 E	<5	<.2	2.17	5	10	80	<5	1.03	<1	18	35	49	3.21	.28	10	1.09	547	<1	.03	43	370	10	5	<20	171	.18	<10	57	<10	15	73
206-	L61N + 00 E	<5	<.2	2.42	5	8	140	<5	.82	<1	18	37	55	3.39	.24	10	.98	654	<1	.03	36	400	10	5	<20	118	.15	<10	69	<10	15	60
207-	L62N + 00 E	<5	<.2	2.27	10	6	135	<5	.78	<1	15	29	51	2.79	.32	10	.62	792	<1	.02	24	340	10	<5	<20	94	.14	<10	60	<10	14	73
208-	L63N + 00 E	<5	<.2	2.16	10	8	165	<5	.89	<1	16	34	59	3.06	.37	10	.75	898	<1	.02	30	550	12	<5	<20	135	.14	<10	71	<10	14	72
209-	RAC 1	<5	<.2	1.35	5	6	90	<5	.40	<1	9	27	12	2.13	.10	<10	.29	240	<1	.02	11	320	10	<5	<20	71	.15	<10	53	<10	7	44
210-	RK1 00 M	<5	<.2	2.21	10	6	125	<5	.81	<1	16	50	62	3.32	.06	10	1.03	475	1	.02	42	500	10	<5	<20	81	.12	<10	78	<10	12	54
211-	RK2 100 M	<5	<.2	1.55	5	6	110	<5	.46	<1	12	42	19	2.20	.06	<10	.49	471	<1	.01	35	1040	10	<5	<20	32	.13	<10	51	<10	7	96
212-	RK3 200 M	<5	<.2	2.41	10	4	90	<5	.84	<1	13	34	61	2.51	.07	<10	.69	363	<1	.02	24	170	12	<5	<20	53	.11	<10	58	<10	10	51
213-	RK4 300 M	<5	<.2	2.38	15	6	115	<5	.78	<1	13	22	52	3.54	.06	<10	1.22	512	<1	.01	19	450	10	5	<20	59	.06	<10	81	<10	8	52
214-	RK5 400 M	<5	<.2	2.51	15	4	90	<5	1.23	<1	15	31	59	3.12	.03	<10	1.17	464	<1	.04	21	360	10	<5	<20	87	.07	<10	84	<10	7	41
215-	RK6 500 M	<5	<.2	2.54	10	8	105	<5	1.02	<1	15	43	55	3.05	.05	<10	.88	347	<1	.03	30	110	12	<5	<20	76	.10	<10	76	<10	8	40
216-	RK7 600 M	<5	<.2	3.29	15	6	165	<5	1.35	<1	17	57	71	3.48	.08	10	1.13	455	<1	.03	46	450	10	<5	<20	108	.12	<10	88	<10	10	52
217-	SS1 00 M	<5	<.2	1.88	10	6	95	<5	.51	<1	10	30	22	2.26	.06	<10	.39	448	<1	.01	21	340	10	<5	<20	34	.11	<10	46	<10	7	71
218-	SS2 100 M	<5	<.2	1.72	10	6	155	<5	.49	<1	9	26	15	1.79	.09	<10	.33	453	<1	.01	23	1600	10	<5	<20	39	.09	<10	37	<10	5	173
219-	SS3 200 M	<5	<.2	2.84	10	8	95	<5	.98	<1	14	35	62	2.71	.07	<10	.67	557	<1	.02	32	210	12	<5	<20	61	.08	<10	51	<10	9	76
220-	SS4 300 M	<5	<.2	1.46	5	6	75	<5	.51	<1	10	20	13	2.37	.11	<10	.35	265	<1	.02	14	320	10	<5	<20	94	.16	<10	43	<10	9	49
221-	SS5 400 M	<5	<.2	1.96	5	4	95	<5	.57	<1	14	40	17	3.18	.18	<10	.63	246	<1	.01	23	370	12	<5	<20	129	.18	<10	59	<10	10	51
222-	SS6 500 M	<5	<.2	2.09	10	4	100	<5	.75	<1	11	40	25	2.43	.10	20	.59	233	<1	.01	22	370	14	<5	<20	139	.08	<10	57	<10	15	40
223-	SS7 600 M	<5	<.2	1.28	5	4	125	<5	.47	<1	7	24	12	1.67	.13	<10	.29	511	<1	.01	13	430	10	<5	<20	65	.15	<10	37	<10	9	89

NOTE: SAMPLE BAG LABELLED: 51N + 400E WAS RECEIVED EMPTY

< = LESS THAN

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

SC93/KAMISC1

APPENDIX IV

REFERENCES

Antal, J.W., November 25, 1969:
Geology T Claims. Assessment Report No. 2532.

Ashton, J.M., August 30, 1990:
VLF-EM and Magnetic Survey of the Burgoyne Group of Mineral Claims. Assessment Report.

Burgoyne, A.A., October 31, 1969:
Copper Geochemical Soil Survey, Mineral Claims T1-T28. Assessment Report No. 2533.

Gale, R.E., April 21, 1992:
Summary Report and Recommendations, Ashton Copper Prospect; for Kingston Resources Ltd.

McMillan, W.J., July 1993:
Personal Communication.

Monger, J.W.H., 1989:
GSC, Geology Map 42-1989 and accompanying notes.

Monger, J.W.H., June 1993:
Personal Communication.

Parrish, R.R. and Monger, J.W.H., 1992:
New U-Pb dates from southwestern British Columbia; in Radiogenic Age and Isotopic Studies: Report 5; GSC, Paper 91-2, p. 87-108.

APPENDIX V

STATEMENT OF QUALIFICATIONS

I, Scott W. Smith, of 845 East 31st Avenue, Vancouver, BC, V5V 2X2, declare:

1. I am a Professional Geologist, residing at the above address.

2. I graduated from the University of Alberta with a Bachelor of Science (Spec. Geology) degree in 1988.

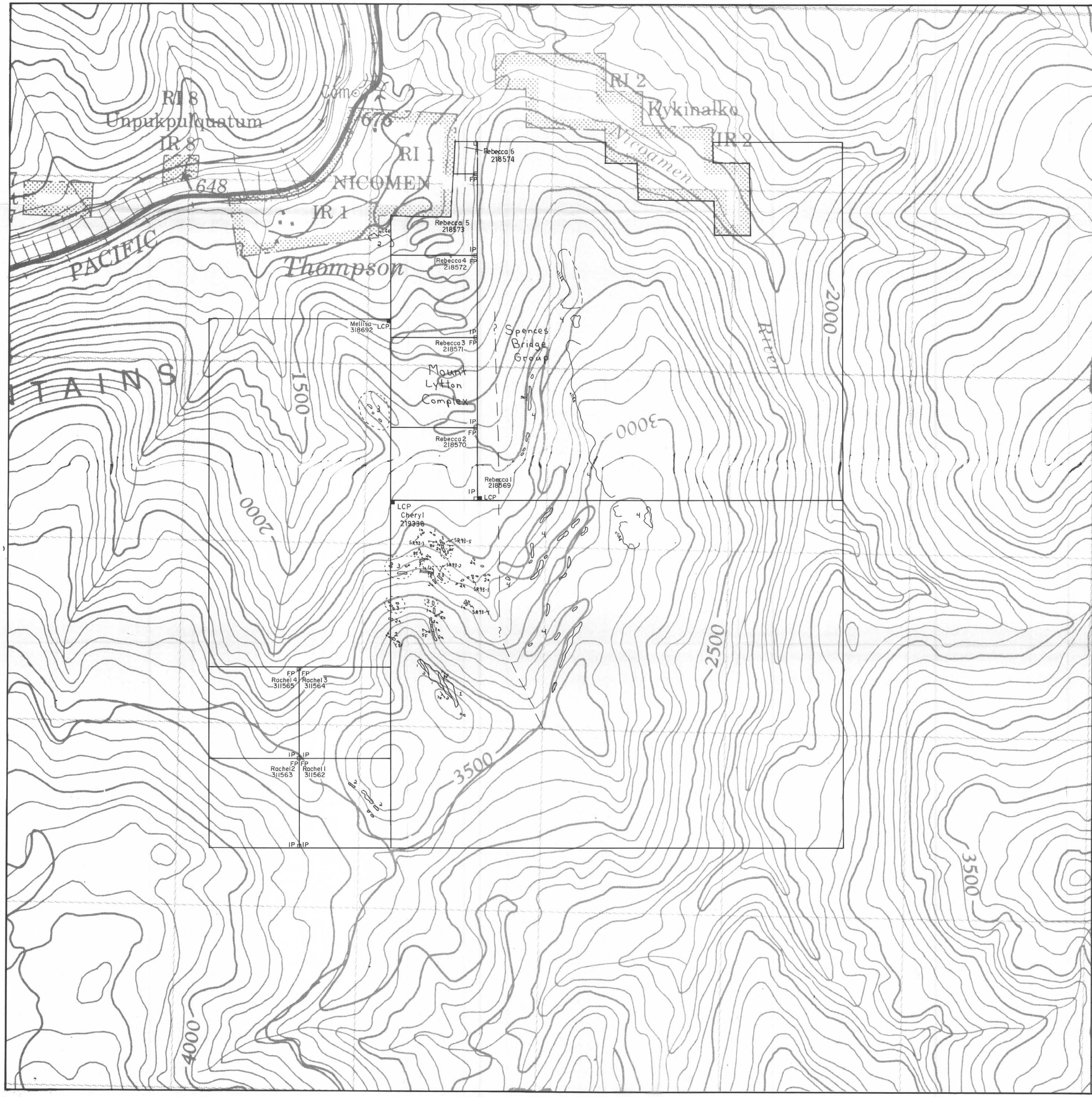
3. I have been practising my profession as a geologist for five years.

4. I am a member in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

5. This report is based on my personal field examination of the property.

Dated at Vancouver, British Columbia,
this 20 day of September 1993.

Scott W. Smith, P. Geol.



LEGEND

- ■ Legal Corner Post
- □ Initial Post/Final Post
- Claim Boundaries
- Rebecca1 218569 Claim Name & Tenure Number
- Highway
- Allseason Gravel Road
- Outcrop
- Trench (1969)
- Bedding/Contact (strike + dip)
- Fault/Shear (strike + dip)
- Geological contact (assumed)
- Area of diorite dykes/plugs
- SR93-1 Grab Sample

Geology

Cretaceous (Spences Bridge Group)

- 4 Reddish volcanic flows + pyroclastics of Spences Bridge Group

Triassic (Mount Lytton Complex)

- 3 Diorite - fine to med grained, with mod to strongly diss magnetite, locally strongly altered by epidote
- 2 Volcanics - fine to med grained green andesitic tuff, commonly limy
- 2a Moderate to Strongly altered volcanics - epidote, chlorite and calcite veining py +/- cpy
- 1 Limestone - massive to thinly bedded, interbedded with 2
- 1a Altered Limestone - calc silicate with epidote, chlorite + garnet alteration locally py, cpy

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,028

SCALE 1:10000

0 100 200 300 500 1000

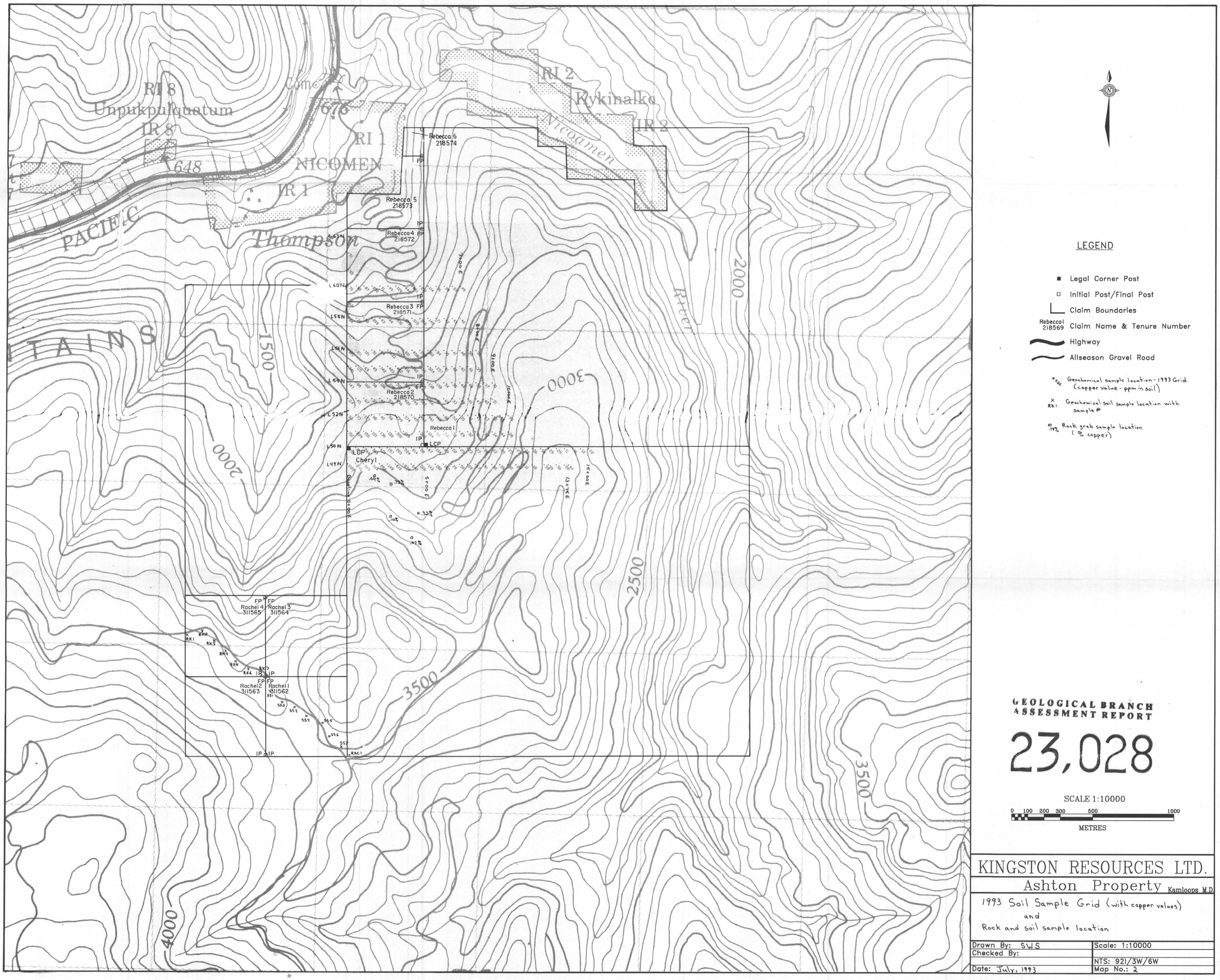
METRES

KINGSTON RESOURCES LTD.

Ashton Property Kamloops M.D.

Geology (1993) and Rock Sample Locations

Drawn By: SWS	Scale: 1:10000
Checked By:	NTS: 92I/3W/6W
Date: July, 1993	Map No.: 1



LEGEND
Legal Corner Post
Initial Post/Final Post
Claim Boundaries
Rebecca1 218569 Claim Name & Tenure Number
Highway
Allseason Gravel Road
Geochemical sample location - 1993 Grid (copper value - ppm in soil)
Geochemical soil sample location with sample #
Rock grab sample location (% copper)
GEOLOGICAL BRANCH ASSESSMENT REPORT
23,028
SCALE 1:10000
0 100 200 300 500 1000
METRES
KINGSTON RESOURCES LTD.
Ashton Property Kamloops M.D.
1993 Soil Sample Grid (with copper values)
and
Rock and soil sample location
Drawn By: SWS
Checked By:
Date: July, 1993
Scale: 1:10000
NTS: 92I/3W/6W
Map No.: 2
Rebecca 6 218574
Rebecca 5 218573
Rebecca 4 218572
Rebecca 3 218571
Rebecca 2 218570
Rebecca 1
LCP
Cheryl
Rachel 4 311565
Rachel 3 311564
Rachel 2 311563
Rachel 1 311562
L60N
L58N
L56N
L54N
L52N
L50N
L49N
RI 8
Unpukpulquatum
IR 8
RI 1
NICOMEN
IR 1
RI 2
Kykinalko
IR 2
Nicoamen
Thompson
PACIFIC
River