GEOCHEMISTRY REPORT FOR THE

HUMUS SURVEY ON GRID LINES FOR

SUB-PROPERTIES I-7, I-8, I-9, I-10,

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Nikki Ray

April 28/84
EJ Clark.

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1.1 INTRODUCTION

PURPOSE:

The White River Property has been the target for an extensive geochemical sampling program. The primary purpose of the surveys conducted was to detect anomalous Au concentrations. These anomalies when detected would serve as starting points for further explorations.

BACKGROUND:

Tests to date (primarily on the William's Property) indicate that humus is generally the best horizon to sample in this environment. Basal till sampling is also successful and is used under varibus circumstances on the White River Property. Further work suggests that Au in this environment will be the best indicator of its own deposits due to the lack of consistant correlations with other elements.

The grid sampling of this property for humus in 1983 represents the main thrust of the geochemistry carried out to date. This work represents a portion of a larger grid sampling program conducted in 1982-1983. This survey was conducted on a cut grid with lines 100 meters apart and 25 meter stations. This systematic coverage provides approximately 48 stations per mining claim. It is probable that systematic grid coverage of Lac Minerals $\simeq$ 660 claim block will continue into 1984. The information gained so far provides information for a continuing geochemical, geological and geophysical exploration program.

This grid coverage was preceded by a substantially larger interval reconnaissance surface sampling program completed in 1982-1983. The 1982 portion of this survey included "B" horizon sample collection (not yet assayed). Au anomalies from this program were not followed up by J. Hill in this area due to the presence of the cut grid.

1.1 REFERENCES

For a complete list of all geochemistry work done to date on the Lac Minerals White River Property.

Consult:

Williams and White River Geochemistry

Reports and Maps

M.I. Johnson

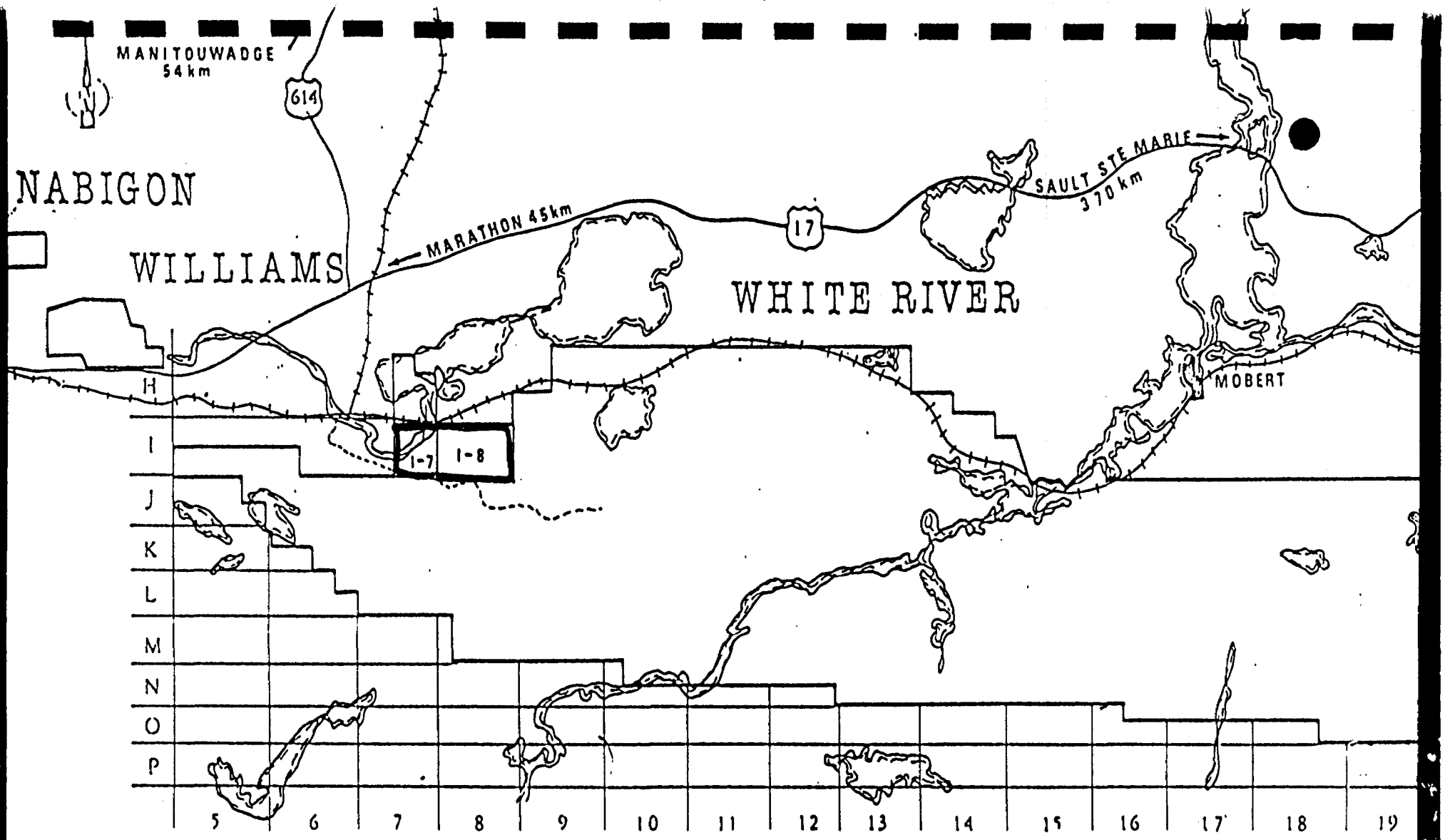


FIGURE 1

LAC MINERALS LTD
HEMLO LAND HOLDINGS

Scale

0 2" = 5km (approx) 5 10km

1.2 LOCATION

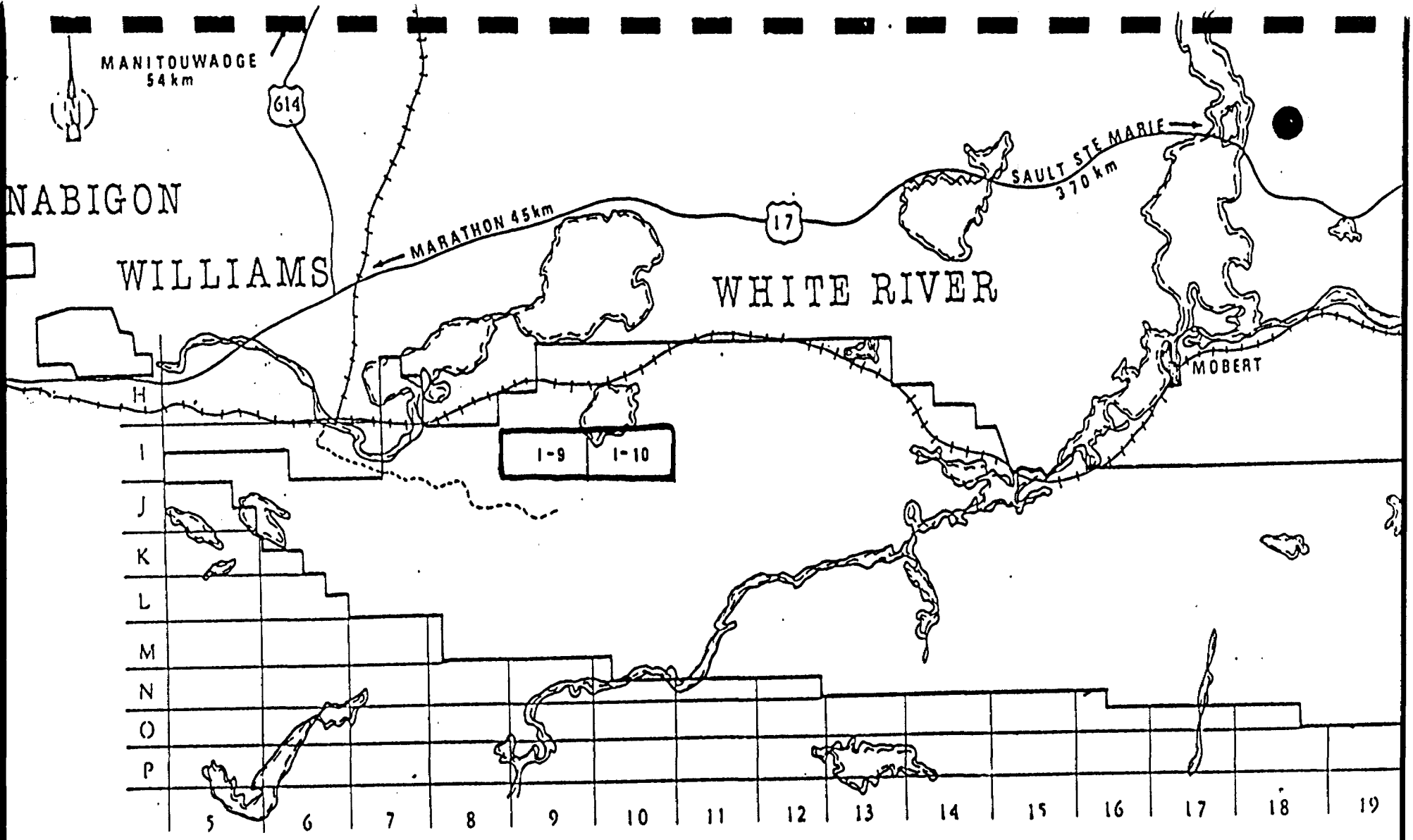


FIGURE 2

LAC MINERALS LTD
HEMLO LAND HOLDINGS

Scale

0 2"=5km. 5 10km

1.2 LOCATION

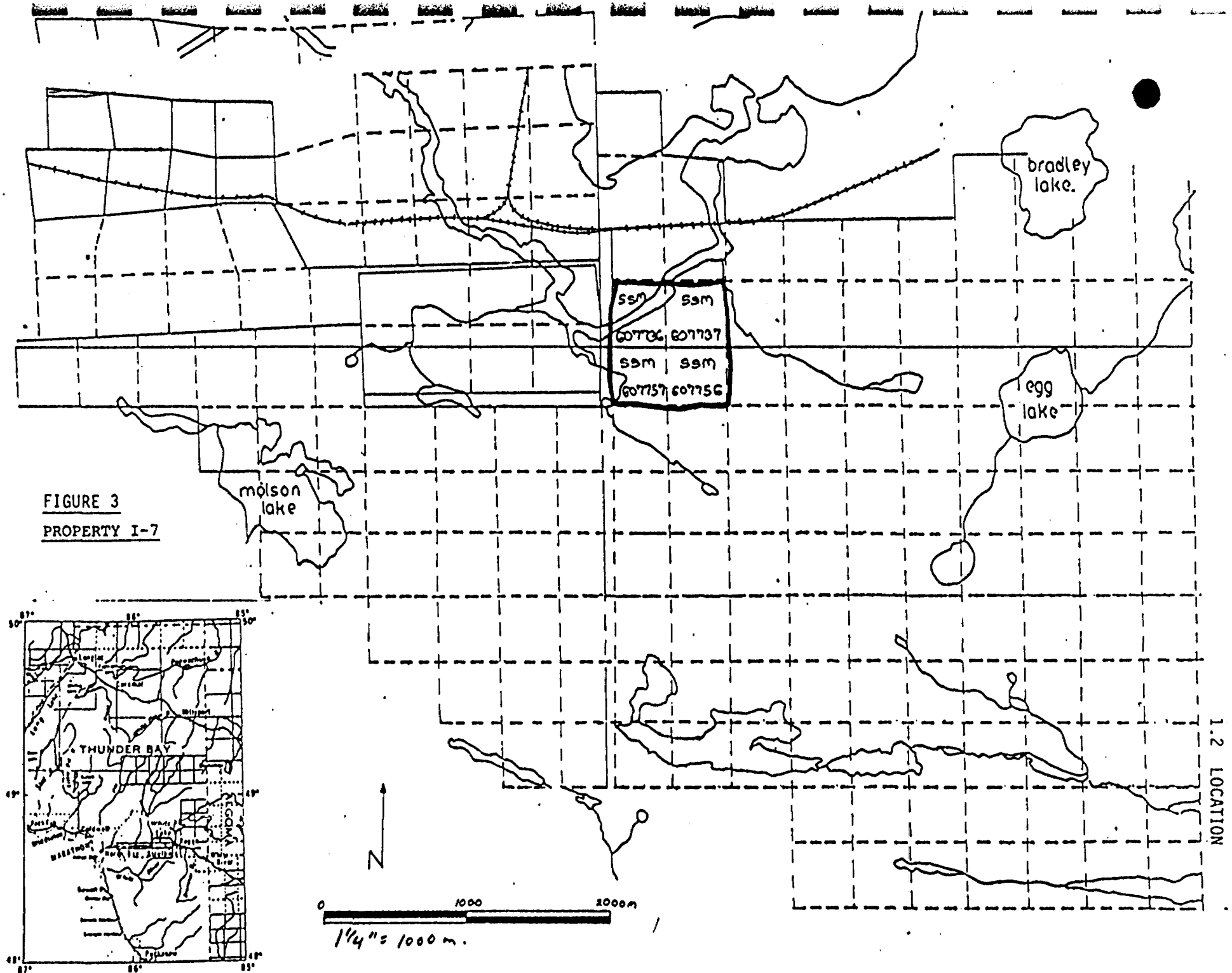


FIGURE 3

PROPERTY I-7

1.2 LOCATION

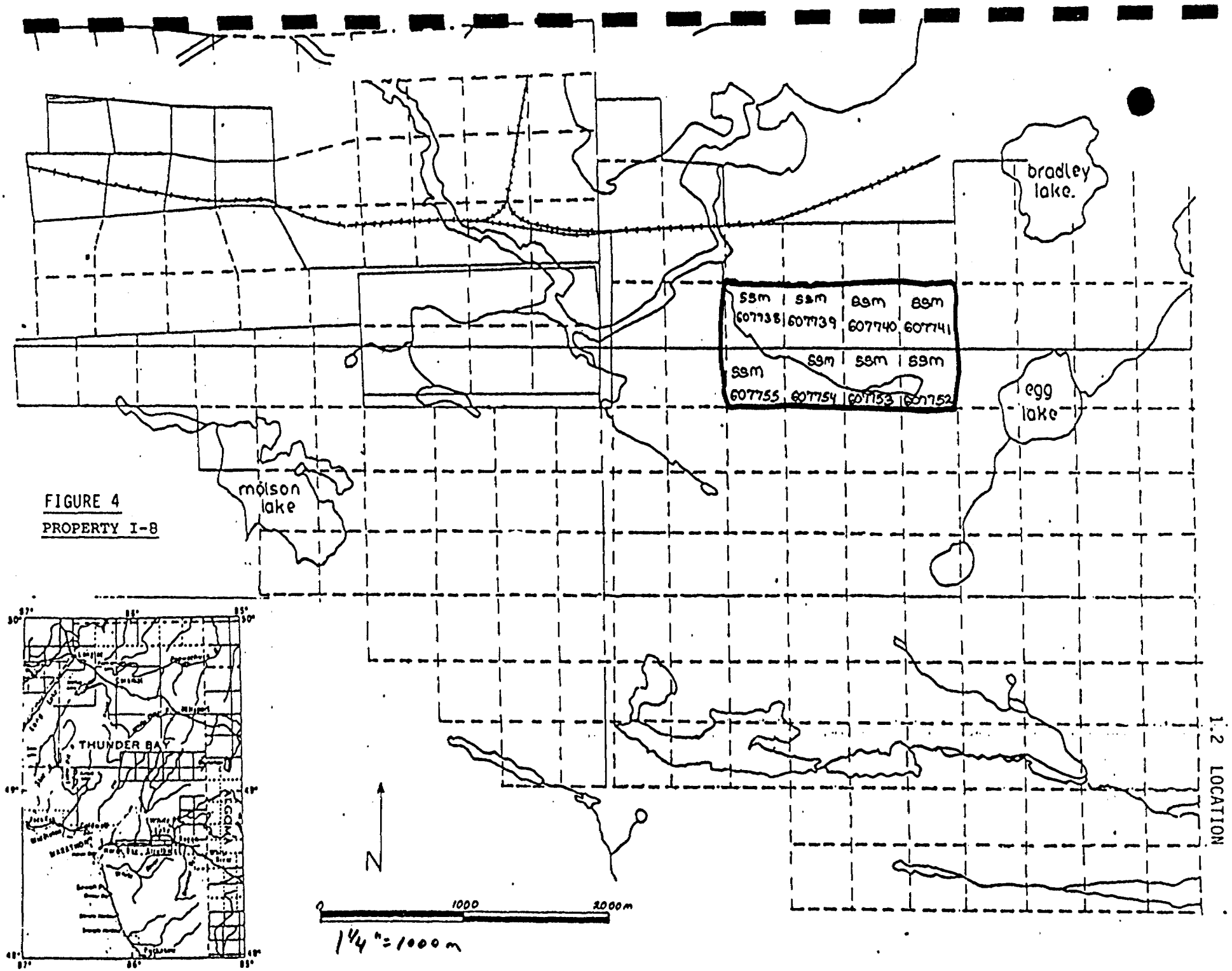


FIGURE 4

PROPERTY I-8

1.2 LOCATION

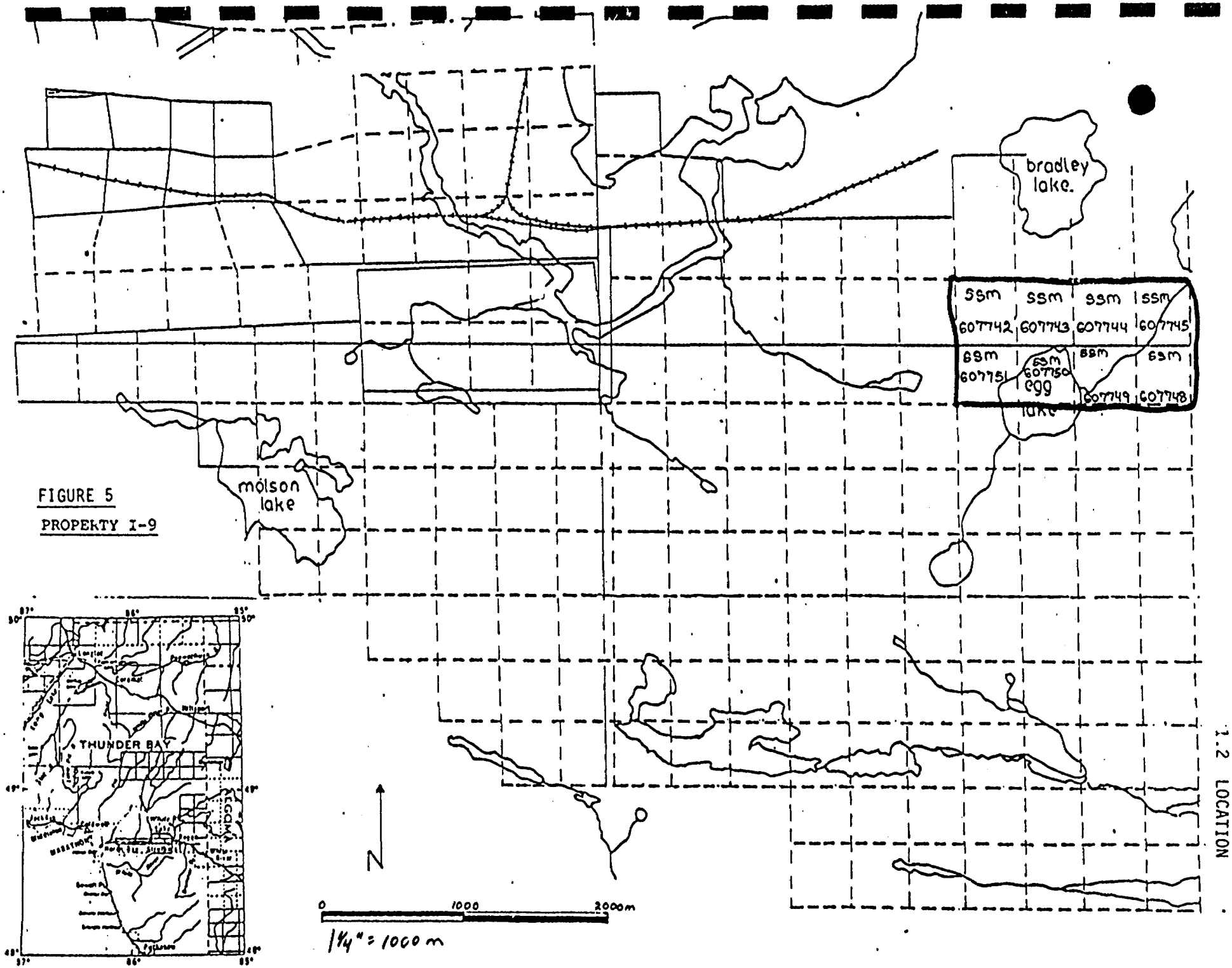


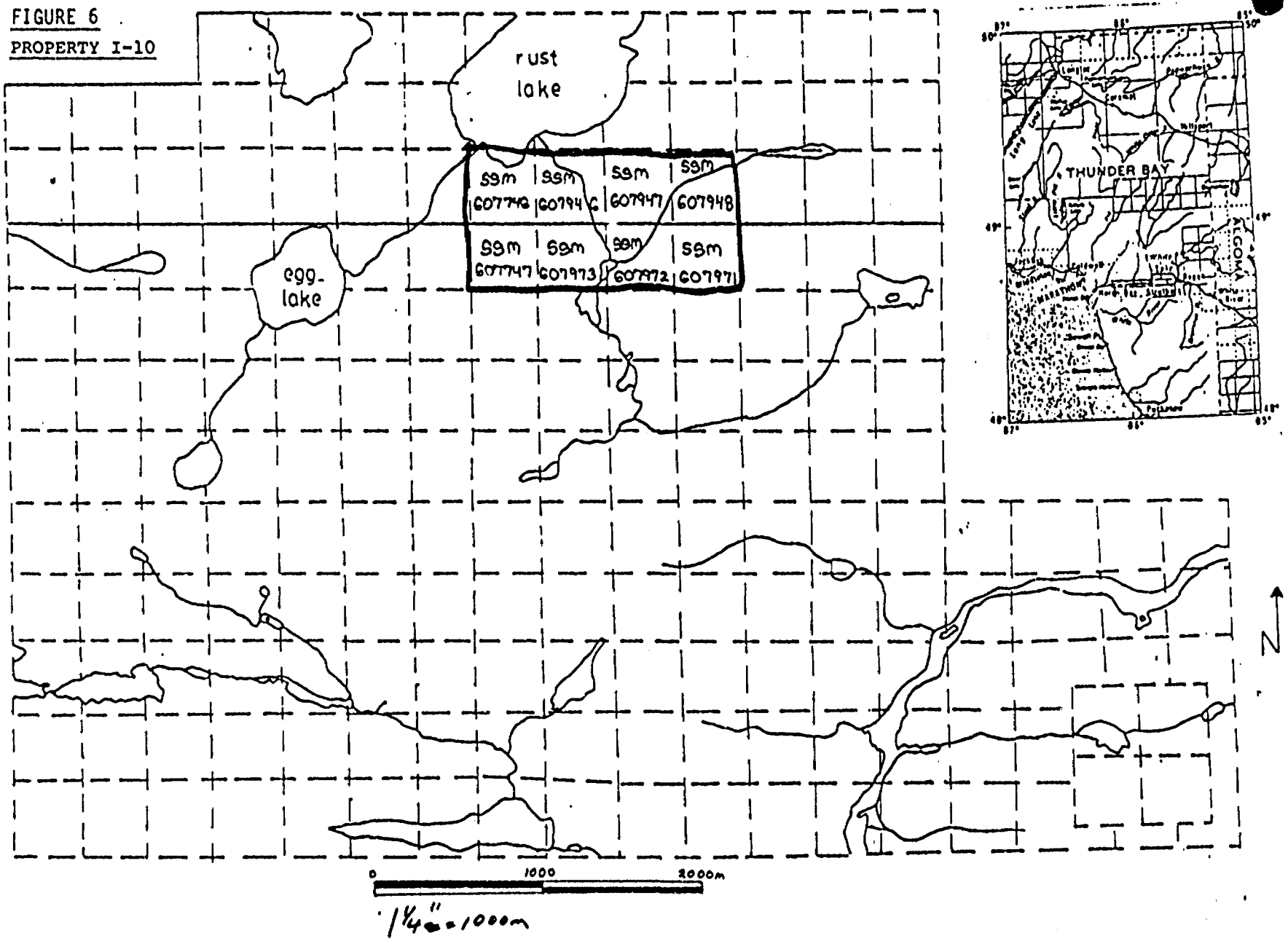
FIGURE 5

PROPERTY I-9

1.2 LOCATION

FIGURE 6

PROPERTY I-10



1.2 LOCATION

1.2 LOCATION

Sub-properties I-7, I-8, I-9 and I-10 lie adjacent to each other in an east west configuration. (See figures 1,2).

These sub-properties form a portion of Lac Minerals White River Group. The White River group has been sub-divided into ≃90 smaller sub-properties. I-7, I-8, I-9 and I-10 are sub-properties in this larger group.

The White River Property is located in the "Hemlo Mining Camp" and is specifically located south and east of the known ore bodies. The property as a whole lies south of the C.P. rail line and extends from Molson Lake to Regean Road. The approximate shape of the property is 23 kilometers (east-west) by 5 kilometers (north-south).

The claims covered in this report are:

FIGURE #7

Property I-7 (four claims)

607757
607756 are fully covered

607736
607737 partially covered

The last two claims listed have coverage only on their southern edge.

Property I-8 (eight claims)

607755
607754
607753 fully covered
607752

607738
607739
607740 partially covered
607741

The last four claims are only covered on their southern edge.

Property I-9 (eight claims)

607751
607750
607749 fully covered
607748

607745 is partially covered

1.2 LOCATION (Continued ...)

Property I-9 (Continued)

607744
607743 are only covered on their southern edge.
607742

Property I-10 (six claims)

607972
607973
607746
607747

607971
607948 partially covered

1.2 LOCATION AND ACCESS

All of these claims are easily reached by driving in from the Struthers Crossing of the C.P. rail line on a gravel road built by Lac Minerals.

1.3 OTHER EXPLORATION WORK

Lac Minerals conducted reconnaissance geochemistry, grid geochemistry, geological mapping and line cutting in 1982.

In 1981 an airborne geophysical survey was conducted. In 1982 - 1983 the following geophysical surveys were completed. VLF, Mag, I.P., Basal till sampling was conducted over I.P. conductors. In addition to this a number of drill holes were located in the area.

I-7 - 1 drill hole

I-8 - 6 drill holes

I-9 - 2 drill holes

These holes were bored in 1983 or 1984.

2.0 SOIL ENVIRONMENT

2.1 TOPOGRAPHY AND VEGETATION

Samplers report on the following factors; horizons sampled, horizon description, depth of sampling, drainage, vegetation type and density, topography.

Most of the area covered by this grid is low land covered with a spruce bog. The ground cover is sphagnum moss of varing depths which at times appeared to be floating. Low density stands of spruce occured in this environment. Labrador tea and alders were also associated with these low lands. The higher ground (generally the southern area) was covered with heavy stands of mixed bush. Balsam fir, spruce, birch, and poplar generally stand together in varing concentrations.

2.2 SOIL

The higher ground had a podzolic formation. The low ground when organic cover was shallow enough appeared to have a gleisol type development.

2.2 SOIL

SOIL - GENERAL DESCRIPTION

The predominant soil type for the White River Property is a distinct podzol. In this type of formation the "Ao" horizon is well formed and generally free of any mineral matter. The humus ranges between 2-10 centimeters in depth. Generally thinner humus is found on higher better drained ground.

The material forming the mineral strata varies in degree of sorting and fraction size. Generally it is of sandy composition with some silt. The zone of eluviation A^2 is white grey and is 1-2 centimeters thick. The zone of illuviation (B horizon) can easily be subdivided into B_1 and B_2. The B_1 is distinct and approximately 10 centimeters in depth. Ferrohumic enrichment imparts a rich colouration ranging from brown to orange. The B_2 is a wider horizon often a dull yellow brown ranging from 10-100 centimeters thick above a C horizon consisting of till.

The low land areas are characterized by a thick peat development (10-100 centimeters) above a gleisol type formation. These water soaked low lands create a reducing environment which causes this type of formation.

Overburden drilling and trenching show that soil can range in depth from 0-20 meters with several meters being the norm. Specific reports will contain overburden information when available.

The overburden has been subjected to glaciation and in some cases fluvial deposits exist. Reworking of glacial tills makes the task of interpreting results of geochemical surveys more difficult.

2.2 SOIL

SOIL HORIZON - NOMENCLATURE

In some reports on the White River Property the organic horizon had been referred to "technically" as the L-H horizon and generally as the "A" horizon.

Some confusion exists in the soil sciences as to the nomenclature of soil horizons. The Canada Department of Agriculture uses an excellent descriptive type nomenclature which is ideally suited for describing Canadian soil formations. This system is used by many soil scientists. The mineral exploration industry often uses the nondescriptive system attributed to Hawkes and Webb. This system is a poor one for use on organic horizon sampling programs in Shield environments. Using the Hawkes and Webb system the "A" horizon does not grade organic matter plus it includes the mineral strata (leach zone). The systems are parallel from the "B" horizon down to rock (Fig. 2).

It should be noted that only the humus was ever sampled in this program and "A" horizon refers only to the Ao portion of this horizon. Leach material (A_2) was not to be present in the sample.

2.2 Soil. - General Description. (Nomenclature)

- not to scale sketch of a podzol formation.

Nomenclature. Hawkes + Webb		Top of Overburden	Nomenclature. Canada Department of Agriculture	
	Ao	Litter	L	
	Ao	Intermediate Original matter partially destroyed	F	L-H Horizon
A Horizon.	Ao	Humus (fully decomposed)	H	
		Top of Mineral Soil.		
	A2	zone of eluviation.	Ae	A Horizon.
B horizon.	B1	zone of maximum illuviation accumulation of iron and sesqui oxides.	Bf	B horizon
	B2	less enriched then the B1	Bm	
C - Horizon.		Mineral horizon comperatively unaffected by pedogenic process.	C - Horizon.	

FIGURE #2

2.3 GEOLOGY

REGIONAL GEOLOGY

The White River claim group is underlain by sedimentary rocks, mafic and intermediate flows and tuffaceous rocks which comprise the Schreiber - Marathon greenstone belt. The greenstone belt is intruded by large granitic plutons with associated gneissic assemblages and mafic to felsic dykes and sills.

The units strike approximatley 300° at the western part of the claim group, 270° at the central part of the claim group, and range between 340° in the northeastern and 290° in the southeastern part of the claim group. Rock units dip 45° north but in places vary from almost horizontally dipping to steeply south dipping.

West of the White River claim group, mineral assemblages in volcanic and sedimentary rocks indicate upper greenschist facies regional metamorphism (Muir, 1982).

3.0 GEOCHEMISTRY

3.1 FIELD STAFF —

Six staff members completed the sampling. C.L. Marshall, Heather Kennedy, Mike Perkins, Mike Kahu, Ron Watson and Ed Clark.

3.2 FIELD TECHNIQUES

Sampling was conducted in 1982. For technique consult - 3.2 Grid 1982.

Amount of Kilometers Sampled Per Claim

PROPERTY	CLAIM NO.	KILOMETERS
I-7	607736	.270 km
	607737	.360 km
	607757	1.625 km
	607756	2.260 km
	TOTAL FOR I-7	4.515 km
I-8	607738	.160 km
	607739	.170 km
	607740	.180 km
	607741	.100 km
	607755	1.690 km
	607754	1.700 km
	607753	2.225 km
	607752	1.870 km
	TOTAL FOR I-8	8.095 km
I-9	607742	.070 km
	607743	.060 km
	607744	.050 km
	607745	.510 km
	607751	1.750 km
	607750	1.725 km
	607749	.900 km
	607748	2.470 km
	TOTAL FOR I-9	7.535 km
I-10	607746	.815 km
	607946	1.130 km
	607947	1.100 km
	607948	.400 km
	607747	1.930 km
	607973	1.530 km
	607972	1.230 km
	607971	.470 km
	TOTAL FOR I-10	8.605 km
TOTAL FOR I-7, I-8, I-9, I-10		28.750 km

3.2 TECHNIQUES

SAMPLING SUMMARY

I-7

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO PREVIOUS SAMPLING	PORTION OF CLAIM WITH GRID LINES	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR ELEMENTS
607736	9	2	0	18%	11	4 Au/Mo/Cu/Zn
607737	17	0	0	18%	17	4* Au/Mo/Cu/Zn
607757	62	4	0	100%	66	4 Au/Mo/Cu/Zn
607756	92	0	0	100%	92	4 Au/Mo/Cu/Zn
TOTAL FOR I-7	180	6	0		186	
AVERAGE PER CLAIM	45	1.5	0	59%	46.5	

* Standards assigned a number found within this claim.

3.c TECHNIQUES

SAMPLING SUMMARY

I-8

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO PREVIOUS SAMPLING	PORTION OF CLAIM WITH GRID LINES	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR ELEMENTS
607738	11	0	0	18%	11	4 Au/Mo/Cu/Zn
607739	6	0	2	15%	8	4 Au/Mo/Cu/Zn
607740	4	2	4	13%	10	4 Au/Mo/Cu/Zn
607741	8	0	0	9%	8	4 Au/Mo/Cu/Zn
607755	60	0	7	100%	67	4 Au/Mo/Cu/Zn
607754	57	0	12	100%	69	4 Au/Mo/Cu/Zn
607753	49	11	35	93%	95	4 Au/Mo/Cu/Zn
607752	67	11	0	94%	78	4 Au/Mo/Cu/Zn
TOTAL FOR I-8	259	24	60		346	
AVERAGE PER CLAIM	32	3	7.5		43	

* Standards assigned a number found within this claim.

SAMPLING SUMMARY

I-9

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO PREVIOUS SAMPLING	PORTION OF CLAIM WITH GRID LINES	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR / ELEMENTS
SM 607742	3	0	1	7.6%	4	4 Au/Mo/Cu/Zn
607743	5	0	1	3%	6	4 Au/Mo/Cu/Zn
607744	2	0	0	11%	2	4 Au/Mo/Cu/Zn
607745	18	0	4	48%	22	4 Au/Mo/Cu/Zn
607751	44	9	29	95%	82	4 Au/Mo/Cu/Zn
607750	50	45	11	61%	106	4 Au/Mo/Cu/Zn
607749	15	0	28	100%	43	4 Au/Mo/Cu/Zn
607748	79	0	19	100%	98	4 Au/Mo/Cu/Zn
TOTAL FOR I-9	216	54	93		363	
AVERAGE PER CLAIM	27	7	11	53%	45	4 Au/Mo/Cu/Zn

* Standards assigned a number found within this claim.

5.c TECHNIQUES

SAMPLING SUMMARY

I-10

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO PREVIOUS SAMPLING	PORTION OF CLAIM WITH GRID LINES	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR ELEMENTS
607746	18	0	14	87%	32	4 Au/Mo/Cu/Zn
607946	42	1	2	100%	45	4 Au/Mo/Cu/Zn
607947	43	2	0	100%	45	4 Au/Mo/Cu/Zn
607948	16	0	0	17%	16	4 Au/Mo/Cu/Zn
607747	61	0	19	100%	80	4 Au/Mo/Cu/Zn
607973	41	2	19	100%	60	4 Au/Mo/Cu/Zn
607972	36	0	15	100%	51	4 Au/Mo/Cu/Zn
607971	20	0	0	20%	20	4 Au/Mo/Cu/Zn
TOTAL FOR I-10	277	5	69		349	
AVERAGE PER CLAIM	34				44	

* Standards assigned a number found within this claim.

3.2 FIELD TECHNIQUES: Grid - 1983

Grid sampling was limited to the organic horizon. Samplers were instructed to collect humus samples, furthermore, they were instructed to collect the deepest most humified material. Samplers avoided picking up any of the material fraction (leach) with the organic sample. This was easily done due to the podzolic nature of the soil.

Sampling was carried out at picketed stations on a cut grid. The grid spacing was 100 meters between lines and 25 meters between stations.

Samplers used a mattock to obtain samples which were collected in large Kraft sample bags (5x10 inches) for the first half of 1983. Because of availablity problems some properties were sampled using a smaller sample bag (4x6). This switch caused no apparent problems - sample size at all times was sufficient for assaying. The sample bags were marked in the field using felt tipped markers. The sample bags collected in 1983 were stored indoors on wooden slat shelving and dried with heat from fuel oil and/or electric heaters. A fan was used to provide a more even heat and to increase the drying rate. The bags were stored from several days to about two weeks (average one week) at which time they were placed in cardboard cartons and shipped to Ottawa via Purolator. The samples were generally quite dry when shipped.

RECON (1982):

Sampling was indentical to 1983 Grid except for the collection of both humus and "B" horizon samples. The upper layer of the "B" (B^1) is the zone of maximum illuviation and is the target for "B" sample collection in this program. Also the sampling interval was 30 meters x 400 meters (claim lines) and samples were air/sun dried.

GRID 1982

Similar in techniques to "Reconnaissance 1982" and similar in coverage to "Grid - 1983", "Grid 1982" differs from "Grid 1983" in the following ways. "B" horizon samples were collected simultaneously with the "A" horizon samples and stored at Cedar Lake Camp. Also grid lines assumed to be near reconnaissance lines were not sampled. The concept was that the area had been already covered. This technique was abandoned for the 1983 season.

3.3 LABORATORY SUMMARY

All samples were sent to Bondar Clegg and company in Ottawa for Analysis. The samples were assayed for Au, Mo, Cu, Zn. The analytical techniques are listed in appendix ix ii.

ANALYTICAL TECHNIQUES - Au

During 1982 "Fire Assay - AA" was used. During later periods "Fire Assay - Carbon Rod" was used. Those doing interpretations should consider the possibility of a slightly different response using the different techniques.

All the samples in this report were assayed using "Fire Assay - AA".

4.0 DATA

4.1 RESULTS

For a list of assay data refer to the appendices by sub-property.

I-7 - Appendix iii

I-8 - Appendix iv

I-9 - Appendix v

I-10 - Appendix vi

4.2 SUMMARY OF RESULTS

I-7

Cu - two values above 90ppm were found. One at 3+25N on L11W and one on L8W at 4+ooN. These anomalies appear to be haloed by weaker values.

Au, Mo, Zn - no significant anomalies

I-8

Au, Mo, Cu, Zn - no significant anomalies

I-9

Au, Mo, Cu, Zn - no significant anomalies

I-10

Au, Mo, Cu, Zn - no significant anomalies

5.0 DISCUSSION, CONCLUSION AND RECOMMENDATIONS

It should be noted that much of the northern part of the grid was entirely covered with a very wet spruce bog. Overburden depths were very significant in this area. These facts would suggest that this area is not a good area for using this type of technique. However, the southern portion of these sub-properties is generally higher ground and the techniques should be operative here. No gold values of merit were found in the humus survey. Cu values give rise to some interest in property I-7.

APPENDIX i

Soil Samplers Card

and Decoding Key

see attached key

Example Only - No specific information.

Soil Samplers Field Notes Recording Card

Project: White River Area (NTS): L 33 TOOE Photo No.: 1/6 Collector: E. CLARK C. MARSHALL Date: OCT 10/85

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
			3	3	+	0	0	E		2	5	+	0	0		N										A	H	7	B	L	0	5				1	5		S
0	4	5	F			0	5	5	0	B		2																											
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

GEOCHEMICAL SOIL CARD — Well Drained — BONDAR-CLEGG & COMPANY LTD.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
										2	5	+	2	5		N										A	H	5	B	L	0	4				1	5		S
0	5	0	S	F		0	5	0	0	B		2																											
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

REMARKS: rising up hill

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
										2	5	+	5	0		N										A	H	3	D	B	0	3				0	3		S
6	0	S	F			0	4	0	0	B		2																											
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

REMARKS: rolling topography, shallow soil to bedrock, extensive outcrops in area sampled on ridge top

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
										2	5	+	7	5		N										H	H	6	B	L	0	2				1	0		E
5	0	S	F			0	5	0	0	B		2																											
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

REMARKS:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
										2	6	+	0	0		N										A	H	3	B	L	0	3				0	2		S
7	0	S	F			0	3	0	0	B		3																											
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

REMARKS: Top of 5° South Slope

Decoding Key for Soil Samplers Field Notes
(recorded on 80 place computer cards)

Headings

Project: White River, Williams, etc.
Area: Line # or grid line #.
Photo: Page # in daily series.
Collector: Names of partners.
Date: Date sample was collected

Type of Sampling

Claim Line

space	
1-2	C.L.
3-6	line number ###* (direction)
7-14	claim post number *###### mining claim number
15-19	distance from post in meters ####* (direction)
20-23	distance off claimline ###* (direction)
24-26	station number (###)

Grid Line

space	
1-2	name of grid. ##
3-9	line number # ###+##* (direction)
10-12	distance from baseline ###+###* (direction)
18-26	blank

Humus Sample

27	(A) if A horizon sample taken
28	(H) Humus or (P) peat
29	(#) humification index: 1-9

Colour of Humus

30-31	BL = black or (BR) brown LB = light brown MB = medium brown DB = dark brown
34-36	Blank

Topography

37-40	##** slope in degrees and direction in compass point ie. NW

Vegetation

41-46	### *** Percent conifers followed by principle tree types P = pine, S = spruce, C = cedar, F = fir, T = tamarack
47-52	### *** Percent decidous followed by principle tree types O = poplar, B = birch, M = maple, A = alder, H = ash, R = cherry, W = willow

53 # tree cover density
0 = open, 1 = sparse, 2 = moderate, 3 = dense
54-66 Blank

B Horizon

67 If (B) sample taken
68-69 Blank
70-71 ## colour of B sample

		70	71
	Black	B	L
	Light	L	
shade	Medium	M	
	Dark	D	

B	Brown	
R	Red	
G	Grey	colour
O	Orange	
Y	Yellow	

72-73 ## depth of B horizon sample in cm
74-75 Blank
76 (#) 0-9 gravel
77 (#) 0-9 sand
78 (#) 0-9 silt
79 (#) 0-9 clay
80 (#)+0-9 Organic
= 10 total

APPENDIX ii

Bondar Clegg

Analytical Techniques

APPENDIX (ii)

Fluorine is extracted using a sodium carbonate/potassium nitrate fusion, followed by a hot water leach. The pH is then regulated by a buffer addition. Readings are taken using a pH meter with a specific ion electrode.

Hg

The sample is treated with nitric/hydrochloric acid in the presence of potassium permanganate to oxidize all of the Hg present to the Hg^{2+} (mercuric) form. The excess permanganate is reduced with hydroxylamine sulfate - sodium chloride solution, and then the mercury is reduced to metalic mercury with stannous sulfate. The mercury is measured by flameless atomic absorption.

Au (Fire Assay / A.A.)

Au from the sample is pre-concentrated into a doré bead by fire assay. The Au is extracted with an aqua regia acid mixture. The final measurement is made either by flame atomic absorption spectroscopy or carbon rod furnace Atomic Absorption.

Au (Carbon Rod A.A.)

Sample is roasted / ashed and gold is extracted with a mixture of hydrobromic acid and bromine. Gold is further extracted into MIBK from the acid leach solution and determined by flameless atomic absorption spectroscopy with a graphite furnace.

Sb, Ba, Br, Cr, Nb, Rb, Sr, Th, Ti, Sn, V, Zr by XRay Fluorescence techniques.

The instrument used for these determinations is a Siemens SRS XRay Fluorescence spectrometer.

APPENDIX (ii) GENERAL DESCRIPTION OF BONDAR CLEGG'S

ANALYTICAL TECHNIQUES

Cu, Pb, Zn, Co, Ni, Fe, Mn, Mo, Ag, Cd

These elements are extracted using a Hot Lefort aqua regia mixture, and the extracts are analyzed by atomic absorption spectroscopy. Background correction is applied for Pb, Co, Ni, Ag, Cd.

W

Tungsten is extracted using a carbonate flux fusion, followed by a hot water leach. An aliquot is analyzed colorimetrically for tungsten by using zinc dithiol as the complexing agent.

U

Uranium is extracted using a hot nitric acid mixture. An aliquot of the extract is fused with Sodium fluoride, and the uranium in the fusion is measured using a fluorometer.

As

Arsenic is measured using a colorimetric technique. The sample is subjected to a nitric/perchloric acid digestion in which the arsenic is oxidized to the As^{+5}. This solution is then reduced in an excess of hydrogen. The resulting Arsine (AsH_3) is then complexed with a solution containing silver diethyldithiol-carbonate and the colored complex measured in a spectrophotometer.

Sn (Iodide fusion)

Tin is extracted by an Ammonium Iodide sublimation followed by an hydrochloric acid leach. Tin is measured by flame atomic absorption spectroscopy.

Ca, Mg, Na, K

The elements are extracted using a mixture of nitric/perchloric/hydrofluorice acids. Their measurements are made by flame atomic absorption spectroscopy.

...2

APPENDIX iii

Humus Survey Assay Data

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REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L44W-419 A		5	16	1	<5		
L44W-420 A		6	25	1	<5		
L44W-421 A		10	21	2	<5		
L44W-422 A		6	19	1	<5		
L44W-423 A		11	38	3	<5		
L44W-424 A		10	24	1	<5		
L36W-119 A		35	36	<1	<5		
L36W-120 A		25	51	2	<5		
L36W-121 A		27	66	<1	<5		
L12W 6+00NA		4	20	<1	<5		
L12W 6+25NA		3	19	<1	<5		
L12W 6+50NA		2	9	1	<5		
L12W 6+75NA		2	28	1	<5		
L12W 7+00NA		3	16	<1	<5		
L12W 7+25NA		3	6	1	<5		
L12W 7+50NA		3	3	1	<5		
L6EG 4+50NA		7	34	1	<5		
L6EG 4+75NA		4	31	1	<5		
L6EG 5+00NA		4	35	1	<5		
L6EG 5+25NA		5	37	<1	<10	8.15	
L6EG 5+50NA		3	43	<1	<5		
L6EG 5+75NA		2	36	<1	<5		
L6EG 6+00NA		3	32	1	<5		
L6EG 6+25NA		5	39	<1	<5		
L6EG 6+50NA		6	48	<1	<5		
L6EG 6+75NA		2	28	<1	<5		
L6EG 7+00NA		3	34	<1	<5		
L6EG 7+25NA		4	29	1	<5		
L6EG 7+50NA		4	53	<1	<5		
L6EG 7+75NA		2	27	1	<5		
L6EG 8+00NA		5	35	<1	<5		
L7EG 0+00NA		48	39	2	<5		
L7EG 0+25NA		11	79	<1	<5		
L7EG 0+50NA		15	99	<1	<5		
L7EG 0+75NA		11	24	1	<5		
L7EG 1+00NA		22	32	1	<5		
L7EG 1+25NA		8	47	1	<5		
L7EG 1+50NA		7	58	<1	<5		
L7EG 1+75NA		14	98	<1	<5		
L7EG 2+00NA		11	98	<1	<5		
L7EG 2+25NA		6	17				
L7EG 2+50NA		7	20				
L7EG 2+75NA		11	47				
L7EG 3+00NA		8	33				
L7EG 3+25NA		12	76				
L7EG 3+50NA		9	58				
L7EG 3+75NA		5	38				
L7EG 4+00NA		7	44				
L7EG 4+50NA		8	38				
L7EG 4+75NA		7	40				
L7EG 5+00NA		3	34				
L7EG 5+25NA		7	52				
L7EG 5+50NA		5	32				
L7EG 5+75NA		4	43				
L7EG 6+00NA		4	37				
L7EG 6+25NA		2	30				
L7EG 6+50NA		7	44				
L7EG 6+75NA		6	52				
L7EG 7+00NA		7	44				
L7EG 7+25NA		6	60				
L7EG 7+50NA		6	58				
L7EG 7+75NA		5	44				
L7EG 8+00NA		7	52				
L11EG 0+00NA		16	112				
L11EG 0+25NA		15	93				
L11EG 0+50NA		8	26				
L11EG 0+75NA		6	31				
L11EG 1+00NA		4	28				
L11EG 1+50NA		4	40				
L11EG 1+75NA		6	44				
L11EG 2+50NA		5	48				
L11EG 3+00NA		3	37				
L11EG 3+25NA		4	49				
L11EG 4+00NA		5	36				
L11EG 4+25NA		12	74				
L11EG 4+50NA		10	64				
L11EG 4+75NA		13	72				
L11EG 5+00NA		10	54				
L11EG 5+25NA		12	66				
L11EG 5+50NA		12	80				

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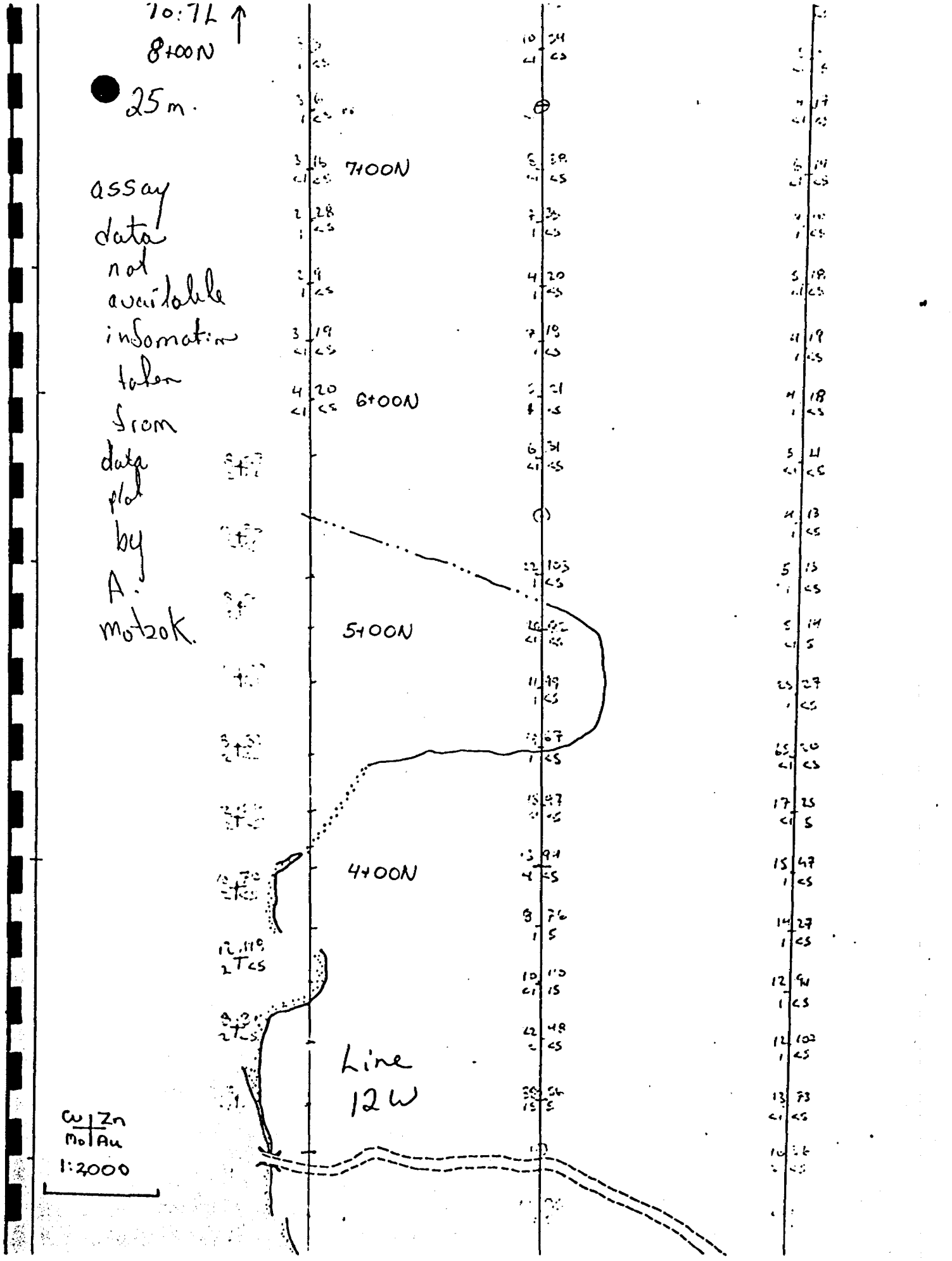
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8+00N
25m.
assay data not available infomation taken from data plot by A. Motzok.
7+00N
6+00N
5+00N
4+00N
Line 12W
Cu | Zn
Mo | Au
1:2000

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REPORT: 112-1230 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L48W-114A		8	79	1	<5		
L48W-115A		28	106	4	<5		
L48W-116A		23	27	2	<5		
L48W-117A		11	22	2	<5		
L48W-118A		33	6	2	<5		
L48W-119A		10	41	2	<5		
L48W-120A		10	114	2	<5		
L48W-121A		8	79	<1	<5		
L48W-122A		5	19	2	<5		
L48W-123A		11	73	2	<5		
L40W-120A		10	82	<1	<5		
L40W-121A		12	144	<1	<5		
L40W-122A		23	46	<1	<5		
L40W-123A		13	109	<1	<5		
L40W-124A		13	109	<1	<5		
L40W-125A		15	114	<1	<5		
L40W-126A		11	56	<1	<5		
L40W-127A		11	91	1	<5		
L40W-128A		60	13	1	<5		
L11WG-4100NA		13	94	<1	<5		
L11WG-4125NA		15	97	<1	<5		
L11WG-4150NA		19	67	1	<5		
L11WG-4175N		11	99	1	<5		
L11WG-5100N		20	82	<1	<5		
L11WG-5125N		22	103	1	<5		
L11WG-5175N		6	31	<1	<5		
L11WG-6100N		5	21	1	<5		
L11WG-6125N		7	18	1	<5		
L11WG-6150N		4	20	1	<5		
L11WG-6175N		7	35	1	<5		
L11WG-7100N		8	38	<1	<5		
L11WG-7150N		10	34	<1	<5		
L11WG-7175N		10	34	<1	<5		
L11WG-7190N		8	30	<1	<5		
L8WG-4125NA		37	33	2	<5		
L8WG-4150NA		30	30	2	<5		
L8WG-4175NA		13	19	<1	<5		
L8WG-5100NA		9	22	2	<5		
L8WG-5125NA		6	10	1	<5		
L8WG-5150NA		7	22	1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L8WG-5175NA		7	23	<1	<5
L8WG-6100NA		4	16	<1	45
L8WG-6125N		4	17	1	<5
L8WG-6150N		4	21	<1	<5
L8WG-6175N		4	13	<1	<5
L8WG-7100N		5	12	2	<5
L8WG-7125NA		5	15	1	<5
L8WG-7150NA		4	19	<1	<5
L8WG-7175NA		9	47	<1	<5
L8WG-7193N		6	34	<1	<5
L7WG-00NA		13	80	<1	<5
L7WG-0125NA		9	29	<1	<5
L7WG-0150NA		8	75	<1	<5
L7WG-0175N		8	63	<1	<5
L7WG-1100N		8	25	<1	<5
L7WG-1125N		13	119	<1	<5
L7WG-1150N		15	32	1	<5
L7WG-1175NA		13	22	1	<5
L7WG-2100NA		11	78	1	<5
L7WG-2125NA		12	30	<1	<5
L7WG-2150N		9	190	<1	<5
L7WG-2175NA		8	170	<1	<5
L7WG-3100NA		8	76	<1	<5
L7WG-3125NA		6	14	<1	<5
L7WG-3150NA		36	27	<1	<5
L7WG-3175N		18	17	<1	<5
L7WG-4100N		18	34	1	<5
L7WG-4125NA		28	20	1	<5
L7WG-4150NA		7	35	1	<5
L7WG-4175NA		10	53	1	<5
L7WG-5100NA		8	25	1	<5
L7WG-5125NA		5	19	1	<5
L7WG-5150A		7	10	1	<5
L7WG-5175NA		5	16	1	<5
L7WG-6100NA		6	18	1	<5
L7WG-6125NA		4	12	2	<5
L7WG-6150NA		3	21	<1	<5
L7WG-6175NA		2	13	1	<5
L7WG-7100NA		4	23	1	<5
L7WG-7125NA		4	20	1	<5

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REPORT: 112-1230 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L7WG-7+50NA		6	24	1	<5		
L7WG-7+75NA		4	14	1	<5		
L7WG-8+00NA		4	17	1	<5		
L6WG-0+00NA		10	32	2	<5		
L6WG-0+25NA		9	32		<5		
L6WG-0+50NA		9	49	1	<5		
L6WG-0+75NA		6	25	2	<5		
L6WG-1+00NA		9	30	2	<5		
L6WG-1+25NA		10	91	1	<5		
L6WG-1+50NA		9	52	1	<5		
L6WG-1+75NA		10	39	1	<5		
L6WG-2+00NA		9	65	3	<5		
L6WG-2+25NA		8	81	1	<5		
L6WG-2+50NA		8	67	2	<5		
L6WG-2+75NA		26	27	<1	<5		
L6WG-3+00NA		17	22	<1	<5		
L6WG-3+25NA		26	39	<1	<5		
L6WG-3+50A		56	23	1	<5		
L6WG-3+75NA		31	21	2	<5		
L20E-106A		9	19	<1	<5		
L20E-107A		7	32	1	<5		
L20E-108A		13	32	<1	<5		
L20E-109A		9	49	<1	<5		
L20E-110A		10	25	2	<5		
L20E-111A		13	30	2	<5		
L20E-112A		13	91	1	<5		
L20E-113A		11	52	2	<5		
L20E-114A		11	39	2	<5		
L20E-115A		10	65	2	<5		
L20E-116A		9	51	<1	<5		
L20E-117A		10	23	2	<5		
L20E-118A		9	24	1	<5		
L20E-119A		15	17	<1	<5		
L20E-120A		8	45	1	<5		
L20E-121A		8	51	1	<5		
L20E-122A		10	28	1	<5		
L20E-123A		4	21	1	<5		
L20E-124A		10	47	1	<5		
L20E-125A		7	25	2	<5		
L20E-126A		10	41	1	<5		
L20E-127A		11	33	1	<5		
L20E-128A		10	86	2	<5		
L20E-129A		10	57	2	<5		
L20E-130A		10	67	2	<5		
L20E-131A		12	74	2	<5		
L20E-132A		11	38	1	<5		
L20E-133A		28	31	3	<5		
L20E-134A		11	34	2	<5		
L20E-135A		11	64	1	<5		
L20E-136A		12	100	3	<5		
L20E-137A		10	53	1	<5		
L20E-138A		22	35	2	<5		
L20E-139A		19	12	2	<5		
L20E-140A		11	11	2	<5		
L20E-141A		11	52	<1	<5		
L20E-142A		13	78	1	<5		
L20E-143A		7	39	1	<5		
L20E-144A		11	122	1	<5		
L20E-145A		9	93	<1	<5		
L20E-146A		15	240	1	<5		
L20E-147A		31	46	2	<5		
L20E-148A		11	67	4	<5		
L20E-149A		12	73	<1	<5		
L20E-150A		17	66	2	<5		
L20E-151A		11	49	<1	<5		
L20E-152A		12	230	<1	<5		
L20E-153A		19	425	2	<5		
L20E-154A		20	123	2	<5		
L20E-155A		18	77	10	<5		
L20E-156A		30	69	1	<5		
L20E-157A		17	55	1	<5		
L28E-45A		8	44	<1	<5		
L28E-46A		8	31	2	<5		
L28E-47A		10	59	<1	<5		
L28E-48A		4	44	<1	<5		
L28E-49A		3	50	<1	<5		
L28E-50A		8	29	<1	<5		
L28E-51A		13	57	1	<5		
L28E-52A		9	40	<1	<5		
L28E-53A		12	59	<1	<5		

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REPORT: 112-1310 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L11WG 0+00NA		12	83	<1	<5		
L11WG 0+25NA		15	32	<1	<5		
L11WG 0+50NA		11	79	1	(10)		
L11WG 0+75NA		11	20	<1	(5)		
L11WG 1+00NA		14	93	<1	(15)		
L11WG 1+25NA		16	42	<1	(5)		
L11WG 1+50NA		12	54	<1	<5		
L11WG 1+75NA		14	60	<1	<5		
L11WG 2+00NA		33	86	1	<5		
L11WG 2+25NA		12	55	2	(5)		
L11WG 2+50NA		10	85	<1	(5)		
L11WG 3+00NA		380	56	(15)	(5)		
L11WG 3+25NA		22	48	2	<5		
L11WG 3+50NA		10	110	<1	(15)		
L11WG 3+75NA		8	76	1	(5)		
L10WG 0+00NA		9	46	<1	<5		
L10WG 0+25NA		11	58	1	(10)		
L10WG 0+50NA		12	94	1	(10)		
L10WG 0+75NA		9	65	<1	<5		
L10WG 1+00NA		15	109	<1	(5)		
L10WG 1+25NA		19	69	<1	<5		
L10WG 1+50NA		20	22	2	<5		
L10WG 1+75NA		15	123	1	<5		
L10WG 2+00NA		10	88	1	<5		
L10WG 2+25NA		15	87	2	<5		
L10WG 2+50NA		20	113	(3)	<5		
L10WG 2+75NA		16	36	2	<5		
L10WG 3+00NA		13	73	<1	<5		
L10WG 3+25NA		12	107	1	<5		
L10WG 3+50NA		12	94	1	<5		
L10WG 3+75NA		14	27	1	<5		
L10WG 4+00NA		15	47	1	<5		
L10WG 4+25NA		17	25	<1	(5)		
L10WG 4+50NA		65	20	<1	<5		
L10WG 4+75NA		25	27	1	<5		
L10WG 5+00NA		5	14	<1	(5)		
L10WG 5+25NA		5	15	1	<5		
L10WG 5+50NA		4	13	1	<5		
L10WG 5+75NA		5	21	<1	<5		
L10WG 6+00NA		4	18	1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L10WG 6+25NA		4	19	1	<5
L10WG 6+50NA		5	18	<1	<5
L10WG 6+75NA		4	16	1	<5
L10WG 7+00NA		6	14	<1	<5
L10WG 7+25NA		4	17	<1	<5
L10WG 7+50NA		5	21	<1	(5)
L10WG 7+75NA		4	15	1	<5
L10WG 7+91NA		4	21	<1	<5
L9WG 0+00NA		9	52	1	<5
L9WG 0+25NA		13	36	<1	<5
L9WG 0+50NA		15	131	<1	(5)
L9WG 0+75NA		14	36	1	<5
L9WG 1+00NA		12	68	1	<5
L9WG 1+25NA		11	88	1	(5)
L9WG 1+50NA		13	26	1	<5
L9WG 2+75NA		16	32	1	(5)
L9WG 3+00NA		14	64	1	<5
L9WG 3+25NA		21	55	1	(5)
L9WG 3+50NA		51	49	(3)	<5
L9WG 3+75NA		18	49	<1	<5
L9WG 4+00NA		16	90	(3)	<5
L9WG 4+25NA		40	14	<1	<5
L9WG 4+50NA		14	22	<1	(5)
L9WG 4+75NA		10	20	<1	<5
L9WG 5+00NA		6	23	1	<5
L9WG 5+25NA		5	13	1	<5
L9WG 5+50NA		9	19	1	<5
L9WG 5+75NA		8	17	<1	<5
L9WG 6+00NA		6	20	<1	(5)
L9WG 6+25NA		6	19	1	<5
L9WG 6+50NA		5	19	1	<5
L9WG 6+75NA		7	27	1	<5
L9WG 7+00NA		6	21	<1	<5
L9WG 7+25NA		4	17	<1	<5
L9WG 7+50NA		6	27	1	<5
L9WG 7+75NA		4	18	<1	<5
L9WG 7+92NA		6	24	1	<5
L8WG BLA		16	41	<1	<5
L8WG 0+25NA		45	45	<1	<5
L8WG 0+50NA		10	21	<1	<5

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BONDAR-CLEGG

REPORT: 112-1230 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L46W-114A		8	79	1	<5		
L46W-115A		28	106	4	<5		
L46W-116A		23	27	2	<5		
L46W-117A		11	22	2	<5		
L46W-118A		33	6	2	<5		
L46W-119A		10	41	2	<5		
L46W-120A		10	114	2	<5		
L46W-121A		8	79	<1	<5		
L46W-122A		5	19	2	<5		
L46W-123A		11	73	2	<5		
L40W-120A		10	82	<1	<5		
L40W-121A		12	144	<1	<5		
L40W-122A		23	46	<1	<5		
L40W-123A		13	109	<1	<5		
L40W-124A		13	109	<1	<5		
L40W-125A		15	114	<1	<5		
L40W-126A		11	56	<1	<5		
L40W-127A		11	91	1	<5		
L40W-128A		60	13	1	<5		
L11WG-4100NA		13	94	<1	<5		
L11WG-4125NA		15	97	<1	<5		
L11WG-4150NA		19	67	1	<5		
L11WG-4175N		11	99	1	<5		
L11WG-5100N		20	82	<1	<5		
L11WG-5125N		22	103	1	<5		
L11WG-5175N		6	31	<1	<5		
L11WG-6100N		5	21	1	<5		
L11WG-6125N		7	18	1	<5		
L11WG-6150N		4	20	1	<5		
L11WG-6175N		7	35	1	<5		
L11WG-7100N		8	38	<1	<5		
L11WG-7150N		10	34	<1	<5		
L11WG-7175N		10	34	<1	<5		
L11WG-7190N		8	30	<1	<5		
L8WG-4125NA		37	33	2	<5		
L8WG-4150NA		30	30	2	<5		
L8WG-4175NA		13	19	<1	<5		
L8WG-5100NA		9	22	2	<5		
L8WG-5125NA		6	10	1	<5		
L8WG-5150NA		7	22	1	<5		
L8WG-5175NA		7	23	<1	<5		
L8WG-6100NA		4	16	<1	<5		
L8WG-6125N		4	17	1	<5		
L8WG-6150N		4	21	<1	<5		
L8WG-6175N		4	13	<1	<5		
L8WG-7100N		5	12	2	<5		
L8WG-7125NA		5	15	1	<5		
L8WG-7150NA		4	19	<1	<5		
L8WG-7175NA		9	47	<1	<5		
L8WG-7193N		6	34	<1	<5		
L7WG-00NA		13	80	<1	<5		
L7WG-0125NA		9	29	<1	<5		
L7WG-0150NA		8	75	<1	<5		
L7WG-0175N		8	63	<1	<5		
L7WG-1100N		8	25	<1	<5		
L7WG-1125N		13	119	<1	<5		
L7WG-1150N		15	32	1	<5		
L7WG-1175NA		13	22	1	<5		
L7WG-2100NA		11	78	1	<5		
L7WG-2125NA		12	30	<1	<5		
L7WG-2150N		9	190	<1	<5		
L7WG-2175NA		8	170	<1	<5		
L7WG-3100NA		8	76	<1	<5		
L7WG-3125NA		6	14	<1	<5		
L7WG-3150NA		36	27	<1	<5		
L7WG-3175N		18	17	<1	<5		
L7WG-4100N		18	34	1	<5		
L7WG-4125NA		28	20	1	<5		
L7WG-4150NA		7	35	1	<5		
L7WG-4175NA		10	53	1	<5		
L7WG-5100NA		8	25	1	<5		
L7WG-5125NA		5	19	1	<5		
L7WG-5150A		7	10	1	<5		
L7WG-5175NA		5	16	1	<5		
L7WG-6100NA		6	18	1	<5		
L7WG-6125NA		4	12	2	<5		
L7WG-6150NA		3	21	<1	<5		
L7WG-6175NA		2	13	1	<5		
L7WG-7100NA		4	23	1	<5		
L7WG-7125NA		4	20	1	<5		

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REPORT: 112-1230 PROJECT: WHITE RIVER

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L7WG-7+50NA		6	24	1	<5		
L7WG-7+75NA		4	14	1	<5		
L7WG-8+00NA		4	17	1	<5		
L6WG-0+00NA		10	32	2	<5		
L6WG-0+25NA		9	32	1	<5		
L6WG-0+50NA		9	49	1	<5		
L6WG-0+75NA		6	25	2	<5		
L6WG-1+00NA		9	30	2	<5		
L6WG-1+25NA		10	91	1	<5		
L6WG-1+50NA		9	52	1	<5		
L6WG-1+75NA		10	39	1	<5		
L6WG-2+00NA		9	65	3	<5		
L6WG-2+25NA		8	81	1	<5		
L6WG-2+50NA		8	67	2	<5		
L6WG-2+75NA		26	27	<1	<5		
L6WG-3+00NA		17	22	<1	<5		
L6WG-3+25NA		26	39	<1	<5		
L6WG-3+50A		56	23	1	<5		
L6WG-3+75NA		31	21	2	<5		
L20E-106A		9	19	<1	<5		
L20E-107A		7	32	1	<5		
L20E-108A		13	32	<1	<5		
L20E-109A		9	49	<1	<5		
L20E-110A		10	25	2	<5		
L20E-111A		13	30	2	<5		
L20E-112A		13	91	1	<5		
L20E-113A		11	52	2	<5		
L20E-114A		11	39	2	<5		
L20E-115A		10	65	2	<5		
L20E-116A		9	51	<1	<5		
L20E-117A		10	23	2	<5		
L20E-118A		9	24	1	<5		
L20E-119A		15	17	<1	<5		
L20E-120A		8	45	1	<5		
L20E-121A		8	51	1	<5		
L20E-122A		10	28	1	<5		
L20E-123A		4	21	1	<5		
L20E-124A		10	47	1	<5		
L20E-125A		7	25	2	<5		
L20E-126A		10	41	1	<5		
L20E-127A		11	33	1	<5		
L20E-128A		10	86	2	<5		
L20E-129A		10	57	2	<5		
L20E-130A		10	67	2	<5		
L20E-131A		12	74	2	<5		
L20E-132A		11	38	1	<5		
L20E-133A		28	31	3	<5		
L20E-134A		11	34	2	<5		
L20E-135A		11	64	1	<5		
L20E-136A		12	100	3	<5		
L20E-137A		10	53	1	<5		
L20E-138A		22	35	2	<5		
L20E-139A		19	12	2	<5		
L20E-140A		11	11	2	<5		
L20E-141A		11	52	<1	<5		
L20E-142A		13	78	1	<5		
L20E-143A		7	39	1	<5		
L20E-144A		11	122	1	<5		
L20E-145A		9	93	<1	<5		
L20E-146A		15	240	1	<5		
L20E-147A		31	46	2	<5		
L20E-148A		11	67	4	<5		
L20E-149A		12	73	<1	<5		
L20E-150A		17	66	2	<5		
L20E-151A		11	49	<1	<5		
L20E-152A		12	230	<1	<5		
L20E-153A		19	425	2	<5		
L20E-154A		20	123	2	<5		
L20E-155A		18	77	10	<5		
L20E-156A		30	69	1	<5		
L20E-157A		17	55	1	<5		
L28E-45A		8	44	<1	<5		
L28E-46A		8	31	2	<5		
L28E-47A		10	59	<1	<5		
L28E-48A		4	44	<1	<5		
L28E-49A		3	50	<1	<5		
L28E-50A		8	29	<1	<5		
L28E-51A		13	57	1	<5		
L28E-52A		9	40	<1	<5		
L28E-53A		12	59	<1	<5		

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REPORT: 112-1310 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L8WG 0+75NA		14	77	<1	<5		
L8WG 1+00NA		11	61	<1	<5		
L8WG 1+25NA		12	72	1	<5		
L8WG 1+50NA		8	41	<1	(5)		
L8WG 2+00NA		11	63	<1	<5		
L8WG 2+25NA		10	58	1	<5		
L8WG 2+50NA		14	27	<1	<5		
L8WG 2+75NA		19	42	1	<5		
L8WG 3+00NA		16	86	<1	<5		
L8WG 3+25NA		20	130	1	<5		
L8WG 3+50NA		12	73	1	<5		
L8WG 3+75NA		20	70	1	<5		
L8WG 4+00NA		95	8	1	<5		
L6WG 4+00NA		77	23	1	<5		
L6WG 4+25NA		19	22	1	<5		
L6WG 4+50NA		7	17	(4)	<5		
L6WG 4+75NA		35	16	1	<5		
L6WG 5+00NA		18	30	<1	<5		
L6WG 5+25NA		18	19	<1	<5		
L6WG 5+50NA		9	24	<1	<5		
L6WG 5+75NA		4	16	<1	<5		
L6WG 6+00NA		5	24	<1	<5		
L6WG 6+25NA		4	16	1	<5		
L6WG 6+50NA		5	18	1	<5		
L6WG 6+75NA		4	22	1	<5		
L6WG 7+00NA		4	12	1	<5		
L6WG 7+25NA		6	18	1	<5		
L6WG 7+50NA		6	24	1	<5		
L6WG 7+75NA		6	17	2	<5		
L6WG 7+95NA		10	25	1	<5		
L5WG BL;0+00NA		13	70	2	<5		
L5WG 0+25NA		12	25	1	<5		
L5WG 0+50NA		12	98	<1	<5		
L5WG 0+75NA		14	98	<1	<5		
L5WG 1+00NA		10	62	1	<5		
L5WG 1+25NA		10	113	<1	<5		
L5WG 1+50NA		12	96	1	<5		
L5WG 1+75NA		17	35	<1	<5		
L5WG 2+00NA		330	12	<1	(5)		
L5WG 2+25NA		12	55	<1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L5WG 2+50NA		16	245	<1	<5
L5WG 2+75NA		16	120	<1	<5
L5WG 3+00NA		17	223	1	<5
L5WG 3+25NA		15	170	<1	<5
L5WG 3+50NA		11	95	1	<5
L5WG 3+75NA		8	75	<1	<5
L5WG 4+00NA		27	35	<1	<5
L5WG 4+25NA		45	63	2	<5
L5WG 4+50NA		23	36	(3)	<5
L5WG 4+75NA		6	18	<1	<5
L5WG 5+00NA		4	34	1	<5
L5WG 5+25NA		4	23	1	<5
L5WG 5+50NA		4	30	1	<5
L5WG 5+75NA		4	34	1	<5
L5WG 6+00NA		4	16	<1	<5
L5WG 6+25NA		4	19	1	<5
L5WG 6+50NA		5	24	1	<5
L5WG 6+75NA		7	27	1	<5
L5WG 7+00NA		6	21	1	<5
L5WG 7+25NA		8	18	(3)	<5
L5WG 7+50NA		16	28	2	<5
L5WG 7+75NA		23	25	<1	<5
L5WG 8+00NA		20	31	2	<5
L4WG 3+00NA		16	45	2	<5
L4WG 3+25NA		34	23	2	<5
L4WG 3+50NA		13	22	<1	<5
L4WG 3+75NA		10	46	<1	<5
L4WG 4+00NA		14	86	2	<5
L4WG 4+25NA		11	34	<1	<5
L4WG 4+50NA		6	28	<1	<5
L4WG 4+75NA		4	36	<1	<5
L4WG 5+00NA		13	55	1	<5
L4WG 5+25NA		25	39	<1	<5
L4WG 5+50NA		8	59	1	<5
L4WG 5+75NA		40	16	1	<5
L4WG 6+00NA		16	41	1	<5
L4WG 6+25NA		35	20	1	<5
L4WG 6+50NA		9	25	2	<5
L4WG 6+75NA		6	26	2	<5
L4WG 7+00NA		6	21	1	<5

APPENDIX iv

Humus Survey Assay Data

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REPORT: 112-1310 PROJECT: WHITE RIVER

SAMPLE NUMBER	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L6WG 0+75NA	14	77	<1	<5		
L6WG 1+00NA	11	61	<1	<5		
L6WG 1+25NA	12	72	1	<5		
L6WG 1+50NB	8	41	<1	5		
L6WG 2+00NA	11	63	<1	<5		
L6WG 2+25NA	10	58	1	<5		
L6WG 2+50NA	14	27	<1	<5		
L6WG 2+75NA	19	42	1	<5		
L6WG 3+00NA	16	86	<1	<5		
L6WG 3+25NA	20	130	1	<5		
L6WG 3+50NA	12	73	1	<5		
L6WG 3+75NA	20	70	1	<5		
L6WG 4+00NA	95	8	2	<5		
L6WG 4+00NA	77	23	1	<5		
L6WG 4+25NA	19	22	1	<5		
L6WG 4+50NA	7	17	4	<5		
L6WG 4+75NA	35	18	1	<5		
L6WG 5+00NA	18	30	<1	<5		
L6WG 5+25NA	18	19	<1	<5		
L6WG 5+50NA	9	24	<1	<5		
L6WG 5+75NA	4	16	<1	<5		
L6WG 6+00NA	5	24	<1	<5		
L6WG 6+25NA	4	16	1	<5		
L6WG 6+50NA	5	18	1	<5		
L6WG 6+75NA	4	22	1	<5		
L6WG 7+00NA	4	12	1	<5		
L6WG 7+25NA	6	18	1	<5		
L6WG 7+50NA	6	24	1	<5		
L6WG 7+75NA	6	17	2	<5		
L6WG 7+95NA	10	25	1	<5		
L5WG BL;0+00NA	13	70	2	<5		
L5WG 0+25NA	12	25	1	<5		
L5WF 0+50NA	12	98	<1	<5		
L5WG 0+75NA	14	98	<1	<5		
L5WG 1+00NA	10	62	1	<5		
L5WG 1+25NA	10	113	<1	<5		
L5WG 1+50NA	12	96	1	<5		
L5WG 1+75NA	17	35	<1	<5		
L5WG 2+00NA	330	12	<1	5		
L5WG 2+25NA	12	55	<1	<5		
L5WG 2+50NA	16	245	<1	<5		
L5WG 2+75NA	16	120	<1	<5		
L5WG 3+00NA	17	223	1	<5		
L5WG 3+25NA	15	170	<1	<5		
L5WG 3+50NA	11	95	1	<5		
L5WG 3+75NA	8	75	<1	<5		
L5WG 4+00NA	27	35	<1	<5		
L5WG 4+25NA	45	63	2	<5		
L5WG 4+50NA	23	36	3	<5		
L5WG 4+75NA	6	18	<1	<5		
L5WG 5+00NA	4	34	1	<5		
L5WG 5+25NA	4	23	1	<5		
L5WG 5+50NA	4	30	1	<5		
L5WG 5+75NA	4	34	1	<5		
L5WG 6+00NA	4	16	<1	<5		
L5WG 6+25NA	4	19	1	<5		
L5WG 6+50NA	5	24	1	<5		
L5WG 6+75NA	7	27	1	<5		
L5WG 7+00NA	6	21	1	<5		
L5WG 7+25NA	8	18	3	<5		
L5WG 7+50NA	16	28	2	<5		
L5WG 7+75NA	23	25	<1	<5		
L5WG 8+00NA	20	31	2	<5		
L4WG 3+00NA	16	45	2	<5		
L4WG 3+25NA	34	23	2	<5		
L4WG 3+50NA	13	22	<1	<5		
L4WG 3+75NA	10	46	<1	<5		
L4WG 4+00NA	14	86	2	<5		
L4WG 4+25NA	11	34	<1	<5		
L4WG 4+50NA	6	28	<1	<5		
L4WG 4+75NA	4	36	<1	<5		
L4WG 5+00NA	13	55	1	<5		
L4WG 5+25NA	25	39	<1	<5		
L4WG 5+50NA	8	59	1	<5		
L4WG 5+75NA	40	16	1	<5		
L4WG 6+00NA	16	41	1	<5		
L4WG 6+25NA	35	20	1	<5		
L4WG 6+50NA	9	25	2	<5		
L4WG 6+75NA	6	26	2	<5		
L4WG 7+00NA	6	21	1	<5		

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REPORT: 112-1310 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L4WG 7+25NA		5	25	1	<5		
L4WG 7+50NA		11	29	1	<5		
L4WG 7+75NA		6	20	1	<5		
L4WG 7+97NA		7	35	<1	<5		
L3WG BLA		11	45	1	<5		
L3WG 0+25NA		48	9	<1	<5		
L3WG 0+50NA		7	53	2	<5		
L3WG 0+75NA		13	98	<1	<5		
L3WG 1+00NA		10	49	1	<5		
L3WG 1+25NA		15	90	3	<5		
L3WG 1+50NA		12	30	<1	<5		
L3WG 1+75NA		12	84	<1	<5		
L3WG 2+00NA		11	138	<1	<5		
L3WG 2+25NA		12	95	1	<5		
L3WG 2+50NA		14	113	1	<5		
L3WG 2+75NA		58	20	2	<5		
L3WG 3+00NA		11	35	2	<5		
L3WG 3+25NA		50	23	1	<5		
L3WG 3+50NA		14	94	1	<5		
L3WG 3+75NA		11	121	<1	<5		
L3WG 4+00NA		8	51	<1	<5		
L3WG 4+25NA		20	49	2	<5		
L3WG 4+50NA		30	30	1	<5		
L3WG 4+75NA		51	27	2	<5		
L3WG 5+00NA		8	30	<1	<5		
L3WG 5+25NA		5	23	<1	<5		
L3WG 5+50NA		10	21	1	<5		
L3WG 5+75NA		10	23	1	<5		
L3WG 6+00NA		9	23	2	<5		
L3WG 6+25NA		8	23	1	<5		
L3WG 6+50NA		8	21	<1	<5		
L3WG 6+75NA		7	22	1	<5		
L3WG 7+00NA		6	11	2	<5		
L3WG 7+25NA		7	17	2	<5		
L3WG 7+50NA		6	20	<1	<5		
L3WG 7+75NA		6	21	3	<5		
L3WG B+00NA		8	15	<1	<5		
L2WG BL0+00NA		18	21	1	<5		
L2WG 0+25NA		12	74	1	<5		
L2WG 0+50NA		8	67	1	<5		

I-8

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L2WG 0+75NA		13	54	1	<5
L2WG 1+00NA		8	45	<1	<5
L2WG 1+25NA		23	85	1	<5
L2WG 1+50NA		12	53	1	<5
L2WG 1+75NA		15	82	1	<5
L2WG 2+00NA		12	31	2	<5
L2WG 2+25NA		13	31	1	20
L2WG 2+50NA		14	84	1	<5
L2WG 2+75NA		15	165	<1	<5
L2WG 3+00NA		26	24	1	<5
L2WG 3+25NA		12	92	<1	<5
L2WG 3+50NA		10	41	1	<5
L2WG 3+75NA		30	71	3	<5
L2WG 4+00NA		8	76	<1	<5
L2WG 4+25NA		10	70	1	<5
L2WG 4+50NA		7	20	2	<5
L2WG 4+75NA		19	17	1	<5
L2WG 5+00NA		10	26	1	<5
L2WG 5+25NA		6	25	1	<5
L2WG 5+50NA		6	25	1	<5
L2WG 5+75NA		8	28	1	<5
L2WG 6+00NA		5	21	2	<5
L2WG 6+25NA		7	19	1	<5
L2WG 6+50NA		6	18	1	<5
L2WG 6+75NA		6	21	2	<5
L2WG 7+00NA		12	37	1	<5
L2WG 7+25NA		12	35	1	<5
L2WG 7+50NA		15	42	<1	<5
L2WG 7+75NA		9	35	1	<5
L2WG B+00NA		8	43	1	<5
L1WG BL0+00NA		27	35	1	<5
L1WG 0+25NA		25	30	<1	<5
L1WG 0+50NA		15	36	<1	<5
L1WG 0+75NA		22	32	<1	<5
L1WG 1+00NA		35	14	<1	<5
L1WG 1+25NA		12	40	<1	<5
L1WG 1+50NA		25	22	<1	<5
L1WG 1+75NA		18	32	<1	<5
L1WG 2+00NA		17	91	<1	<5
L1WG 2+25NA		30	144	9	<5

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REPORT: 112-1310 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L1WG 2+50NA		35	95	1	<5		
L1WG 3+00NA		14	156	1	<5		
L1WG 3+25NA		14	28	1	<5		
L1WG 3+50NA		10	73	<1	<5		
L1WG 3+75NA		13	65	2	<5		
L1WG 4+00NA		18	88	1	<5		
L1WG 4+25NA		8	25	1	<5		
L1WG 4+50NA		5	23	2	<5		
L1WG 4+75NA		4	20	2	<5		
L1WG 5+00NA		4	21	<1	<5		
L1WG 5+25NA		4	21	<1	<5		
L1WG 5+50NA		4	24	2	<5		
L1WG 5+75NA		4	21	1	<5		
L1WG 6+00NA		4	20	1	<5		
L1WG 6+25NA		14	27	1	<5		
L1WG 6+50NA		24	33	<1	<5		
L1WG 6+75NA		8	34	<1	<5		
L1WG 7+00NA		6	29	<1	<5		
L1WG 7+25NA		3	52	1	<5		
L1WG 7+50NA		8	46	3	<5		
L1WG 7+75NA		8	24	<1	<5		
L1WG 8+00NA		8	10	2	<5		

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	pt/Au ratio	NOTES
L1EG BLA		8	23	1	<5		
L1EG 0+25NA		17	60	2	<5		
L1EG 0+50NA		11	56	1	<5		
L1EG 0+75NA		11	76	2	<5		
L1EG 1+00NA		10	76	1	5		
L1EG 1+25NA		15	10	2	<5		
L1EG 1+50NA		5	28	1	<5		
L1EG 1+75NA		9	30	3	<5		
L1EG 2+00NA		9	62	1	<5		
L1EG 2+25NA		8	49	1	<5		
L1EG 2+50NA		11	105	3	<5		
L1EG 2+75NA		27	46	1	<5		
L1EG 3+00NA		45	11	<1	<5		
L1EG 3+25NA		11	50	<1	<5		
L1EG 3+50NA		6	36	<1	<5		
L1EG 3+75NA		6	29	<1	<5		
L1EG 4+00NA		9	14	<1	<5		
L1EG 4+25NA		7	24	<1	<5		
L1EG 4+50NA		6	14	<1	<5		
L1EG 4+75NA		11	18	<1	<5		
L1EG 5+00NA		7	20	<1	<5		
L1EG 5+25NA		10	26	<1	<5		
L1EG 5+50NA		9	25	<1	<5		
L1EG 5+75NA		13	34	<1	<5		
L1EG 6+00NA		12	55	<1	<5		
L1EG 6+25NA		5	20	<1	<5		
L1EG 6+50NA		5	24	1	<5		
L1EG 6+75NA		5	18	1	<5		
L1EG 7+00NA		5	23	1	<5		
L1EG 7+25NA		4	36	1	<5		
L1EG 7+50NA		4	31	<1	<5		
L1EG 7+75NA		7	43	1	<5		
L1EG 8+00NA		10	35	2	<5		
L2EG BLA		9	36	1	<5		
L2EG 0+25NA		15	14	<1	<5		
L2EG 0+50NA		7	46	1	<5		
L2EG 0+75NA		10	16	<1	<5		
L2EG 1+00NA		6	22	1	<5		
L2EG 1+25NA		8	32	1	<5		
L2EG 1+50NA		32	36	<1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	pt/Au ratio	NOTES
L2EG 1+75NA		15	10	1	<5		
L2EG 2+00NA		7	49	1	<5		
L2EG 2+25NA		9	235	<1	<5		
L2EG 2+50NA		11	165	<1	<5		
L2EG 2+75NA		15	52	1	<5		
L2EG 3+00NA		7	84	1	<5		
L2EG 3+25NA		8	68	1	<5		
L2EG 3+50NA		19	30	2	<5		
L2EG 3+75NA		16	28	1	<5		
L2EG 4+00NA		22	17	1	<5		
L2EG 4+25NA		15	24	1	<5		
L2EG 4+50NA		16	27	1	<5		
L2EG 4+75NA		10	20	2	<5		
L2EG 5+00NA		10	30	1	<5		
L2EG 5+25NA		8	36	1	<5		
L2EG 5+50NA		9	42	1	<5		
L2EG 5+75NA		16	35	1	<5		
L2EG 6+00NA		6	21	2	<5		
L2EG 6+25NA		6	56	1	<5		
L2EG 6+50NA		6	20	<1	<5		
L2EG 6+75NA		4	20	<1	<5		
L2EG 7+00NA		4	16	<1	<5		
L2EG 7+25NA		4	20	1	<5		
L2EG 7+50NA		7	34	<1	<5		
L2EG 7+75NA		6	26	2	<5		
L2EG 8+00NA		8	26	1	<5		
L3EG BLA		17	40	1	<5		
L3EG 0+25NA		9	88	1	<5		
L3EG 0+50NA		9	62	1	<5		
L3EG 0+75NA		7	36	2	<5		
L3EG 1+00NA		11	27	1	<5		
L3EG 1+25NA		17	26	1	<5		
L3EG 1+50NA		14	26	1	<5		
L3EG 1+75NA		11	72	2	<5		
L3EG 2+00NA		15	106	2	<5		
L3EG 2+25NA		10	70	2	<5		
L3EG 2+50NA		12	89	1	<5		
L3EG 2+75NA		10	80	1	<5		
L3EG 3+00NA		9	72	1	<5		
L3EG 3+25NA		40	32	1	<5		

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gm	NOTES
L3EG 3+50NA		10	30	1	<5		
L3EG 3+75NA		10	24	1	<5		
L3EG 4+00NA		8	26	1	<5		
L3EG 4+25NA		7	10	1	<5		
L3EG 4+50NA		4	18	1	<5		
L3EG 4+75NA		4	20	<1	<5		
L3EG 5+00NA		10	22	2	<5		
L3EG 5+25NA		20	36	1	<5		I-8
L3EG 5+50NA		20	32	1	<5		
L3EG 5+75NA		5	21	<1	<5		
L3EG 6+00NA		4	13	1	<5		
L3EG 6+25NA		4	17	<1	<5		
L3EG 6+50NA		4	26	1	<5		
L3EG 6+75NA		3	20	1	<5		
L3EG 7+00NA		4	30	<1	<5		
L3EG 7+25NA		3	32	1	<5		
L3EG 7+50NA		4	15	1	<5		
L3EG 7+75NA		3	16	1	<5		
L3EG 8+00NA		6	20	2	<5		
L5EG BLA		22	42	<1	<5		
L5EG 0+25NA		8	46	<1	5		
L5EG 0+50NA		14	88	<1	<5		
L5EG 0+75NA		20	100	1	<5		
L5EG 1+00NA		32	31	2	<5		
L5EG 1+25NA		14	52	1	5		
L5EG 1+50NA		7	60	1	<5		
L5EG 1+75NA		9	92	1	<5		
L5EG 2+00NA		12	80	2	<5		
L5EG 2+25NA		12	50	2	<5		
L5EG 2+50NA		13	85	2	<5		
L5EG 2+75NA		14	106	2	<5		
L5EG 3+00NA		14	76	2	<5		
L5EG 3+25NA		21	30	2	<5		I-8
L5EG 3+50NA		5	12	2	<5		
L5EG 3+75NA		5	20	2	<5		
L5EG 4+00NA		10	22	1	<5		
L5EG 4+25NA		32	35	2	<5		
L5EG 4+50NA		34	25	2	<5		
L5EG 4+75NA		43	27	2	<5		
L5EG 5+00NA		8	20	<1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt
L5EG 5+25NA		3	20	3	<5	
L5EG 5+50NA		5	31	1	<5	
L5EG 5+75NA		4	20	1	<5	
L5EG 6+75NA		3	28	<1	<5	
L5EG 7+00NA		6	37	1	<5	
L6EG BLA		14	100	<1	5	
L6EG 0+25NA		15	58	1	5	
L6EG 0+50NA		16	68	1	5	
L6EG 0+75NA		10	22	<1	5	
L6EG 1+00NA		45	34	3	<5	
L6EG 1+25NA		34	30	2	<5	
L6EG 1+50NA		13	50	2	<5	
L6EG 1+75NA		10	84	1	<5	
L6EG 2+00NA		8	92	1	10	
L6EG 2+25NA		9	80	<1	<5	
L6EG 2+50NA		9	91	<1	5	
L6EG 2+75NA		8	35	2	<5	
L6EG 3+00NA		8	48	2	<5	
L6EG 3+25NA		8	25	2	<5	
L6EG 3+50NA		9	40	2	<5	
L6EG 3+75NA		5	31	2	25	
L9EG BLA		15	76	1	<5	
L9EG 0+25NA		8	27	1	<5	
L9EG 0+50NA		9	34	1	<5	
L9EG 0+75NA		6	32	1	<5	
L9EG 1+00NA		7	36	1	<5	
L9EG 1+50NA		9	48	1	<5	
L9EG 1+75NA		10	68	1	<5	
L9EG 2+00NA		9	40	<1	<5	
L9EG 2+25NA		11	20	1	<5	
L9EG 2+50NA		10	60	<1	<5	
L9EG 2+75NA		9	52	<1	<5	
L9EG 3+00NA		11	22	<1	<5	
L9EG 5+00NA		3	22	<1	<5	
L9EG 5+25NA		3	14	1	<5	
L9EG 5+50NA		5	30	<1	<5	
L9EG 5+75NA		5	34	<1	<5	
L9EG 6+00NA		4	30	<1	<5	
L9EG 6+25NA		3	14	<1	<5	
L9EG 6+50NA		3	18	<1	<5	

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REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L44W-419 A		5	16	1	<5		
L44W-420 A		6	25	1	<5		
L44W-421 A		10	21	2	<5		
L44W-422 A		6	19	1	<5		
L44W-423 A		11	38	3	<5		
L44W-424 A		10	24	1	<5		
L36W-119 A		35	36	<1	<5		
L36W-120 A		25	51	2	<5		
L36W-121 A		27	66	<1	<5		
L12W 5+00NA		4	20	<1	<5		
L12W 6+25NA		3	19	<1	<5		
L12W 6+50NA		2	9	1	<5		
L12W 6+75NA		2	28	1	<5		
L12W 7+00NA		3	16	<1	<5		
L12W 7+25NA		3	6	1	<5		
L12W 7+50NA		3	3	1	<5		
L6EG 4+50NA		7	34	1	<5		
L6EG 4+75NA		4	31	1	<5		
L6EG 5+00NA		4	35	1	<5		
L6EG 5+25NA		5	37	<1	<10	8.15	
L6EG 5+50NA		3	43	<1	<5		
L6EG 5+75NA		2	36	<1	<5		
L6EG 6+00NA		3	32	1	<5		
L6EG 6+25NA		5	39	<1	<5		
L6EG 6+50NA		6	48	<1	<5		
L6EG 6+75NA		2	26	<1	<5		
L6EG 7+00NA		3	34	<1	<5		
L6EG 7+25NA		4	29	1	<5		
L6EG 7+50NA		4	53	<1	<5		
L6EG 7+75NA		2	27	1	<5		
L6EG 8+00NA		5	35	<1	<5		
L7EG 0+00NA		48	39	2	<5		
L7EG 0+25NA		11	79	<1	<5		
L7EG 0+50NA		15	99	<1	<5		
L7EG 0+75NA		11	24	1	<5		
L7EG 1+00NA		22	32	1	<5		
L7EG 1+25NA		8	47	1	<5		
L7EG 1+50NA		7	58	<1	<5		
L7EG 1+75NA		14	98	<1	<5		
L7EG 2+00NA		11	98	<1	<5		
L7EG 2+25NA		6	17	<1	<5		
L7EG 2+50NA		7	20	2	<5		
L7EG 2+75NA		11	47	1	<5		
L7EG 3+00NA		8	33	1	<5		
L7EG 3+25NA		12	76	1	<5		
L7EG 3+50NA		9	58	<1	<5		
L7EG 3+75NA		5	38	1	<5		
L7EG 4+00NA		7	44	<1	<5		
L7EG 4+50NA		8	38	1	<5		
L7EG 4+75NA		7	40	1	5		
L7EG 5+00NA		3	34	<1	<5		
L7EG 5+25NA		7	52	<1	<5		
L7EG 5+50NA		5	32	<1	<5		
L7EG 5+75NA		4	43	<1	<5		
L7EG 6+00NA		4	37	<1	<5		
L7EG 6+25NA		2	30	<1	<5		
L7EG 6+50NA		7	44	<1	<5		
L7EG 6+75NA		6	52	1	<5		
L7EG 7+00NA		7	44	1	<5		
L7EG 7+25NA		6	60	1	<5		
L7EG 7+50NA		6	58	2	<5		
L7EG 7+75NA		5	44	1	<5		
L7EG 8+00NA		7	52	2	<5		
L11EG 0+00NA		16	112	1	<5		
L11EG 0+25NA		15	93	2	<5		
L11EG 0+50NA		8	26	1	<5		
L11EG 0+75NA		6	31	1	<5		
L11EG 1+00NA		4	28	<1	<5		
L11EG 1+50NA		4	40	<1	<5		
L11EG 1+75NA		6	44	<1	<5		
L11EG 2+50NA		5	48	<1	<5		
L11EG 3+00NA		3	37	1	<5		
L11EG 3+25NA		4	49	1	<5		
L11EG 4+00NA		5	36	2	<5		
L11EG 4+25NA		12	74	<1	<5		
L11EG 4+50NA		10	64	1	<5		
L11EG 4+75NA		13	72	<1	<5		
L11EG 5+00NA		10	54	<1	<5		
L11EG 5+25NA		12	66	<1	<5		
L11EG 5+50NA		12	80	<1	<5		

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gm	NOTES
L9EG 6+75NA		4	23	<1	<5		
L9EG 7+00NA		4	17	1	<5		
L9EG 7+25NA		4	16	1	<5		
L9EG 7+50NA		4	22	<1	<5		I-8
L9EG 7+75NA		6	27	<1	<5		
L9EG 8+00NA		5	23	<1	<5		
L10EG BLA		14	100	<1	<5		
L10EG 0+25NA		14	25	1	<5		
L10EG 0+50NA		6	35	1	<5		
L10EG 0+75NA		6	22	<1	<5		
L10EG 1+00NA		8	38	1	<5		
L10EG 1+25NA		6	27	2	<5		
L10EG 3+25NA		9	39	1	<5		
L10EG 3+50NA		6	29	3	<5		
L10EG 3+75NA		6	47	2	<5		
L10EG 4+00NA		6	44	1	<5		
L10EG 4+25NA		6	56	<1	<5		
L10EG 4+50NA		4	33	1	<5		
L10EG 4+75NA		4	25	1	<5		I-8
L10EG 5+00NA		4	36	<1	<5		
L10EG 5+25NA		5	42	1	<5		
L10EG 5+50NA		7	49	1	<5		
L10EG 5+75NA		8	24	2	<5		
L10EG 6+00NA		9	44	<1	<5		
L10EG 6+25NA		9	61	<1	<5		
L10EG 6+50NA		6	40	<1	<5		
L10EG 6+75NA		9	6	<1	<5		
L10EG 7+00NA		7	48	2	5		
L10EG 7+25NA		8	56	1	<5		
L10EG 7+50NA		9	40	<1	<5		
L10EG 7+75NA		8	26	<1	<5		
L10EG 8+00NA		9	50	<1	<5		
L14EG 0+00NA		23	24	1	<5		
L14EG 0+25NA		14	19	<1	<5		
L14EG 0+50NA		6	26	<1	<5		
L14EG 0+75NA		8	36	1	5		
L14EG 1+00NA		4	20	1	<5		
L14EG 1+25NA		7	32	2	<5		
L14EG 1+50NA		3	11	<1	5		
L14EG 1+75NA		3	25	<1	<5		
L14EG 2+00NA		4	26	<1	<5		
L14EG 2+50NA		3	16	2	<5		
L14EG 2+75NA		5	32	2	<5		
L14EG 3+00NA		3	23	<1	<5		
L14EG 3+25NA		6	44	1	<5		
L14EG 3+50NA		4	20	<1	<5		
L14EG 3+75NA		4	10	1	<5		
L14EG 4+00NA		4	20	2	<5		
L14EG 4+25NA		9	60	1	<5		
L14EG 4+50NA		5	33	1	<5		
L14EG 4+75NA		6	42	1	<5		
L14EG 5+00NA		7	12	1	<5		
L14EG 5+25NA		6	34	1	<5		
L14EG 5+50NA		5	38	2	<5		
L14EG 5+75NA		6	38	<1	<5		
L14EG 6+00NA		11	43	<1	<5		
L14EG 6+25NA		10	52	1	<5		
L14EG 6+50NA		12	20	1	<5		
L14EG 6+75NA		14	104	1	<5		
L14EG 7+00NA		15	56	<1	<5		
L14EG 7+25NA		10	140	<1	<5		
L14EG 7+50NA		16	142	1	<5		
L14EG 7+75NA		12	72	1	<5		
L14EG 8+00NA		14	170	1	5		
L15EG 3+75NA		5	25	1	<5		
L15EG 4+00NA		4	20	1	<5		
L15EG 4+25NA		3	16	1	<5		
L15EG 4+50NA		3	7	2	<5		
L15EG 4+75NA		7	48	<1	<5		
L15EG 5+00NA		4	20	<1	<5		
L15EG 5+25NA		5	44	2	5		
L15EG 5+50NA		4	13	2	<5		
L15EG 5+75NA		9	43	<1	<5		
L15EG 6+00NA		10	75	2	<5		
L15EG 6+25NA		12	60	<1	<5		
L15EG 6+50NA		10	90	<1	<5		
L15EG 6+75NA		10	38	<1	<5		
L15EG 7+00NA		8	66	2	<5		
L15EG 7+25NA		6	25	1	<5		
L15EG 7+50NA		15	76	3	<5		

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REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L11EG 5+75NA		11	120	1	<5		
L11EG 6+00NA		17	92	1	<5		
L11EG 6+25NA		14	96	1	<5		
L11EG 6+50NA		21	53	2	<5		
L11EG 6+75NA		67	54	1	<5		
L11EG 7+00NA		14	88	1	<5		
L11EG 7+25NA		10	80	1	<5		
L11EG 7+50NA		10	48	1	<5		
L11EG 7+75NA		9	68	1	<5		
L11EG 8+00NA		12	74	1	5		
L12EG 0+00NA		8	68	<1	<5		
L12EG 0+25NA		3	16	<1	<5		
L12EG 0+50NA		4	26	<1	<5		
L12EG 0+75NA		8	57	2	<5		
L12EG 1+00NA		2	28	1	<5		
L12EG 1+25NA		2	31	2	<5		
L12EG 1+50NA		4	40	1	<5		
L12EG 1+75NA							
L12EG 2+00NA		4	54	<1	<5		
L12EG 2+25NA		9	45	1	<5		
L12EG 2+50NA		2	35	1	<5		
L12EG 2+75NA		6	47	<1	<5		
L12EG 3+00NA		5	57	1	<5		
L12EG 3+25NA		9	46	1	<5		
L12EG 3+50NA		3	26	<1	<5		
L12EG 3+75NA		3	41	<1	<5		
L12EG 4+00NA		3	14	<1	5		
L12EG 4+25NA		7	100	2	<5		
L12EG 4+50NA		4	54	1	<5		
L12EG 4+75NA		10	64	2	<5		
L12EG 5+00NA		6	40	2	<5		
L12EG 5+25NA		11	107	2	<5		
L12EG 5+50NA		9	54	1	<5		
L12EG 5+75NA		14	115	1	<5		
L12EG 6+00NA		13	126	<1	<5		
L12EG 6+25NA		11	112	2	<5		
L12EG 6+50NA		10	79	2	<5		
L12EG 6+75NA		12	109	1	<5		
L12EG 7+00NA		10	122	1	<5		
L12EG 7+25NA		14	16	<1	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt
L12EG 7+50NA		8	66	<1	<5	
L12EG 7+75NA		4	58	<1	<5	
L12EG 8+00NA		5	26	<1	<5	
L15EG 0+00NA		37	37	<1	<5	
L15EG 0+25NA		36	36	2	<5	
L15EG 0+50NA		27	24	3	<5	
L15EG 0+75NA		14	44	<1	<5	
L15EG 1+00NA		10	23	1	<5	
L15EG 1+25NA		6	27	2	<5	
L15EG 1+50NA		3	17	2	<5	
L20EG 7+00NA		17	52	2	<5	
L20EG 7+25NA		20	30	2	<5	
L20EG 7+50NA		15	51	1	<5	
L20EG 7+75NA		3	23	1	<5	
L20EG 8+00NA		6	37	<1	<5	
L21EG 0+00NA		6	15	1	<5	
L21EG 0+25NA		6	19	1	10	
L21EG 0+50NA		7	16	<1	<5	
L21EG 0+75NA		5	24	<1	<5	
L21EG 1+00NA		3	27	<1	<5	
L21EG 1+25NA		3	26	<1	<5	
L21EG 1+50NA		4	30	1	<5	
L21EG 1+75NA		6	45	<1	<5	
L21EG 2+00NA		4	29	1	<5	
L21EG 2+25NA		2	17	<1	<5	
L21EG 2+50NA		3	24	<1	<5	
L21EG 2+75NA		3	16	<1	<5	
L21EG 3+00NA		4	23	<1	<5	
L21EG 3+25NA		3	21	<1	<5	
L21EG 3+50NA		5	21	2	<5	
L21EG 3+75NA		5	17	1	<5	
L21EG 4+00NA		6	24	1	<5	
L21EG 4+25NA		8	31	<1	<5	
L21EG 4+50NA		11	26	<1	<5	
L21EG 4+75NA		14	35	<1	<5	
L21EG 5+00NA		10	43	2	<5	
L21EG 5+25NA		4	31	<1	<5	
L21EG 5+50NA		18	39	<1	<5	
L21EG 5+75NA		13	41	<1	<5	
L21EG 6+00NA		14	45	1	<5	

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APPENDIX v

Humus Survey Assay Data

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BONDAR-CLEGG

Geoch Ltd.

REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gs	NOTES
L9EG 6+75NA		4	23	<1	<5		
L9EG 7+00NA		4	17	1	<5		
L9EG 7+25NA		4	18	1	<5		
L9EG 7+50NA		4	22	<1	<5		
L9EG 7+75NA		6	27	<1	<5		
L9EG 8+00NA		5	23	<1	<5		
L10EG BLA		14	100	<1	<5		
L10EG 0+25NA		14	25	1	<5		
L10EG 0+50NA		6	35	1	<5		
L10EG 0+75NA		6	22	<1	<5		
L10EG 1+00NA		8	36	1	<5		
L10EG 1+25NA		6	27	2	<5		
L10EG 3+25NA		9	38	1	<5		
L10EG 3+50NA		6	29	3	<5		
L10EG 3+75NA		6	47	2	<5		
L10EG 4+00NA		6	44	1	<5		
L10EG 4+25NA		6	56	<1	<5		
L10EG 4+50NA		4	33	1	<5		
L10EG 4+75NA		4	25	1	<5		
L10EG 5+00NA		4	36	<1	<5		
L10EG 5+25NA		5	42	1	<5		
L10EG 5+50NA		7	49	1	<5		
L10EG 5+75NA		8	24	2	<5		
L10EG 6+00NA		9	44	<1	<5		
L10EG 6+25NA		9	61	<1	<5		
L10EG 6+50NA		6	40	<1	<5		
L10EG 6+75NA		9	6	<1	<5		
L10EG 7+00NA		7	48	2	5		
L10EG 7+25NA		8	58	1	<5		
L10EG 7+50NA		9	40	<1	<5		
L10EG 7+75NA		8	26	<1	<5		
L10EG 8+00NA		9	50	<1	<5		
L14EG 0+00NA		23	24	1	<5		
L14EG 0+25NA		14	19	<1	<5		
L14EG 0+50NA		6	26	<1	<5		
L14EG 0+75NA		8	36	1	5		
L14EG 1+00NA		4	20	1	<5		
L14EG 1+25NA		7	32	2	<5		
L14EG 1+50NA		3	11	<1	5		
L14EG 1+75NA		3	25	<1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L14EG 2+00NA		4	26	<1	<5
L14EG 2+50NA		3	16	2	<5
L14EG 2+75NA		5	32	2	<5
L14EG 3+00NA		3	23	<1	<5
L14EG 3+25NA		6	44	1	<5
L14EG 3+50NA		4	20	<1	<5
L14EG 3+75NA		4	10	1	<5
L14EG 4+00NA		4	20	2	<5
L14EG 4+25NA		9	60	1	<5
L14EG 4+50NA		5	33	1	<5
L14EG 4+75NA		6	42	1	<5
L14EG 5+00NA		7	12	1	<5
L14EG 5+25NA		6	34	1	<5
L14EG 5+50NA		5	38	2	<5
L14EG 5+75NA		6	38	<1	<5
L14EG 6+00NA		11	43	<1	<5
L14EG 6+25NA		10	52	1	<5
L14EG 6+50NA		12	20	1	<5
L14EG 6+75NA		14	104	1	<5
L14EG 7+00NA		15	56	<1	<5
L14EG 7+25NA		10	140	<1	<5
L14EG 7+50NA		16	142	1	<5
L14EG 7+75NA		12	72	1	<5
L14EG 8+00NA		14	170	1	5
L15EG 3+75NA		5	25	1	<5
L15EG 4+00NA		4	20	1	<5
L15EG 4+25NA		3	16	1	<5
L15EG 4+50NA		3	7	2	<5
L15EG 4+75NA		7	48	<1	<5
L15EG 5+00NA		4	20	<1	<5
L15EG 5+25NA		5	44	2	5
L15EG 5+50NA		4	13	2	<5
L15EG 5+75NA		9	43	<1	<5
L15EG 6+00NA		10	75	2	<5
L15EG 6+25NA		12	60	<1	<5
L15EG 6+50NA		10	90	<1	<5
L15EG 6+75NA		10	38	<1	<5
L15EG 7+00NA		8	66	2	<5
L15EG 7+25NA		6	25	1	<5
L15EG 7+50NA		15	76	3	<5

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	pt/Au NOTES	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L15EG 7+75NA		6	30	<1	<5		L19EG 0+75NA		18	26	1	<5
L15EG 8+00NA		7	40	<1	<5	I-9	L19EG 6+25NA		24	39	1	<5
L16EG BLA		7	34	1	<5		L19EG 6+50NA		19	48	<1	<5
L16EG 0+25NA		5	22	1	<5		L19EG 6+75NA		25	68	<1	<5
L16EG 0+50NA		5	20	1	<5		L19EG 7+00NA		12	30	2	<5
L16EG 6+50NA		126	28	1	<5	I-9	L19EG 7+25NA		6	24	<1	<5
L16EG 6+75NA		13	92	1	<5		L19EG 7+50NA		4	27	<1	<5
L16EG 7+00NA		13	94	1	<5		L19EG 7+75NA		9	32	<1	<5
L16EG 7+25NA		13	124	<1	<5		L19EG 8+00NA		13	88	<1	<5
L16EG 7+50NA		12	120	1	<5		L20EG 0+00NA		7	46	1	<5
L16EG 7+75NA		13	56	<1	5	I-9	L20EG 0+25NA		10	44	1	<5
L16EG 8+00NA		13	46	1	<5		L20EG 0+50NA		13	52	<1	<5
L17EG 0+00NA		12	64	1	5		L20EG 0+75NA		8	62	1	<5
L17EG 0+25NA		9	64	2	<5		L20EG 1+00NA		5	30	3	<5
L17EG 5+75NA		8	44	1	<5		L20EG 1+25NA		8	32	1	<5
L17EG 6+00NA		5	26	1	<5	I-9	L20EG 1+50NA		5	48	1	<5
L17EG 6+25NA		5	11	1	<5		L25EG BLA		15	108	2	<5
L17EG 6+50NA		10	60	2	<5		L25EG 0+25NA		14	72	2	<5
L17EG 6+75NA		10	36	<1	<5		L25EG 0+50NA		24	32	1	<5
L17EG 7+00NA		25	39	1	<5		L25EG 0+75NA		9	24	1	<5
L17EG 7+25NA		12	78	1	<5		L25EG 1+00NA		32	66	<1	<5
L17EG 7+50NA		11	108	1	<5		L25EG 1+25NA		7	20	<1	<5
L17EG 7+75NA		14	50	<1	<5		L25EG 1+50NA		31	32	<1	<5
L17EG 8+00NA		12	164	<1	<5		L25EG 1+75NA		28	31	<1	<5
L18EG 0+00NA		7	85	2	<5		L25EG 2+00NA		8	30	<1	<5
L18EG 0+25NA		7	31	1	<5		L25EG 2+25NA		12	58	1	<5
L18EG 0+50NA		10	52	1	<5		L25EG 2+50NA		16	88	1	<5
L18EG 0+75NA		13	64	<1	<5		L25EG 2+75NA		5	58	2	<5
L18EG 0+90NA		10	64	1	<5		L25EG 3+00NA		9	52	2	<5
L18EG 6+25NA		9	22	1	<5		L25EG 3+25NA		35	34	2	<5
L18EG 6+50NA		7	45	1	<5	I-9	L25EG 3+50NA		7	40	2	<5
L18EG 6+75NA		6	24	<1	<5		L25EG 3+75NA		12	35	2	<5
L18EG 7+00NA		5	20	<1	<5		L25EG 4+00NA		6	56	2	<5
L18EG 7+25NA		12	20	2	<5		L25EG 4+25NA		8	26	2	<5
L18EG 7+50NA		9	60	<1	<5		L25EG 4+50NA		10	63	2	5
L18EG 7+75NA		9	40	2	<5		L25EG 4+75NA		35	20	2	<5
L18EG 8+00NA		11	44	<1	<5		L25EG 5+00NA		56	19	2	<5
L19EG 0+00NA		22	21	1	<5		L25EG 5+25NA		20	27	1	<5
L19EG 0+25NA		8	54	2	<5		L25EG 5+50NA		24	30	2	5
L19EG 0+50NA		13	30	<1	<5		L25EG 5+75NA		12	34	3	<5

BONDAR-CLEGG

REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L11EG 5+75NA		11	120	1	<5		
L11EG 6+00NA		17	92	1	<5		
L11EG 6+25NA		14	96	1	<5		
L11EG 6+50NA		21	53	2	<5		
L11EG 6+75NA		67	54	1	<5		
L11EG 7+00NA		14	88	1	<5		
L11EG 7+25NA		10	80	1	<5		
L11EG 7+50NA		10	48	1	<5		
L11EG 7+75NA		9	68	1	<5		
L11EG 8+00NA		12	74	1	(5)		
L12EG 0+00NA		8	68	<1	<5		
L12EG 0+25NA		3	16	<1	<5		
L12EG 0+50NA		4	26	<1	<5		
L12EG 0+75NA		8	57	2	<5		
L12EG 1+00NA		2	28	1	<5		
L12EG 1+25NA		2	31	2	<5		
L12EG 1+50NA		4	40	1	<5		
L12EG 1+75NA							
L12EG 2+00NA		4	54	<1	<5		
L12EG 2+25NA		9	45	1	<5		
L12EG 2+50NA		2	35	1	<5		
L12EG 2+75NA		6	47	<1	<5		
L12EG 3+00NA		5	57	1	<5		
L12EG 3+25NA		9	46	1	<5		
L12EG 3+50NA		3	26	<1	<5		
L12EG 3+75NA		3	41	<1	<5		
L12EG 4+00NA		3	14	<1	(5)		
L12EG 4+25NA		7	100	2	<5		
L12EG 4+50NA		4	54	1	<5		
L12EG 4+75NA		10	64	2	<5		
L12EG 5+00NA		6	40	2	<5		
L12EG 5+25NA		11	107	2	<5		
L12EG 5+50NA		9	54	1	<5		
L12EG 5+75NA		14	115	1	<5		
L12EG 6+00NA		13	126	<1	<5		
L12EG 6+25NA		11	112	2	<5		
L12EG 6+50NA		10	79	2	<5		
L12EG 6+75NA		12	109	1	<5		
L12EG 7+00NA		10	122	1	<5		
L12EG 7+25NA		14	16	<1	<5		
L12EG 7+50NA		8	66	<1	<5		
L12EG 7+75NA		4	58	<1	<5		
L12EG 8+00NA		5	26	<1	<5		
L15EG 0+00NA		37	37	<1	<5		
L15EG 0+25NA		36	36	2	<5		
L15EG 0+50NA		27	24	(3)	<5		
L15EG 0+75NA		14	44	<1	<5		
L15EG 1+00NA		10	23	1	<5		
L15EG 1+25NA		6	27	2	<5		
L15EG 1+50NA		3	17	2	<5		
L20EG 7+00NA		17	52	2	<5		
L20EG 7+25NA		20	30	2	<5		
L20EG 7+50NA		15	51	1	<5		
L20EG 7+75NA		3	23	1	<5		
L20EG 8+00NA		6	37	<1	<5		
L21EG 0+00NA		6	15	1	<5		
L21EG 0+25NA		6	19	1	(10)		
L21EG 0+50NA		7	16	<1	<5		
L21EG 0+75NA		5	24	<1	<5		
L21EG 1+00NA		3	27	<1	<5		
L21EG 1+25NA		3	26	<1	<5		
L21EG 1+50NA		4	30	1	<5		
L21EG 1+75NA		6	45	<1	<5		
L21EG 2+00NA		4	29	1	<5		
L21EG 2+25NA		2	17	<1	<5		
L21EG 2+50NA		3	24	<1	<5		
L21EG 2+75NA		3	16	<1	<5		
L21EG 3+00NA		4	23	<1	<5		
L21EG 3+25NA		3	21	<1	<5		
L21EG 3+50NA		5	21	2	<5		
L21EG 3+75NA		5	17	1	<5		
L21EG 4+00NA		6	24	1	<5		
L21EG 4+25NA		8	31	<1	<5		
L21EG 4+50NA		11	26	<1	<5		
L21EG 4+75NA		14	35	<1	<5		
L21EG 5+00NA		10	43	2	<5		
L21EG 5+25NA		4	31	<1	<5		
L21EG 5+50NA		18	39	<1	<5		
L21EG 5+75NA		13	41	<1	<5		
L21EG 6+00NA		14	45	1	<5		

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gm	NOTES
L25EG 6+00NA		11	15	1	<5		
L25EG 6+25NA		12	18	2	<5		
L25EG 6+50NA		8	50	2	<5		
L25EG 6+75NA		10	54	2	<5		
L25EG 7+00NA		8	25	1	<5		
L25EG 7+25NA		17	60	<1	<5		
L25EG 7+50NA		11	38	<1	<5		
L25EG 7+75NA		9	64	<1	<5		
L25EG 8+00NA		14	100	<1	<5		
L26EG BLA		19	35	<1	<5		
L26EG 0+25NA		12	80	<1	<5		
L26EG 0+50NA		17	65	2	<5		
L26EG 0+75NA		8	48	<1	<5		
L26EG 1+00NA		8	27	1	<5		
L26EG 1+25NA		24	68	1	<5		
L26EG 1+50NA		10	120	2	<5		
L26EG 1+75NA		11	43	2	<5		
L26EG 2+00NA		9	51	<1	<5		
L26EG 2+25NA		7	36	<1	<5		
L26EG 2+50NA		9	65	<1	<5		
L26EG 2+75NA		11	84	1	<5		
L26EG 3+00NA		10	48	<1	<5		
L26EG 3+25NA		10	23	<1	<5		
L26EG 3+50NA		9	82	1	<5		
L26EG 3+75NA		7	18	<1	<5		
L26EG 4+00NA		18	124	<1	<5		
L26EG 4+25NA		9	60	<1	<5		
L26EG 4+50NA		8	70	2	<5		
L26EG 4+75NA		7	43	<1	<5		
L26EG 5+00NA		25	40	1	<5		
L26EG 5+25NA		6	22	1	<5		
L26EG 5+50NA		6	18	<1	<5		
L26EG 5+75NA		8	23	<1	<5		
L26EG 6+00NA		5	18	2	<5		
L26EG 6+25NA		4	22	1	<5		
L26EG 6+50NA		5	24	1	<5		
L26EG 6+75NA		5	23	1	(5)		
L26EG 7+00NA		4	20	<1	<5		
L26EG 7+25NA		4	20	<1	<5		
L26EG 7+50NA		4	30	<1	<5		
L26EG 7+75NA		4	20	1	<5		
L26EG 8+00NA		6	24	<1	<5		
L34EG BLA		11	32	<1	<5		
L34EG 0+25NA		35	38	1	<5		
L34EG 1+75NA		9	48	<1	<5		
L34EG 2+00NA		5	34	2	<5		
L34EG 2+25NA		7	38	1	<5		
L34EG 2+50NA		8	56	1	<5		
L34EG 2+75NA		7	68	2	<5		
L34EG 3+00NA		10	58	1	<5		
L34EG 3+25NA		8	58	<1	<5		
L34EG 3+50NA		8	50	1	<5		
L34EG 3+75NA		15	89	<1	<5		
L34EG 4+00NA		9	40	1	<5		
L34EG 4+25NA		11	15	1	<5		
L34EG 4+50NA		5	20	1	<5		
L34EG 5+25NA		8	31	1	<5		
L34EG 5+50NA		5	16	2	<5		
L34EG 5+75NA		14	74	1	<5		
L34EG 6+00NA		6	36	<1	<5		
L34EG 6+25NA		6	42	<1	<5		
L34EG 6+50NA		12	60	<1	<5		
L34EG 6+75NA		13	90	<1	<5		
L34EG 7+00NA		8	50	1	<5		
L34EG 7+25NA		11	92	1	<5		
L34EG 7+50NA		9	74	1	<5		
L34EG 7+75NA		14	128	1	<5		
L34EG 8+00NA		15	190	2	<5		
L34EG 8+25NA		13	112	1	<5		
L34EG 8+50NA		13	92	<1	<5		
L34EG 8+75NA		15	64	<1	<5		
L34EG 9+00NA		12	75	2	<5		
L34EG 9+25NA		12	52	1	<5		
L34EG 9+50NA		9	104	1	<5		
L35EG BLA		13	19	1	<5		
L35EG 2+25NA		8	18	<1	<5		
L35EG 2+50NA		5	30	<1	<5		
L35EG 2+75NA		4	16	1	<5		
L35EG 3+00NA		9	42	2	<5		
L35EG 3+25NA		10	56	1	<5		

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BONDAR-CLEGG

REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L21EG 6+25NA		20	60	1	<5		
L21EG 6+50NA		14	59	1	<5		
L21EG 6+75NA		18	48	1	<5		
L21EG 7+00NA		19	52	1	<5		
L21EG 7+25NA		20	53	<1	<5		
L21EG 7+50NA		18	28	<1	<5		
L21EG 7+75NA		16	40	2	<5		
L21EG 8+00NA		11	44	1	<5		
L23EG 4+00NA		22	32	1	<5		
L23EG 4+25NA		31	23	2	<5		
L23EG 4+50NA		7	23	2	<5		
L23EG 4+75NA		4	25	2	<5		
L23EG 5+00NA		7	39	1	<5		
L23EG 5+25NA		18	24	1	<5		
L23EG 5+50NA		8	68	<1	<5		
L23EG 5+75NA		8	87	1	<5		
L23EG 6+00NA		9	93	1	<5		
L23EG 6+25NA		5	59	<1	<5		
L23EG 6+50NA		9	24	1	<5		
L23EG 6+75NA		7	19	1	<5		
L23EG 7+00NA		3	23	2	<5		
L23EG 7+25NA		6	44	1	<5		
L23EG 7+50NA		7	32	1	<5		
L23EG 7+75NA		9	36	<1	<5		
L23EG 8+00NA		8	40	1	<5		
L24EG 0+00NA		14	171	<1	<5		
L24EG 0+25NA		11	72	<1	<5		
L24EG 0+50NA		10	36	1	<5		
L24EG 0+75NA		10	21	1	<5		
L24EG 1+00NA		13	33	1	<5		
L24EG 1+25NA		26	46	1	<5		
L24EG 1+50NA		8	39	1	<5		
L24EG 1+75NA		13	73	<1	<5		
L24EG 2+00NA		11	38	2	<5		
L24EG 2+25NA		9	52	2	<5		
L24EG 2+50NA		8	33	<1	<5		
L24EG 2+75NA		8	70	1	<5		
L24EG 3+00NA		22	30	1	<5		
L24EG 3+25NA		39	50	2	<5		
L24EG 3+50NA		9	39	<1	<5		
L24EG 3+75NA		8	59	1	<5		
L24EG 4+00NA		16	82	<1	<5		
L27EG 0+00NA		12	123	2	<5		
L27EG 0+25NA		13	45	1	<5		
L27EG 0+50NA		11	141	<1	<5		
L27EG 0+75NA		12	156	<1	<5		
L27EG 1+00NA		14	98	<1	<5		
L27EG 1+25NA		18	55	<1	<5		
L27EG 1+50NA		13	146	2	<5		
L27EG 1+75NA		15	131	<1	<5		
L27EG 2+00NA		12	68	<1	<5		
L27EG 2+25NA		12	174	<1	<5		
L27EG 2+50NA		14	38	2	<5		
L27EG 2+75NA		6	63	<1	<5		
L27EG 3+00NA		34	35	1	<5		
L27EG 3+25NA		32	25	2	<5		
L27EG 3+50NA		9	67	<1	<5		
L27EG 3+75NA		16	65	1	<5		
L27EG 4+00NA		8	43	1	<5		
L27EG 4+25NA		13	103	2	<5		
L27EG 4+50NA		12	42	1	<5		
L27EG 4+75NA		6	46	2	<5		
L27EG 5+00NA		9	90	<1	<5		
L27EG 5+25NA		13	68	1	<5		
L27EG 5+50NA		11	77	2	<5		
L27EG 5+75NA		7	25	2	<5		
L27EG 6+00NA		8	42	1	<5		
L27EG 6+25NA		5	44	<1	<5		
L27EG 6+50NA		5	30	1	<5		
L27EG 6+75NA		5	49	<1	<5		
L27EG 7+00NA		4	26	<1	<5		
L27EG 7+25NA		4	27	<1	<5		
L27EG 7+50NA		2	19	<1	<5		
L27EG 7+75NA		4	30	<1	<5		
L27EG 7+91NA TL		2	17	<1	<5		
L28EG 4+00NA		5	67	<1	<5		
L28EG 4+25NA		3	44	<1	<5		
L28EG 4+50NA		9	93	<1	<5		
L28EG 4+75NA		9	76	1	<5		
L28EG 5+00NA		14	56	<1	<5		

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REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L28EG 5+25NA		5	67	<1	<5		
L28EG 5+50NA		7	45	<1	<5		
L28EG 5+75NA		11	90	1	<5		
L28EG 6+00NA		9	54	<1	<5		
L28EG 6+25NA		10	43	2	<5		
L28EG 6+50NA		5	70	1	<5		
L28EG 6+75NA		4	34	1	<5		
L28EG 7+00NA		8	46	1	<5		
L28EG 7+25NA		2	18	1	<5		
L28EG 7+50NA		4	34	<1	<5		
L28EG 7+75NA		2	16	<1	<5		
L28EG 8+00NA		7	54	<1	<5		
L29EG 0+00NA		6	9	2	<5		
L29EG 0+25NA		8	67	2	<5		
L29EG 0+50NA		7	14	2	<5		
L29EG 0+75NA		7	26	<1	<5		
L29EG 1+00NA		12	107	<1	<5		
L29EG 1+25NA		9	120	<1	<5		
L29EG 1+50NA		8	80	1	<5		
L29EG 1+75NA		7	76	<1	<5		
L29EG 2+00NA		17	46	1	<5		
L29EG 2+25NA		6	47	<1	<5		
L29EG 2+50NA		7	47	1	<5		
L29EG 2+75NA		3	13	1	<5		
L29EG 3+00NA		11	65	1	<5		
L29EG 3+25NA		8	76	1	<5		
L29EG 3+50NA		10	69	2	<5		
L29EG 3+75NA		13	127	1	<5		
L29EG 4+00NA		5	27	1	<5		

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APPENDIX vi

Humus Survey Assay Data

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REPORT: 112-1492 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	WL/Au GM	NOTES
L28EG 5+25NA		5	67	<1	<5		
L28EG 5+50NA		7	45	<1	<5		
L28EG 5+75NA		11	90	1	<5		
L28EG 6+00NA		9	54	<1	<5		
L28EG 6+25NA		10	43	2	<5		
L28EG 6+50NA		5	70	1	<5		
L28EG 6+75NA		4	34	1	<5		
L28EG 7+00NA		8	46	1	<5		
L28EG 7+25NA		2	16	1	<5		
L28EG 7+50NA		4	34	<1	<5		
L28EG 7+75NA		2	16	<1	<5		
L28EG 8+00NA		7	54	<1	<5		
L29EG 0+00NA		6	9	2	<5		
L29EG 0+25NA		8	67	2	<5		
L29EG 0+50NA		7	14	2	<5		
L29EG 0+75NA		7	26	<1	<5		
L29EG 1+00NA		12	107	<1	<5		
L29EG 1+25NA		9	120	<1	<5		
L29EG 1+50NA		8	80	1	<5		
L29EG 1+75NA		7	76	<1	<5		
L29EG 2+00NA		17	46	1	<5		
L29EG 2+25NA		6	47	<1	<5		
L29EG 2+50NA		7	47	1	<5		
L29EG 2+75NA		3	13	1	<5		
L29EG 3+00NA		11	65	1	<5		
L29EG 3+25NA		8	76	1	<5		
L29EG 3+50NA		10	69	2	<5		
L29EG 3+75NA		13	127	1	<5		
L29EG 4+00NA		5	27	1	<5		

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REPORT: 112-1493 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L30EG 0+00NA		25	88	6	<5		
L30EG 0+25NA		18	49	2	10		
L30EG 0+50NA		14	72	1	5		
L30EG 0+75NA		12	97	1	<5		
L30EG 1+00NA		12	142	1	<5		
L30EG 1+25NA		10	90	1	<5		
L30EG 1+50NA		8	65	1	<5		
L30EG 1+75NA		15	84	1	<5		
L30EG 2+00NA		11	74	1	<5		
L30EG 2+25NA		12	87	2	<5		
L30EG 2+50NA		14	48	1	<5		
L30EG 2+75NA		15	60	2	<5		
L30EG 3+00NA		10	38	3	<5		
L30EG 3+25NA		12	68	<1	<5		
L30EG 3+50NA		16	146	1	<5		
L30EG 3+75NA		12	125	1	<5		
L30EG 4+00NA		15	116	<1	<5		
L30EG 4+25NA		14	102	2	<5		
L30EG 4+50NA		14	100	1	<5		
L30EG 4+75NA		10	22	1	<5		
L30EG 5+00NA		18	12	1	<5		
L30EG 5+25NA		12	22	2	<5		
L30EG 5+50NA		6	43	2	<5		
L30EG 5+75NA		8	82	1	<5		
L30EG 6+00NA		9	82	2	<5		
L30EG 6+25NA		13	17	<1	<5		
L30EG 6+50NA		26	18	1	<5		
L30EG 6+75NA		7	54	1	<5		
L30EG 7+00NA		6	83	<1	<5		
L30EG 7+25NA		9	84	2	<5		
L30EG 7+50NA		6	52	1	<5		
L30EG 7+75NA		10	46	1	<5		
L30EG 8+00NA		11	49	2	<5		
L30EG 8+25NA		10	35	2	<5		
L30EG 8+50NA		5	39	2	<5		
L30EG 8+75NA		7	19	<1	<5		
L30EG 9+00NA		18	90	2	<5		
L31EG 0+00NA		15	66	1	<5		
L31EG 0+25NA		14	62	2	<5		
L31EG 0+50NA		10	58	1	<5		
L31EG 0+75NA		9	64	2	<5		
L31EG 1+00NA		18	69	2	<5		
L31EG 1+25NA		13	95	2	<5		
L31EG 1+50NA		11	40	<1	<5		
L31EG 1+75NA		16	26	2	<5		
L31EG 2+00NA		8	63	2	<5		
L31EG 2+25NA		12	64	2	<5		
L31EG 2+50NA		13	116	2	<5		
L31EG 2+75NA		13	72	<1	<5		
L31EG 3+00NA		34	34	<1	<5		
L31EG 3+25NA		10	69	<1	<5		
L31EG 3+50NA		13	92	<1	<5		
L31EG 3+75NA		8	23	2	<5		
L31EG 4+00NA		12	109	<1	<5		
L31EG 4+25NA		6	58	<1	<5		
L31EG 4+50NA		10	70	1	<5		
L31EG 4+75NA		17	90	1	<5		
L31EG 5+00NA		14	96	2	<5		
L31EG 5+25NA		10	124	2	<5		
L31EG 5+50NA		16	116	1	<5		
L31EG 5+75NA		8	97	2	5		
L31EG 6+00NA		10	54	1	<5		
L31EG 6+25NA		44	6	3	<5		
L31EG 6+50NA		16	21	2	<5		
L31EG 6+75NA		5	60	1	<5		
L31EG 7+00NA		5	53	1	<5		
L31EG 7+25NA		10	34	3	<5		
L31EG 7+50NA		12	160	1	5		
L31EG 7+75NA		17	102	2	<5		
L31EG 8+00NA		14	73	1	<5		
L31EG 8+25NA		21	138	1	<5		
L31EG 8+50NA		14	138	1	<5		
L31EG 8+75NA		34	43	<1	<5		
L31EG 9+00NA		30	32	2	<5		
L32EG 0+00NA		11	74	2	<5		
L32EG 0+25NA		15	132	1	<5		
L32EG 0+50NA		12	84	<1	<5		
L32EG 0+75NA		9	27	1	<5		
L32EG 1+00NA		10	50	<1	<5		
L32EG 1+25NA		29	32	2	<5		

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REPORT: 112-1493 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L32EG 1+50NA		30	35	4	<5		
L32EG 1+75NA		26	26	3	<5		
L32EG 2+00NA		18	44	2	<5		
L32EG 2+25NA		12	50	4	<5		
L32EG 2+50NA		13	125	6	<5		
L32EG 2+75NA		13	30	3	<5		
L32EG 3+00NA		9	32	3	<5		
L32EG 3+25NA		15	108	2	<5		
L32EG 3+50NA		6	42	2	<5		I-10
L32EG 3+75NA		11	63	3	<5		
L32EG 4+00NA		10	123	2	<5		
L32EG 4+25NA		13	108	1	<5		
L32EG 4+50NA		11	104	1	<5		
L32EG 4+75NA		10	89	1	<5		
L33EG 4+00NA		9	16	1	<5		
L33EG 4+25NA		7	22	1	<5		
L33EG 4+50NA		4	21	1	<5		
L33EG 4+75NA		6	37	1	<5		
L33EG 5+00NA		11	52	1	<5		I-10
L33EG 5+25NA		10	73	<1	<5		
L33EG 5+50NA		15	165	<1	<5		
L33EG 5+75NA		13	205	1	<5		
L33EG 6+00NA		17	220	1	<5		
L33EG 6+25NA		16	56	<1	<5		
L33EG 6+50NA		14	98	1	<5		
L33EG 6+75NA		16	127	2	<5		
L33EG 7+00NA		11	315	2	<5		
L33EG 7+25NA		14	120	1	<5		
L33EG 7+50NA		17	204	2	<5		
L33EG 7+75NA		20	176	1	<5		
L33EG 8+00NA		14	136	2	<5		
L33EG 8+25NA		17	162	2	<5		
L33EG 8+50NA		14	84	1	<5		
L33EG 8+75NA		11	52	1	<5		
L36E-53A		25	83	2	<5		
L36E-54A		57	28	1	<5		
L36E-55A		15	57	<1	<5		
L36E-56A		40	43	1	<5		
L36E-57A		37	22	<1	<5		
L36E-58A		14	53	<1	10		
L36E-59A		43	23	1	<5		
L36E-60A		15	20	1	<5		
L36E-61A		18	25	1	<5		
L36E-62A		12	50	2	<5		
L36E-63A		14	44	<1	<5		
L36E-64A		16	16	<1	<5		
L36E-65A		13	88	1	<5		
L36E-66A		11	64	<1	<5		
L36E-67A		12	41	1	<5		
L36E-68A		17	106	1	<5		
L36E-69A		19	50	<1	<5		
L36E-70A		16	110	2	<5		
L36E-71A		16	107	3	<5		
L36E-72A		13	24	<1	<5		
L36E-73A		17	23	6	<5		
L36E-74A		16	68	3	<5		
L36E-75A		12	63	1	<5		
L36E-76A		12	40	2	<5		
L36E-77A		12	29	1	<5		
L36E-78A		12	74	1	<5		
L36E-79A		11	89	1	<5		
L36E-80A		6	21	2	5		
L36E-81A		23	74	1	<5		
L36E-82A		18	35	1	<5		
L36E-83A		9	35	1	<5		
L36E-84A		12	76	1	<5		
L36E-85A		12	64	2	<5		
L36E-86A		14	67	1	<5		
L36E-87A		13	62	1	<5		
L36E-88A		12	45	<1	<5		
L36E-89A		17	40	1	<5		
L36E-90A		12	82	2	<5		
L36E-91A		15	98	2	<5		
L36E-92A		15	32	1	<5		
L36E-93A		14	67	2	<5		
L36E-94A		18	85	1	<5		
L36E-95A		10	84	<1	<5		
L36E-96A		12	55	<1	<5		
L36E-97A		14	93	<1	<5		
L36E-98A		17	112	<1	<5		

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REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gm	NOTES
L25EG 6+00NA		11	15	1	<5		
L25EG 6+25NA		12	18	2	<5		
L25EG 6+50NA		8	50	2	<5		
L25EG 6+75NA		10	54	2	<5		
L25EG 7+00NA		8	25	1	<5		
L25EG 7+25NA		17	60	<1	<5		
L25EG 7+50NA		11	38	<1	<5		
L25EG 7+75NA		9	64	<1	<5		
L25EG 8+00NA		14	100	<1	<5		
L26EG BLA		19	35	<1	<5		
L26EG 0+25NA		12	60	<1	<5		
L26EG 0+50NA		17	65	2	<5		
L26EG 0+75NA		8	48	<1	<5		
L26EG 1+00NA		8	27	1	<5		
L26EG 1+25NA		24	68	1	<5		
L26EG 1+50NA		10	120	2	<5		
L26EG 1+75NA		11	43	2	<5		
L26EG 2+00NA		9	51	<1	<5		
L26EG 2+25NA		7	36	<1	<5		
L26EG 2+50NA		9	65	<1	<5		
L26EG 2+75NA		11	84	1	<5		
L26EG 3+00NA		10	48	<1	<5		
L26EG 3+25NA		10	23	<1	<5		
L26EG 3+50NA		9	82	1	<5		
L26EG 3+75NA		7	18	<1	<5		
L26EG 4+00NA		18	124	<1	<5		
L26EG 4+25NA		9	60	<1	<5		
L26EG 4+50NA		8	70	2	<5		
L26EG 4+75NA		7	43	<1	<5		
L26EG 5+00NA		25	40	1	<5		
L26EG 5+25NA		6	22	1	<5		
L26EG 5+50NA		6	18	<1	<5		
L26EG 5+75NA		8	23	<1	<5		
L26EG 6+00NA		5	18	2	<5		
L26EG 6+25NA		4	22	1	<5		
L26EG 6+50NA		5	24	1	<5		
L26EG 6+75NA		5	23	1	5		
L26EG 7+00NA		4	20	<1	<5		
L26EG 7+25NA		4	20	<1	<5		
L26EG 7+50NA		4	30	<1	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au gm	NOTES
L26EG 7+75NA		4	20	1	<5		
L26EG 8+00NA		5	24	<1	<5		
L34EG BLA		11	32	<1	<5		
L34EG 0+25NA		35	38	1	<5		
L34EG 1+75NA		9	48	<1	<5		
L34EG 2+00NA		5	34	2	<5		
L34EG 2+25NA		7	38	1	<5		
L34EG 2+50NA		8	56	1	<5		
L34EG 2+75NA		7	68	2	<5		
L34EG 3+00NA		10	58	1	<5		
L34EG 3+25NA		8	58	<1	<5		
L34EG 3+50NA		8	50	1	<5		
L34EG 3+75NA		15	89	<1	<5		
L34EG 4+00NA		9	40	1	<5		
L34EG 4+25NA		11	15	1	<5		
L34EG 4+50NA		5	20	1	<5		
L34EG 5+25NA		8	31	1	<5		
L34EG 5+50NA		5	16	2	<5		
L34EG 5+75NA		14	74	1	<5		
L34EG 6+00NA		6	36	<1	<5		
L34EG 6+25NA		6	42	<1	<5		
L34EG 6+50NA		12	60	<1	<5		
L34EG 6+75NA		13	90	<1	<5		
L34EG 7+00NA		8	50	1	<5		
L34EG 7+25NA		11	92	1	<5		
L34EG 7+50NA		9	74	1	<5		
L34EG 7+75NA		14	128	1	<5		
L34EG 8+00NA		15	190	2	<5		
L34EG 8+25NA		13	112	1	<5		
L34EG 8+50NA		13	92	<1	<5		
L34EG 8+75NA		15	64	<1	<5		
L34EG 9+00NA		12	75	2	<5		
L34EG 9+25NA		12	52	1	<5		
L34EG 9+50NA		9	104	1	<5		
L35EG BLA		13	19	1	<5		
L35EG 2+25NA		8	18	<1	<5		
L35EG 2+50NA		5	30	<1	<5		
L35EG 2+75NA		4	16	1	<5		
L35EG 3+00NA		9	42	2	<5		
L35EG 3+25NA		10	56	1	<5		

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[redacted]

BONDAR-[illegible]

REPORT: 112-1311 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au	NOTES
L35EG 3+50NA		7	32	1	<5		
L35EG 3+75NA		9	31	<1	<5		
L35EG 4+00NA		19	70	<1	<5		
L35EG 4+25NA		10	39	<1	<5		
L35EG 4+50NA		14	47	<1	<5		
L35EG 4+75NA		18	36	<1	<5		
L35EG 5+00NA		28	21	1	<5		
L35EG 5+25NA		22	28	1	<5		
L35EG 5+50NA		30	40	1	5		
L35EG 5+75NA		31	44	1	5		
L35EG 6+00NA		33	48	1	<5		
L35EG 6+25NA		35	38	1	<5		
L35EG 6+50NA		34	44	2	<5		
L35EG 6+75NA		27	48	1	<5		
L35EG 7+00NA		20	62	1	<5		
L35EG 7+25NA		14	36	1	<5		
L35EG 7+50NA		11	70	2	<5		
L35EG 7+75NA		10	68	2	<5		
L35EG 8+00NA		12	96	<1	<5		
L35EG 8+25NA		18	195	<1	<5		
L35EG 8+50NA		13	58	1	<5		
L35EG 8+75NA		12	38	1	<5		
L35EG 9+00NA		8	38	<1	<5		
L35EG 9+25NA		16	90	<1	<5		
L35EG 9+50NA		12	136	2	<5		
L35EG 9+75NA		15	130	2	<5		
L37EG 0+00NA		8	43	1	<5		
L37EG 0+25NA		10	70	<1	<5		
L37EG 0+50NA		13	52	1	<5		
L37EG 0+75NA		8	72	2	<5		
L37EG 1+00NA		13	40	2	<5		
L37EG 1+25NA		8	34	1	<5		
L37EG 1+50NA		14	100	1	<5		
L37EG 1+75NA		18	60	<1	<5		
L37EG 2+00NA		12	26	<1	<5		
L37EG 2+25NA		14	28	1	<5		
L37EG 2+50NA		17	19	2	<5		
L37EG 2+75NA		12	26	<1	<5		
L37EG 3+00NA		15	39	2	<5		
L37EG 3+25NA		14	36	2	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au	NOTES
L37EG 3+50NA		46	47	1	<5		
L37EG 3+75NA		13	72	2	<5		
L37EG 4+00NA		10	72	2	<5		
L37EG 4+25NA		13	76	2	<5		
L37EG 4+50NA		8	36	2	<5		
L37EG 4+75NA		11	56	1	<5		
L37EG 5+00NA		14	83	1	<5		
L37EG 5+25NA		9	80	2	<5		
L37EG 5+50NA		13	70	1	<5		
L37EG 5+75NA		12	63	2	<5		
L37EG 6+00NA		11	34	2	<5		
L37EG 6+25NA		12	71	2	<5		
L37EG 6+50NA		14	54	2	<5		
L37EG 6+75NA		18	80	1	<5		
L37EG 7+00NA		11	72	1	<5		
L37EG 7+25NA		9	16	2	<5		
L37EG 7+50NA		10	70	3	<5		
L37EG 7+75NA		8	62	2	<5		
L37EG 8+00NA		18	48	1	<5		
L37EG 8+25NA		13	70	1	<5		
L37EG 8+50NA		13	108	1	<5		
L37EG 8+75NA		15	110	<1	<5		
L37EG 9+00NA		13	52	<1	<5		
L37EG 9+25NA		16	64	<1	<5		
L37EG 9+50NA		17	85	<1	<5		
L38EG BLA		10	82	<1	<5		
L38EG 0+25NA		12	40	1	<5		
L38EG 0+50NA		14	68	1	<5		

REPORT: 112-1493 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L36E-99A		16	69	<1	<5		
L36E-100A		15	152	<1	<5		
L36E-101A		12	86	1	<5		
L36E-102A		28	52	1	<5		
L36E-103A		16	39	1	<5		
L36E-104A		15	48	<1	<5		
L36E-105A		16	78	1	<5		
L36E-106A		86	40	1	<5		
L36E-107A		27	8	2	<5		
L36E-108A		16	16	2	<5		
L36E-109A		21	60	2	<5		
L36E-110A		12	96	3	<5		
L36E-111A		13	84	2	<5		
L36E-112A		12	65	1	<5		
L36E-113A		35	40	<1	<5		
L36E-114A		14	18	<1	<5		
L36E-115A		18	68	<1	<5		
L36E-116A		16	65	2	<5		
L36E-117A		28	21	2	<5		
L36E-118A		12	100	2	<5		
L36E-119A		21	55	<1	<5		
L36E-120A		54	45	<1	<5		
L36E-121A		13	60	3	<5		
L36E-122A		203	40	7	5		
L36E-123A		14	76	<1	<5		
L36E-124A		14	144	<1	<5		
L36E-125A		17	80	1	5		
L36E-126A		10	66	2	<5		
L36E-127A		37	42	1	<5		
L36E-128A		26	57	1	<5		
L36E-129A		38	24	2	<5		
L36E-130A		42	44	3	<5		
L36E-131A		46	52	4	<5		
L36E-132A		23	53	4	<5		
L36E-133A		34	74	2	<5		
L36E-134A		17	42	4	<5		
L36E-135A		112	61	8	<5		
L36E-136A		28	27	3	<5		
L36E-137A		60	20	8	<5		
L36E-138A		50	16	10	<5		

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM
L36E-139A		58	13	11	<5	
L36E-140A		20	50	3	<5	
L36E-141A		45	20	6	<5	
L36E-142A		16	78	3	<5	
L36E-143A		56	10	4	<5	
L36E-144A		15	7	4	<5	
L36E-145A		48	40	5	<5	
L36E-146A		58	18	2	<5	
L36E-147A		18	52	1	<5	
L36E-148A		32	10	1	<5	
L36E-149A		30	27	<1	<5	
L36E-150A		16	45	1	<5	
L36E-151A		45	34	1	<5	
L36E-152A		55	34	2	<5	
L36E-153A		26	40	2	<5	
L36E-154A		22	31	<1	<5	
L36E-155A		14	62	<1	<5	
L36E-156A		24	78	<1	<5	
L36E-157A		14	76	2	<5	
L36EG 7+25NA		8	40	<1	<5	
L36EG 7+50NA		10	65	<1	<5	
L36EG 7+75NA		13	106	2	<5	
L36EG 8+00NA		10	90	2	<5	
L36EG 8+25NA		14	90	2	<5	
L36EG 8+50NA		12	92	1	<5	
L36EG 8+75NA		17	130	<1	<5	
L36EG 9+00NA		16	116	1	<5	
L36EG 9+25NA		18	210	1	<5	
L36EG 9+50NA		16	170	1	<5	
L36EG 9+75NA		14	143	1	<5	
L39EG 5+50NA		11	100	3	<5	
L39EG 5+75NA		12	22	1	<5	
L39EG 6+00NA		10	88	<1	<5	
L39EG 6+25NA		9	92	1	<5	
L39EG 6+50NA		23	34	2	<5	
L39EG 6+75NA		14	120	<1	<5	
L39EG 7+00NA		12	110	1	<5	
L39EG 7+25NA		11	95	2	<5	
L39EG 7+50NA		8	62	2	<5	
L39EG 7+75NA		12	132	2	<5	

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Canada V7J 2C1
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Telex: 04-352578

BONDAR-CLEGG

REPORT: 112-1493 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM	NOTES
L39EG 8400NA		13	124	3	<5		
L39EG 8425NA		20	40	2	<5		
L39EG 8450NA		42	52	4	<5		
L39EG 8475NA		10	180	2	<5		
L39EG 9400NA		22	149	2	5		I-10
L39EG 9425NA		22	49	3	<5		
L39EG 9450NA		16	64	<1	<5		
L39EG 9475NA		10	26	<1	<5		
L39EG 10400NA		30	28	2	<5		
L39EG 10420NA		11	68	2	<5		
L40E-34A		12	69	2	<5		
L40E-35A		21	42	1	<5		
L40E-36A		22	126	3	<5		
L40E-37A		23	84	2	<5		
L40E-38A		13	46	2	<5		
L40E-39A		17	35	1	<5		
L40E-40A		20	26	1	<5		
L40E-41A		14	36	1	<5		
L40E-42A		25	77	<1	<5		
L40E-43A		28	34	<1	<5		
L40E-44A		12	40	<1	<5		
L40E-45A		20	89	<1	<5		
L40E-46A		18	92	<1	<5		
L40E-47A		13	63	<1	<5		
L40E-48A		20	200	<1	<5		
L40E-49A		16	78	<1	<5		
L40E-50A		14	116	<1	<5		
L40E-51A		13	112	<1	5		
L40E-52A		16	23	2	<5		
L40E-53A		10	26	1	<5		
L40E-54A		16	56	1	5		
L40E-55A		18	80	1	<5		
L40E-56A		13	156	1	<5		
L40E-57A		28	32	6	<5		
L40E-58A		15	28	3	<5		
L40E-59A		14	120	2	<5		
L40E-60A		16	57	2	<5		
L40E-61A		32	32	1	5		
L40E-62A		18	73	2	<5		
L40E-63A		16	52	2	<5		
L40E-64A		14	64	2	<5		
L40E-65A		9	52	1	<5		
L40E-66A		9	53	2	<5		
L40E-67A		22	93	2	<5		
L40E-68A		17	24	2	5		
L40E-69A		27	41	2	<5		
L40E-70A		16	21	4	<5		
L40E-71A		26	40	3	<5		
L40E-72A		7	41	2	<5		
L40E-73A		10	52	2	<5		
L40E-74A		24	34	2	<5		
L40E-75A		14	32	1	<5		
L40E-76A		10	116	2	<5		
L40E-77A		14	60	3	<5		
L40E-78A		20	22	1	<5		
L40E-79A		17	56	<1	<5		
L40E-80A		11	108	<1	<5		
L40E-81A		10	72	1	<5		
L40E-82A		12	70	1	<5		
L40E-83A		13	56	1	<5		
L40E-84A		15	120	1	<5		
L40E-85A		16	72	1	5		
L40E-86A		10	80	1	<5		
L40E-87A		14	105	1	<5		
L40E-88A		10	140	1	<5		
L40E-89A		20	105	3	<5		
L40E-90A		16	305	3	<5		
L40E-91A		10	205	1	<5		
L40E-92A		12	152	1	<5		
L40E-93A		12	80	1	5		
L40E-94A		10	42	2	<5		
L40E-95A		10	104	2	5		
L40E-96A		12	112	2	<5		
L40E-97A		10	128	3	<5		
L40E-98A		32	36	1	<5		
L40E-99A		11	86	3	<5		
L40E-100A		9	44	1	<5		
L40E-101A		13	62	2	<5		
L40E-102A		11	92	1	<5		
L40E-103A		9	40	2	<5		

Bondar-Clegg & Company Ltd
[redacted]
Ottawa, Ontario
[redacted]
Tele: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 112-1366 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB	WI/AU NOTES GM
L38EG 0+75NA		10	70	<1	<5	
L38EG 1+00NA		11	72	2	<5	
L38EG 1+25NA		9	50	2	<5	
L38EG 1+50NA		6	35	<1	<5	
L38EG 1+75NA		7	104	1	<5	
L38EG 2+00NA		9	37	<1	25	
L38EG 2+25NA		11	90	1	<5	
L38EG 2+50NA		7	38	1	<5	
L38EG 2+75NA		8	35	2	<5	
L38EG 3+00NA		30	15	2	<5	
L38EG 3+25NA		8	13	1	<5	
L38EG 3+50NA		10	52	<1	<5	
L38EG 3+75NA		20	30	<1	<5	
L38EG 4+00NA		55	23	3	<5	I-10
L38EG 4+25NA		44	70	1	<5	
L38EG 4+50NA		8	43	2	<5	
L38EG 4+75NA		8	26	1	<5	
L38EG 5+00NA		8	25	2	<5	
L38EG 5+25NA		10	70	1	<5	
L38EG 5+50NA		7	44	<1	<5	
L38EG 5+75NA		7	38	2	<5	
L38EG 6+00NA		7	56	<1	<5	
L38EG 6+25NA		10	38	1	<5	
L38EG 6+50NA		11	92	1	<5	
L38EG 6+75NA		7	58	2	<5	
L38EG 7+00NA		10	52	2	<5	
L38EG 7+25NA		9	52	2	<5	
L38EG 7+50NA		7	46	1	<5	
L38EG 7+75NA		10	61	2	<5	
L38EG 8+00NA		13	85	1	<5	
L38EG 8+25NA		11	41	1	<5	
L38EG 8+50NA		16	31	1	<5	
L38EG 8+75NA		12	46	1	<5	
L38EG 9+00NA		9	85	1	15	
L38EG 9+25NA		9	67	1	<5	
L38EG 9+50NA		12	76	2	<5	
L38EG 9+75NA		8	33	1	<5	
L38EG 10+00NA		11	100	1	<5	
L40EG ELK		14	20	1	5	
L40EG 0+25NA		40	64	1	<5	

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Mo PPM	Au PPB
L40EG 0+50NA		20	55	<1	5
L40EG 0+75NA		42	43	<1	<5
L40EG 1+00NA		15	42	<1	<5
L40EG 1+25NA		23	82	1	<5
L40EG 1+50NA		11	61	2	<5
L40EG 1+75NA		5	21	1	<5
L40EG 2+00NA		8	32	1	<5
L40EG 2+25NA		8	37	<1	<5
L40EG 2+50NA		14	18	<1	<5
L40EG 2+75NA		9	64	<1	<5
L40EG 3+00NA		16	32	<1	<5
L40EG 3+25NA		15	52	1	<5
L40EG 3+50NA		40	20	2	<5
L40EG 3+75NA		42	23	<1	<5
L40EG 4+00NA		8	52	2	<5
L40EG 4+25NA		32	34	2	<5
L40EG 4+50NA		26	56	1	<5
L40EG 4+75NA		9	64	2	<5
L40EG 5+00NA		30	87	1	<5
L40EG 5+25NA		23	140	1	<5
L40EG 5+50NA		22	44	1	<5
L40EG 5+75NA		38	45	<1	<5
L40EG 6+00NA		16	46	<1	5
L40EG 6+25NA		45	40	1	<5
L40EG 6+50NA		26	86	<1	5
L40EG 6+75NA		10	123	<1	<5
L40EG 7+00NA		21	118	<1	<5
L40EG 7+25NA		12	65	2	<5
L40EG 7+50NA		22	56	1	<5
L40EG 7+75NA		15	148	2	<5
L40EG 8+00NA		11	120	2	<5
L40EG 8+25NA		9	122	1	<5
L40EG 8+50NA		12	76	2	<5
L40EG 8+75NA		12	144	2	<5
L40EG 9+00NA		70	68	2	<5
L40EG 9+25NA		11	104	<1	<5
L40EG 9+50NA		11	120	1	<5
L40EG 9+75NA		10	64	3	<5
L40EG 10+00NA		7	49	2	<5
L40EG 10+20NA		7	45	1	<5

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Cedar Lake Office
Box 580,
Manitouwadge, Ontario.
P0T 2C0
(807) 822-2139

LAC

Lac Minerals Ltd.
Exploration Division

I, Edward James Clark, hold a bachelors degree from the University of Guelph. (1982).

I have been employed by Lac Minerals Ltd. as a member of the Geochemistry Staff since April 16, 1983. Previous to this (since 1976) I have frequently been employed by mineral exploration companies to assist on geochemistry and other projects.

E.J. Clark.

E.J. Clark
March 28, 1984

Cedar Lake Office
Box 580,
Manitouwadge, Ontario.
P0T 2C0
(807) 822-2139

LAC

Lac Minerals Ltd.
Exploration Division

I, G. Alexander Motzok, do hereby certify that:

i) I have graduated from the University of Western Ontario, London Ontario, with a B.A. in Geology.

ii) I have been employed by Lac Minerals Ltd. as a Geologist since January 1982.

March 20, 1984

G.A. Motzok.

900

Mining Lands Section

File No 26726

Control Sheet

TYPE OF SURVEY

____ GEOPHYSICAL

____ GEOLOGICAL

✓ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

Checked

lga. L.D.

J. Hurst

Signature of Assessor

July 10/84

Date

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOCHEMICAL

Township or Area BROTHERS TOWNSHIP

Claim Holder(s) LAC MINERALS LTD.
BOX 580 MANITOUWADGE, Ontario P0T 2C0

Survey Company LAC MINERALS LTD.

Author of Report E.J. Clark

Address of Author BOX 580 MANITOUWADGE, Ontario P0T 2C0

Covering Dates of Survey July 01, 1983 to April 28, 1984
(linecutting to office)

Total Miles of Line Cut 28.75 km

SPECIAL PROVISIONS CREDITS REQUESTED		DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	Geophysical	
	--Electromagnetic	
	--Magnetometer	
ENTER 20 days for each additional survey using same grid.	–Radiometric	
	–Other	
	Geological	
	Geochemical	40

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: _____ SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

RECEIVED
MAY 9 1984
MINING LANDS SECTION

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
SSM	607736 & 607946
SSM	607737 607947
SSM	607738 607948
SSM	607739 607971
SSM	607740 607972
SSM	607741 607973
SSM	607742
SSM	607743
SSM	607744
SSM	607745
SSM	607746
SSM	607747
SSM	607748
SSM	607749
SSM	607750
SSM	607751
SSM	607752
SSM	607753
SSM	607754
SSM	607755
SSM	607756
SSM	607757

TOTAL CLAIMS 28

If space insufficient, attach list

OFFICE USE ONLY

837 (5/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken SSM 607736, 607737, 607738, 607739, 607740, 607741, 607742, 607743, 607744, 607745, 607746, 607747, 607748, 607749, 607750, 607751, 607752, 607753, 607754, 607755, 607756, 607757, 607946, 607947, 607948, 607971, 607972, 607973.

Total Number of Samples 932

Type of Sample HUMUS
(Nature of Material)

Average Sample Weight 200 g.

Method of Collection MOTTOCK

Soil Horizon Sampled "A"

Horizon Development PODZOLIC

Sample Depth 2-10 cm

Terrain mostly lowland - higher ground to south

Drainage Development poor

Estimated Range of Overburden Thickness unknown

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -50

Drying, screening, crushing, ashing,

General

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☒
p. p. b. ☒

(Cu) Pb, (Zn) Ni, Co, Ag, (Mo) As,-(circle)

Others Au

Field Analysis (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (3728 tests)

Name of Laboratory BONDAR - CLEGG

Extraction Method FIRE-LEACHING

Analytical Method FIRE ASSAY AA CARBON ROD

Reagents Used Hydrobromic Acid, Bromine

General A complete description of analytical method is described in Appendix (ii)

Ontario — Ministry of Natural Resources

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

#1-155-84

2.6726

The Mining Act

July 9th

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s)	Township or Area
GEOCHEMICAL	BROTHERS TOWNSHIP

Claim Holder(s)	Prospector's Licence No.
LAC MINERALS LTD.	T-664

Address: P.O. BOX 580 MANITOUWADGE, Ontario POT 2CO

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
LAC MINERALS LTD.	01 07 84 (Day Mo. Yr.) 28 04 84 (Day Mo. Yr.)	28.75 km

Name and Address of Author (of Geo-Technical report): E.J. Clark, P.O. Box 580 MANITOUWADGE, Ontario POT 2CO

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	· Radiometric	
	· Other	
	Geological	
	Geochemical	40

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	607736	
	607737	
	607738	
	607739	
	607740	1
	607741	
	607742	
	607743	
	607744	
	607745	
	607746	
	607747	
	607748	
	607749	
	607750	
	607751	
	607752	
	607753	
	607754	
	607755	
	607756	
	607757 ✓	
	See Revised Statement	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	607946	
	607947	
	607948	
	607971	
	607972	
	607973 ✓	

RECEIVED
MAY 17 1984
MINING LANDS SECTION

SAULT STE. MARIE
MINING DIV.
RECEIVED
MAY 10 1984
A.M. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Total number of mining claims covered by this report of work: 28

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$	+	15	=	

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
May 4/84	

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
1120	May 10/84	
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: V.R. Venn P. Eng. P.O. Box 580 MANITOUWADGE, Ontario POT 2CO

Date Certified	Certified by (Signature)
May 4/84	

1362 (81/9)

file on SSM 607736

Ministry of Natural Resources
Ontario

Technical Assessment
Work Credits

File 2.6726

Date 1984 07 24

Mining Recorder's Report of Work No. 155-84

Recorded Holder: LAC MINERALS LTD

Township or Area: BROTHERS TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM 607736 to 741 inclusive 607744 to 757 inclusive 607946-47-48 607971-72-73
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 29 days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ Insufficient technical data filed

SSM 607742-43

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60:

2.6726

607736	3/4				607946	✓													
37	3/4				47	✓													
38	3/4				48	3/4													
39	3/4				607971	3/4													
40	3/4				72	✓													
41	3/4				73.	✓													
42	∅					9.75													
43	∅																		
44	3/4																		
45	1/2				28 claims														
46	1/4				2 NC														
47	1/4				26 × 40 = 1040														
48	✓				1040 ÷ 35.75 = 29														
49	1/2																		
50	1/2																		
51	1/4																		
52	1/4																		
53	1/4																		
54	1/4																		
55	✓																		
56	✓																		
57	✓																		

1984 05 22

Your File:
Our File: 2.6726

Mrs. M.V. St. Jules
Mining Recorder
Ministry of Natural Resources
875 Queen Street East
P.O. Box 669
Sault Ste. Marie, Ontario
P6A 5N2

Dear Madam:

We have received reports and maps for a Geochemical Survey submitted under Special Provisions (credit for Performance and Coverage) on mining Claims SSM 607736 et al in the Township of Brothers.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-6918

A. Barr:sc

cc: Lac Minerals Limited
Box 580
Manitouwadge, Ontario
P0T 2C0

Ministry of
Natural
Resources
Ontario

Aug 8/84

1984 07 24

Your File: 155-P'
Our File: 2.6726

Mrs. M.V. St. Jules
Mining Recorder
Ministry of Natural Resources
875 Queen Street East, Box 669
Sault Ste. Marie, Ontario
P6A 5N2

Dear Madam:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

S. Hurst:mc

Encls.

cc: Lac Minerals Ltd
P.O. Box 580
Manitouwadge, Ontario
P0T 2C0

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Ministry of Natural Resources

Ontario

Notice of Intent

for Technical Reports

1984 07 24

2.6726/155-84

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

1984 08 16

Your File: 155-84
Our File: 2.6726

Mrs. M.V. St. Jules
Mining Recorder
Ministry of Natural Resources
875 Queen Street East, Box 669
Sault Ste. Marie, Ontario
P6A 5N2

Dear Madam:

RE: Notice of Intent dated July 24, 1984
Geochemical Survey on Mining Claims
SSM 607736 et al in the Township of
Brothers

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

S. Hurst:mc

cc: Lac Minerals Ltd
P.O. Box 580
Manitouwadge, Ontario
P0T 2C0

cc: Resident Geologist
Sault Ste. Marie, Ontario

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Encl.

FOR ADDITIONAL INFORMATION SEE MAPS:

42C/12NW-0050 #1-4

8000 E | 8500 E | L-12 W | L-11 W | 9000 E | L-10 W | L-9 W | L-8 W | L-7 W | L-6 W | 9500 E | L-5 W | L-4 W

11,000 N

10,500 N

TL 8+00 N

7+00 N

6+00N

5+00N

4+00N

3+00N

CL76W

CL72W

CL68W

N

REFERENCE MAP

Claim Post

Cut Grid Line

Spodine

Cabins & Workings

Main Shaft

Open Cuts

Open Pits

Open Cuts, work etc.

Creek, Cayuga qtz.

123456

Stations on L 12W might be off set to the north.

Company Road

BOMBY TWP
BROTHERS TWP.

CEDAR CREEK

607736

607737

607756

607757

floating muskeg

upper ground swamp

Geochemistry

Grid sampling Survey - Humus - 1982.

Data Plot + Au/Mo/Cu/Zn/; Assay Data

Cu anomalies

isopleths - 30 ppm
- 60 ppm
- 90 ppm

Au plotted in ppb's
Mo, Cu, Pb, Zn plotted in ppm's

LAC MINERALS LIMITED

WHITE RIVER PROPERTY

DRAWN BY H.M. Kennedy DATE

GEOLOGY BY

ENGINEERING BY

APPROVED BY E.J. Clark

DRAWING NO. N.T.S.

INDEX Nº 1-7

0 60 90 150m

1 : 2,000

REVISED BY	DATE	APPROVED BY	DATE

42C/12NW-0050 #1

Sault Ste Marie
Mining Division.

2.6726 bkp
2.6726

1

200

9500 E | L-4 W | L-3 W | L-2 W | L-1 W | 10,000 E | L-1 E | L-2 E | L-3 E | L-4 E | 10,500 E | L-5 E | L-6 E | L-7 E | L-8 E | L-9 E | 11,000 E | L-10 E | L-11 E | L-12 E | L-13 E

11,000 N

607738 | 607739 | 607740 | 607741

TL 8+00 N

7+00 N

6+00 N

5+00 N

4+00 N

3+00 N

10,500 N

607755 | 607754 | 607753 | 607752

LAKE

AU (GOLD)

CL 68W

Consult Reconnaissance Data Plots CL 64W

Consult Reconnaissance Data Plots CL 60W

Consult Reconnaissance Data Plots CL 56W

Reconnaissance Data CL 52W.

Geochemistry
Humus Sampling Program.
Assay Data Plot

example <5/21/6/56 (Au (ppb) / Ag (ppm) / Cu (ppm) / Zn (ppm))

LAC MINERALS LIMITED
WHITE RIVER PROPERTY

2.6726

DRAWN BY H.M.Kennedy
GEOLOGY BY E. Clark March/84
ENGINEERING BY
APPROVED BY E. Clark
DRAWING No. N.T.S.

INDEX No. 1 - 8

0 40 80 120 ft.
1 : 2000

REVISED BY	DATE	APPROVED BY	DATE

42C12NW0044 42C12NW0050 HOLSON LAKE

210

42C/12NW-0050 #2

Sault Ste Marie Mining Division

42C/12NW-0050 #1

2.6726

42C/12NW-0050

L-13 E | L-14 E | L-15 E | 11,500 E | L-16 E | L-17 E | L-18 E | L-19 E | L-20 E | 12,000 E | L-21 E | L-22 E | L-23 E | L-24 E | L-25 E | 12,500 E | L-26 E | L-27 E | L-28 E | 13,000 E

11,000 N

10,500 N

SSM 607742

SSM 607743

SSM 607744

SSM 607745

SSM 607748

SSM 607749

SSM 607750

SSM 607751

TL 8+00 N

4+00 N

E G G L A K E

CL 52 W
See Results

CL 48 W
See Results

CL 44W
See Results

CL 40W
See Results

CL 36W
See Results

REFERENCE MAP

- Claim Post Surveyed
- Cut Grid Line
- Baseline
- Eastings & Northings (reference grid, local)
- Claim Number
- Claim Lines
- Claim Post Surveyed
- Open Water (lakes swamps, ponds etc.)
- Creeks, Streams, etc.

Geochemistry
Humus Sampling Survey - 1982
Assay Data plot

Sample Location + Au(ppb)/Mo(ppm)/Cu(ppm)/Zn(ppm)

2.6726

LAC MINERALS LIMITED
WHITE RIVER PROPERTY

DRAWN BY H. M. Kennedy DATE
GEOLOGY BY
ENGINEERING BY
APPROVED BY E.J. Clark
DRAWING Nº: N.T.S.

INDEX Nº I - 9

0 40 80 120 m
1:2000

REVISED BY	DATE	APPROVED BY	DATE
		2.6726	

42C/12NW-0050 #3

42C/12NW-0050 #3

42C12NW0044 42C12NW0050 MOLSON LAKE

220

L-28 E | L-29 E | 13,000 E | L-30 E | L-31 E | L-32 E | L-33 E | L-34 E | 13,500 E | L-35 E | L-36 E | L-37 E | L-38 E | L-39 E | 14,000 E | L-40 E

11,000 N

10,500 N

RUST LAKE

N

TL 8+00 N

SSM 607746

SSM 607747

SSM 607946

SSM 607947

SSM 607948

SSM 609971

SSM 607972

SSM 607976

10+00 N

9+00 N

8+00N

7+00 N

6+00 N

5+00N

4+00N

3+00N

2+00N

See Results CL 36W

See Results CL. 32W

See Results CL 28W

See Results CL 24W

See Results CL20W

REFERENCE MAP

- Claim Post unsurveyed
- Cut Grid Line
- Baseline
- Eastings & Northings (referenced to grid, cut or
- Claim Number
- Claim Lines
- Claim Post surveyed
- Open Water (lakes, swamps, ponds etc
- Creeks, Streams etc.

Sample Location — Au(ppb)/Mo(ppm)/Cu(ppm)/Zn(ppm)

42C/12NW-0050 #4

2.6726

LAC MINERALS LIMITED

WHITE RIVER PROPERTY

Au/Mo/Cu/Zn Assay Plot - 1982 Humus Sampling Survey

DRAWN BY H.M.Kennedy DATE

GEOLOGY BY

ENGINEERING BY

APPROVED BY E.J. Cook

DRAWING Nº. N.T.S.

INDEX Nº. 1 - 10

0 40 80 120 m.

1:2000

REVISED BY	DATE	APPROVED BY	DATE
E.J. Cook	April 1984		

42C12NW0044 42C12NW0050 HOLSON LAKE

230

2.6726