010

LAC MINERALS LTD.
K-6, L-6 PROPERTY REPORT

written by: E.J. Clark
maps by: Micheal Kahu
C.L. Marshall
Nikki Ray

date: March, 1984

claims: SSM 386674
SSM 386675
SSM 386676
SSM 386677
SSM 386678
SSM 625579
SSM 625580

E J Clark.

TABLE OF CONTENTS

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY K-6 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
4) Anomalous Values Index Map (Au)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au
   ii) Au/Mo
2) Contoured Overburden Depth Plot (1,2,3,5,10m)
3) Anomalous Values Index Map (Au,Mo,As,Sb,Hg)

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY L-6 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Standards Location Map
4) Soil Environment Plot

LIST OF FIGURES

LIST OF APPENDICES

i) Example - Soil Samplers Card and Decoding Key

ii) Grid Assay Data -a) Humus -b) Basal Till

iii) Reconnaissance Assay Data

iv) J. Hill's Reconnaissance Anomalies Follow-up

v) B Horizon Assay Data
- used as Follow-up for Reconnaissance Anomalies

vi) General Description of Bondar Clegg Analytical Techniques

vii) List of General Reference Geochemical Survey Reports
- Williams and White River Properties

viii) List of Reconnaissance Geochemical Survey Maps
- White River Property -- West, Central and East Map Sheets

ix) List of Sub Property Geochemical Survey Maps
- Sub Properties other than K-6, L-6

x) List of Williams Property Geochemical Maps

xi) List of Anomalous Values Compilation Maps
- Humus, B Horizon and Basal Till

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 various 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 proceded 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 INTRODUCTION (Continued ...)

REFERENCES

This report can be considered a supplement to Geological Mapping Lac Minerals Ltd. Property K-6, White River Claim Group. D. McIlveen, BSc., M. Stanely BSc. referred to as "D. McIlveen's K-6 Geology".

.2 LOCATION AND ACCESS

Subproperties K-6 and L-6 are comprised of claims SSM 386674, SSM 386675, SM 386676, SSM 386677, SSM 386678, SSM 625579 and SSM 625580, all located entirely within Bomby Township, Sault Ste. Marie Mining District.

Two separate paths were used for access into the claim group. A well worn path, 1.5km long, used by hunters and/or fisherman is flagged approximately 50 meters south of the C.P.R. railway crossing on the Lac Minerals road. The path ends at the northern boundary of Molson Lake along the baseline between grid lines 30+00W and 31+00W. A second path is located about 1.5km south of the C.P.R. railway crossing on Lac Minerals Ltd. road. It extends southward for 800 meters and merges with Lac grid line 26+00W at 3+00N.

Another viable method of access into the claim group is by float plane to Molson Lake.

The White River Property is located in the "Hemlo Mining Camp" and consists of $\simeq$660 mining claims south and east of the known ore bodies. The property as a whole lies south of the C.P.R. rail line and extends from Molson Lake to Reagen Road. The approximate shape of the property is 23 kilometers (east-west) by 5 kilometers (north-south). This claims block has been divided into $\simeq$90 smaller subproperties. K-6 and L-6 represent two subproperties of this larger group.

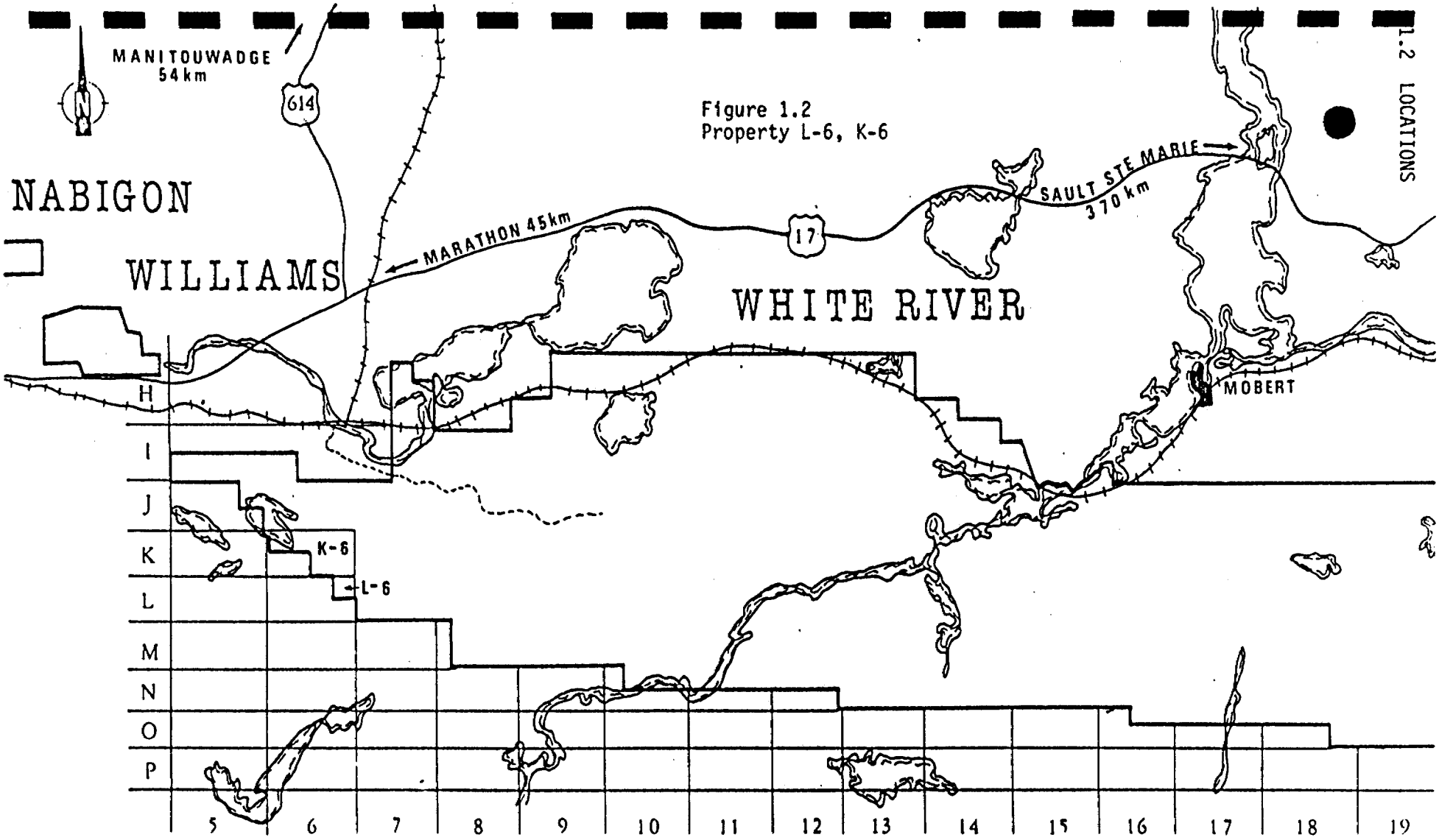


Figure 1.2
Property L-6, K-6

LAC MINERALS LTD

HEMLO LAND HOLDINGS

Scale

0 2" = 5Km 5 10km

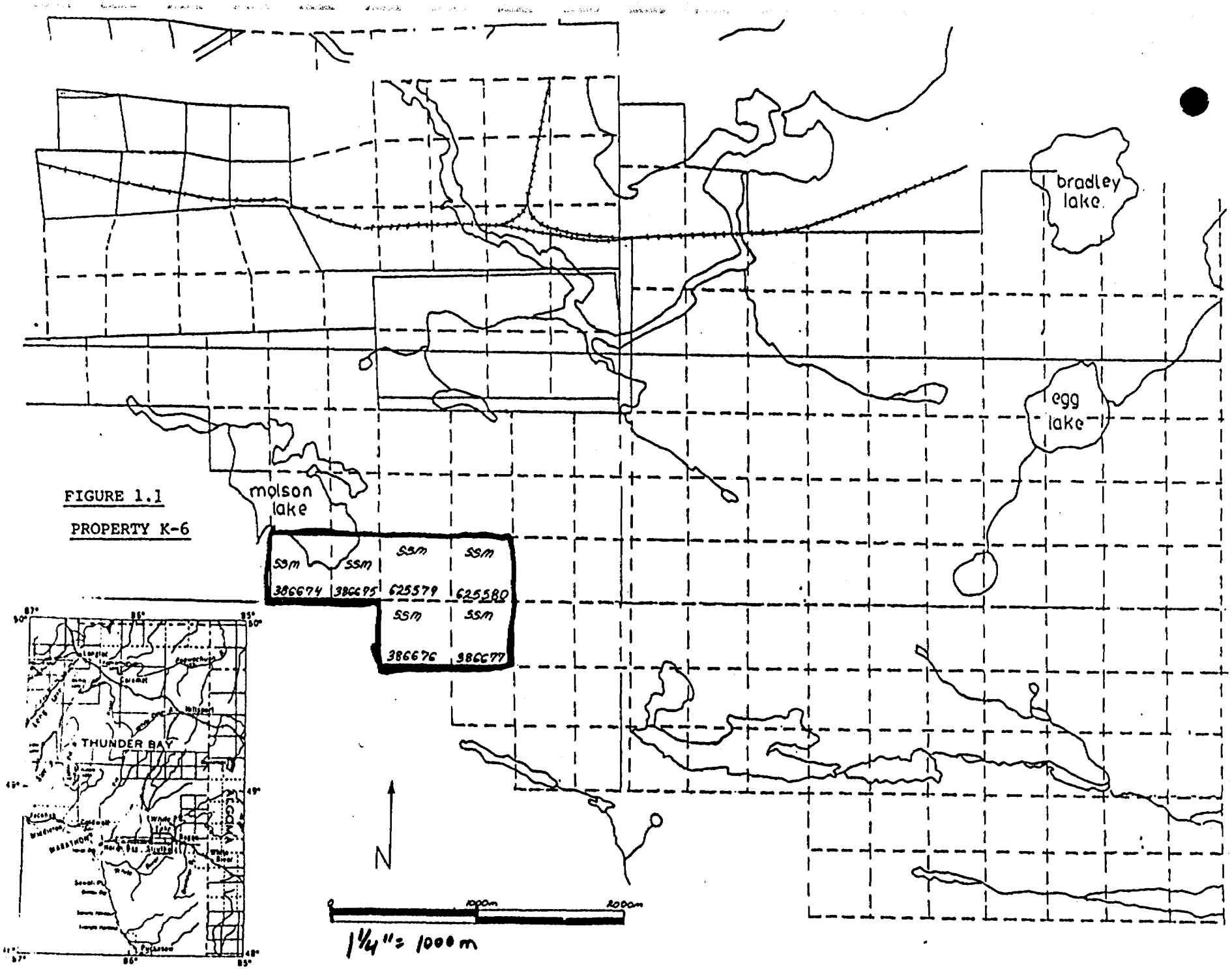


FIGURE 1.1

PROPERTY K-6

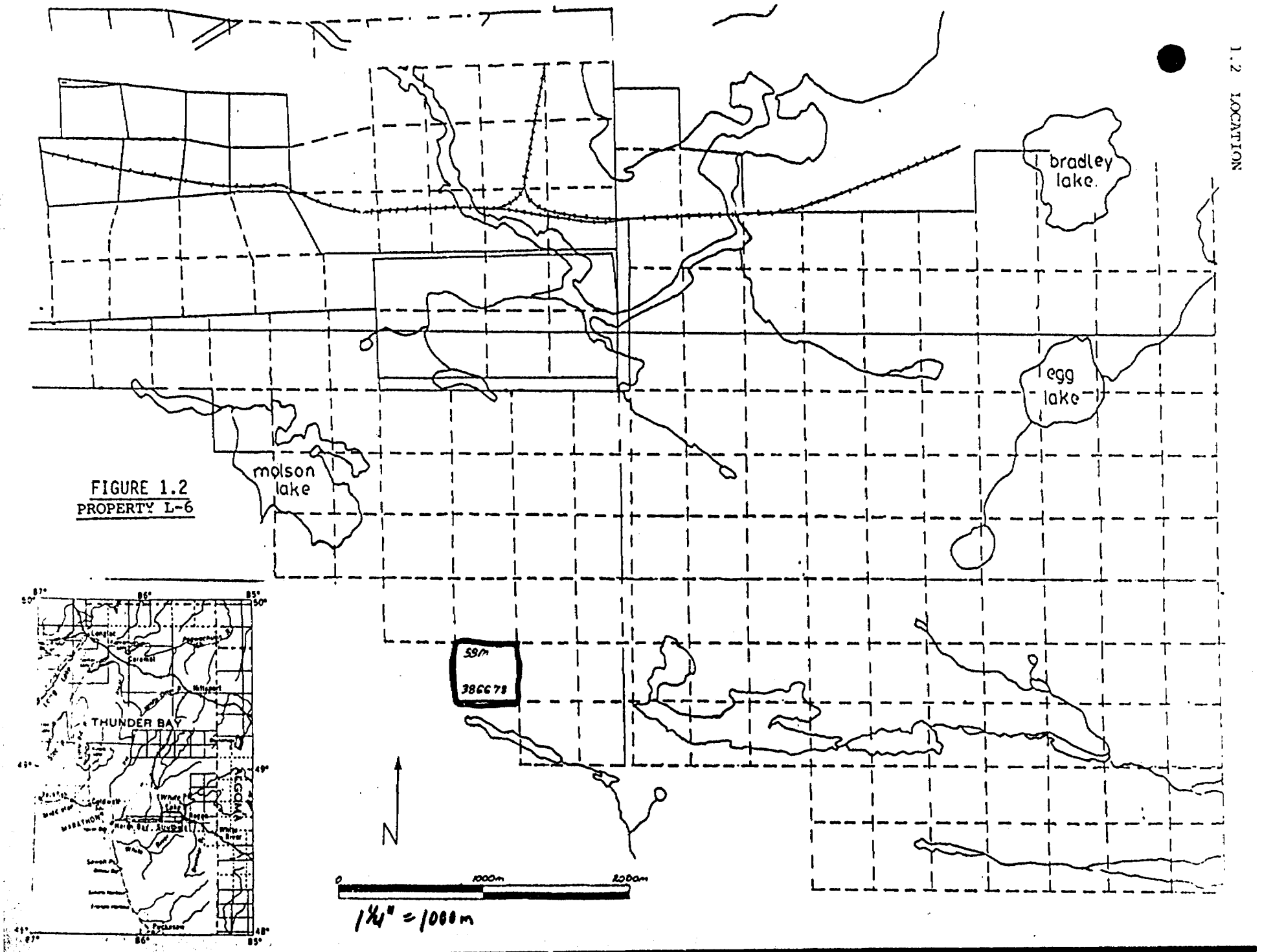


FIGURE 1.2
PROPERTY L-6

1.3 OTHER WORK

Other work conducted on the property by Lac Minerals Ltd. includes airborne geophysical surveys,(MAG, EM, and RAD)in 1981. Geological mapping reconnaissance geochemistry (humus), ground geophysical surveys [Vlf (EM - 16), proton procession magnetometer and I.P] were performed in 1982. During 1983 detailed geological mapping was completed in addition to detailed soil sampling (humus) plus basal till sampling. Lac Minerals has plans for a limited drilling program in the area.

.1 TOPOGRAPHY AND VEGETATION

SAMPLERS FIELD NOTES

Samplers report on the following factors; horizons sampled, horizon description, depth of sampling, drainage, vegetation type and density, and topography. This information is presented in part on a 1:2,000 scale "Soil Environment Plot".

SUMMARY

K-6 and L-6 have post glacial terrain covered with heavy stands of mixed bush. Tree species most common are fir and spruce. In the vast majority of cases fir is more plentiful than the spruce but they usually stand together. Birch and poplar are abundent. Under high ground conditions the birch-poplar concentration exceeds that of the fir and spruce concentration. On low wet ground alders are the predominant tree type. Cedar was noted in the one instance in a low area on this property. Pine was also noted in one area. Swamp occurs at several points on K-6 and L-6. The location of these swamps may be important because they are proximal to anomalous areas. Drainage and topography may be factors worth considering when trying to interpret anomalies in this property.

SAMPLES MISSED DUE TO TERRAIN

386624	23
386675	16

2.2 SOIL

FIELD NOTES

Soil samplers notes indicate that humus is similar to other humus on the White River Property namely state of decompostion, colour and horizon thickness.

A relatively high number of samples - 21 - were described as peat. These samples came from low areas and are characterized by a lower state of decomposition and thick formations.

OVERBURDEN DEPTH

Little basal till sampling was done on this property. Data shows that pockets with a depth greater than 3 meters exist as does shallow (> 1m) overburden. Extrapolations from vegetation data suggest that overburden ranges from relatively deep to shallow in areas not covered by overburden sampling.

Knowledge of overburden depth is useful when interpretating surface geochemistry results because deep overburden impedes enrichment of the upper strata of the soil/ overburden formation. Therefore assay values will be reduced as depth increases. Peat formations are often associated with increased depth. Therefore some areas of this property may not be optimum for this type of surface geochemistry.

2.3 GEOLOGY

STRATIGRAPHY

The main rock types underlying area K-6 are mafic volcanic tuffs and flows with intercalated sedimentary rocks. Minor amounts of felsic and intermediate tuff are interbedded with both the mafic volcanic rocks and the sedimentary rocks. Feldspar porphyritic sills commonly intrude the aforementioned rock types. A granitic rock outcrops at the southwestern edge of the property. All of these rocks have subsequently been intruded by diabase dykes trending approximately north-south.

D. McIlveen K-6 Geology

REGIONAL GEOLOGY

Map area K-6 is part of Lac Minerals Ltd. White River claim group. 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 300° in the western part of the claim group, 270° at the centre and range between 340° in the northwestern and 290° in the southeastern part of the claim group. Rock units dip 45° north but in places vary from almost horizontal to steeply south dipping.

Metamorphism in the area tends to be regional low grade, extending to higher grades on a local scale. West of Lac Minerals Ltd. White River claim group mineral assemblages in volcanic and sedimentary rocks indicate upper greenschist facies regional metamorphism (Muir, 1982).

2.4 SOIL ENVIRONMENT

Included is a listing of Au anomalies from Property K-6 and L-6. The recorded environmental factors are listed with these anomalies. The purpose of this chart is to address the issue of an association between the ambient environment and the possibility of Au concentrations in the soil. Nine anomalies are listed.

The information on the chart indicates a wide range of environments can contain anomalous Au concentrations. To date no practical interpretive use has been found for the information recorded.

The code for naming anomalies can be found in Section 4 - Results. The decoding key for the colour, description and vegetation columns can be found in Appendix (i).

FIGURE 2

PROPERTY: K-6

ANOMALOUS VALUES: Soil Environment

1983 GRID

HORIZON: HUMUS (-50 mesh)

SURFACE GEOCHEM

ANOMALY	HUMIFICATION DEPTH	COLOUR DESCRIPTION	VEGETATION C	VEGETATION D	NOTES	OTHER HORIZONS	GEOLOGY	GEOPHYS.	OVER-BURDEN	OTHER
K-6 AuG #1	6 / 04	BL / H	80	20						
			SF	B						
			Den = 3							
K-6 AuG #2	6 / 05	BL / H	50	50						
			FS	B						
			Den = 3							
K-6 AuG #3	7 / 06	BL / H	50	50						
			FS	MB						
			Den = 3							
K-6 AuG #4	6 / 05	BL / H	70	30						
			FS	BM						
			Den = 3							
K-6 AuG #5	8 / 03	BL / H	70	30						
			F	BM						
			Den = 3							
K-6 AuG #6	7 / 04	BL / H	50	50						
			F	B						
			Den = 3							

FIGURE 2 (cont'd)

PROPERTY: K-6

ANOMALOUS VALUES: Soil Environment

HORIZON: HUMUS (-50 mesh)

1983 GRID

SURFACE GEOCHEM

ANOMALY	HUMIFICATION DEPTH	COLOUR DESCRIPTION	VEGETATION C	VEGETATION D	NOTES	OTHER HORIZONS	GEOLOGY	GEOPHYS.	OVER-BURDEN	OTHER
K-6 AuG #7	8 / 02	BL / H	40	60						
			FS	MB						
			Den = 3							
K-6 AuG #8	4 / 10	BL / H	80	20						
			FS	BM						
			Den = 3							
K-6 AuG #9	7 / 02	BL / H	30	70						
			F	BM						
			Den = 2							
			Den =							
			Den =							
			Den =							

3.0 GEOCHEMISTRY

3.1 FIELD STAFF

Nine soil samplers were employed by Lac Minerals during the summer of 1983. Four of these samplers had worked on the White River Property as samplers for Lac Minerals in 1982. These four samplers were paired with new samplers in an effort to ensure consistency between surveys in 1982-1983. The samplers who sampled the K-6 and L-6 property were Cyndy Marshall, Greg MacMillan, Paul Nieweglowski, Marjorie Johnson and Ron Tasker.

3.1 LIST OF SOIL SAMPLERS

FIGURE 3

PROPERTY - L-6

Claim No.	Samplers
386678	Greg MacMillan, Don MacDonald

PROPERTY - K-6

Claim No.	Samplers
386674	Marjorie Johnson, Paul Niewegloski
386675	Marjorie Johnson, Paul Niewegloski
625579	Marjorie Johnson, Paul Niewegloski
625580	Marjorie Johnson, Paul Niewegloski, Greg MacMillan, Don MacDonald
386676	Marjorie Johnson, Paul Niewegloski
386677	Marjorie Johnson, Paul Niewegloski Greg MacMillan, Don MacDonald

3.7 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 mineral 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 this property was 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 identical 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

TECHNIQUES: RECONNAISSANCE 1982 (continued ...)

in this program. Also sampling interval was 30 meters x 400 meters (claim lines) and samples were air/sun dried.

RECONNAISSANCE FOLLOW-UP (1983):

Anomalies found in the area are listed in the tables contained in White River Property Anomally Follow-up Overview Report. E.J. Clark but were not followed-up by J. Hill's anomalies follow-up program in 1983. A grid sampling program over the area was deemed to provide sufficient coverage.

FIGURE 4.1

HUMUS SAMPLING SUMMARY

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR ELEMENTS	# OF * STANDARDS'	
386674	36	23	58	Au/Mo	2	
386675	17	16	33	Au/Mo	1	
386676	83	0	83	Au/Mo	4	
386677	68	0	68	Au/Mo	3	
625579	33	0	33	Au/Mo	2	
625580	35	0	35	Au/Mo	4	
TOTAL FOR	272	39	310		16	
AVERAGE PER CLAIM	45	6	51		2	

* Standards assigned a number found within this claim.

FIGURE 4.2

HUMUS SAMPLING SUMMARY

CLAIM	APPROXIMATE # OF SAMPLES COLLECTED	APPROXIMATE # OF SAMPLES NOT COLLECTED DUE TO TERRAIN	TOTAL GRID STATIONS POSSIBLE	# OF ELEMENTS ASSAYED FOR ELEMENTS	# OF * STANDARDS'	
386678	84	0	84	Au/Mo	5	
TOTAL FOR	84	0	84		5	
AVERAGE PER CLAIM	84	0	84		5	

* Standards assigned a number found within this claim.

2 TECHNIQUES

BASAL TILL SAMPLING

This survey was conducted by R. Cormier a contractor to Lac Minerals Ltd. The sampling was done in 1983 using a portable motorized impact overburden sampler. Samplers collected their samples in paper bags and recorded the depth of each sample. Properties K-6 and L-6 were sampled on grid lines with stations 25 meters apart and lines 100 meters apart. Basal till sampling was employed on these properties to add information on areas that had I.P. conductors.

The basic theory behind basal till sampling is that the sampling probe will pentrate to bed rock and collect the basal till. This till will hopefully be a lodgement till composed of disintegrating bed rock which was moved very little by glacial action. The success of the technique will depend on these conditions being met.

3.3 LABORATORY SUMMARY

All geochemical samples have been sent to Bondar Clegg and Company in Ottawa.

ELEMENTS ASSAYED FOR

1982

Reconnaissance humus samples were analysed for Au, Mo, Cu, Pb, Zn.

1983

The reconnaissance "B" horizon samples submitted for anomaly follow-up were analysed for Au, Mo. Humus samples collected on the grid were analysed for Au, Mo. Basal till samples were analysed for Au, Mo, Hg, As and Sb.

ANALYTICAL TECHNIQUES

When comparing Au assay values from 1983 to those obtained in 1982 it should be noted that different analytical techniques have been used. During 1982 Au samples were assayed using "Fire Assay - AA" (detection level 5ppb) whereas, in 1983 samples were assayed using "Fire Assay - Carbon Rod" (detection level 1ppb). The apparent effect of this is that 1983 values seem to have a background several parts per billion higher then those from 1982. This is under investigation and statistical corrections may be warranted.

Reference: - Assay descriptions, Bondar-Clegg (Appendix (vi))

White River Property Geochemical Reconnaissance - Humus Sampling Report, E.J. Clark.

3.3 LABORATORY - Approximate Assay Costs

FIGURE 5.1

Property: K-6

SURFACE GEOCHEMICAL SAMPLING

GRID - 1983

Horizon: HUMUS

Claim / Property	# of samples +	# of standards =	Total # of assays	# of elements assayed for	elements	approximate cost/assay	total assays X cost/assay	= cost for assays
SSM 386674	36	2	38	2	Au/Mo	$9.22	38x 9.22	$ 350.36
SSM 386675	17	1	18	2	Au/Mo	$9.22	18x 9.22	$ 165.96
SSM 625579	33	2	35	2	Au/Mo	$9.22	35x 9.22	$ 322.70
SSM 625580	35	4	39	2	Au/Mo	$9.22	39x 9.22	$ 359.58
SSM 386676	83	4	87	2	Au/Mo	$9.22	87x 9.22	$ 802.14
SSM 386677	68	3	71	2	Au/Mo	$9.22	71x 9.22	$ 654.62
K-6	272	16	288	2	Au/Mo	$9.22	288x 9.22	$2655.36

3.3 LABORATORY - Approximate Assay Costs

FIGURE 5.2
SURFACE GEOCHEMICAL SAMPLING
GRID - 1983

Property: L-6

Horizon: HUMUS

laim / Property	# of samples +	# of standards =	Total # of assays	# of elements assayed for	elements	approximate cost/assay	total assays X cost/assay	= cost for assays
SSM 386678	84	5	89	2	Au/Mo	$9.22	89 X 9.22	$ 820.58

3.4 STANDARDS

The reasons for using standards are; to check the precision of the laboratory, to spot for gross contamination and to spot for systematic or reporting errors on the part of the laboratory.

In this survey a standard consists of a humus sample collected on a specific location on the Williams Property. Approximately 200 samples were collected per location and the intention is that these samples should all have similar assay values. To date, seven such locations have been used. Three of these standards, Standard #1. Standard #2 and Standard #3, are employed on properties K-6 and L-6. Twenty-two standards were submitted with assigned station numbers falling within K-6 and L-6.

Extensive use of standards was made in 1983, approximately one out of every 20 samples assayed was a standard. The concept was to have one standard in every laboratory "run". These samples were bagged and labelled similarly to other samples so the laboratory should have been unaware of their presence and location.

Reference: White River Property. Soil Geochemistry Standards Report
E.J. Clark.

3.4 STANDARDS

1983 GEOCHEMICAL: Standards (Humus)

FIGURE 6.1

PROPERTY: K-6

LINE	STATION	STANDARD NUMBER	Au (ppb)	Mo (ppm)	B-C REPORT
34+00W	4+75S	3	28	1	013-1753
33+00W	6+50S	2	35	1	013-1753
29+00W	7+50S	3	69	3	013-1971
28+00W	9+55S	3	30	2	013-1753
27+00W	7+10S	3	321	3	013-1971
27+00W	12+10S	3	94	2	013-1971
26+00W	5+15S	3	126	3	013-1971
26+00W	12+65S	3	22	2	013-1971
25+00W	4+40S	3	39	4	013-1971
25+00W	10+65S	3	13	4	013-1971
24+00W	5+10S	3	30	1	013-1971
24+00W	10+10S	3	3	2	013-1971
23+00W	7+20S	3	64	4	013-1998
23+00W	12+20S	3	52	2	013-1998
22+00W	7+10S	3	60	2	013-1998
22+00W	12+10S	3	2	2	013-1998

3.4 STANDARDS

1983 GEOCHEMICAL: Standards (Humus) FIGURE 6.2 PROPERTY: L-6

LINE	STATION	STANDARD NUMBER	Au (ppb)	Mo (ppm)					B-C REPORT			
24+00W	15+10S	3	62	3					013-1971			
23+00W	17+75S	1	< 1	2					013-1998			
22+00W	17+50S	3	247	3					013-1998			
21+00W	17+50S	3	69	4					013-1998			
20+00W	17+50S	3	122	4					013-2201			

FIGURE 7.1

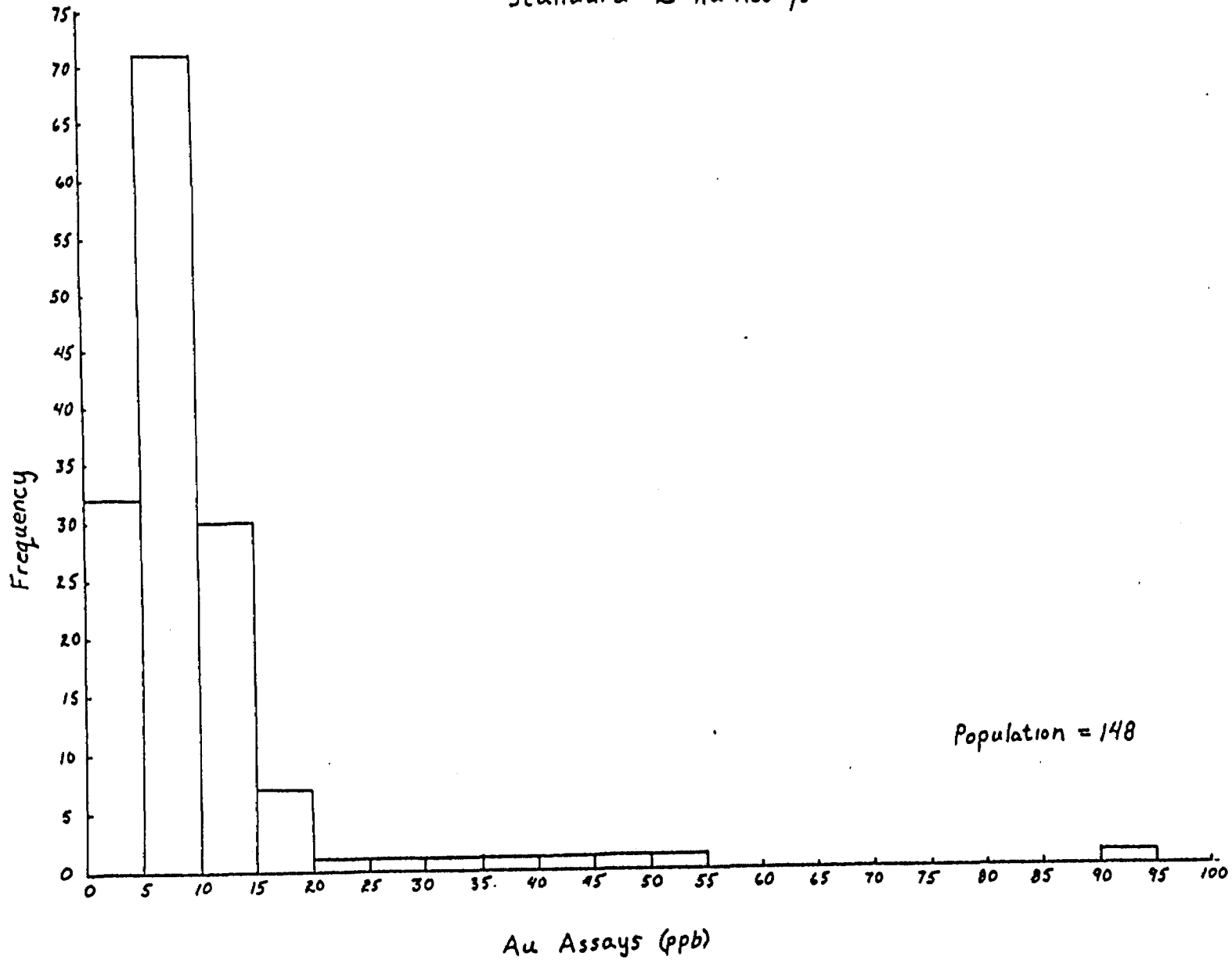
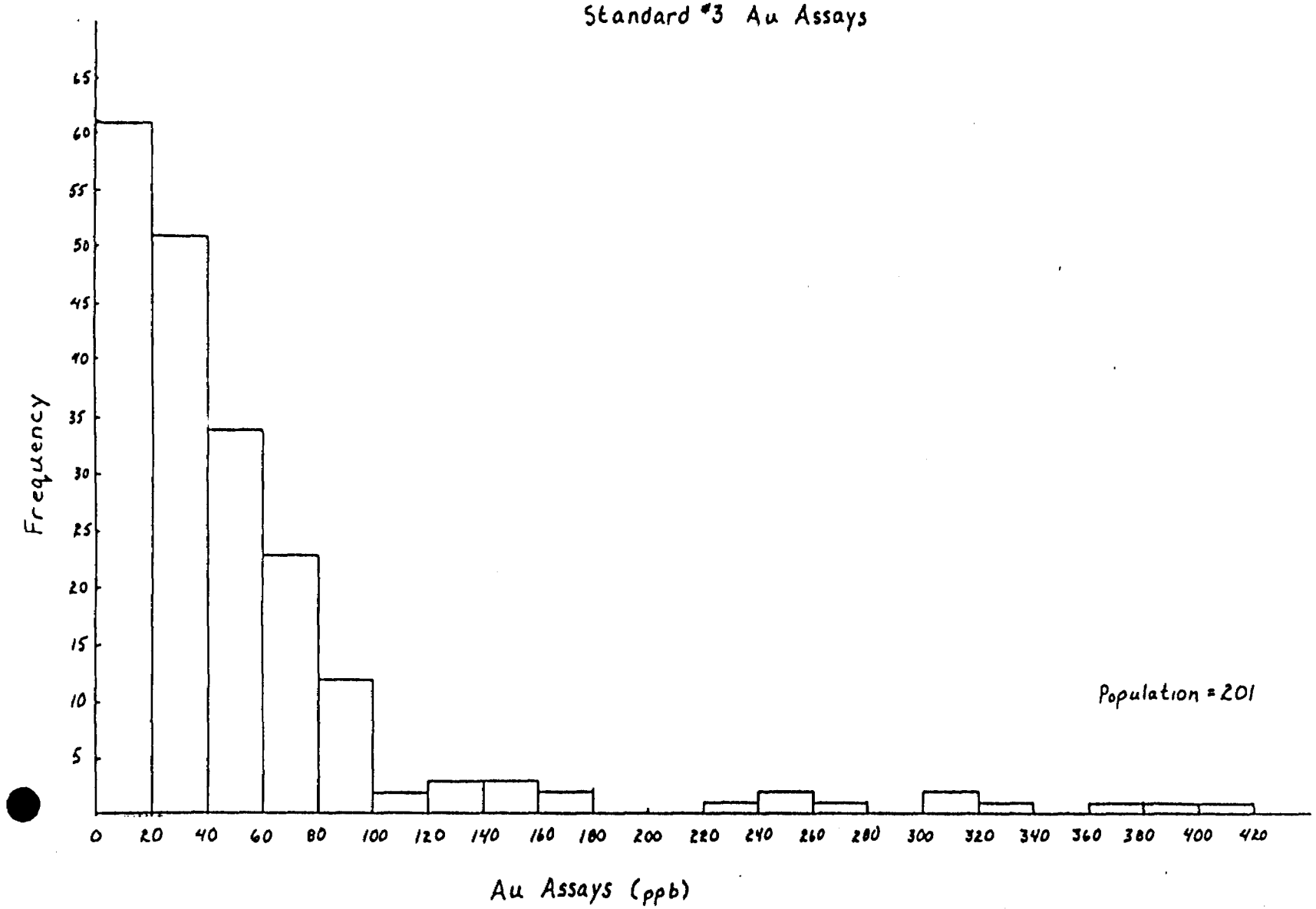

Standard #2 Au Assays
Frequency
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Au Assays (ppb)
Population = 148

FIGURE 7.2

Standard #3 Au Assays



3.5 EFFECTIVENESS OF STANDARDS (General)

The usefulness of standards is unquestionable but obviously the usefulness of poor standards is limited. With reference to this program, the standards involved were far less than optimum. Standards #1 and #2 were acceptable but #3 had a range of values from 1 to 467ppb. Obviously broad ranges like this reduce the samples usefulness for any purpose except spotting systematic errors.

The samples were bagged at the time of collection and a great deal of variation in sample composition existed between samples. Compounding this is the basic values differentials possible within a 5 meter radius. Sample #3 was further adversly affected because it was collected from a thin humus formation atop an outcropping.

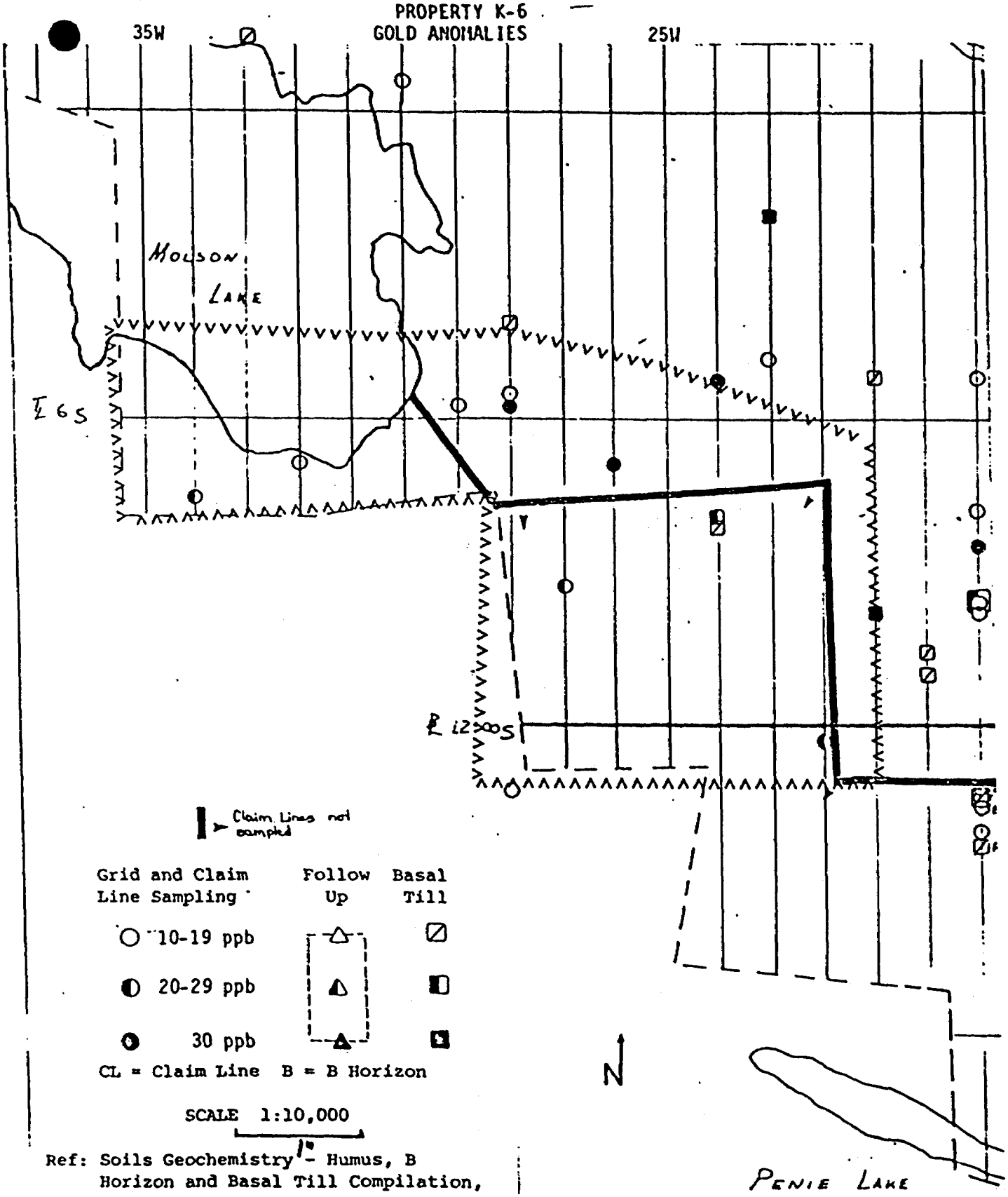
L-6 and K-6: Results

Number 1 and number 2 standards had normal responses. The results for number 3 were very eratic. This however is a characteristic of standard number 3.

3.5 EFFECTIVENESS OF STANDARD #1

Standard #1 continually had assay values below detection. Very rarely did a #1 standard result in a value greater than 1ppb Gold. Therefore a graph showing the effectiveness of standards has not been prepared for Standard #1.

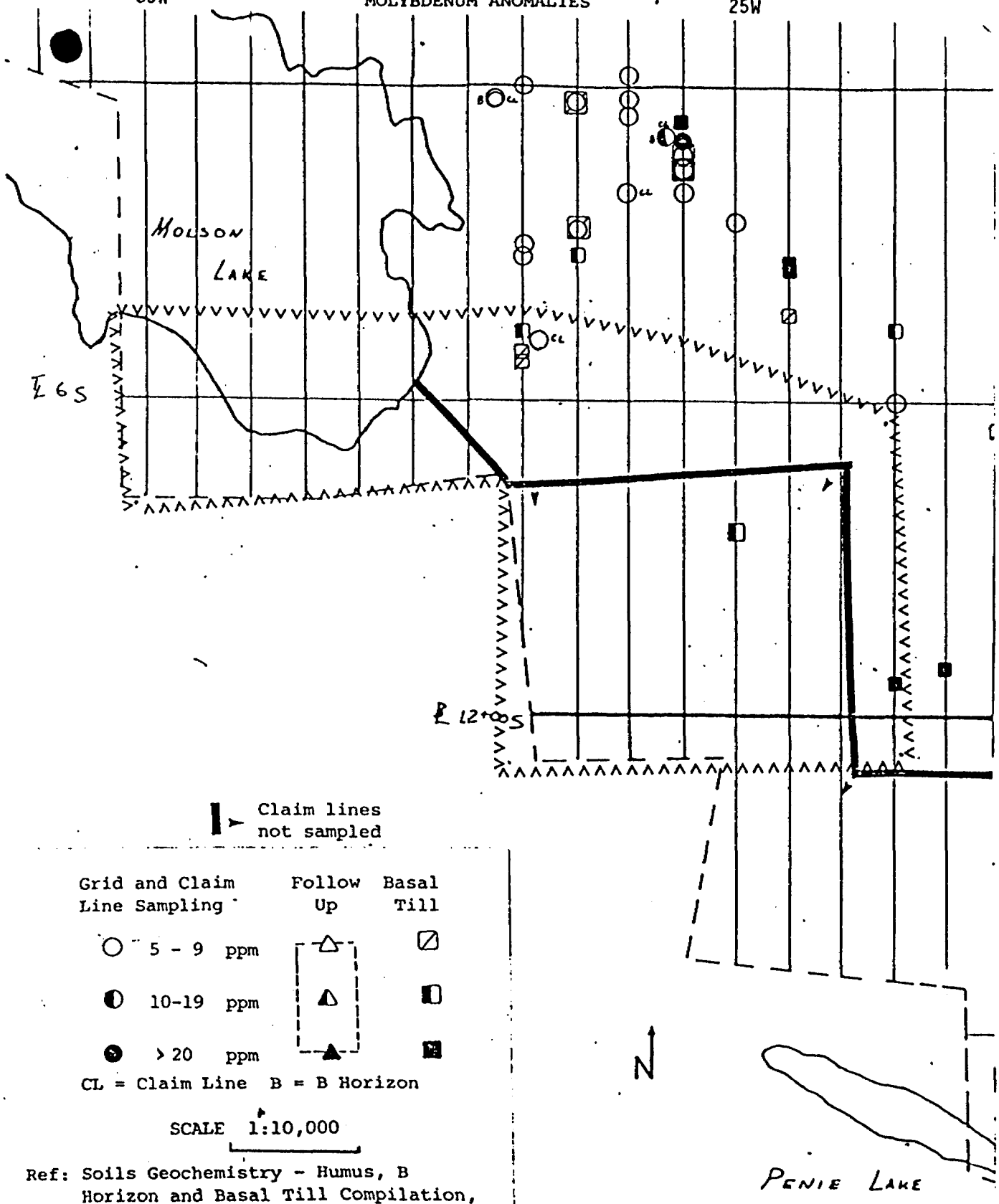
FIGURE 8.1
PROPERTY K-6
GOLD ANOMALIES



Ref: Soils Geochemistry - Humus, B Horizon and Basal Till Compilation,

(Frank and Egg Lake Grid Map Sheet)

FIGURE 8.2
PROPERTY K-6
MOLYBDENUM ANOMALIES



Claim lines not sampled

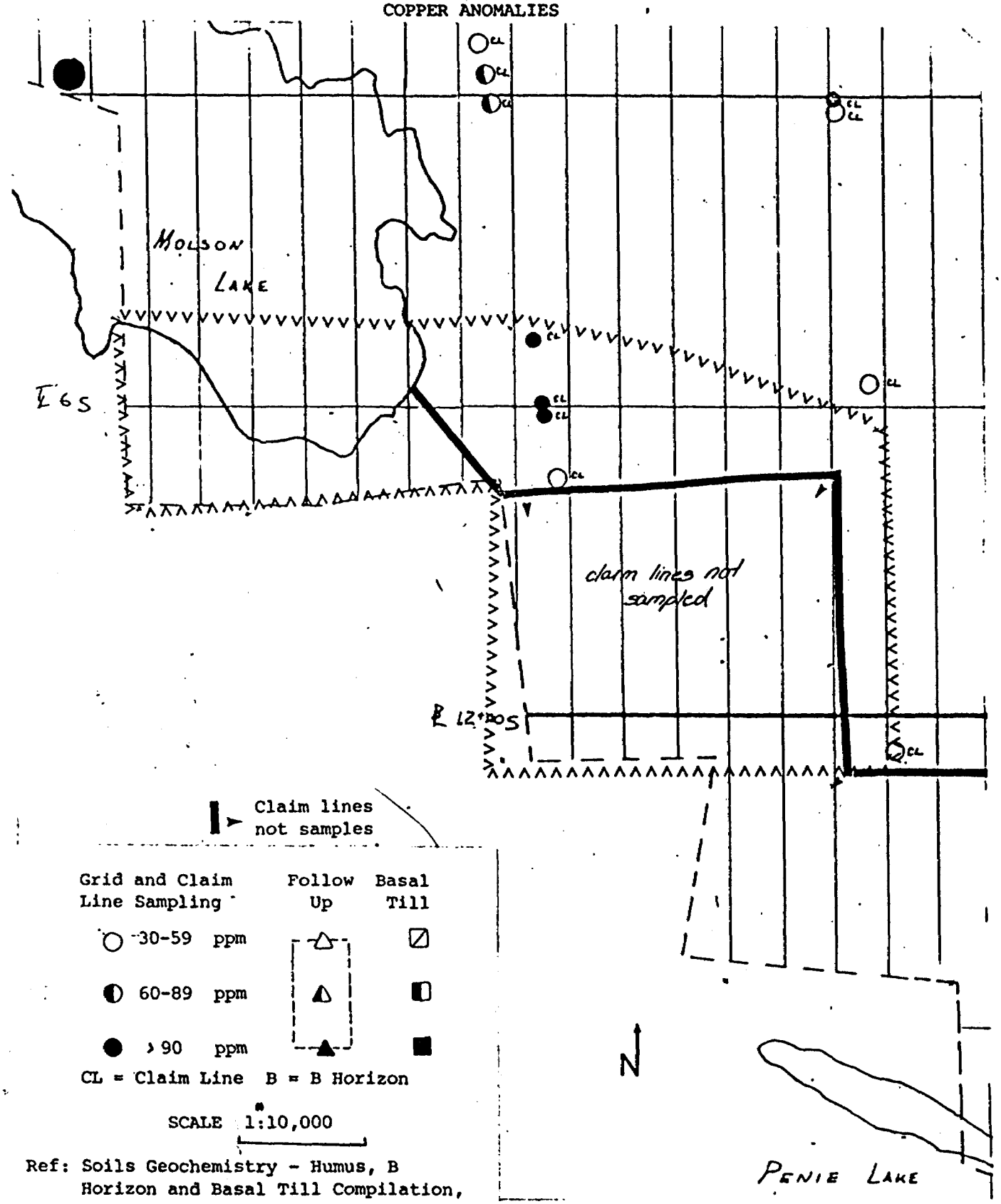
Grid and Claim Line Sampling		Follow Up	Basal Till
○	5 - 9 ppm	△	▨
◐	10-19 ppm	◭	▮
●	> 20 ppm	▲	■

CL = Claim Line B = B Horizon

SCALE 1:10,000

Ref: Soils Geochemistry - Humus, B Horizon and Basal Till Compilation, Molybdenum Anomalies (Frank and Egg Lake Grid Map Sheet)

FIGURE 8.3
PROPERTY K-6
COPPER ANOMALIES



Claim lines not samples

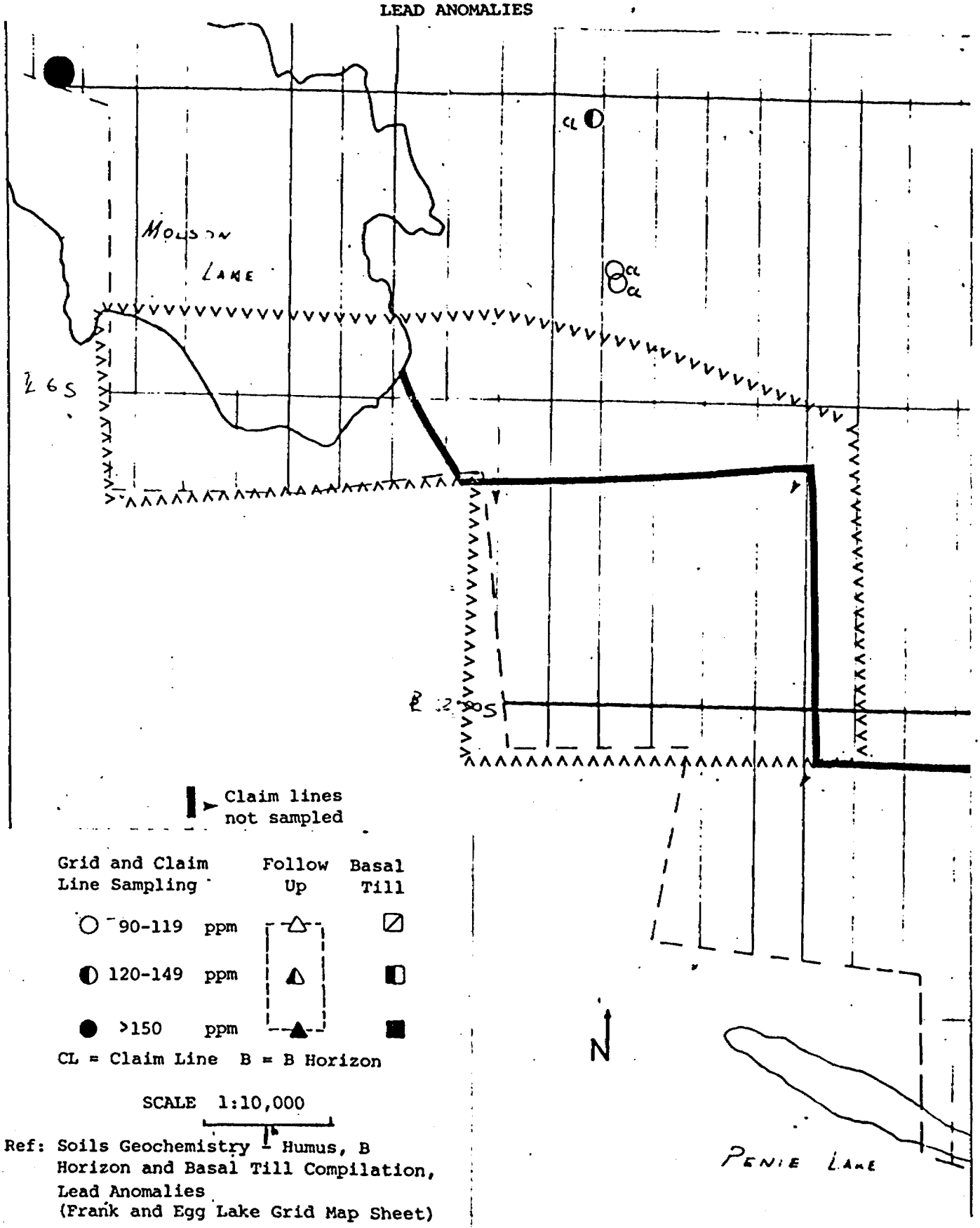
Grid and Claim Line Sampling	Follow Up	Basal Till
○ 30-59 ppm	△	▨
◐ 60-89 ppm	◭	◧
● > 90 ppm	▲	■

CL = Claim Line B = B Horizon

SCALE 1:10,000

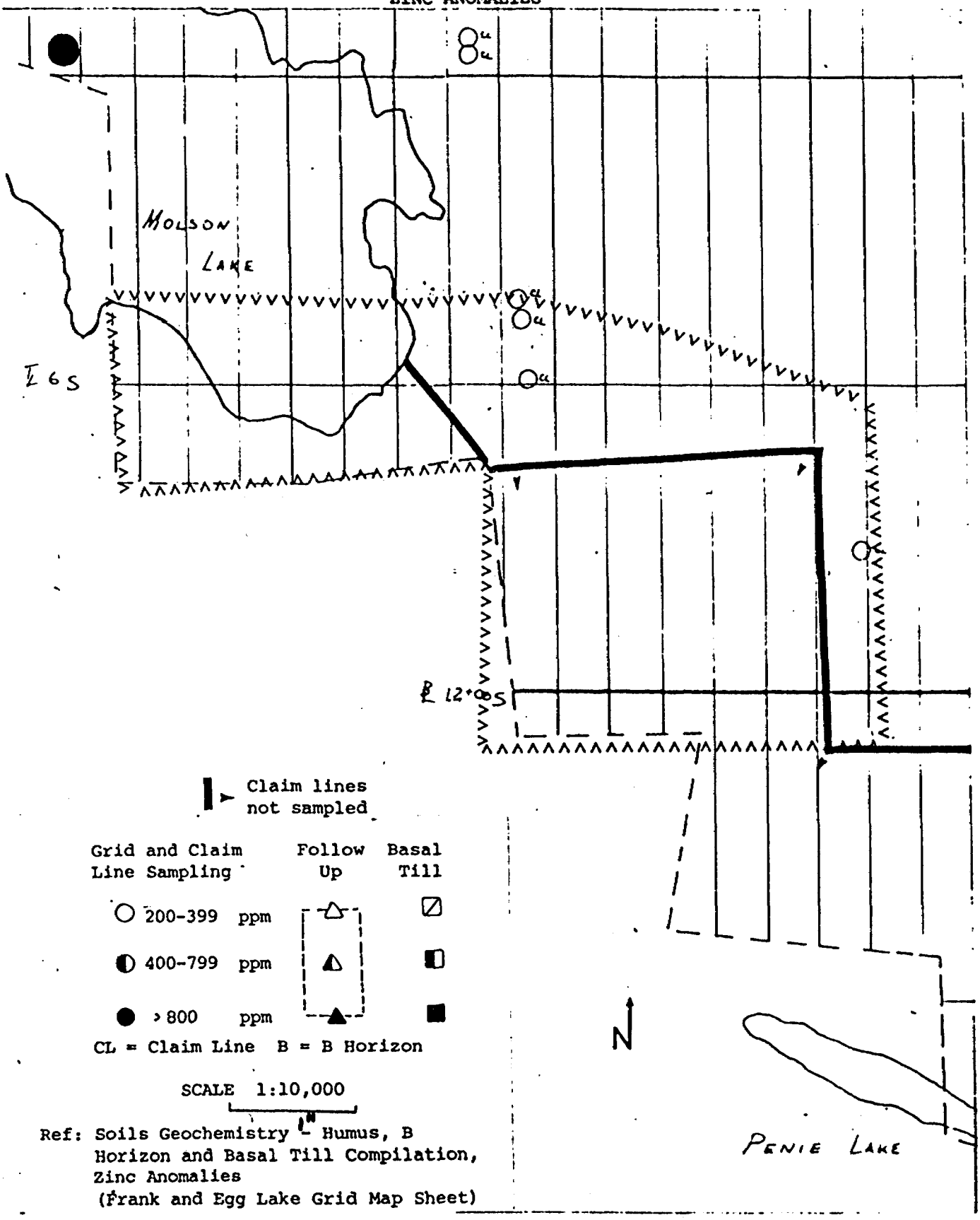
Ref: Soils Geochemistry - Humus, B Horizon and Basal Till Compilation, Copper Anomalies (Frank and Egg Lake Grid Map Sheet)

FIGURE 8.4
PROPERTY K-6
LEAD ANOMALIES



Ref: Soils Geochemistry - Humus, B Horizon and Basal Till Compilation, Lead Anomalies (Frank and Egg Lake Grid Map Sheet)

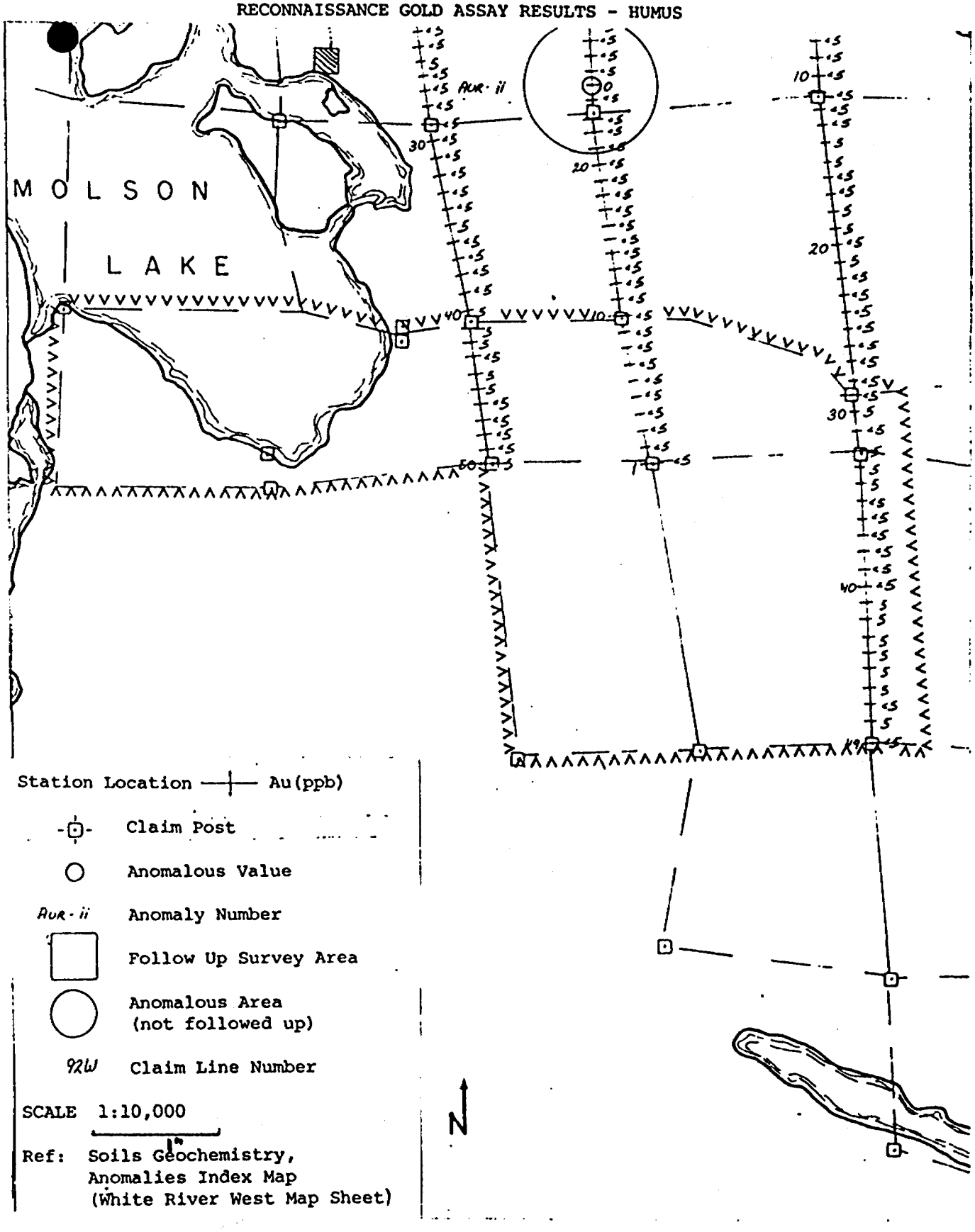
FIGURE 8.5
PROPERTY K-6
ZINC ANOMALIES



Ref: Soils Geochemistry - Humus, B Horizon and Basal Till Compilation, Zinc Anomalies (Frank and Egg Lake Grid Map Sheet)

4.1 RESULTS

FIGURE 9.1
PROPERTY K-6
RECONNAISSANCE GOLD ASSAY RESULTS - HUMUS

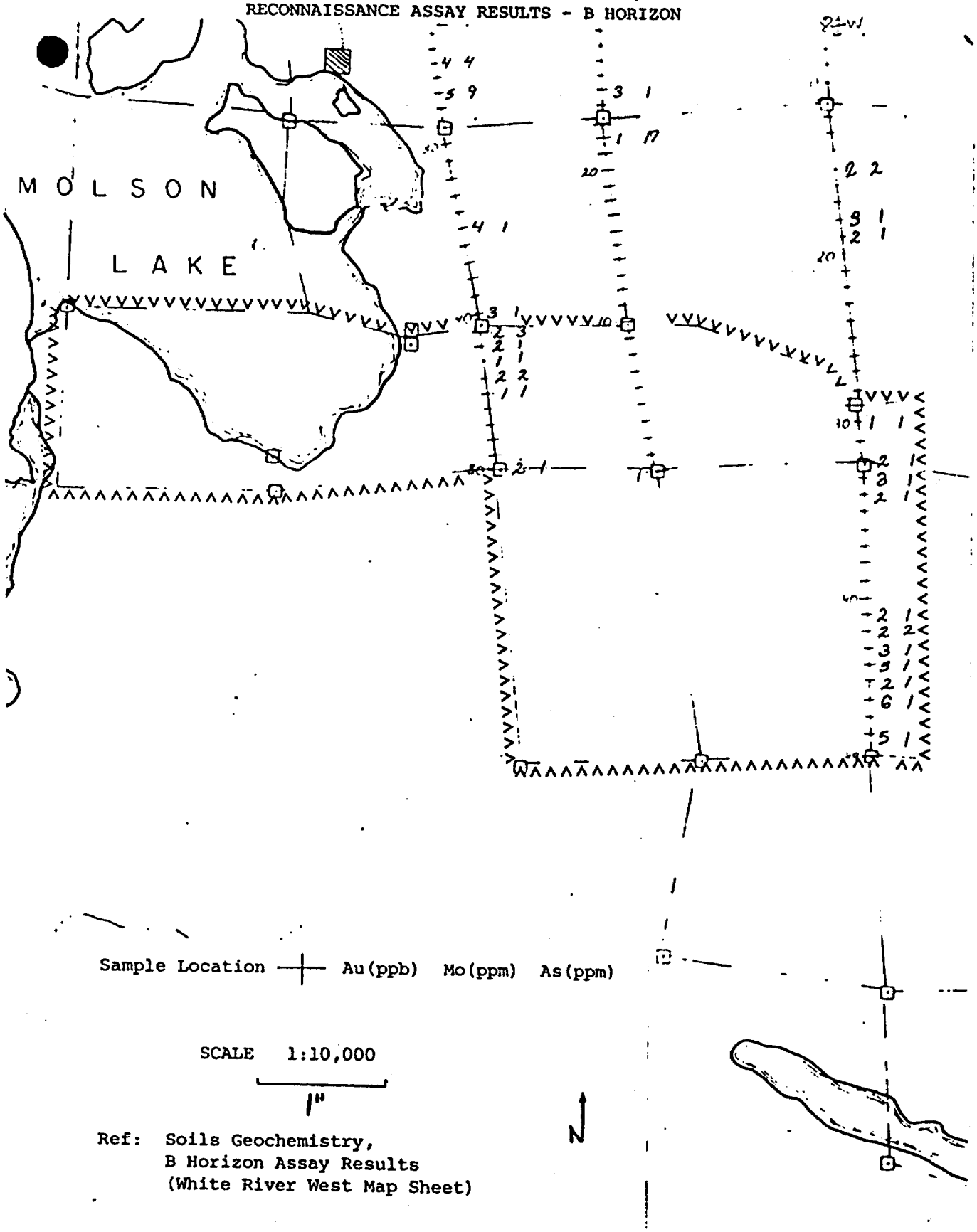


4.1

FIGURE 9.2

PROPERTY K-6

RECONNAISSANCE ASSAY RESULTS - B HORIZON



Ref: Soils Geochemistry,
B Horizon Assay Results
(White River West Map Sheet)

FIGURE 10

Nomenclature for Anomalies from grid sampling is as follows:

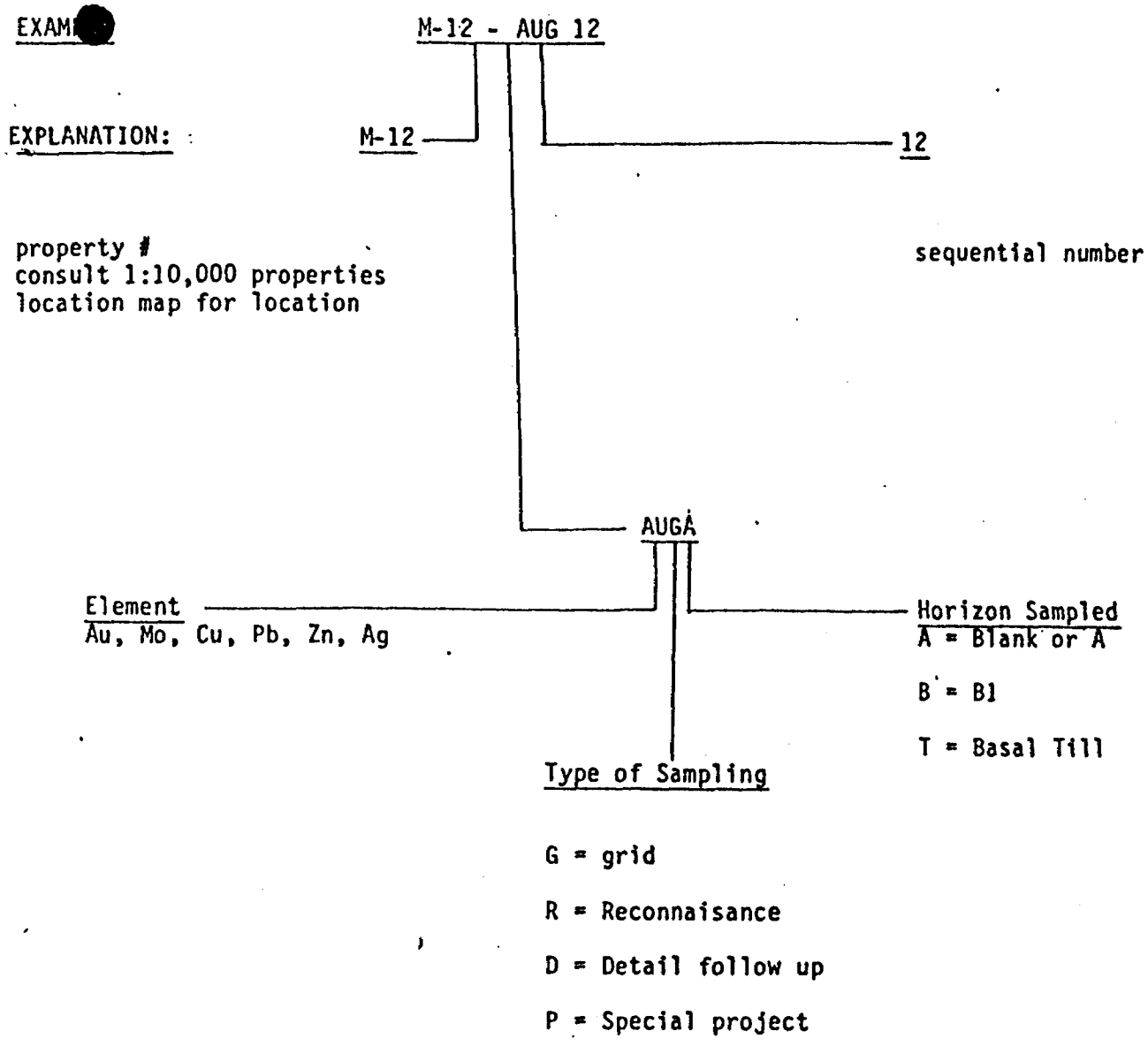


FIGURE 11.1

PROPERTY: K-6 | ANOMALOUS VALUES: Au (ppb) | 1983 Grid

4.1 RESULTS | HORIZON: Humus (-50 mesh) | SURFACE GEOCHEM

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B&G REPORT
K-6	AUG	1	L34+00W 7+50S	386674	21	No		013-1753
K-6	AUG	2	L32+00W 6+75S	386674	12			013-1753
K-6	AUG	3	L29+00W 5+75 S	386675	16	yes	K-6AuG 4 & K-6AuG 5	013-1971
K-6	AUG	4	L28+00W 5+50S	625579	11	yes	K-6AuG 5 & K-6AuG 3	013-1753
K-6	AUG	5	L28+00W 5+75S	625579	30	yes	K-6AuG 4 & K-6AuG 3	013-1753
K-6	AuG	6	L27+00W 9+25S	386676	25	No		013-1971
K-6	AUG	7	L26+00W 6+75S	625579	63			013-1971

PROPERTY: K-6

FIGURE 11.1 (cont'd)
ANOMALOUS VALUES: Au (ppb)

1983 Grid

4.1 RESULTS

HORIZON: Humus (-50 mesh)

SURFACE GEOCHEM

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B&G REPORT
K-6	AUG	8	L22+00W 12+25S	386677	26			013-1998
	AUG	9	13+25S	1 claim south of 386676	10			013-1971

FIGURE 12.1

PROPERTY: K-6

ANOMALOUS VALUES: Au and Mo

4.1 Results

HORIZON: Basal Till (-250 Mesh)

SURFACE GEOCHEMICAL SAMPLING

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B.C. REPORT
K-6	AuGT	1	L24+00W 7+00S	625580	6 ppb	no		013-3595
K-6	AuGT	2	L24+00W 7+87S	386677	20ppb	yes	K6 AuG 5 soils K6 AuG 7 soils	013-3596
K-6	AuGT	3	L24+00W 8+00S	386677	10ppb	yes	K6 AuG 5 soils K6 AuG 7 soils	013-3596
K-6	AuGT	4	L24+00W 9+25S	386677	9 ppb	no		013-3676
K-6	MoGT	1	L24+00W 8+50S	386677	12ppm	no		013-3596
K-6	MoGT	2	L28+00W 5+00S	625579	6 ppm	no		013-3594
K-6	MoGT	3	L28+00W 5+25S	625579	5 ppm	no		013-3594

REMARKS:

FIGURE 12.2

PROPERTY: K-6

ANOMALOUS VALUES: As and Sb

HORIZON: BASAL TILL (-250 Mesh)

SURFACE GEOCHEMICAL SAMPLING

4.1 Results

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B.C. REPORT
K-6	AsGT	1	L24+00W 8+32.5S	386677	5 ppm	no		013-3596
K-6	SbGT	1	L24+00W 7+00S	625580	3 ppm	no		013-3596
K-6	SbGT	2	L24+00W 7+87S	386677	3 ppm	no		013-3596
K-6	SbGT	3	L24+00W 8+25S	386677	4 ppm	no		013-3596
K-6	SbGT	4	L24+00W 9+00S	386677	6 ppm	no		013-3721

REMARKS:

FIGURE 12.3

PROPERTY: K-6

ANOMALOUS VALUES: Hg

4.1 Results

HORIZON: BASAL TILL (-250 Mesh)

SURFACE GEOCHEMICAL SAMPLING

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B.C. REPORT
K-6	HgGT	1	L24+00W 8+32.5S	386677	30ppb	yes		013-3596
K-6	HgGT	2	L24+00W 8+50S	386677	30ppb	yes		013-3596
K-6	HgGT	3	L24+00W 9+00S	386677	50ppb	no		013-3721
K-6	HgGT	4	L25+00W 7+00S	625580	40ppb	yes		013-1999
K-6	HgGT	5	L25+00W 7+25S	625580	30ppb	yes		013-1999
K-6	HgGT	6	L25+00W 10+50S	386676	30ppb	yes		013-1999
K-6	HgGT	7	L25+00W 10+75S	386676	30ppb	yes		013-1999

REMARKS:

FIGURE 12.3 (cont'd)

PROPERTY: K-6

ANOMALOUS VALUES: Hg

4.1 Results

HORIZON: BASAL TILL (-250 Mesh)

SURFACE GEOCHEMICAL SAMPLING

PROPERTY	ANOMALY TYPE	#	LOCATION	MINING CLAIM	ASSAY VALUE(ppb)	MULTI STATION	ASSOCIATED ANOMALY #'s	B.C. REPORT
K-6	HgGT	8	L25+00W 11+00S	386676	30ppb	yes		013-1999
K-6	HgGT	9	L25+00W 5+75S	625580	35ppb	no		013-1999
K-6	HgGT	10	L25+00W 6+25S	625580	30ppb	no		013-1999

REMARKS:

4.2 SUMMARY OF RESULTS

K-6 -- Summary of Values

HUMUS: a) Au - nine anomalies were found
- three were over 30ppb
- 30ppb is considered a relatively high value

b) Mo - no anomalies were found

BASAL TILL: a) Au - four anomalies were found ranging in value from 5.0ppb to >15ppb

b) Hg - ten low values were found

c) Mo - three values were found

d) As - one anomalous value was found

e) Sb - four anomalous values

- these values do not approach the magnitude of those obtained over the Williams orebody.

L-6 -- Summary of Values

no anomalies were found

4.2 SUMMARY OF RESULTS

FIGURE 13.1

Property: K-6 | SUMMARY- Anomalous Values | 1983 Grid

4.1 Results | Horizon: HUMUS | Surface Geochem

Property	Anomaly Type	Element	30ppb	20-29.9 ppb	1.0-19.9		Total Stations	Total Anomalies
K-6	AuGA	Au	2	3	4			9
			20ppb	10-20	5-9.9			
K-6	MoGA	Mo	0	0	0			0

4.2 SUMMARY OF RESULTS

FIGURE 13.2

Property: L-6

SUMMARY- Anomalous Values

1983 Grid

4.1 Results

Horizon: HUMUS

Surface Geochem

Property	Anomaly Type	Element					Total Stations	Total Anomalies
L-6	AuGA	Au	0	0	0	0		0
L-6	MoGA	Mo	0	0	0			0

FIGURE 14

Property: K-6

SUMMARY- Anomalous Values

1983 GRID

4.2 Results

Horizon: Basal Till (-250 Mesh)

Geochemical Sampling

Property	Anomaly Type	Element	Contour Intervals Number of Anomalies				Total Stations	Total Anomalies
			≥ 15ppb	10-14.9ppb	7.0-9.99ppb	5.0-6.9ppb		
K-6	AuGT	Au	1	1	1	1		4
			≥ 5.0 ppm					
K-6	MoGT	Mo	3					3
			≥ 40ppm	20-39.9ppm	10-19.9ppm	5.0-9.9ppm		
K-6	AsGT	As				1		1
			≥ 5.0 ppm	3.0-4.9ppm				
K-6	SbGT	Sb	1	3				4
			≥ 100ppb	50-99.9ppb	25-49.9ppb			
K-6	HgGT	Hg		1	9			10
							Total basal till samples taken 42	Total Anomalies 20

5.0 DISCUSSION, RECOMMENDATIONS AND CONCLUSIONS

AU

Property K-6 particularily the northern portion and property J-6 particularily the southern portion are considered in this discussion. K-6 generated little enthusiasm in the geologist who mapped it. Following this however the geochemistry results - basal till and humus have become available. Both the humus and basal till surveys yield significant detections of Au.

The basal till work is generally still "open" - more work would have to be done to delineate the extent of these anomalies. The humus anomalies in this area have to be considered exceptional when compared to the White River Group as a whole. The sampling interval around these anomalies is wide and more work could be done to try and fill in areas between anomalies A coincedent anomaly (VLF, MAG, I.P.) is proximal to these anomalies. Interpretations are not yet complete but the presence of peat samples and relatively deep overburden in some areas offer complicating factors. The anomalies on the K-6 and J-6 boundary have been tentatively grouped together and named the "Slugg" by Lac Minerals staff.

Zn, Cu, Pb,

Anomalies were found in this area during the 1982 reconnaissance program. The sampling intervals were extermely broad. No assaying was done for Pb, Zn, Cu, in 1983 is this area therefore follow-up work would be required to delineate these anomalies.

Hg, As, Sb

These elements are assayed for in the hope that they will be useful pathfinder elements in the search for Au deposits. Results on the

Hg, As, Sb, (continued ...)

Williams Property suggest that this could well be the case. White River Property assay resuits to date have not approached those achieved on the Williams Option. Lac Minerals staff have not yet made effective use of these elements. For information on these elements see - The Geochemistry of Humus, Soils and Till From The Williams Option. C.F. Gleeson Phd. P. Eng.

GEOLOGY AND OTHER WORK

In the north of K-6 an area exists in which sedimentary rock, mafic volcanic rock, diorite diabase and gniessic rocks are all found in close proximity. This area and the mafic volcanic and sedimentary rock contact should be searched for clues to the presence of Au in the overburden. Lac Minerals plans to conduct some drilling in this area in the near furture. This information should be considered in an evaluation of the property. Basal till sampling and trenching may be required at times if overburden is heavy. The association between geochemistry and geophysical anomalies makes this an interesting property.

Rock sampling and assaying will be required. Firstly, to search for Au in the bed rock and secondly if the first aim fails to try and shed some light on the process which enriched the till.

REFERENCES AND OTHER REPORTS COVERING K-6, L-6

White River Property Geochemical Reconnaissance - Humus Sampling Report
E.J. Clark

White River Property Anomaly Follow-up Overview Report
E.J. Clark

White River Property Soil Geochemistry Standards Report
E.J. Clark

White River Property Geochemical Sampling B Horizon Report
E.J. Clark

A Geochemical Report on Cu, Pb, Zn, Mo, Au in Humus Samples from Lac Minerals Ltd. White River Property - Main Group
April 6, 1983 C.F. Gleeson, Phd., P.Eng.

The Geochemistry of Humus, Soil and Till from the Williams Option - a report prepared for Lac Minerals Exploration Ltd.
C.F. Gleeson, Phd., P.Eng.

White River Soil Geochemistry Main Group Statistical Evaluation
Luciano Martin, P.Eng.

Geological Report, Lac Minerals Ltd. -- Property K-6
D. McIlveen and M. Stanley

Appendix (i)

Example - Soil Samplers Field Notes and Decoding Key

see attached key

Example Only - No specific information.

Soil Samplers Field Notes Recording Card

Project: White River Area (NTS): L 33+00E Photo No.: 1/6 Collector: E. CLARK C. MARSHALL Date: OCT 10/83

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										A	H	6	B	L	0	2				1	5		S
	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 same 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)

Grid Assay Data

a) HUMUS

mpany Ltd.
ario
1G 0Z5
(613) 237-3110
: 053-4455

BONDAR-CLEGG

K-6.

REPORT: 013-1998 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
21+00W 16+25S		1	3		
21+00W 16+50S		2	<1		
21+00W 16+75S		2	<1		
21+00W 17+00S		3	<1		
21+00W 17+18S		3	<1		
21+00W 17+50S	#3	4	69		
22+00W 2+75N		2	11	*	
22+00W 2+50N		2	<1		
22+00W 2+25N		2	<1		
22+00W 2+00N		2	3		
22+00W 1+75N		2	2		
22+00W 1+50N		2	3		
22+00W 1+25N		2	<1		
22+00W 1+00N		3	4		
22+00W 0+75N		1	5		
22+00W 0+50N		2	2		
22+00W 0+25N		1	2		
22+00W 0+00		1	2		
22+00W 0+25S		1	6		
22+00W 0+50S		2	7		
22+00W 0+75S		1	<1		
22+00W 1+00S		1	2		
22+00W 1+25S		1	1		
22+00W 1+50S		2	4		
22+00W 1+75S		2	6		
22+00W 2+00S		1	1		
22+00W 2+10S	#3	2	93		
22+00W 2+25S		1	3		
22+00W 2+50S		2	2		
22+00W 2+75S		2	<1		
22+00W 3+00S		2	<1		
22+00W 3+25S		1	3		
22+00W 3+50S		2	1		
22+00W 3+75S		2	1		
22+00W 4+00S		2	3		
22+00W 4+25S		2	1		
22+00W 4+50S		2	<1		
22+00W 4+75S		2	7		
22+00W 5+00S		2	6		
22+00W 5+25S		1	1		
22+00W 5+50S		2	5		
22+00W 5+75S		2	<1		
22+00W 6+00S		2	3		
22+00W 6+25S		2	3		
22+00W 6+50S		2	1		
22+00W 6+75S		3	6		
22+00W 7+00S		2	<1		
22+00W 7+10S	#3	2	60		
22+00W 7+25S		2	2		
22+00W 7+50S		2	<1		
22+00W 7+75S		2	8		
22+00W 8+00S		2	<1		
22+00W 8+25S		2	<1		
22+00W 8+50S		2	<1		
22+00W 8+75S		1	<1		
22+00W 9+00S		1	<1		
22+00W 9+25S		1	<1		
22+00W 9+50S		2	<1		
22+00W 9+75S		2	<1		
22+00W 10+00S		1	<1		
22+00W 10+25S		2	1		
22+00W 10+50S		2	1		
22+00W 10+75S		2	2		
22+00W 11+00S		2	<1		
22+00W 11+25S		2	<1		
22+00W 11+50S		2	<1		
22+00W 11+75S		3	2		
22+00W 12+00S		3	3		
22+00W 12+10S	#3	2	2		
22+00W 12+25S		<1	26	*	
22+00WA12+25SBL		2	<1		
22+00W 12+50S		3	1		
22+00W 12+75S		1	<1		
22+00W 13+00S		1	<1		
22+00W 13+25S		2	<1		
22+00W 13+50S		3	<1		
22+00W 13+75S		2	<1		
22+00W 14+00S		2	3		
22+00W 14+25S		2	1		
22+00W 14+50S		2	<1		

...ompany Ltd
...ario
...1G 0Z9
...(613) 237-3110
...x 053-4455

BONDAR-CLEGG

REPORT: 013-1998

PROJECT:

PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
22+00W 14+75S		2	<1		
22+00W 15+00S		2	<1		
22+00W 15+25S		2	4		
22+00W 15+50S		2	<1		
22+00W 15+75S		2	1		
22+00W 16+00S		2	2		
22+00W 16+25S		2	1		
22+00W 16+50S		2	<1		
22+00W 16+75S		3	4		
22+00W 17+00S		3	5		
22+00W 17+25S		3	3		
22+00W 17+50S	#3	3	247		
23+00W 2+75N		2	1		
23+00W 2+50N		2	2		
23+00W 2+25N		2	1		
23+00W 2+00N		3	3		
23+00W 1+75N		3	2		
23+00W 1+50N		3	<1		
23+00W 1+25N		2	2		
23+00W 1+00N		2	5		
23+00W 0+75N		2	2		
23+00W 0+50N		2	5		
23+00W 0+25N		2	4		
23+00W 0+00		2	2		
23+00W 0+25S		2	6		
23+00W 0+50S		1	7		
23+00W 0+75S		2	5		
23+00W 1+00S		1	6		
23+00W 1+25S		1	8		
23+00W 1+50S		2	<1		
23+00W 1+75S		2	<1		
23+00W 2+00S		2	1		
23+00W 2+20S	#1	2	1		
23+00W 2+25S		2	1		
23+00W 2+50S		3	2		
23+00W 2+75S		2	1		
23+00W 3+00S		3	<1		
23+00W 3+25S		4	<1		
23+00W 3+50S		2	<1		
23+00W 3+75S		2	1		
23+00W 4+00S		2	3		
23+00W 4+25S		3	<1		
23+00W 4+50S		3	1		
23+00W 4+75S		4	13		
23+00W 5+00S		3	1		
23+00W 5+25S		3	2		
23+00W 5+50S		3	6		
23+00W 5+75S		2	1		
23+00W 6+00S		2	<1		
23+00W 6+25S		2	<1		
23+00W 6+50S		4	2		
23+00W 6+75S		2	2		
23+00W 7+00S		2	1		
23+00W 7+20S	#3	4	44		
23+00W 7+25S		3	2		
23+00W 7+50S		3	<1		
23+00W 7+75S		2	3		
23+00W 8+00S		2	<1		
23+00W 8+25S		1	<1		
23+00W 8+50S		2	<1		
23+00W 8+75S		2	<1		
23+00W 9+00S		1	<1		
23+00W 9+25S		1	2		
23+00W 9+50S		2	2		
23+00W 9+75S		1	<1		
23+00W 10+00S		1	<1		
23+00W 10+25S		1	1		
23+00W 10+50S		2	2		
23+00W 10+75S		2	<1		
23+00W 11+00S		2	4		
23+00W 11+25S		2	1		
23+00W 11+50S		1	<1		
23+00W 11+75S		1	8		
23+00W 12+00S		1	6		
23+00W 12+20S	#3	2	52		
23+00W 12+25S		2	5		
23+00W 12+50S		3	3		
23+00W 12+75S		1	7		
23+00W 13+00S		2	4		
23+00W 13+25S		2	1		

& Company Ltd
...ster Road
...a, Ontario
Canada K1G 0Z5
Phone (613) 237 3100
Telex 053-4455

BONDAR-CLEGG

REPORT: 013-1971 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L24+00W 3+00N	std #2	2	5		
L24+00W 2+75N		1	<1		
L24+00W 2+50N		1	1		
L24+00W 2+25N		1	<1		
L24+00W 2+00N		1	<1		
L24+00W 1+75N		1	<1		
L24+00W 1+50N		2	<1		
L24+00W 1+25N		2	1		
L24+00W 1+00N		2	<1		
L24+00W 0+75N		1	<1		
L24+00W 0+50N		1	<1		
L24+00W 0+25N		1	<1		
L24+00W 0+00		1	<1		
L24+00W 0+25S		1	<1		
L24+00W 0+50S		<1	<1		
L24+00W 0+75S		1	2		
L24+00W 1+00S		1	1		
L24+00W 1+25S		1	2		
L24+00W 1+50S		2	<1		
L24+00W 1+75S		2	1		
L24+00W 2+00S		1	5		
L24+00W 2+25S		3	3		
L24+00W 2+50S		6	2		
L24+00W 2+75S		2	<1		
L24+00W 3+00S		2	1		
L24+00W 3+25S		2	<1		
L24+00W 3+50S		1	2		
L24+00W 3+75S		1	1		
L24+00W 4+00S		1	3		
L24+00W 4+25S		1	<1		
L24+00W 4+50S		1	2		
L24+00W 4+75S		4	1		
L24+00W 5+00S		3	4		
L24+00W 5+10S	std 3	1	30		
L24+00W 5+25S		2	55		
L24+00W 5+50S		2	1		
L24+00W 5+75S		1	3		
L24+00W 6+00S		1	<1		
L24+00W 6+25S		2	3		
L24+00W 6+50S		1	2		
L24+00W 6+75S		1	3		
L24+00W 7+00S		2	1		
L24+00W 7+25S		1	<1		
L24+00W 7+50S		1	1		
L24+00W 7+75S		2	<1		
L24+00W 8+00S		1	<1		
L24+00W 8+25S		3	<1		
L24+00W 8+50S		1	<1		
L24+00W 8+75S		1	<1		
L24+00W 9+00S		1	2		
L24+00W 9+25S		2	<1		
L24+00W 9+50S		1	1		
L24+00W 9+75S		1	<1		
L24+00W 10+00S		1	<1		
L24+00W 10+10S	std 3	2	3		
L24+00W 10+25S		1	1		
L24+00W 10+50S		1	1		
L24+00W 10+75S		1	<1		
L24+00W 11+00S		2	<1		
L24+00W 11+25S		1	<1		
L24+00W 11+50S		1	3		
L24+00W 11+75S		1	1		
L24+00W 12+00S		1	7		
L24+00W 12+25S		1	<1		
L24+00W 12+50S		<1	<1		
L24+00W 12+75S		3	3		
L24+00W 13+00S		1	<1		
L24+00W 13+25S		1	<1		
L24+00W 13+50S		1	2		
L24+00W 13+75S		2	<1		
L24+00W 14+00S		1	3		
L24+00W 14+25S		2	<1		
L24+00W 14+50S		2	<1		
L24+00W 14+75S		1	2		
L24+00W 15+00S		1	4		
L24+00W 15+10S	std 3	3	62		
L24+00W 15+25S		2	2		
L24+00W 15+50S		2	2		
L24+00W 15+75S		2	2		
L24+00W 16+00S		1	<1		

...s & Company Ltd
...ston Road
...a, Ontario
Canada K1G 0Z5
Phone (613) 237-3110
Telex 053-4455

BONDAR-CLEGG

REPORT: 013-1971

PROJECT:

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L24+00W 16+25S		2	1		
L24+00W 16+50S		1	4		
L24+00W 16+75S		1	3		
L24+00W 17+00S		1	1		
L24+00W 17+25S		1	2		
L24+00W 17+50S		2	3		
L25+00W 2+78N		1	2		
L25+00W 2+50N		2	<1		
L25+00W 2+25N		1	<1		
L25+00W 2+00N		2	3		
L25+00W 1+75N		1	<1		
L25+00W 1+50N		1	<1		
L25+00W 1+25N		1	<1		
L25+00W 1+00N		1	4		
L25+00W 0+75N		1	<1		
L25+00W 0+50N		1	5		
L25+00W 0+25N		1	2		
L25+00W 0+00N		1	1		
L25+00W 0+25S		1	3		
L25+00W 0+50S		1	5		
L25+00W 0+75S		1	2		
L25+00W 0+85S	std3	3	23		
L25+00W 1+00S		21	5		
L25+00W 1+25S		7	<1		
L25+00W 1+50S		8	<1		
L25+00W 1+75S		3	1		
L25+00W 2+00S		7	3		
L25+00W 2+25S		2	3		
L25+00W 2+50S		2	5		
L25+00W 2+75S		2	<1		
L25+00W 3+00S		2	<1		
L25+00W 3+25S		3	3		
L25+00W 3+50S		2	3		
L25+00W 3+75S		2	<1		
L25+00W 4+00S		2	5		
L25+00W 4+25S		2	1		
L25+00W 4+40S	std3	4	39		
L25+00W 4+50S		3	4		
L25+00W 4+75S		3	2		
L25+00W 5+00S		3	<1		
L25+00W 5+25S		3	<1		
L25+00W 5+50S		2	<1		
L25+00W 5+75S		4	<1		
L25+00W 6+00S		3	1		
L25+00W 6+25S		3	2		
L25+00W 6+50S		2	2		
L25+00W 6+75S		4	<1		
L25+00W 7+00S		3	<1		
L25+00W 7+25S		3	1		
L25+00W 7+50S		3	2		
L25+00W 7+75S		3	3		
L25+00W 8+00S		3	<1		
L25+00W 8+25S		2	<1		
L25+00W 8+50S		2	<1		
L25+00W 8+75S		2	<1		
L25+00W 9+00S		2	<1		
L25+00W 9+25S		2	<1		
L25+00W 9+50S		2	1		
L25+00W 9+75S		2	5		
L25+00W 10+00S		2	3		
L25+00W 10+25S		2	2		
L25+00W 10+50S		2	3		
L25+00W 10+65S	std3	4	13		
L25+00W 10+75S		2	2		
L25+00W 11+00S		3	<1		
L25+00W 11+25S		3	1		
L25+00W 11+50S		3	1		
L25+00W 11+75S		2	<1		
L25+00W 12+00S		2	<1		
L25+00W 12+25S		2	1		
L25+00W 12+30S		2	<1		
L25+00W 12+50S		4	4		
L25+00W 12+75S		2	9		
L25+00W 13+00S		2	<1		
L25+00W 13+20S		2	<1		
L26+00W 2+75N		3	1		
L26+00W 2+50N		3	<1		
L26+00W 2+25N		3	<1		
L26+00W 2+00N		3	<1		
L26+00W 1+75N		2	<1		

...gg & Company Ltd.
...ellast Road
...awa, Ontario
Canada K1G 0Z5
Phone (613) 237 ...
Telex 053-4455

BONDAR-CLEGG

REPORT: 013-1971

PROJECT:

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L26+00W 1+50N		2	2		
L26+00W 1+25N		2	<1		
L26+00W 1+00N		2	2		
L26+00W 0+75N		2	8		
L26+00W 0+50N		2	2		
L26+00W 0+30N	std 3	4	55		
L26+00W 0+25N		6	8		
L26+00W 0+00N		4	1		
L26+00W 0+25S		6	<1		
L26+00W 0+50S		5	2		
L26+00W 0+75S		2	<1		
L26+00W 1+00S		1	2		
L26+00W 1+25S		2	1		
L26+00W 1+50S		3	1		
L26+00W 1+75S		2	<1		
L26+00W 2+00S		1	<1		
L26+00W 2+25S		2	<1		
L26+00W 2+50S		3	<1		
L26+00W 2+75S		3	2		
L26+00W 3+00S		3	2		
L26+00W 3+25S		2	<1		
L26+00W 3+50S		2	<1		
L26+00W 3+75S		1	<1		
L26+00W 4+00S		1	2		
L26+00W 4+25S		2	<1		
L26+00W 4+50S		2	1		
L26+00W 4+75S		2	<1		
L26+00W 5+00S		2	6		
L26+00W 5+15S	std 3	3	126		
L26+00W 5+25S		2	1		
L26+00W 5+50S		2	2		
L26+00W 5+75S		2	<1		
L26+00W 6+00S		2	<1		
L26+00W 6+25S		2	<1		
L26+00W 6+50S		2	<1		
L26+00W 6+75S		3	63		
L26+00W 7+00S		3	2		
L26+00W 7+25S		3	<1		
L26+00W 7+50S		2	1		
L26+00W 7+75S		2	<1		
L26+00W 8+00S		2	6		
L26+00W 8+25S		2	<1		
L26+00W 8+50S		2	1		
L26+00W 8+75S		2	<1		
L26+00W 9+00S		1	1		
L26+00W 9+25S		1	2		
L26+00W 9+50S		2	<1		
L26+00W 9+75S		1	7		
L26+00W 10+00S		1	3		
L26+00W 10+25S		2	2		
L26+00W 10+50S		2	<1		
L26+00W 10+75S		1	7		
L26+00W 11+00S		1	3		
L26+00W 11+25S		2	<1		
L26+00W 11+50S		1	2		
L26+00W 11+75S		1	6		
L26+00W 12+00S		1	5		
L26+00W 12+25S		1	<1		
L26+00W 12+30S		2	<1		
L26+00W 12+50S		1	<1		
L26+00W 12+65S	std 3	2	22		
L26+00W 12+75S		1	<1		
L26+00W 13+00S		1	1		
L26+00W 13+25S		2	3		
L27+00W 2+75N		1	<1		
L27+00W 2+50N		1	<1		
L27+00W 2+25N		2	<1		
L27+00W 2+00N		1	<1		
L27+00W 1+75N		1	<1		
L27+00W 1+50N		1	<1		
L27+00W 1+25N		2	<1		
L27+00W 1+00N		1	1		
L27+00W 0+75N		2	<1		
L27+00W 0+50N		2	1		
L27+00W 0+25N		1	<1		
L27+00W 0+00		3	<1		
L27+00W 0+25S		6	<1		
L27+00W 0+50S		4	<1		
L27+00W 0+75S		2	<1		
L27+00W 1+00S		3	<1		

...ries & Company Ltd.
...ellfield Road
...awa, Ontario
Canada K1G 0Z5
Phone (613) 237-3110
Telex 053-4455

BONDAR-CLEGG

REPORT: 013-1971

~~LD~~ 013-1971

PROJECT:

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L27+00W 1+25S		3	2		
L27+00W 1+50S		3	7		
L27+00W 1+75S		2	1		
L27+00W 2+00S		2	<1		
L27+00W 2+10S	std 3	3	51		
L27+00W 2+25S		2	1		
L27+00W 2+50S		2	<1		
L27+00W 2+75S		6	<1		
L27+00W 3+00S		3	<1		
L27+00W 3+25S		3	<1		
L27+00W 3+50S		2	1		
L27+00W 3+75S		2	4		
L27+00W 4+00S		2	<1		
L27+00W 4+25S		2	<1		
L27+00W 4+50S		2	<1		
L27+00W 4+75S		3	<1		
L27+00W 5+00S		3	<1		
L27+00W 5+25S		2	<1		
L27+00W 5+50S		2	<1		
L27+00W 5+75S		2	<1		
L27+00W 6+00S		2	<1		
L27+00W 6+25S		2	<1		
L27+00W 6+50S		2	<1		
L27+00W 6+75S		2	<1		
L27+00W 7+00S		2	<1		
L27+00W 7+10S	std 3	3	321		
L27+00W 7+25S		2	<1		
L27+00W 7+50S		3	<1		
L27+00W 7+75S		3	<1		
L27+00W 8+00S		3	<1		
L27+00W 8+25S		2	<1		
L27+00W 8+50S		3	1		
L27+00W 8+75S		2	1		
L27+00W 9+00S		2	<1		
L27+00W 9+25S		2	25		
L27+00W 9+50S		2	1		
L27+00W 9+75S		2	<1		
L27+00W 10+00S		2	2		
L27+00W 10+25S		2	2		
L27+00W 10+50S		<1	<1		
L27+00W 10+75S		2	<1		
L27+00W 11+00S		1	<1		
L27+00W 11+25S		1	<1		
L27+00W 11+50S		1	<1		
L27+00W 11+75S		1	<1		
L27+00W 12+00S		2	<1		
L27+00W 12+10S	std 3	2	94		
L27+00W 12+25S		1	4		
L27+00W 12+50S		1	2		
L27+00W 12+75S		2	3		
L27+00W 13+00S		2	3		
L27+00W 13+25S		1	1		
L28+00W 12+25S		2	2		
L28+00W 12+50S		1	1		
L28+00W 12+75S		1	<1		
L28+00W 13+00S		1	<1		
L28+00W 13+25S		1	10		
L28+00W 13+40S		1	3		
L29+00W 3+00S		1	<1		
L29+00W 3+25S		3	1		
L29+00W 3+50S		1	<1		
L29+00W 3+75S		2	2		
L29+00W 4+00S		1	<1		
L29+00W 4+25S		2	<1		
L29+00W 4+50S		1	2		
L29+00W 4+75S		2	1		
L29+00W 5+00S		2	2		
L29+00W 5+25S		2	<1		
L29+00W 5+50S		2	4		
L29+00W 5+75S		2	16		
L29+00W 6+00S		1	<1		
L29+00W 6+25S		1	4		
L29+00W 6+50S		1	1		
L29+00W 6+75S		2	3		
L29+00W 7+00S		1	6		
L29+00W 7+25S		1	8		
L29+00W 7+40S		2	3		
L29+00W 7+50S	std 3	3	69		
L30+00W 2+50S		1	4		
L30+00W 2+75S		1	2		

...ing & Company Ltd
...elfast Road
...tawa, Ontario
Canada K1G 0Z3
Phone (613) 237-3110
Telex 053-4455

BONDAR-CLEGG

L27W + L29W

REPORT: 013-1971

~~LB~~ 013-1971

PROJECT: PAGE 4

SAMPLE NUMBER	Mo PPM	Au PPB	wt/Au sm	NOTES
L27+00W 1+25S	3	2		
L27+00W 1+50S	3	7		
L27+00W 1+75S	2	1		
L27+00W 2+00S	2	<1		
L27+00W 2+10S std 3	3	51		
L27+00W 2+25S	2	1		
L27+00W 2+50S	2	<1		
L27+00W 2+75S	6	<1		
L27+00W 3+00S	3	<1		
L27+00W 3+25S	3	<1		
L27+00W 3+50S	2	1		
L27+00W 3+75S	2	4		
L27+00W 4+00S	2	<1		
L27+00W 4+25S	2	<1		
L27+00W 4+50S	2	<1		
L27+00W 4+75S	3	<1		
L27+00W 5+00S	3	<1		
L27+00W 5+25S	2	<1		
L27+00W 5+50S	2	<1		
L27+00W 5+75S	2	<1		
L27+00W 6+00S	2	<1		
L27+00W 6+25S	2	<1		
L27+00W 6+50S	2	<1		
L27+00W 6+75S	2	<1		
L27+00W 7+00S	2	<1		
L27+00W 7+10S std 3	3	321		
L27+00W 7+25S	2	<1		
L27+00W 7+50S	3	<1		
L27+00W 7+75S	3	<1		
L27+00W 8+00S	3	<1		
L27+00W 8+25S	2	<1		
L27+00W 8+50S	3	1		
L27+00W 8+75S	2	1		
L27+00W 9+00S	2	<1		
L27+00W 9+25S	2	25		
L27+00W 9+50S	2	1		
L27+00W 9+75S	2	<1		
L27+00W 10+00S	2	2		
L27+00W 10+25S	2	2		
L27+00W 10+50S	<1	<1		

SAMPLE NUMBER	Mo PPM	Au PPB	wt/Au sm
L27+00W 10+75S	2	<1	
L27+00W 11+00S	1	<1	
L27+00W 11+25S	1	<1	
L27+00W 11+50S	1	<1	
L27+00W 11+75S	1	<1	
L27+00W 12+00S	2	<1	
L27+00W 12+10S std 3	2	94	
L27+00W 12+25S	1	4	
L27+00W 12+50S	1	2	
L27+00W 12+75S	2	3	
L27+00W 13+00S	2	3	
L27+00W 13+25S	1	1	
L28+00W 12+25S	2	2	
L28+00W 12+50S	1	1	
L28+00W 12+75S	1	<1	
L28+00W 13+00S	1	<1	
L28+00W 13+25S	1	10	
L28+00W 13+40S	1	3	
L29+00W 3+00S	1	<1	
L29+00W 3+25S	3	1	
L29+00W 3+50S	1	<1	
L29+00W 3+75S	2	2	
L29+00W 4+00S	1	<1	
L29+00W 4+25S	2	<1	
L29+00W 4+50S	1	2	
L29+00W 4+75S	2	1	
L29+00W 5+00S	2	2	
L29+00W 5+25S	2	<1	
L29+00W 5+50S	2	4	
L29+00W 5+75S	2	16	
L29+00W 6+00S	1	<1	
L29+00W 6+25S	1	4	
L29+00W 6+50S	1	1	
L29+00W 6+75S	2	3	
L29+00W 7+00S	1	6	
L29+00W 7+25S	1	8	
L29+00W 7+40S	2	3	
L29+00W 7+50S std 3	3	69	
L30+00W 2+50S	1	4	
L30+00W 2+75S	1	2	

Bondar-Clegg & Company Ltd.
760 Pelham Road
Ontario, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

L28W1

REPORT: 013-1753

PROJECT:

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L28+00W 2+00N A		2	6		
L28+00W 2+25N A		3	8		
L28+00W 2+50N A		3	3		
L28+00W 2+75N A		4	10		
L28+00W 0+00S A		7	3		
L28+00W 0+25S A		4	7		
L28+00W 0+50S A		4	4		
L28+00W 0+75S A		3	1		
L28+00W 1+00S A		2	6		
L28+00W 1+25S A		2	<1		
L28+00W 1+50S A		2	4		
L28+00W 1+75S A		2	2		
L28+00W 2+00S A		2	3		
L28+00W 2+25S A		2	<1		
L28+00W 2+35S A		4	28		#3
L28+00W 2+50S A		3	2		
L28+00W 2+75S A		2	1		
L28+00W 3+00S A		7	4		
L28+00W 3+25S A		6	2		
L28+00W 3+50S A		4	1		plotted
L28+00W 3+75S A		2	<1		
L28+00W 4+00S A		3	<1		
L28+00W 4+25S A		3	<1		
L28+00W 4+50S A		3	<1		
L28+00W 4+75S A		2	<1		
L28+00W 5+00S A		2	1		
L28+00W 5+25S A		4	5		
L28+00W 5+50S A		2	11		
L28+00W 5+75S A		2	30		
L28+00W 6+00S A		2	<1		
L28+00W 6+25S A		2	4		
L28+00W 6+50S A		4	<1		
L28+00W 6+75S A		1	1		
L28+00W 7+00S A		2	5		
L28+00W 7+25S A		1	3		
L28+00W 7+50S A		1	1		
L28+00W 7+75S A		1	1		
L28+00W 8+00S A		1	<1		
L28+00W 8+25S A		1	4		
L28+00W 8+50S A		2	<1		
L28+00W 8+75S A		<1	<1		
L28+00W 9+00S A		2	2		
L28+00W 9+25S A		2	4		
L28+00W 9+50S A		2	2		
L28+00W 9+55S A		2	30		#
L28+00W 9+75S A		2	3		
L28+00W10+00S A		2	3		
L28+00W10+25S A		3	<1		
L28+00W10+50S A		3	1		
L28+00W10+75S A		2	<1		
L28+00W11+00S A		1	<1		
L28+00W11+25S A		1	<1		
L28+00W11+50S A		1	1		
L28+00W11+75S A		3	2		
L28+00W12+00S A		2	2		
L28+00W 12+25S		2	2		
L28+00W 12+50S		1	1		
L28+00W 12+75S		1	<1		
L28+00W 13+00S		1	<1		
L28+00W 13+25S		1	10		
L28+00W 13+40S		1	3		

Bondar-Clegg & Company Ltd
764 Industrial Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

L30W - L31W - L32W - L33W.

REPORT: 013-1753 | PROJECT: P

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm
L28+00W 2+00N A		2	6			L28+00W 8+75S A		<1	<1	
L28+00W 2+25N A		3	8			L28+00W 9+00S A		2	2	
L28+00W 2+50N A		3	3			L28+00W 9+25S A		2	4	
L28+00W 2+75N A		4	10			L28+00W 9+50S A		2	2	
L28+00W 0+00S A		7	3			L28+00W 9+55S A		2	30	
L28+00W 0+25S A		4	7			L28+00W 9+75S A		2	3	
L28+00W 0+50S A		4	4			L28+00W10+00S A		2	3	
L28+00W 0+75S A		3	1			L28+00W10+25S A		3	<1	
L28+00W 1+00S A		2	6			L28+00W10+50S A		3	1	
L28+00W 1+25S A		2	<1			L28+00W10+75S A		2	<1	
L28+00W 1+50S A		2	4			L28+00W11+00S A		1	<1	
L28+00W 1+75S A		2	2			L28+00W11+25S A		1	<1	
L28+00W 2+00S A		2	3			L28+00W11+50S A		1	1	
L28+00W 2+25S A		2	<1			L28+00W11+75S A		3	2	
L28+00W 2+35S A		4	28		#3	L28+00W12+00S A		2	2	
L28+00W 2+50S A		3	2		L30W	L30+00W 6+30S A		1	<1	
L28+00W 2+75S A		2	1			L30+00W 6+50S A		1	<1	
L28+00W 3+00S A		7	4			L30+00W 6+75S A		1	2	
L28+00W 3+25S A		6	2			L30+00W 7+00S A		2	<1	
L28+00W 3+50S A		4	1		plotted	L30+00W 7+35S A		2	<1	
L28+00W 3+75S A		2	<1		L31W	L31+00W 7+50S		1	3	
L28+00W 4+00S A		3	<1			L32+00W 6+75S A		1	12	
L28+00W 4+25S A		3	<1			L32+00W 7+00S A		2	<1	
L28+00W 4+50S A		3	<1		L32W	L32+00W 7+25S A		3	2	
L28+00W 4+75S A		2	<1			L32+00W 7+50S A		2	8	
L28+00W 5+00S A		2	1			L32+00W 7+75S A		1	5	
L28+00W 5+25S A		4	5			L32+00W 7+85S A		<1	1	
L28+00W 5+50S A		2	11			L33+00W 6+50S A		1	35	#2
L28+00W 5+75S A		2	30			L33+00W 6+75S A		<1	2	
L28+00W 6+00S A		2	<1			L33+00W 7+00S A		<1	4	
L28+00W 6+25S A		2	4		L33W	L33+00W 7+25S A		1	1	
L28+00W 6+50S A		4	<1			L33+00W 7+50S A		1	7	
L28+00W 6+75S A		1	1			L33+00W 7+75S A		2	4	
L28+00W 7+00S A		2	5			L33+00W 7+90S		1	2	
L28+00W 7+25S A		1	3			L34+00W4+75S A		1	28	#3
L28+00W 7+50S A		1	1		L34W	L34+00W 5+00S A		<1	1	
L28+00W 7+75S A		1	1			L34+00W 5+25S A		<1	<1	
L28+00W 8+00S A		1	<1			L34+00W 5+50S A		<1	2	
L28+00W 8+25S A		1	4			L34+00W 5+75S A		<1	2	
L28+00W 8+50S A		2	<1			L34+00W 6+00S A		<1	<1	

Bondar-Clegg & Company Ltd.
764 Belfast Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

Geoc
Lab

L34W - L35W

REPORT: 013-1753 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L34+00W 6+25S A		<1	1		
L34+00W 6+50S A		<1	<1		
L34+00W 6+75S A		<1	5		
L34+00W 7+00S A		1	3		
L34+00W 7+25S A		<1	<1		
L34+00W 7+50S A		<1	21		
L34+00W 7+75S A		3	5		
L34+00W 8+00S A		<1	1		
L35+00W 4+75S		<1	<1		
L35+00W 5+00S		<1	<1		
L35+00W 5+25S		<1	2		
L35+00W 5+50S		1	<1		
L35+00W 5+75S		1	2		
L35+00W 6+00S		1	1		
L35+00W 6+25S		1	2		
L35+00W 6+50S		1	<1		
L35+00W 6+75S		1	3		
L35+00W 7+00S		<1	4		
L35+00W 7+50S		1	2		
L35+00W 7+75S		<1	<1		
L35+00W 8+00S		1	5		
L47+00W 4+50N A		2	2		
L47+00W 4+75N A		1	<1		
L47+00W 5+00N A		1	1		
L47+00W 5+25N A		3	2		
L47+00W 5+50N A		3	<1		
L47+00W 5+75N A		2	<1		
L47+00W 6+00N A		1	<1		
L47+00W 6+25N A		3	<1		
L47+00W 6+50N A		3	6		
L47+00W 6+75N A		3	2		
L47+00W 7+00N A		2	3		
L47+00W 7+25N A		1	<1		
L48+00W 4+50N A		1	1		
L48+00W 4+75N A		1	<1		
L48+00W 5+00N A		2	<1		
L48+00W 5+25N A		1	<1		
L48+00W 5+50N A		3	2		
L48+00W 5+65N A		2	<1		
L48+00W 5+75N A		2	<1		
L48+00W 6+00N A		1	<1		
L48+00W 6+25N A		2	<1		
L48+00W 6+50N A		3	14		
L48+00W 6+75N A		1	<1		
L48+00W 7+00N A		1	<1		
L48+00W 7+25N A		3	<1		
L48+00W 7+50N A		2	<1		
L48+00W 7+75N A		2	2		
L48+00W 8+00N A		1	<1		
L48+00W 8+25N A		1	2		
L48+00W 8+50N A		1	<1		
L49+00W 4+50		1	<1		
L49+00W 5+00N A		2	6		
L49+00W 5+25N A		1	3		
L49+00W 5+50N A		1	4		
L49+00W 5+75N A		2	4		
L49+00W 6+00N A		1	5		
L49+00W 6+25N A		1	<1		
L49+00W 6+50N A		4	1		
L49+00W 6+75N A		2	9		
L49+00W 7+00N A		1	3		
L49+00W 7+25N A		3	6		
L49+00W 7+50N A		3	3		
L49+00W 7+75N A		2	6		
L49+00W 8+00N A		2	3		
L49+00W 8+25N A		2	12		
L49+00W 8+45N A		1	2		
L49+00W 8+50N A		1	1		

L34W

L35W

plotted

plotted

plotted

#1

#2

...gs & Company Ltd.
...ast Road
...e, Ontario
...da K1G 0Z5
...one (613) 237-3110
...elex 053-4455

BONDAR-CLEGG

Ge
L

L-20W. L-6

REPORT: 013-2201 PROJECT: PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L20+00W 3+00S		2	4		
L20+00W 3+25S		2	<1		
L20+00W 3+50S		2	<1		
L20+00W 3+75S		3	2		
L20+00W 4+00S		2	1		
L20+00W 4+25S		2	3		
L20+00W 4+50S		1	<1		
L20+00W 4+75S		2	3		
L20+00W 5+00S		2	2		
L20+00W 5+25S		2	7		
L20+00W 5+50S		3	5		
L20+00W 5+75S		3	<1		
L20+00W 6+00S		4	<1		
L20+00W 6+25S		2	<1		
L20+00W 6+50S		3	<1		
L20+00W 6+75S		3	1		
L20+00W 7+00S		3	5		
L20+00W 7+10S #3		3	47		
L20+00W 7+25S		2	2		
L20+00W 7+50S		2	3		
L20+00W 7+75S		2	2		
L20+00W 8+00S		2	2		
L20+00W 8+25S		1	<1		
L20+00W 8+50S		2	2		
L20+00W 8+75S		3	6		
L20+00W 9+00S		2	8		
L20+00W 9+25S		1	<1		
L20+00W 9+50S		2	5		
L20+00W 9+75S		2	2		
L20+00W 10+00S		1	2		
L20+00W 10+25S		2	1		
L20+00W 10+50S		3	1		
L20+00W 10+75S		1	1		
L20+00W 11+00S		2	4		
L20+00W 11+25S		2	1		
L20+00W 11+50S		1	<1		
L20+00W 11+75S		1	<1		
L20+00W 12+00S		2	1		
L20+00W 12+10S #3		3	37		
L20+00W 12+25S		2	2		
L20+00W12+25SRL		<1	2		
L20+00W 12+50S		3	2		
L20+00W 12+75S		2	<1		
L20+00W 13+00S		3	<1		
L20+00W 13+25S		1	4		
L20+00W 13+50S		3	1		
L20+00W 13+75S		3	4		
L20+00W 14+00S		1	2		
L20+00W 14+25S		2	<1		
L20+00W 14+50S		3	2		
L20+00W 14+75S		1	5		
L20+00W 15+00S		1	<1		
L20+00W 15+25S		2	5		
L20+00W 15+50S		2	<1		
L20+00W 15+75S		1	<1		
L20+00W 16+00S		3	<1		
L20+00W 16+25S		3	4		
L20+00W 16+50S		3	3		
L20+00W 16+75S		4	3		
L20+00W 17+00S		3	3		
L20+00W 17+18S		1	7		
L20+00W 17+50S #3		4	122		

L-6.

plotted

plotted

...mpany Ltd
...
...G 0Z5
(613) 237-3110
... 053-4455

BONDAR-CLEGG

REPORT: 013-1998 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
21+00W 2+75N		3	5		
21+00W 2+50N		3	<1		
21+00W 2+25N		3	<1		
21+00W 2+00N		2	1		
21+00W 1+75N		1	3		
21+00W 1+50N		2	1		
21+00W 1+25N		2	<1		
21+00W 1+00N		2	<1		
21+00W 0+75N		3	2		
21+00W 0+50N		3	2		
21+00W 0+25N		1	1		
21+00W 0+00		3	1		
21+00W 0+25S		2	<1		
21+00W 0+50S		3	<1		
21+00W 0+75S		2	1		
21+00W 1+00S		2	3		
21+00W 1+25S		2	4		
21+00W 1+50S		2	6		
21+00W 1+75S		2	3		
21+00W 2+00S		2	<1		
21+00W 2+20S	#3	3	51		
21+00W 2+25S		2	2		
21+00W 2+50S		2	2		
21+00W 2+75S		1	1		
21+00W 3+00S		2	1		
21+00W 3+25S		1	4		
21+00W 3+50S		2	<1		
21+00W 3+75S		2	4		
21+00W 4+00S		2	1		
21+00W 4+25S		2	4		
21+00W 4+50S		2	1		
21+00W 4+75S		1	3		
21+00W 5+00S		1	4		
21+00W 5+25S		2	<1		
21+00W 5+50S		2	1		
21+00W 5+75S		2	1		
21+00W 6+00S		5	2		
21+00W 6+25S		2	6		
21+00W 6+50S		3	3		
21+00W 6+75S		1	5		
21+00W 7+00S		2	2		
21+00W 7+20S	#3	3	51		
21+00W 7+25S		2	5		
21+00W 7+50S		2	<1		
21+00W 7+75S		2	<1		
21+00W 8+00S		1	<1		
21+00W 8+25S		1	<1		
21+00W 8+50S		2	<1		
21+00W 8+75S		1	<1		
21+00W 9+00S		1	<1		
21+00W 9+25S		1	<1		
21+00W 9+50S		2	2		
21+00W 9+75S		2	2		
21+00W 10+00S		2	1		
21+00W 10+25S		2	<1		
21+00W 10+50S		2	<1		
21+00W 10+75S		2	1		
21+00W 11+00S		2	2		
21+00W 11+25S		3	<1		
21+00W 11+50S		2	<1		
21+00W 11+75S		2	<1		
21+00W 12+00S		1	<1		
21+00W 12+20S	#3	3	80		
21+00W 12+25S		<1	2		
21+00W 12+25SRL		2	<1		
21+00W 12+50S		2	2		
21+00W 12+75S		2	4		
21+00W 13+00S		1	2		
21+00W 13+25S		2	1		
21+00W 13+50S		3	4		
21+00W 13+75S		1	<1		
21+00W 14+00S		1	<1		
21+00W 14+25S		1	1		
21+00W 14+50S		2	<1		
21+00W 14+75S		1	<1		
21+00W 15+00S		1	<1		
21+00W 15+25S		4	2		
21+00W 15+50S		2	1		
21+00W 15+75S		1	<1		
21+00W 16+00S		2	3		

L-1

...mpany Ltd.
...and
...IG 0Z5
...(613) 237-3110
...053-4455

BONDAR-CLEGG

Geoc
Lal

REPORT: 013-1998 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
21+00W 16+25S		1	3		L-6
21+00W 16+50S		2	<1		
21+00W 16+75S		2	<1		
21+00W 17+00S		3	<1		
21+00W 17+18S		3	<1		
21+00W 17+50S	#3	4	69		
22+00W 2+75N		2	11		*
22+00W 2+50N		2	<1		
22+00W 2+25N		2	<1		
22+00W 2+00N		2	3		
22+00W 1+75N		2	2		
22+00W 1+50N		2	3		
22+00W 1+25N		2	<1		
22+00W 1+00N		3	4		
22+00W 0+75N		1	5		
22+00W 0+50N		2	2		
22+00W 0+25N		1	2		
22+00W 0+00		1	2		
22+00W 0+25S		1	6		
22+00W 0+50S		2	7		
22+00W 0+75S		1	<1		
22+00W 1+00S		1	2		
22+00W 1+25S		1	1		
22+00W 1+50S		2	4		
22+00W 1+75S		2	6		
22+00W 2+00S		1	1		
22+00W 2+10S	#3	2	93		
22+00W 2+25S		1	3		
22+00W 2+50S		2	2		
22+00W 2+75S		2	<1		
22+00W 3+00S		2	<1		
22+00W 3+25S		1	3		
22+00W 3+50S		2	1		
22+00W 3+75S		2	1		
22+00W 4+00S		2	3		L-6
22+00W 4+25S		2	1		
22+00W 4+50S		2	<1		
22+00W 4+75S		2	7		
22+00W 5+00S		2	6		
22+00W 5+25S		1	1		
22+00W 5+50S		2	5		
22+00W 5+75S		2	<1		
22+00W 6+00S		2	3		
22+00W 6+25S		2	3		
22+00W 6+50S		2	1		
22+00W 6+75S		3	6		
22+00W 7+00S		2	<1		
22+00W 7+10S	#3	2	60		
22+00W 7+25S		2	2		
22+00W 7+50S		2	<1		
22+00W 7+75S		2	8		
22+00W 8+00S		2	<1		
22+00W 8+25S		2	<1		
22+00W 8+50S		2	<1		✓
22+00W 8+75S		1	<1		
22+00W 9+00S		1	<1		
22+00W 9+25S		1	<1		
22+00W 9+50S		2	<1		
22+00W 9+75S		2	<1		
22+00W 10+00S		1	<1		
22+00W 10+25S		2	1		
22+00W 10+50S		2	1		
22+00W 10+75S		2	2		
22+00W 11+00S		2	<1		
22+00W 11+25S		2	<1		
22+00W 11+50S		2	<1		
22+00W 11+75S		3	2		
22+00W 12+00S		3	3		
22+00W 12+10S	#3	2	2		
22+00W 12+25S		<1	26		*
22+00WA12+25SBL		2	<1		
22+00W 12+50S		3	1		
22+00W 12+75S		1	<1		
22+00W 13+00S		1	<1		
22+00W 13+25S		2	<1		
22+00W 13+50S		3	<1		
22+00W 13+75S		2	<1		
22+00W 14+00S		2	3		
22+00W 14+25S		2	1		
22+00W 14+50S		2	<1		

company Ltd.
ad
ario
1G 0Z5
(613) 237-3110
x. 053-4455

BONDAR-CLEGG

REPORT: 013-1998

PROJECT:

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
22+00W 14+75S		2	<1		
22+00W 15+00S		2	<1		
22+00W 15+25S		2	4		
22+00W 15+50S		2	<1		
22+00W 15+75S		2	1		
22+00W 16+00S		2	2		
22+00W 16+25S		2	1		L-6
22+00W 16+50S		2	<1		
22+00W 16+75S		3	4		
22+00W 17+00S		3	5		
22+00W 17+25S		3	3		
22+00W 17+50S	#3	3	247		
23+00W 2+75N		2	1		
23+00W 2+50N		2	2		
23+00W 2+25N		2	1		
23+00W 2+00N		3	3		
23+00W 1+75N		3	2		
23+00W 1+50N		3	<1		
23+00W 1+25N		2	2		
23+00W 1+00N		2	5		
23+00W 0+75N		2	2		
23+00W 0+50N		2	5		
23+00W 0+25N		2	4		
23+00W 0+00		2	2		
23+00W 0+25S		2	6		
23+00W 0+50S		1	7		
23+00W 0+75S		2	5		
23+00W 1+00S		1	6		
23+00W 1+25S		1	8		
23+00W 1+50S		2	<1		
23+00W 1+75S		2	<1		
23+00W 2+00S		2	1		
23+00W 2+20S	#1	2	1		
23+00W 2+25S		2	1		
23+00W 2+50S		3	2		
23+00W 2+75S		2	1		
23+00W 3+00S		3	<1		
23+00W 3+25S		4	<1		
23+00W 3+50S		2	<1		
23+00W 3+75S		2	1		
23+00W 4+00S		2	3		
23+00W 4+25S		3	<1		
23+00W 4+50S		3	1		
23+00W 4+75S		4	13		
23+00W 5+00S		3	1		
23+00W 5+25S		3	2		
23+00W 5+50S		3	6		
23+00W 5+75S		2	1		
23+00W 6+00S		2	<1		
23+00W 6+25S		2	<1		
23+00W 6+50S		4	2		
23+00W 6+75S		2	2		
23+00W 7+00S		2	1		
23+00W 7+20S	#3	4	64		
23+00W 7+25S		3	2		
23+00W 7+50S		3	<1		
23+00W 7+75S		2	3		
23+00W 8+00S		2	<1		
23+00W 8+25S		1	<1		
23+00W 8+50S		2	<1		
23+00W 8+75S		2	<1		
23+00W 9+00S		1	<1		
23+00W 9+25S		1	2		
23+00W 9+50S		2	2		
23+00W 9+75S		1	<1		
23+00W 10+00S		1	<1		
23+00W 10+25S		1	1		
23+00W 10+50S		2	2		
23+00W 10+75S		2	<1		
23+00W 11+00S		2	4		
23+00W 11+25S		2	1		
23+00W 11+50S		1	<1		
23+00W 11+75S		1	8		
23+00W 12+00S		1	6		
23+00W 12+20S	#3	2	52		
23+00W 12+25S		2	3		
23+00W 12+50S		3	3		
23+00W 12+75S		1	7		L6
23+00W 13+00S		2	4		
23+00W 13+25S		2	1		

...ompany Ltd.
...oad
...ntario
...K1G 0Z5
...e: (613) 237-3110
...x: 053-4455

BONDAR-CLEGG

REPORT: 013-1998

PROJECT: PA

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
23+00W 13+50S		2	<1		
23+00W 13+75S		2	<1		
23+00W 14+00S		1	2		
23+00W 14+25S		1	<1		
23+00W 14+50S		1	<1		
23+00W 14+75S		2	<1		
23+00W 15+00S		2	<1		
23+00W 15+25S		2	<1		
23+00W 15+50S		2	<1		
23+00W 15+75S		3	<1		
23+00W 16+00S		2	1		
23+00W 16+25S		2	<1		
23+00W 16+50S		2	<1		
23+00W 16+75S		2	3		
23+00W 17+00S		2	2		
23+00W 17+25S		1	<1		
23+00W 17+50S		1	1		
23+00W 17+75S	#1	2	<1		
18+00E 0+00		2	<1		
18+00E 0+25S		2	6		
18+00E 0+50S		2	<1		
18+00E 0+75S		3	<1		
18+00E 1+00S		2	<1		
18+00E 1+25S		2	<1		
18+00E 1+50S		4	4		
18+00E 1+75S		2	<1		
18+00E 2+00S		2	<1		
18+00E 2+25S		2	<1		
18+00E 2+50S		2	<1		
18+00E 2+75S		2	<1		
18+00E 3+00S		3	<1		
18+00E 3+25S		2	<1		
18+00E 3+50S		1	<1		
18+00E 3+75S		3	2		
18+00E 4+00S		1	2		
18+00E 4+25S		1	3		
18+00E 4+50S		1	4		
18+00E 4+75S		2	2		
18+00E 4+85S	STD	2	25		
18+00E 5+00S		2	<1		
18+00E 5+25S		2	1		
18+00E 5+50S		2	1		
18+00E 5+75S		2	<1		
18+00E 6+00S		1	<1		
18+00E 6+25S		1	3		
18+00E 6+50S		2	<1		
18+00E 6+75S		<1	1		
18+00E 7+00S		<1	5		
18+00E 7+25S		2	2		
18+00E 7+50S		2	<1		
18+00E 7+75S		1	<1		
18+00E 8+00S		<1	<1		
18+00E 8+25S		1	1		
18+00E 8+50S		3	<1		
18+00E 8+75S		3	<1		
18+00E 9+00S		2	<1		
18+00E 9+25S		<1	<1		
18+00E 9+50S		1	<1		
18+00E 9+75S		1	<1		
18+00E 9+85S	#3	2	35		
18+00E 10+00S		2	2		
18+00E 10+25S		2	<1		
18+00E 10+50S		3	<1		
18+00E 10+75S		3	<1		
18+00E 11+00S		1	<1		
18+00E 11+25S		<1	<1		
18+00E 11+50S		2	1		
18+00E 11+75S		2	<1		
18+00E 12+00S		2	3		
18+00E 12+25S		1	<1		
18+00E 12+50S		1	1		
18+00E 12+75S		2	6		
18+00E 13+00S		1	2		
18+00E 13+25S		2	2		
18+00E 13+50S		2	2		
18+00E 13+75S		1	20		*
18+00E 14+00S		1	3		
18+00E 14+25S		2	1		
18+00E 14+50S		1	2		
18+00E 14+75S		<1	1		

L-6

...gg & Company Ltd.
...tast Road
...awa, Ontario
...anada K1G 0Z5
...hone: (613) 237-3110
...elex: 053-4455

BONDAR-CLEGG

REPORT: 013-1971 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
L24+00W 3+00S std#2		2	5		
L24+00W 2+75N		1	<1		
L24+00W 2+50N		1	1		
L24+00W 2+25N		1	<1		
L24+00W 2+00N		1	<1		
L24+00W 1+75N		1	<1		
L24+00W 1+50N		2	<1		
L24+00W 1+25N		2	1		
L24+00W 1+00N		2	<1		
L24+00W 0+75N		1	<1		
L24+00W 0+50N		1	<1		
L24+00W 0+25N		1	<1		
L24+00W 0+00		1	<1		
L24+00W 0+25S		1	<1		
L24+00W 0+50S		<1	<1		
L24+00W 0+75S		1	2		
L24+00W 1+00S		1	1		
L24+00W 1+25S		1	2		
L24+00W 1+50S		2	<1		
L24+00W 1+75S		2	1		
L24+00W 2+00S		1	3		
L24+00W 2+25S		3	3		
L24+00W 2+50S		6	2		
L24+00W 2+75S		2	<1		
L24+00W 3+00S		2	1		
L24+00W 3+25S		2	<1		
L24+00W 3+50S		1	2		
L24+00W 3+75S		1	1		
L24+00W 4+00S		1	3		
L24+00W 4+25S		1	<1		
L24+00W 4+50S		1	2		
L24+00W 4+75S		4	1		
L24+00W 5+00S		3	4		
L24+00W 5+10S std 3		1	30		
L24+00W 5+25S		2	55		
L24+00W 5+50S		2	1		
L24+00W 5+75S		1	3		
L24+00W 6+00S		1	<1		
L24+00W 6+25S		2	3		
L24+00W 6+50S		1	2		
L24+00W 6+75S		1	3		
L24+00W 7+00S		2	1		
L24+00W 7+25S		1	<1		
L24+00W 7+50S		1	1		
L24+00W 7+75S		2	<1		
L24+00W 8+00S		1	<1		
L24+00W 8+25S		3	<1		
L24+00W 8+50S		1	<1		
L24+00W 8+75S		1	<1		
L24+00W 9+00S		1	2		
L24+00W 9+25S		2	<1		
L24+00W 9+50S		1	1		
L24+00W 9+75S		1	<1		
L24+00W 10+00S		1	<1		
L24+00W 10+10S std 3		2	3		
L24+00W 10+25S		1	1		
L24+00W 10+50S		1	1		
L24+00W 10+75S		1	<1		
L24+00W 11+00S		2	<1		
L24+00W 11+25S		1	<1		
L24+00W 11+50S		1	3		
L24+00W 11+75S		1	1		
L24+00W 12+00S		1	7		
L24+00W 12+25S		1	<1		
L24+00W 12+50S		<1	<1		
L24+00W 12+75S		3	3		
L24+00W 13+00S		1	<1		
L24+00W 13+25S		1	<1		
L24+00W 13+50S		1	2		
L24+00W 13+75S		2	<1		
L24+00W 14+00S		1	3		
L24+00W 14+25S		2	<1		
L24+00W 14+50S		2	<1		
L24+00W 14+75S		1	2		
L24+00W 15+00S		1	4		
L24+00W 15+10S std 3		3	62		
L24+00W 15+25S		2	2		
L24+00W 15+50S		2	2		
L24+00W 15+75S		2	2		
L24+00W 16+00S		1	<1		

L-6

...ge & Company Ltd.
...ilau Road
...awa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 013-1971

PROJECT:

PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	Wt/Au gm	NOTES
L24+00W 16+25S		2	1		
L24+00W 16+50S		1	4		
L24+00W 16+75S		1	3		
L24+00W 17+00S		1	1		
L24+00W 17+25S		1	2		
L24+00W 17+50S		2	3		
L25+00W 2+75N		1	2		
L25+00W 2+50N		2	<1		
L25+00W 2+25N		1	<1		
L25+00W 2+00N		2	3		
L25+00W 1+75N		1	<1		
L25+00W 1+50N		1	<1		
L25+00W 1+25N		1	<1		
L25+00W 1+00N		1	4		
L25+00W 0+75N		1	<1		
L25+00W 0+50N		1	5		
L25+00W 0+25N		1	2		
L25+00W 0+00N		1	1		
L25+00W 0+25S		1	3		
L25+00W 0+50S		1	5		
L25+00W 0+75S		1	2		
L25+00W 0+85S	std3	3	23		
L25+00W 1+00S		21	5		
L25+00W 1+25S		7	<1		
L25+00W 1+50S		8	<1		
L25+00W 1+75S		3	1		
L25+00W 2+00S		7	3		
L25+00W 2+25S		2	3		
L25+00W 2+50S		2	5		
L25+00W 2+75S		2	<1		
L25+00W 3+00S		2	<1		
L25+00W 3+25S		3	3		
L25+00W 3+50S		2	3		
L25+00W 3+75S		2	<1		
L25+00W 4+00S		2	5		
L25+00W 4+25S		2	1		
L25+00W 4+40S	std3	4	39		
L25+00W 4+50S		3	4		
L25+00W 4+75S		3	2		
L25+00W 5+00S		3	<1		
L25+00W 5+25S		3	<1		
L25+00W 5+50S		2	<1		
L25+00W 5+75S		4	<1		
L25+00W 6+00S		3	1		
L25+00W 6+25S		3	2		
L25+00W 6+50S		2	2		
L25+00W 6+75S		4	<1		
L25+00W 7+00S		3	<1		
L25+00W 7+25S		3	1		
L25+00W 7+50S		3	2		
L25+00W 7+75S		3	3		
L25+00W 8+00S		3	<1		
L25+00W 8+25S		2	<1		
L25+00W 8+50S		2	<1		
L25+00W 8+75S		2	<1		
L25+00W 9+00S		2	<1		
L25+00W 9+25S		2	<1		
L25+00W 9+50S		2	1		
L25+00W 9+75S		2	5		
L25+00W 10+00S		2	3		
L25+00W 10+25S		2	2		
L25+00W 10+50S		2	3		
L25+00W 10+65S	std 3	4	13		
L25+00W 10+75S		2	2		
L25+00W 11+00S		3	<1		
L25+00W 11+25S		3	1		
L25+00W 11+50S		3	1		
L25+00W 11+75S		2	<1		
L25+00W 12+00S		2	<1		
L25+00W 12+25S		2	1		
L25+00W 12+30S		2	<1		
L25+00W 12+50S		4	4		
L25+00W 12+75S		2	9		
L25+00W 13+00S		2	<1		
L25+00W 13+20S		2	<1		
L26+00W 2+75N		3	1		
L26+00W 2+50N		3	<1		
L26+00W 2+25N		3	<1		
L26+00W 2+00N		3	<1		
L26+00W 1+75N		2	<1		

L-6

Appendix (ii)

Grid Assay Data
b) BASAL TILL

Bondar-Clegg & Company Ltd.
764 Belfast Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 013-1900

PROJECT: WHITE RIVER PAGE

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB
3LA-3406		<2	<1	1	<1		20
3LA-3407		<2	<1	1	<1		40
3LA-3408		<2	<1	1	<1		35
3LA-3409		<2	<1	1	<1		25
3LA-3410		<2	<1	2	<1		25
3LA-3412		<2	<1	3	<1		25
3LA-3413		<2	<1	2	<1		10
3LA-3414		<2	<1	3	<1		20
3LA-3415		<2	<1	2	<1		10
3LA-3416		3	<1	<1	1		10
3LA-3417		2	<1	1	2		20
3LA-3418		2	<1	2	<1		10
3LA-3419		<2	<1	1	1		20
3LA-3420		<2	<1	2	13		15
3LA-3421		<2	<1	1	1		15
3LA-3422		<2	<1	3	2		10
3LA-3424		<2	<1	<1	<1		20
3LA-3425		<2	<1	2	3		25
3LA-3426		<2	<1	1	<1		25
3LA-3427		<2	<1	2	3		40
3LA-3428		<2	2	3	1		20
3LA-3429		<2	<1	1	4		25
3LA-3430		<2	<1	<1	2		5
3LA-3431		<2	<1	3	1		10
3LA-3432		<2	<1	2	1		10
3LA-3433		<2	<1	1	2		15
3RL-3829		<2	<1	8	<1		20
3RL-3830		<2	<1	14	4		85
3RL-3831		<2	<1	3	5		20
3RL-3832		<2	<1	2	5		40
3RL-3833		<2	<1	3	1		25
3RL-3834		<2	<1	1	<3		20
3RL-3835		<2	<1	2	<1		10
3RL-3836		<2	<1	3	<1		10
3RL-3837		2	<1	1	1		20
3RL-3838		<2	<1	2	1		15
3RL-3839		<2	<1	1	1		15
3RL-3840		<2	<1	20	1		40
3RL-3842		3	<1	4	2		30
3RL-3843		<2	<1	1	19		35

BONDAR-CLEGG

: 013-3596

PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB	
PREFIX 3CP								
4926 L27W 3+25S		2	<1	15	7		15	
4927L27W3+37.5S		<2	<1	1	3		20	
4928 L27W 3+50S		2	<1	1	2		15	
4929L27W3+62.5S		2	<1	1	5		15	
4930 L27W 3+75S		2	<1	1	2		20	
4931L27W3+82.5S		2	<1	1	<1		30	
4932 L27W 4+00S		2	<1	3	<1		15	
4933 L27W 4+25S		2	<1	<1	1		20	
4934 L27W 4+50S		2	<1	1	<1		50	
4942L28W4+62.5S		4	<1	12	1		90	J6 ✓
4943 L28W 4+50S		<2	<1	1	1		20	
4944L28W4+37.5S		3	<1	<1	2		35	
4945 L28W 4+25S		3	<1	<1	2		15	
4946L28W4+12.5S		2	<1	<1	18		20	
4947 L28W 4+00S		3	<1	1	3		20	
4948L28W3+87.5S		2	<1	<1	1		15	
4949 L28W 3+75S		2	<1	1	1		20	
4950L28W3+62.5S		2	3	1	1		25	
4951 L28W 3+50S		2	1	<1	1		15	
4952L28W3+37.5S		2	<1	1	2		20	
4954 L28W 2+00S		<2	<1	1	1		10	
4955 L28W 2+75S		4	<1	1	2		15	
4955 L28W 3+25S		<2	<1	3	<1		15	
4956 L24W 6+75S		<2	<1	3	4		5	
4957 L24W 7+00S		<2	3	3	6	5.00	20	
4958 L24W 7+25S		3	<1	1	2		10	
4959L24W7+37.5S		3	1	<1	2		20	
4960 L24W 7+50S		2	<1	<1	2		15	
4961L24W7+62.3S		2	<1	<1	1		15	plotted
4962 L24W 7+75S		<2	<1	1	1		10	K6
4963 L24W 7+87S		<2	3	<1	20		15	
4964 L24W 8+00S		2	<1	<1	10		20	
4965L24W8+12.5S		<2	<1	<1	2		20	
4966 L24W 8+25S		2	4	<1	1		10	
4967L24W8+32.5S		5	<1	<1	1		30	
4968 L24W 8+50S		<2	<1	12	1		30	
4969L24W8+62.5S		2	<1	1	1		15	
PREFIX 3MS								
5150L23W2+37.5S		<2	<1	<1	1		10	J6 ✓

BONDAR-CLEGG

013-3675

PROJECT: WHITE RIVER PAGE

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB	
PREFIX 3CP								
4970 L24W B+75S		2	<1		2 ✓		20	K6 ✓
4973 L36E 5+50N		<2	4		1		20	J10
4974 L36E 5+75N		<2	8		1		50	
4975 L36E 6+00N		<2	2		<1		20	
4976 L3E2+62.5N					7			I8.
4977 L3E 2+50N					2			
4978 L3E2+37.5N					15			
4979 L3E 2+25N					<1			
4980 L3E2+12.5N					5			
4981 L0E 1+50N		9	<1	1	4		40	
4982 L0E 1+75N		<2	2	1	1		25	
4983 L0E 2+00N		6	14	38	16		790	
PREFIX 3HS								
5184 L21W B+50S		<2	5	1	3		60	K7
5191L21W3+67.5S		<2	1	1	2		45	J7
5192 L21W 3+50S		<2	<1	<1	1		30	
5193 L21W 3+25S		<2	<1	2	2		75	
5194 L21W 3+00S		2	7	1	2		15	
5195 L24E 1+75N		2	1		<1		30	
5200L24E2+62.5N		2	<1		2		50	I9.
5201L24E2+87.5N		2	<1		1		55	
5204L24E3+62.5N		2	2		2		35	
5206L24E4+12.5N		<2	6		5		45	
5207L24E4+75N		<2	1		2		50	
5208L24E5+00N		<2	<1		1		50	
5209L0 6+00NA		2	<1		2		30	
5209L0 6+00NB		<2	<1	2	2		20	
5210L0 3+75N		<2	<1	<1	4		10	I8
5211L0 3+50N		<2	6	1	1		20	
5212L0 3+25N		<2	<1	2	<1		15	
5213L0 3+00N		<2	<1	2	2		20	
5214L0 2+75N		<2	<1	<1	<1		20	
5216L0 2+25N		<2	6	1	2		10	

BONDAR-CLEGG

013-3721

PROJECT: WHITE RIVER PAGE

LE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB	
PREFIX 3CP								
4971 L24W 9+00S		<2	6	4	1		50	K6 P K6
PREFIX 3MS								
5109 L29E 5+75N		<2	3	2	1		20	
5110 L29E 5+50N		<2	1	3	2		25	
5111 L29E 5+25N		<2	7	2	2		25	I9
5112 L29E 5+00N		3	<1	1	1		30	
5013 L29E 4+75N		<2	<1	1	3		45	
5114 L29E 4+50N		<2	<1	1	<1		40	
5115 L25W 2+50N		3	<1	<1	12	2.00	55	
5116 L25W 2+25N		3	2	<1	1		45	J6 D
5118 L25W 1+75N		3	2	<1	<1		35	
5119 L25W 1+50N		2	1	<1	<1		50	
5120 L25W 1+25N		<2	<1	<1	<2	5.20	30	
5190 L21W 3+75S		<2	1	<1	1		25	J9
5196 L24E 2+00N		2	<1	<1	1		30	I9
5197L24E2+12.5S		2	4	<1	1		30	J9
5205L24E3+87.5S		2	<1	1	1		60	J9
5215L0+00 2+50N		40	1	1	6		30	I8

BONDAR-CLEGG

/13-3676

PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB	
PREFIX 3CP								
4972 L24W 9+25S		<2	<1	2	9		5	Hg ✓
PREFIX 3HS								
5198 L24E 21+25N		8	<1	<1	141		5	Ig

Clegg & Company Ltd.
elfast Road
awa, Ontario
anada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 013-1999

PROJECT: WHITE RIVER FA

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB
3LA3434	25W	2	<1	1	2		30
3LA3435		3	<1	1	1		30
3LA3436		2	<1	2	2	5.06	30
3LA3437		2	<1	1	<1		15
3LA3438		<2	<1	1	<1		10
3LA3439		3	<1	1	<1		10
3LA3440		3	<1	1	4		15
3LA3441		<2	<1	<1	<1		20
3LA3442	25W K6	3	<1	1	<1		20
3LA3443		2	<1	3	<1		20
3LA3444		2	<1	3	1		30
3LA3445		<2	<1	1	<1		40
3LA3446		<2	<1	1	<1		15
3LA3447		2	<1	1	<1		15
3LA3448		2	1	1	<1		15
3LA3449		<2	<1	1	<1		30
3LA3450		2	<1	2	<1		20
3LA3451		<2	<1	1	<1		35
3LA3452		3	<1	4	<2	5.12	40
3LA3453		<2	<1	2	<1		20
3LA3454		<2	<1	3	<1		20
3LA3455		<2	<1	3	<1		15
3LA3456		2	<1	7	<1		20
3LA3457		2	<1	3	6		15
3LA3458		<2	<1	1	<1		5
3LA3459		<2	<1	2	<1		15
3LA3460		<2	<1	2	<1		10
3LA3461		<2	<1	3	<1		35
3LA3462		<2	<1	1	<1		25
3LA3463		2	<1	1	3		20
3LA3464		<2	<1	1	<1		20
3LA3465		2	<1	1	<1		30
3LA3466		3	<1	3	<1		30
3LA3467		2	<1	1	<1		50
3LA3468		<2	<1	1	<1		35
3LA3469		<2	<1	3	<1		30
3LA3470		<2	<1	3	<1		5
3LA3471		<2	<1	2	<1		20
3RL3876		<2	1	2	<1		30
3RL3877		<2	<1	2	<1		35

...mpany Ltd.
...025
...)237-3110
...4455

BONDAR-CLEGG

...RT: 013-3594 | PROJECT: WHITE RIVER | F...

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB
PREFIX 3CP							
4935 L28W 5+75S		<2	<1	4	<1		10
4936 L28W 5+50S		<2	<1	4	4		<5
4937 L28W 5+25S		<2	<1	5	1		10
4938L28W5+12.5S		2	<1	4	<1		<5
4939 L28W 5+00S		<2	<1	6	1		5
4940 L28W 4+87S		<2	<1	2	<1		10
4941 L28W 4+75S		<2	<1	2	<1		10
PREFIX 3HS							
5148 L23W 2+67S		<2	<1	1	<1		5
5094 L26E-3+75N		<2	<1	1	<1		<5

Rocks.
K6 plotted
J6
I9

Bondar-Clegg & Company Ltd.
764 Belfast Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 013-1900 BASAL TILL LG

PROJECT: WHITE RIVER PA

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Mo PPM	Au PPB	wt/Au gm	Hg PPB
3LA-3406		<2	<1	1	<1		20
3LA-3407		<2	<1	1	<1		40
3LA-3408		<2	<1	1	<1		35
3LA-3409		<2	<1	1	<1		25
3LA-3410		<2	<1	2	<1		25
3LA-3412		<2	<1	3	<1		25
3LA-3413		<2	<1	2	<1		10
3LA-3414		<2	<1	3	<1		20
3LA-3415		<2	<1	2	<1		10
3LA-3416		3	<1	<1	1		10
3LA-3417		2	<1	1	2		20
3LA-3418		2	<1	2	<1		10
3LA-3419		<2	<1	1	1		20
3LA-3420		<2	<1	2	13		15
3LA-3421		<2	<1	1	1		15
3LA-3422		<2	<1	3	2		10
3LA-3424		<2	<1	<1	<1		20
3LA-3425		<2	<1	2	3		25
3LA-3426		<2	<1	1	<1		25
3LA-3427		<2	<1	2	3		40
3LA-3428		<2	2	3	1		20
3LA-3429		<2	<1	1	4		25
3LA-3430		<2	<1	<1	2		5
3LA-3431		<2	<1	3	1		10
3LA-3432		<2	<1	2	1		10
3LA-3435		<2	<1	1	2		15 LG
3RL-3829		<2	<1	8	<1		20
3RL-3830		<2	<1	14	4		85
3RL-3831		<2	<1	3	5		20
3RL-3832		<2	<1	2	5		40
3RL-3833		<2	<1	3	1		25
3RL-3834		<2	<1	1	<3		20
3RL-3835		<2	<1	2	<1		10
3RL-3836		<2	<1	3	<1		10
3RL-3837		2	<1	1	1		20
3RL-3838		<2	<1	2	1		15
3RL-3839		<2	<1	1	1		15
3RL-3840		<2	<1	20	1		40
3RL-3842		3	<1	4	2		30
3RL-3843		<2	<1	1	19		35

Appendix (iii)

Reconnaissance 1982 Assay Data

...ney Rd.
...237-3110
...455

BONDAR-CLEGG

REPORT: 112-0690 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Au PPB	wt/Au	Sb PPM
L92W-14A		9	78	89	<5		<1
L92W-15A		10	68	97	<5		<1
L92W-16A		18	64	96	<5		<1
L92W-17A		10	70	35	<5		<1
L92W-18A		10	32	21	<5		<1
L92W-19A		7	44	13	<5		<1
L92W-20A		10	21	10	<5		<1
L92W-21A		15	25	14	<5		<1
L92W-22A		25	34	19	<5		<1
L92W-23A		37	28	55	<5		<1
L92W-24A		15	5	227	<5		<1
L92W-25A		77	32	294	5		<1
L92W-26A		20	41	115	<5		<1
L92W-27A		79	44	111	<5		<1
L92W-28A		7	44	30	<5		<1
L92W-29A		10	59	95	<5		<1
L92W-30A		9	68	44	<5		<1
L92W-31A		9	41	61	<5		<1
L92W-32A		11	36	23	<5		<1
L92W-33A		9	43	47	<5		<1
L92W-34A		11	56	87	<5		<1
L92W-35A		11	42	31	5		<1
L92W-36A		20	37	33	<5		<1
L92W-37A		22	22	59	<5		<1
L92W-38A		14	34	35	<5		<1
L92W-39A		12	62	42	<5		<1
L92W-40A		11	56	88	<5		<1
L88W-1A		15	45	45	<5		<1
L88W-2A		24	64	58	<5		<1
L88W-3A		11	79	120	<5		<1
L88W-4A		14	27	53	<5		<1
L88W-5A		16	46	23	<5		<1
L88W-6A		9	45	52	<5		<1
L88W-7A		9	45	51	<5		<1
L88W-8A		9	61	54	<5		<1
L88W-9A		9	52	94	<5		<1
L88W-10A		13	52	49	<5		<1
L88W-11A		8	53	70	<5		<1
L88W-12A		22	96	84	<5		<1
L88W-13A		15	101	149	<5		<1

K6

Bondar-Clegg & Company Ltd.
160 Belfast Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 112-0732 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM
L92W-40A		14	65	218	1	5	
L92W-41A		506	74	216	5	5	
L92W-42A		8	61	113	2	5	
L92W-43A		10	76	182	3	<5	
L92W-44A		10	71	102	3	5	
L92W-45A		337	23	209	2	5	K6
L92W-46A		122	55	98	3	<5	
L92W-47A		10	52	198	3	<5	
L92W-48A		9	66	73	3	<5	
L92W-49A		9	53	36	3	<5	
L92W-50A		34	51	97	1	5	
L84W-1A		8	49	49	3	<5	
L84W-2A		8	55	41	1	<5	
L84W-3A		10	33	23	<1	<5	
L84W-4A		8	49	58	1	<5	
L84W-5A		10	41	52	1	5	
L84W-6A		17	43	29	1	<5	
L84W-7A		18	26	27	1	5	
L84W-8A		15	31	37	1	<5	
L84W-9A		10	50	55	2	<5	
L84W-10A		11	70	73	2	<5	
L84W-11A		121	12	8	1	<5	
L84W-12A		32	20	23	1	<5	
L84W-13A		24	24	24	1	<5	
L84W-14A		15	29	17	<1	5	
L84W-15A		9	57	37	<1	5	
L84W-16A		16	33	35	1	<5	
L84W-17A		15	31	38	1	<5	
L84W-18A		15	36	45	1	5	
L84W-19A		11	46	39	1	5	
L84W-20A		10	58	115	<1	<5	
L84W-21A		11	74	150	1	5	
L84W-22A		11	53	119	<1	<5	
L84W-23A		8	63	62	<1	<5	
L84W-24A		14	69	61	1	<5	
L84W-25A		9	53	52	1	<5	
L84W-26A		7	50	50	1	<5	
L84W-27A		14	72	68	1	<5	
L84W-28A		33	14	18	3	<5	
L84W-29A		17	24	21	1	<5	K6

Bondar-Clegg & Company Ltd
Bondar-Clegg Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 112-0732 PROJECT: WHITE RIVER

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Au PPB	wt/Au GM
L84W-30A		14	38	31	1	5	
L84W-31A		12	43	52	1	<5	
L84W-32A		8	32	54	1	5	
L84W-33A		8	45	36	3	5	
L84W-34A		7	39	47	1	5	
L84W-35A		10	34	27	1	<5	
L84W-36A		11	64	50	<1	<5	
L84W-37A		5	30	59	<1	<5	KG.
L84W-38A		10	43	36	1	<5	
L84W-39A		11	55	204	<1	<5	
L84W-40A		11	66	57	<1	<5	
L84W-41A		9	46	65	1	5	
L84W-42A		9	69	50	1	5	
L84W-43A		7	54	58	2	5	
L84W-44A		8	71	54	1	5	
L84W-45A		6	48	21	<1	5	
L84W-46A		12	35	47	3	5	
L84W-47A		18	51	72	1	<5	
L84W-48A		18	54	22	1	5	
L84W-49A		35	46	47	<1	<5	
L84W-50A		9	47	72	2	5	STD.
L80W-1A		12	54	44	2	<5	
L80W-2A		8	24	15	3	<5	
L80W-3A		12	58	80	3	<5	
L80W-4A		37	16	16	2	<5	
L80W-5A		10	53	29	3	<5	
L80W-6A		8	38	40	1	<5	
L80W-7A		19	26	16	1	<5	
L80W-8A		10	56	37	<1	<5	
L80W-9A		10	50	98	<1	<5	
L80W-10A		16	68	66	1	5	
L80W-11A		9	52	57	1	<5	
L80W-12A		11	35	52	1	<5	
L80W-13A		10	40	91	<1	5	
L80W-14A		12	71	40	2	5	
L80W-15A		13	66	68	2	<5	
L80W-16A		10	64	56	<1	<5	
L80W-17A		13	52	65	1	<5	
L80W-18A		11	44	124	<1	5	
L80W-19A		21	40	41	<1	<5	

Bondar-Clegg & Company Ltd.
764 Belfast Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

REPORT: 013-1906

PROJECT: PA

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES
CL84W-42		2	2		
CL84W-43		1	3		
CL84W-44		1	4		K6
CL84W-45		1	2		
CL84W-46		1	6		
CL84W-48		1	5		
CL84W-50		1	4		STD#1
CL88W-22		17	1		
CL88W-25		1	3		
CL92W-18		4	3		
CL92W-20		3	4		
CL92W-21		3	3		
CL92W-22		3	2		
CL92W-25		4	4		
CL92W-27		9	5		
CL92W-35		1	4		
CL92W-40		1	3		
CL92W-41		3	2		
CL92W-42		1	2		
CL92W-43		1	1		K6
CL92W-44		2	2		
CL92W-45		1	1		
CL92W-50		1	3		
CL92W-51		1	2		STD #1
CL96W-18		3	4		
CL96W-19		3	3		
CL96W-22		1	3		
CL96W-24		3	2		STD #1
CL100W-2		1	<1		
CL100W-3		2	3		
CL100W-7		2	1		
CL100W-9		1	3		
CL100W-11		1	3		
CL100W-13		3	2		
CL100W-14		1	2		
CL104W-10		1	4		
CL104W-11		1	3		
CL104W-18		2	2		Std #1
CL112W-12		1	1		
CL112W-14		1	2		

Appendix (iv)

J. Hill's Reconnaissance Anomaly Follow-up

Appendix (v)

B Horizon Assay Data
- used as follow-up for
reconnaissance anomalies.

Bondar-Clegg & Company Ltd.
760 Bellfau Road
Ottawa, Ontario
Canada K1G 0Z5
Phone: (613) 237-3110
Telex: 053-4455

BONDAR-CLEGG

1982 B horizon samples assayed 1982

REPORT: 013-1906 | PROJECT: | PAGE

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB	wt/Au gm
CL44W-5S	5	1	18			CL72W-62		3	3	
CL44W-5N	6	1	30			CL72W-77		<1	3	
CL44W-6S	7	2	3			CL76W-9		1	3	
CL44W-6N	8	1	7			CL76W-33		1	4	
CL44W-7S	9	1	3			CL76W-57		1	2	
CL44W-7N	10	1	8			CL76W-58		1	1	
CL52W-7		2	1			CL76W-62		1	1	
CL52W-8		2	2			CL76W-63		1	2	
CL52W-18		1	4			CL76W-64		1	1	
CL52W-19		<1	2			CL76W-67		1	3	
CL52W-22		1	2			CL76W-69		1	3	
CL52W-23		1	2			CL76W-71		<1	2	
CL52W-26		1	2			CL76W-72		1	1	
CL52W-40		<1	4			CL76W-73		1	3	
CL52W-42		1	3			CL76W-75		<1	2	
CL52W-46		1	2	Std #1		CL76W-77		1	3	
CL56W-39		<1	2			CL76W-79		1	2	Std #1
CL56W-40		1	3			CL80W-10		1	12	
CL56W-43		1	2			CL80W-13		1	4	
CL64W-9		1	2			CL80W-14		1	3	
CL64W-16		<1	5			CL80W-18		1	1	
CL64W-18		<1	3			CL80W-20		1	2	
CL64W-19		1	3			CL80W-34		3	4	
CL64W-39		<1	1			CL80W-36		<1	2	
CL64W-42		2	3			CL80W-37		1	2	
CL64W-45		1	1			CL80W-38		1	2	
CL64W-46		9	<1			CL80W-41		1	1	
CL68W-10		8	4			CL80W-42		5	2	
CL68W-24		2	<1			CL80W-43		<1	2	
CL68W-26		1	<1			CL80W-54		2	2	STD #1
CL68W-43		2	3			CL84W-5		1	2	
CL68W-46		1	3			CL84W-7		1	3	
CL68W-49		2	2			CL84W-15		2	2	
CL68W-51		1	2			CL84W-18		1	3	
CL68W-54		1	<1			CL84W-19		1	2	
CL68W-56		3	2			CL84W-30		1	1	
CL68W-57		3	2			CL84W-32		1	2	
CL68W-67		2	2	Std #1	K6	CL84W-33		1	3	
CL72W-16		1	3			CL84W-34		1	2	
CL72W-59		1	3			CL84W-41		1	2	

Appendix (vi)

General Description of Bondar Clegg's Analytical Techniques

APPENDIX (vi) 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/hydrofluoric acids. Their measurements are made by flame atomic absorption spectroscopy.

...2

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 (vii)

List of General Reference Geochemical Survey Reports - Williams and White River Properties

GEOCHEMICAL REPORTS

General Reference

- White River Soil Geochemistry Williams Group Statistical Evaluation

  January 1983 — Luciano Martin, P.Eng.

- White River Soil Geochemistry Egg Lake Grid Statistical Evaluation

  January 1983 — Luciano Martin, P.Eng.

- White River Soil Geochemistry Main Group Statistical Evaluation

  January 1983 — Luciano Martin, P.Eng.

- A Geochemical Report on Cu, Pb, Zn, Mo, Au in Humus Samples from Lac Minerals Ltd. White River Property-Main Group

  April 6, 1983 — C.F. Gleeson, Phd P.Eng.

- Geochemical Reconnaissance Anomaly Follow-up Reports

  August 1983 — J. Hill

- White River Property Geochemical Reconnaissance- Humus Sampling Report

  December 1983 — E.J. Clark

- White River Property Geochemical Anomaly Follow-up Overview Report

  December 1983 — E.J. Clark

- White River Property Geochemical Standards Report

  January 1984 — E.J. Clark

- White River Property Geochemical Sampling B Horizon Report

  January 1984 — E.J. Clark

- White River Property Sub-property Reports -results of all geochem to date, 1982-1983 listed by sub-properties as completed

  E.J. Clark

GEOCHEMICAL REPORTS

General Reference (Continued ...)

The Geochemistry Of Humus, Soil and Till from the William Option a report prepared for Lac Minerals Exploration Ltd. by C.F. Gleeson Phd. P. Eng. January 4, 1984

Appendix (viii)

List of Reconnaissance Geochemical Survey Maps
White River Property
West, Central and East Map Sheets

RECONNAISSANCE GEOCHEMICAL SURVEY MAPS

(1:10,000 Scale)

WHITE RIVER WEST

HUMUS

1) Sample Location Base Map

2) Assay Plots
   i) Au
   ii) Au/Mo
   iii) Cu/Zn
   iv) Pb

3) Contoured Assay Plots
   i) Au (5,10,20,30ppb)
   ii) Au (10,20,30ppb)
   iii) Mo (5,10,20ppm)
   iv) Cu (30,60,90ppm)
   v) Zn (200,400,800ppm)
   vi) Pb (90,120,150ppm)

4) Anomalous Areas Index Map (Au)

5) Standards Location Map

6) Soil Environment Plot

B HORIZON

1) Assay Plot (Au,Mo,As)

RECONNAISSANCE GEOCHEMICAL SURVEY MAPS

(1:10,000 Scale)

WHITE RIVER CENTRAL

HUMUS

1) Sample Location Base Map

2) Assay Plots
   i) Au
   ii) Au/Mo
   iii) Cu/Pb/Zn

3) Contoured Assay Plots
   i) Au (5,10,20,30ppb)
   ii) Au (10,20,30ppb)
   iii) Mo (5,10,20ppm)
   iv) Cu (30,60,90ppm)
   v) Zn (200,400,800ppm)
   vi) As (5,10,20ppm)

4) Anomalous Areas Index Map (Au)

5) Standards Location Map

6) Soil Environment Plot

B HORIZON

1) Assay Plot (Au,Mo,As)

RECONNAISSANCE GEOCHEMICAL SURVEY MAPS

(1:10,000 Scale)

WHITE RIVER EAST

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (5,10,20,30ppb)
   ii) Au (10,20,30ppb)
   iii) Mo (5,10,20ppm)
4) Anomalous Areas Index Map (Au)
5) Standards Location Map
6) Soil Environment Plot
7) Stream Sediments Plot

Appendix (x)

List of Williams Property Geochemical Maps

GEOCHEMISTRY MAPS

Williams Property Geochemical Maps (included with The Geochemistry of Humus, Soil and Till from The William's Option. A report by C.F. Gleeson Phd. P. Eng.)

MAP 1 Cu in Humus and "B" Soils

2 Zn in Humus and "B" Soils

3 Mo in Humus and "B" Soils

4 Au in Humus and "B" Soils

5 As in "B" Soils and Humus

6 Sb in "B" Soils and Humus

7 Pb in Humus and "B" Soils

8 Ag in Humus and "B" Soils

9 Fe in Humus and "B" Soils

10 Mn in Humus and "B" Soils

11 Overburden Depths

12 Au in Basal Till (-250 mesh fraction)

13 As in Basal Till (-250 mesh fraction)

14 Sb in Basal Till (-250 mesh fraction)

15 Mo in Basal Till (-250 mesh fraction)

16 W in Basal Till (-250 mesh fraction)

17 Ba in Basal Till (-250 mesh fraction)

18 Hg in Basal Till (-250 mesh fraction)

19 Hg in Humus and Organic Lake Sediments

20 As, Sb, Mo, Au, Hg, Ba and W in Basal Till (-250 mesh fraction) over main ore zone (Scale 1:500)

Appendix (xi)

List of Anomalous Values Compilation Maps
- Humus, B Horizon and Basal Till

HUMUS, B HORIZON AND BASAL TILL
ANOMALOUS VALUES COMPILATION MAPS
(1;10,000 Scale)

FRANK AND EGG LAKE GRIDS MAP SHEET (White River West)

i) Au plotted at 10-19.9ppb, 20-29.9ppb, 30ppb
ii) Mo plotted at 5-9.9ppm, 10-19.9ppm, 20ppm
iii) Cu plotted at 30-59.9ppm, 60-89.9ppm, 90ppm
iv) Pb plotted at 90-119.9ppm, 120-149.9ppm, 150ppm
v) Zn plotted at 200-399.9ppm, 400-799.9ppm, 800ppm
vi) As plotted at 5-9.9ppm, 10-19.9ppm, 20ppm
vii) Sb plotted at 3-4.9ppm, 5ppm
viii) Hg plotted at 25-49.9ppm, 50-99,9ppm, 100ppm

WHITE RIVER CENTRAL MAP SHEET

i) Au plotted at 10-19.9ppb, 20-29.9ppb, 30ppb
ii) Mo plotted at 5-9.9ppm, 10-19.9ppm, 20ppm
iii) Ag plotted at 0.5-0.99ppm, 1.0-4.9ppm, 5ppm
iv) Cu plotted at 30-59.9ppm, 60-89.9ppm, 90ppm
v) Pb plotted at 90-119.9ppm, 120-149.9ppm, 150ppm
vi) Zn plotted at 200-399.9ppm, 400-799.9ppm, 800ppm
vii) As plotted at 5-9,9ppm, 10-19.9ppm, 20ppm
viii) Sb plotted at 3-4.9ppm, 5ppm
ix) Hg plotted at 25-49.9ppm, 50-99.9ppm, 100ppm

Humus assay data for compilation maps is from:
i) 1982 Reconnaissance sampling
ii) 1983 Reconnaissance Follow-up sampling
iii) 1982 Grid sampling
iv) 1983 Grid sampling

B Horizon assay data for compilation maps is from:
i) 1982 Reconnaissance sampling
ii) 1983 Reconnaissance Follow-up sampling

Basal Till assay data for compilation maps is from:
i) 1982 Grid sampling
ii) 1983 Grid sampling

Appendix (ix)

List of Sub Property Geochemical Survey Maps
- Sub Properties other than K-6, L-6

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY M-12 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au/Mo/Ag
   ii) Cu/Pb/Zn
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
   ii) Mo (5,10,20ppm)
   iii) Ag (0.5,1,5ppm)
   iv) Cu (30,60,90ppm)
   v) Pb (90,120,150ppm)
   vi) Zn (200,400,800ppm)
4) Anomalous Values Index Maps
   i) Au/Mo/Ag
   ii) Cu/Pb/Zn
5) Standards Location Map
6) Soil Environment Plot

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY G-9 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
   ii) Mo (5,10,20ppm)
4) Anomalous Values Index Map (Au,Mo)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au/Mo
   ii) As/Sb/Hg
2) Contoured Assay Plots
   i) Au (5,7,10,15ppb)
   ii) As (5,10,20,30ppm)
   iii) Sb (3,5ppm)
   iv) Hg (25,50,100ppm)
3) Contoured Overburden Depth Plot (1,2,3,5,10m)
4) Anomalous Values Index Maps
   i) Au,Mo
   ii) As,Sb,Hg

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY G-10 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
   ii) Mo (5,10,20ppm)
4) Anomalous Values Index Map (Au,Mo)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au/Mo
   ii) As/Sb/Hg
2) Contoured Assay Plots
   i) Au (5,7,10,15ppb)
   ii) Hg (25,50,100ppm)
3) Contoured Overburden Depth Plot (1,2,3,5,10m)
4) Anomalous Values Index Maps
   i) Au,Mo
   ii) As,Sb,Hg

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY I-5, J-5 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
   ii) Mo (5,10,20ppm)
4) Anomalous Values Index Map (Au,Mo)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au/Mo
   ii) As/Sb/Hg
2) Contoured Assay Plots
   i) Au (5,7,10,15ppb)
   ii) Mo (5,10,20ppm)
   iii) As (5,10,20,30ppm)
   iv) Sb (3,5ppm)
   v) Hg (25,50,100ppm)
3) Contoured Overburden Depth Plot (1,2,3,5,10m)
4) Anomalous Values Index Maps (Au,Mo,As,Sb,Hg)

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY I-6 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Mo (5,10,20ppm)
4) Anomalous Values Index Map (Au,Mo)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au/Mo
   ii) As/Sb/Hg
2) Contoured Assay Plots
   i) Au (5,7,10,15ppb)
   ii) Mo (5,10,20ppm)
   iii) As (5,10,20,30ppm)
   iv) Sb (3,5ppm)
   v) Hg (25,50,100ppm)
3) Contoured Overburden Depth Plot (1,2,3,5,10m)
4) Anomalous Values Index Maps (Au,Mo,As,Sb,Hg)

SUB PROPERTY GEOCHEMICAL SURVEY MAPS

PROPERTY J-6 (1:2,000 Scale)

HUMUS

1) Sample Location Base Map
2) Assay Plots
   i) Au
   ii) Au/Mo
3) Contoured Assay Plots
   i) Au (10,20,30ppb)
   ii) Mo (5,10,20ppm)
4) Anomalous Values Index Map (Au,Mo)
5) Standards Location Map
6) Soil Environment Plot

BASAL TILL

1) Assay Plots
   i) Au/Mo
   ii) As/Sb/Hg
2) Contoured Assay Plots
   i) Hg (25,50,100ppm)
3) Contoured Overburden Depth Plot (1,2,3,5,10m)
4) Anomalous Values Index Maps
   i) Au,Mo
   ii) As,Sb,Hg

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.

EJ 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 2.6639

Control Sheet

TYPE OF SURVEY

____ GEOPHYSICAL

____ GEOLOGICAL

__✓__ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

L.I. dgd.

D. Hurst

Signature of Assessor

June 29/84

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 BOMBY MAP G-603
Claim Holder(s) LAC MINERALS

Survey Company LAC MINERALS
Author of Report E.J. Clark
Address of Author P.O. Box 580 MANITOUWADGE, Ontario POT 2C0
Covering Dates of Survey 1/7/83 TO 26/3/84 (linecutting to office)
Total Miles of Line Cut _____ 9.1

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
SSM	386674
SSM	386675
SSM	386676
SSM	386677
SSM	386678
SSM	625579
SSM	625580

If space insufficient, attach list

TOTAL CLAIMS 7

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	
Geochemical	40

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

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

DATE: Apr 13/84 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications 2/1/83

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

837 (6/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken SSM 386674, SSM 386675, SSM 386676, SSM 386677, SSM 386678, SSM 625579, SSM 625580

Total Number of Samples 356

Type of Sample HUMUS - ORGANIC
(Nature of Material)

Average Sample Weight 200 grams

Method of Collection MATTOCK

Soil Horizon Sampled A

Horizon Development PODZOLIC

Sample Depth 2-35 cm - See soil Environment Map

Terrain Hummocky, rolling - some outcrop

Drainage Development well drained

Estimated Range of Overburden Thickness 1-3m

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -50

Drying, screening, ashing

General Samples were stored indoors on wooden slat shelves and dried using oil furnace and electric fan for approximately one week. The lab then roasted and ashed samples.

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 (754 tests)

Name of Laboratory Bondar Clegg

Extraction Method Fire/Leaching

Analytical Method Flameless AA Carbon Rod

Reagents Used Hydrobromic acid Bromine

General A complete description of the analytical method used is described in Appendix vi of report.
Above includes 42 tests on 21 standard samples

SEE YOUR FILE # 2.6639. June 18 F.W.M.
#130-84.

Ministry of Natural Resources
Ontario

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

The Mining Act

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	BOMBY MAP G-603

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	1 / 7 / 83 to 26 / 3 / 84 (Day / Mo. / Yr.)	9.1

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

		Days per Claim
Special Provisions: For first survey: Enter 40 days. (This includes line cutting). For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	40
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	
Airborne Credits: Note: Special provisions credits do not apply to Airborne Surveys.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	386674	
	386675	
	386676	
	386677	
	386678	
	625579	
	625580	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
MAY 3 1984
MINING LANDS SECTION

SAULT STE. MARIE MINING DIV.
RECEIVED
APR 18 1984
A.M. 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: 7

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits
Total Expenditures $ ÷ 15 = Total Days Credits

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.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
280	April 18/84	M.V. St Jules
	Days Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Apr 13, 1984	Alex Mosher

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)
Apr 13, 1984	V.R. Venn

1362 (81/9)

file on SSM 336.674

Ministry of Natural Resources
Ontario

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

The Mining Act

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): GEOCHEMICAL	Township or Area: BOMBY MAP G-603
Claim Holder(s): LAC MINERALS LTD.	Prospector's Licence No.: T-664
Address: P.O. Box 580, MANITOUWADGE, Ontario P0T 2C0	
Survey Company: LAC MINERALS	Date of Survey (from & to): 1 / 7 / 83 (Day / Mo. / Yr.) to 26 / 3 / 84 (Day / Mo. / Yr.)
Total Miles of line Cut: 9.1	
Name and Address of Author (of Geo-Technical report): E.J. Clark P.O. Box 580, MANITOUWADGE, Ontario P0T 2C0	

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions: For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	40
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	
Airborne Credits: Note: Special provisions credits do not apply to Airborne Surveys.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	386674	
	386675	
	386676	
	386677	
	386678	
	625579	
	625580	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Total number of mining claims covered by this report of work: 7

Expenditures (excludes power stripping)

Type of Work Performed
Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: $ ____ + 15 = Total Days Credits ____

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.

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: APR 13, 1984	Recorded Holder or Agent (Signature): Alex Mosyk

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 P0T 2C0		
	Date Certified: Apr. 13, 1984	Certified by (Signature): V.R. Venn

1362 (81/9)

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.6639

Date 1984 07 06

Mining Recorder's Report of Work No. 130-84

Recorded Holder: LAC MINERALS LTD

Township or Area: BOMBY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM 386676-77 625579-80
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 40 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

30 DAYS CREDIT	20 DAYS CREDIT
SSM 386674	SSM 386675

No credits have been allowed for the following mining claims

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

SSM 386678

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:

2.6639

			386674	1/4		
			75	1/2		
			76	✓		
			77	✓		2.
			78	∅		
			79	✓		
			80	✓		

1984 05 01 Our File: 2.6639

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:

We have received reports and maps for a Geochemical Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims SSM 386674 et al in the Township of Bomby.

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:mc

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

Ministry of Natural Resources

July 23/84

1984 07 06

Your File: 139-84
Our File: 2.6639

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

RJS. Hurst:mc

Encls.

cc: Lac Minerals Ltd
P.O. Box 580
Manitouwadge, Ontario
POT 2CO

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

Ministry of Natural Resources
Ontario

Notice of Intent

for Technical Reports

1984 07 06

2.6639/139-84

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 07 25

Your File: 139-84
Our File: 2.6639

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 6, 1984
Geochemical Survey on Mining Claims
SSM 386674 et al in the Township of
Bomby

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

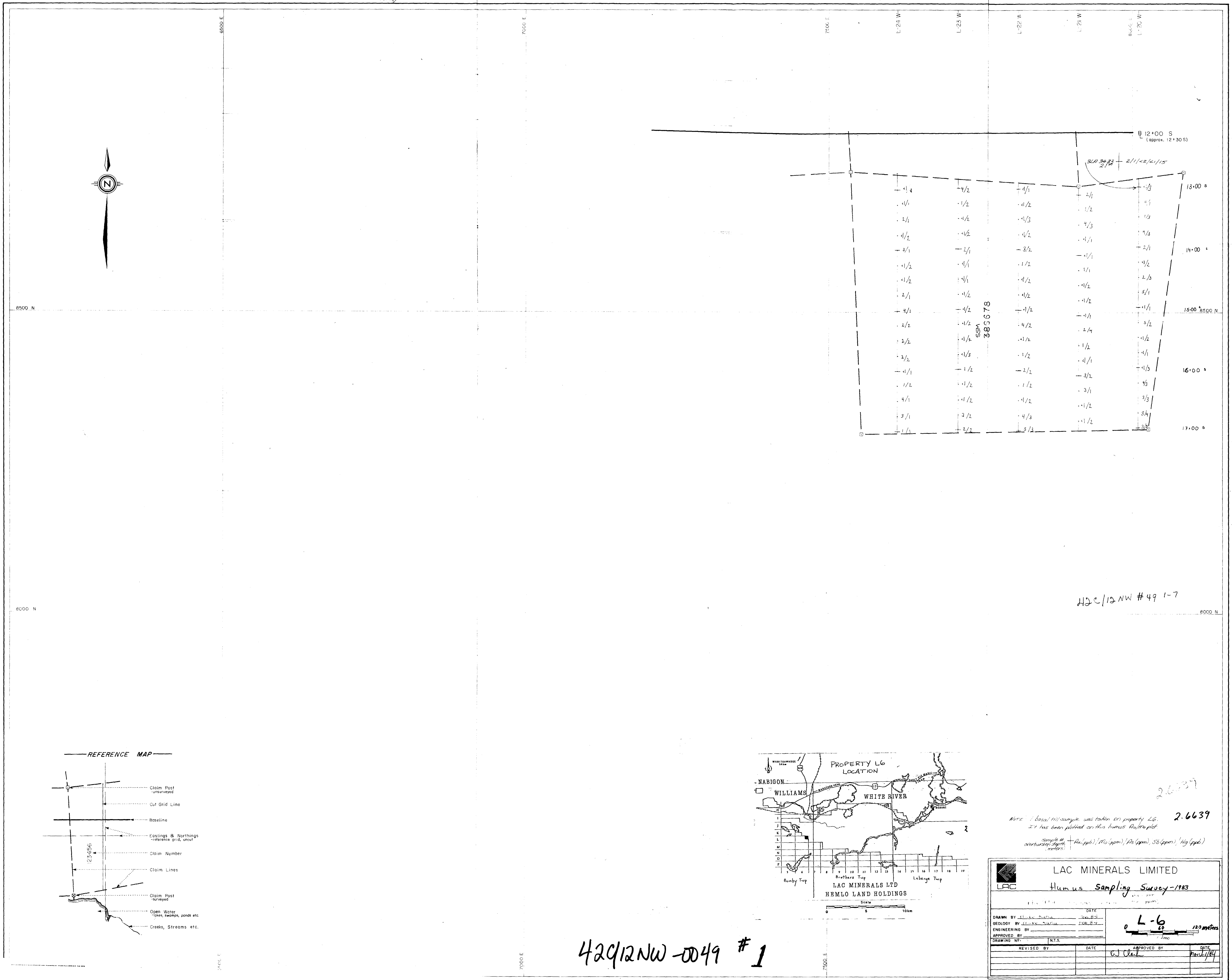
cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geolggist
Sault Ste. Marie, Ontario

Encl.

FOR ADDITIONAL INFORMATION SEE MAPS:

42C/12NW-0049 # 1-7



B 12+00 S (approx. 12+30 S)
13+00 S
14+00 S
15+00 S
16+00 S
17+00 S
8500 N
8000 N
6500 E
7000 E
7500 E
L-24 W
L-23 W
L-22 W
L-21 W
L-20 W
SSM 380678
42C/12NW #49 1-7
REFERENCE MAP
Claim Post - unsurveyed
Cut Grid Line
Baseline
Eastings & Northings - reference grid, uncut
Claim Number
Claim Lines
Claim Post - surveyed
Open Water - lakes, swamps, ponds etc.
Creeks, Streams etc.
123456
PROPERTY L6 LOCATION
NABIGON
WILLIAMS
WHITE RIVER
Bomby Twp
Brothers Twp
Laberge Twp
LAC MINERALS LTD
HEMLO LAND HOLDINGS
Scale
10km
2.6639
NOTE: 1 basal till sample was taken on property L6. It has been plotted on this humus Au/Mo plot.
LAC MINERALS LIMITED
Humus Sampling Survey - 1983
DRAWN BY
GEOLOGY BY
ENGINEERING BY
APPROVED BY
DRAWING NO.
N.T.S.
DATE
L-6
120 metres
REVISED BY
APPROVED BY
42C12NW-0049 #1

L-24 W | L-23 W | L-22 W | L-21 W | L-20 W

12+20S — 3; 52/2 — 12+10S — 3; 2/2 — 12+20E — 3; 80/3 — 12+00 S (approx. 12+30 S)

12+10E — 3; 37/3

13+00 S

14+00 S

15+10S — 3; 62/3

15+00 S / 8500 N

16+00 S

17+00 S

17+50E — 3; 247/3 — 17+50E — 3; 122/4

17+75S — 1; 1/2 — 17+50S — 3; 69/4

SSM 386678

8000 N

7500

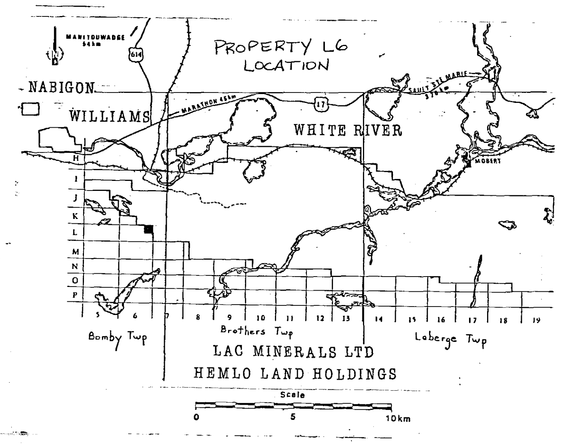
STN # — STN #; Au (PPB)/Mo (PPM)

2.6639

2.6639

REFERENCE MAP

- Claim Post unsurveyed
- Cut Grid Line
- Baseline
- Eastings & Northings reference grid, uncut
- Claim Number
- Claim Lines
- Claim Post surveyed
- Open Water lakes, swamps, ponds etc.
- Creeks, Streams etc.



LAC MINERALS LIMITED

Humus Sampling Survey - 1983

STANDARD LOCATION MAP

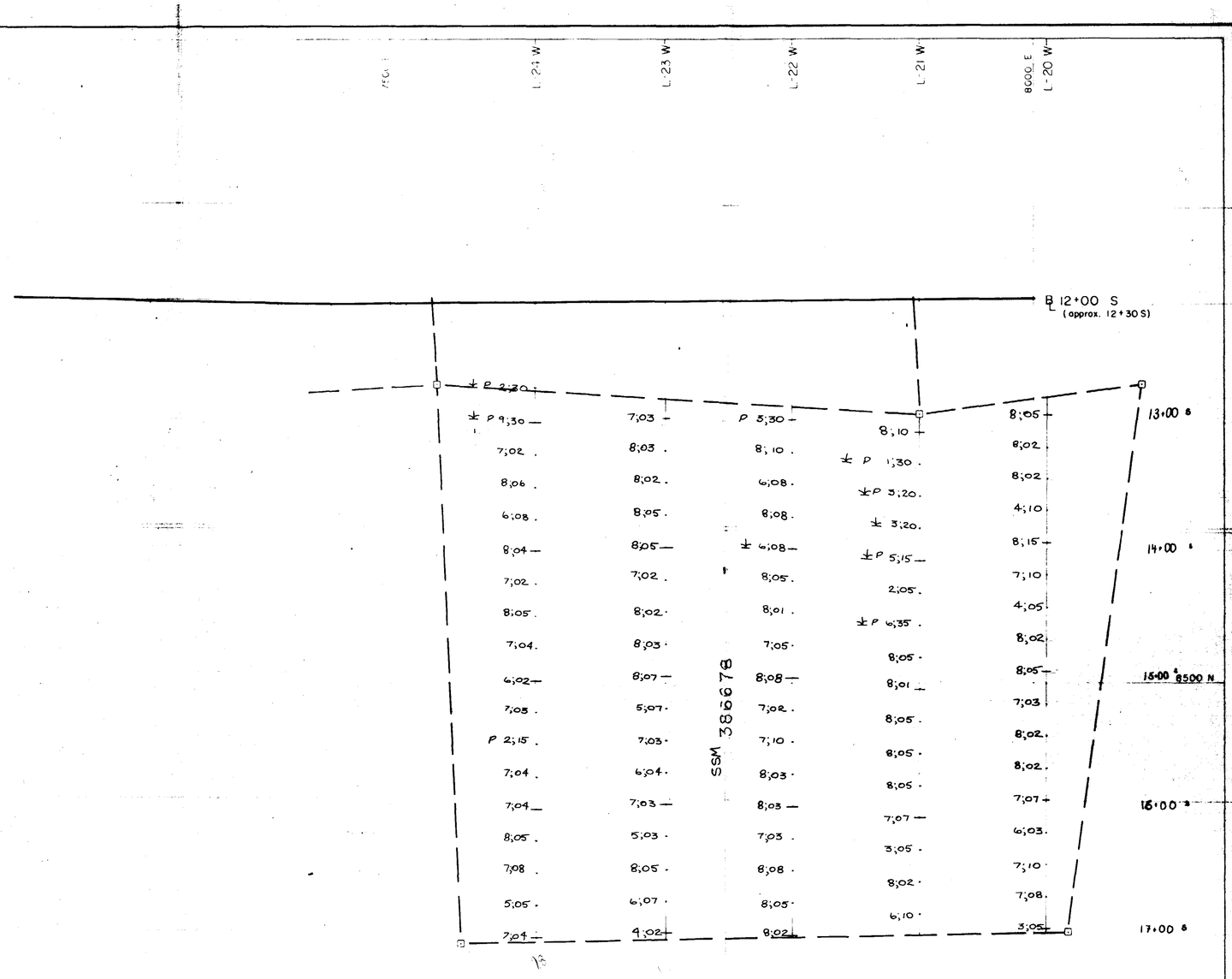
		DATE
DRAWN BY	Mike Kahu	Feb/84
GEOLOGY BY	Mike Kahu	Feb/84
ENGINEERING BY		
APPROVED BY		
DRAWING No.	N.T.S.	

L-6 0 60 120m

REVISED BY	DATE	APPROVED BY	DATE
		E.J. Clark	March/84

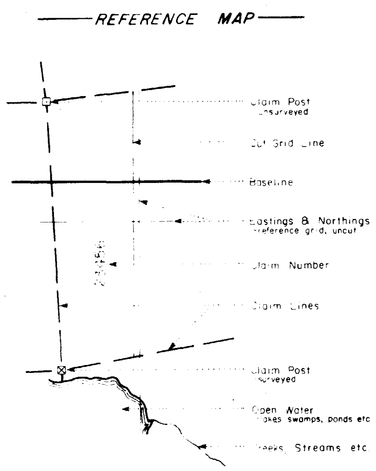
42C/12NW-0049 #2

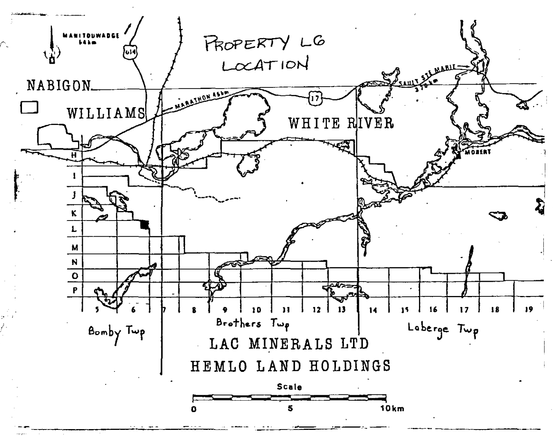
42C/12NW-0049 #2



8000 N

REFERENCE MAP





Part p | Swamp ± | Humification B | Depth 02 | 2.6639

LAC MINERALS LIMITED

LAC Humus Sampling Survey - 1983

Soil Environment Plot

		DATE
DRAWN BY	Nicole Ray	Feb/84
GEOLOGY BY	Mike Kabu	Feb/84
ENGINEERING BY		
APPROVED BY		
DRAWING Nº	N.T.S.	

L-6 0 60 120 m.

REVISED BY	DATE	APPROVED BY	DATE
		C) Oberl	March/84

42C/12NW-0049 #3

42C12NW0074 42C12NW0049 HOLSON LAKE

42C/12NW-0049 #3

L-35W L-34W L-33W L-32W L-31W L-30W L-29W L-28W L-27W L-26W L-25W L-24W L-23W L-22W L-21W

9500 N

9000 N

Molson Lake

T_L 6+00 S

T_L 12+00 S (approx. 12+30 S)

AuG-1 .21

AuG-2 .12

AuG-3 .16

AuG-6 .25

AuG-7 .63

AuG-8 .26

AuG-9 .10

386674

386675

386676

386677

625579

625580

PROPERTY K6 LOCATION

NABIGON

WILLIAMS

WHITE RIVER

Bomby Twp

Brothers

Lebergé Twp

LAC MINERALS LTD
HEMLO LAND HOLDINGS

all claims in SSM mining division

AU. INDICATES GOLD

G INDICATES GRID SAMPLE

Humus Sampling Survey 1983

LAC MINERALS LIMITED

ANOMALIES INDEX MAP - GOLD (ppb)

DRAWN BY Mike Kahu DATE Feb/84

GEOLOGY BY Mike Kahu Feb/84

ENGINEERING BY

APPROVED BY

DRAWING NO. K-6

N.T.S.

1:2000

REVISED BY	DATE	APPROVED BY	DATE
		E.J. Owl	March/84

42C12NW0049 HOLSON LAKE

230

42C/12NW-0049 #4

42C/12 NW-0049 #4

L-35 W | L-34 W | L-33 W | L-32 W | L-31 W | L-30 W | L-29 W | L-28 W | L-27 W | L-26 W | L-25 W | L-24 W | L-23 W | L-22 W | L-21 W

9500 N

T_L 6+00 S

9000 N

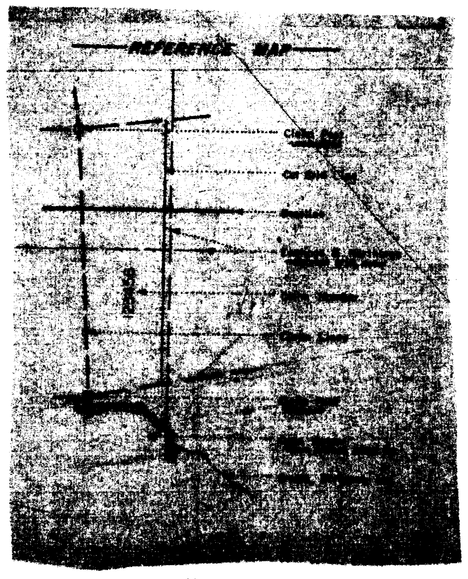
T_L 12+00 S (approx. 12+30 S)

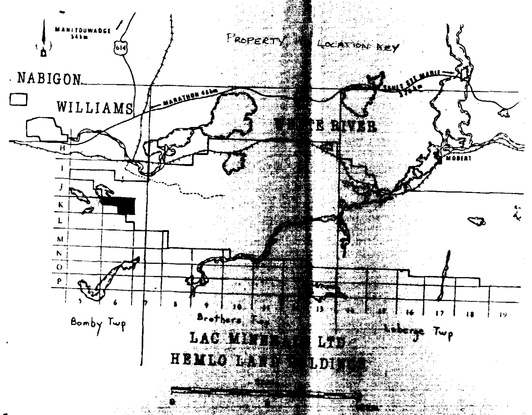
Molson Lake

386674 | 386675 | 625579 | 625580 | 386676 | 386677

All mining claims are in Sault Ste. Marie division

7000 E | 7500 E | 8000 E





Isopleths
5-9.99
10-19.99
20-29.99
≥ 30

Humus Sampling Survey 1983

2.6639
2.6639

LAC MINERALS LIMITED

Au/Mo Assay Data — Hu. (ppb) Mo. (ppm) → Gold Contoured

		DATE
DRAWN BY	Mike Kahu	Feb/84
GEOLOGY BY	Mike Kahu	Feb/84
ENGINEERING BY		
APPROVED BY		
DRAWING N°	N.T.S.	

K-6 60 120 m 1/2000

REVISED BY	DATE	APPROVED BY	DATE
		D Clark	March/84

42C/12NW-0049 #5

42C12NW0049 42C12NW8843 NELSON LAKE

240

42C/12NW-0049 #5

L-35 W | L-34 W | L-33 W | L-32 W | L-31 W | L-30 W | L-29 W | L-28 W | L-27 W | L-26 W | L-25 W | L-24 W | L-23 W | L-22 W | L-21 W

Molson Lake

386674 | 386675 | 625579 | 625580 | 386676 | 386677

9500 N

T L 6+00 S

9000 N

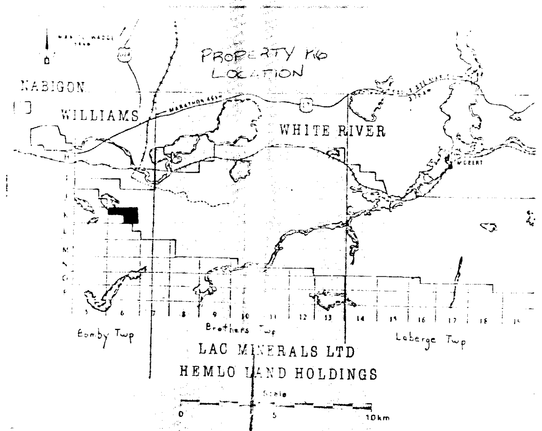
T L 12+00 S (approx. 12+30 S)

500 E

ALL Mining claims Sault Ste Marie Division.

REFERENCE MAP

- Claim Post -unsurveyed
- Cut Grid Line
- Baseline
- Eastings & Northings -reference grid, uncut
- 123456 Claim Number
- Claim Lines
- Claim Post -surveyed
- Open Water -lakes, swamps, ponds etc.
- Creeks, Streams etc.



42C/12NW-0049 #6

Peat P | Swamp * | Humification; Depth 8 02

2.6639

Humus Sampling Survey 1983

LAC MINERALS LIMITED

Soil Environment Plot

	DATE
DRAWN BY Nicole Daw	Sept 84
GEOLOGY BY Mike Kania	Feb 84
ENGINEERING BY	
APPROVED BY	
DRAWING No:	N.T.S.

0 20 40 60 80 100 120 2000

REVISED BY	DATE	APPROVED BY	DATE
		E.J. Clark	March/84

42C/12NW-0049 #6

42C12NW0074 42C12NW0049 NOLSON LAKE

250

L-35 W | L-34 W | L-33 W | L-32 W | L-31 W | L-30 W | L-29 W | L-28 W | L-27 W | L-26 W | L-25 W | L-24 W | L-23 W | L-22 W | L-21 W | 8000 E

9500 N

9000 N

T_L 6+00 S

T_L 12+00 S (approx. 12+30 S)

Molson Lake

386674

386675

625579

386676

625580

386677

#3; 28/1

#2; 35/1

#3; 69/3

#3; 30/2

#3; 32 1/3

#3; 126/3

#3; 39/4

#3; 30/1

#3; 60/2

#3; 3/2

#3; 13/4

#3; 99/2

#3; 22/2

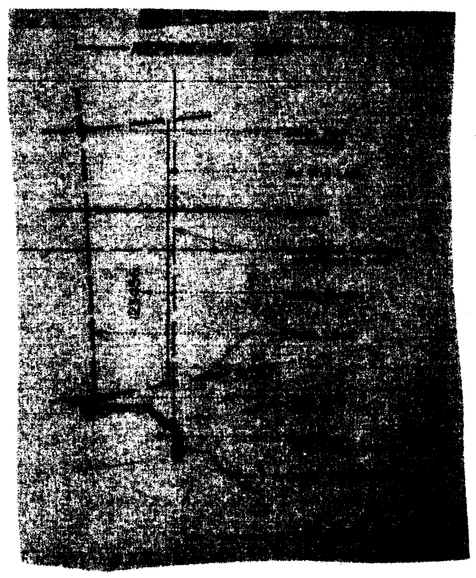
#3; 52/2

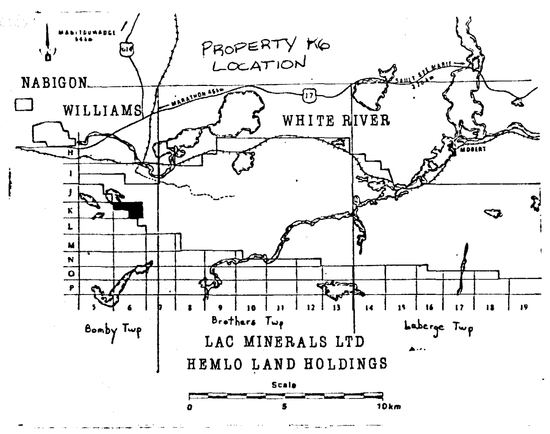
#3; 2/2

Sault Ste Marie Mining Division.

Stn # ——— Std # ; Au(ppb) Mo(ppm)

2.6639





LAC MINERALS LIMITED

LAC Humus Sampling Survey - 1983

STANDARD LOCATION MAP

DRAWN BY Mike Kahu	DATE Feb/84	K-6
GEOLOGY BY Mike Kahu	Feb/84	0 20 40 60 80 100 120 meters
ENGINEERING BY		1:2000
APPROVED BY		
DRAWING No:	N.T.S.	

REVISED BY	DATE	APPROVED BY	DATE
		E) Clark	March/84

42C12NW-0049 #7