

Curtis & Associates Inc.

Geological Consultants



52C16SW8246 2.12455 BENNETT LAKE

010

HUMUS SAMPLING
FIRE RIVER GOLD CORPORATION
ALICE 'A' PROPERTY BENNETT LAKE AREA
KENORA MINING DIVISION
DISTRICT OF RAINY RIVER
ONTARIO
NTS 52C/16

RECEIVED

1989

MINING DIVISION

February 9, 1989

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CONSULTING GEOLOGIST

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1. INTRODUCTION

Fire River Gold Corporation holds the rights to explore a group of 18 mining claims in the Bennett Lake area located 50 miles east of the town of Fort Frances.

The property encompasses the old Alice "A" prospect, the Gold Bug occurrence and the Emma Abbott occurrence, all of which were worked in the late 1890's. The known occurrences occur in a steeply dipping, metavolcanic unit of Archean age which form part of the Atikokan - Fort Frances greenstone belt. The property is situated on the north boundary of a wedge of volcanic and clastic units bound to the north by the Quetico Fault and to the south by the Seine River Fault.

Curtis and Associates Ltd. of Toronto were contracted by Fire River Gold Corporation to evaluate the economic potential of the property with emphasis on gold mineralization. To this end the property was geologically mapped and sampled and a magnetometer survey was conducted during July 1988 (Assessment file 2.11617). This work located several potentially mineralized horizons on the property and it was recommended that a follow-up humus geochemical survey be conducted in an attempt to further define possible mineralization along these horizons.

This report details the result of the aforementioned humus geochemical survey conducted during August 1988.

2. PROPERTY DESCRIPTION

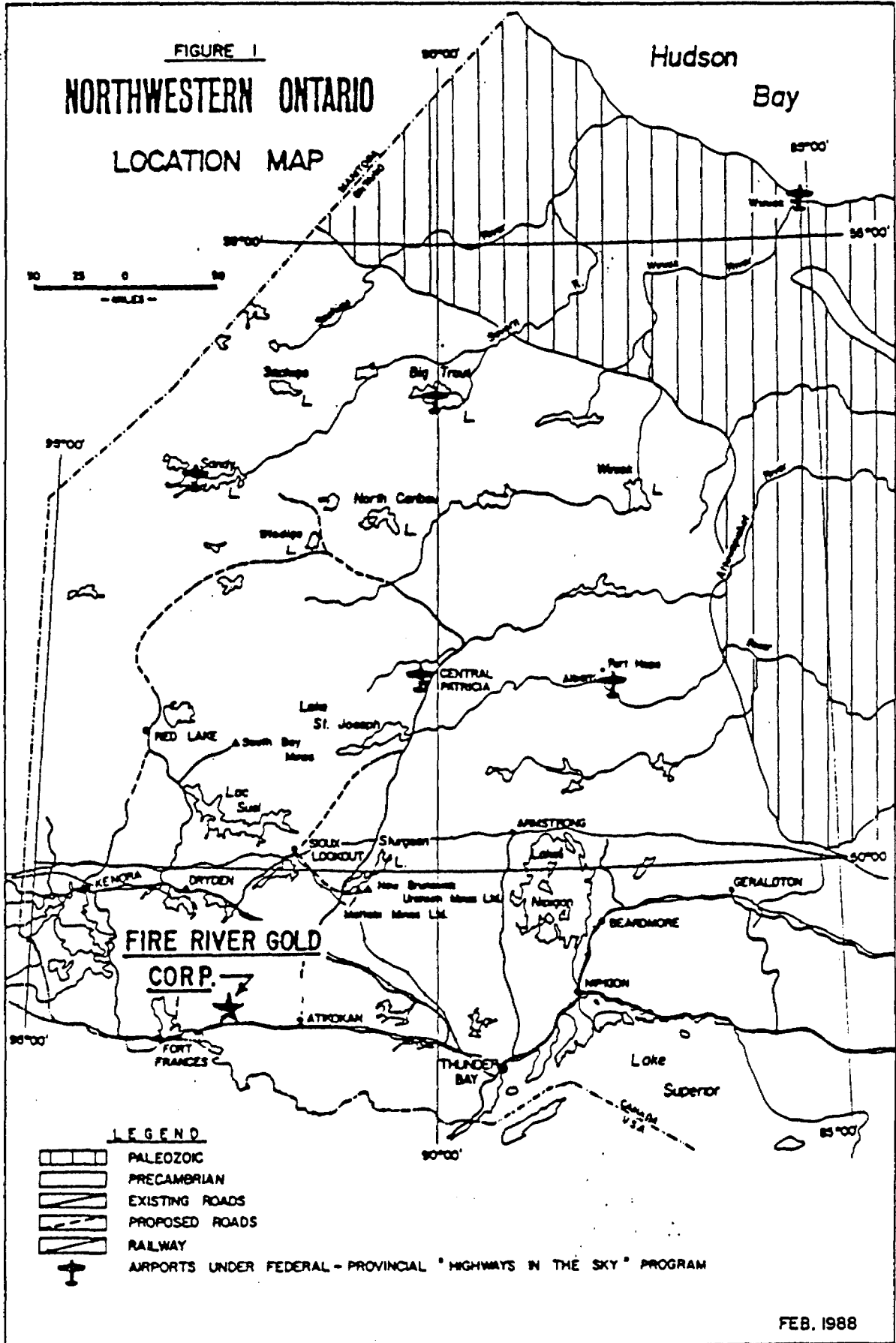
The Alice "A" property consists of eighteen mining claims totalling 680 acres in the Bennett Lake Area. The property is located approximately 50 miles east of the town of Fort Frances and 1.25 miles north of Trans Canada Highway 11, via the Manion Lake Road which crosses the southeast corner of the claim group.

Accommodations and supplies are available at the town of Mine Centre about 10 miles west of the property. A high tension Hydro transmission line and the main line of the Canadian National Railway lie half a mile south of the property. Water is available from Little Turtle River which parallels the north boundary of the property. The property is traversed by a number of old logging trails providing tractor access.

Topographically the property consists of gently rolling hills, with intermittent shallow valleys filled with sand and gravel. Vegetation consists of immature forest cover of spruce, pine and poplar. Soil horizon development is good over much of the property with excellent humus development.

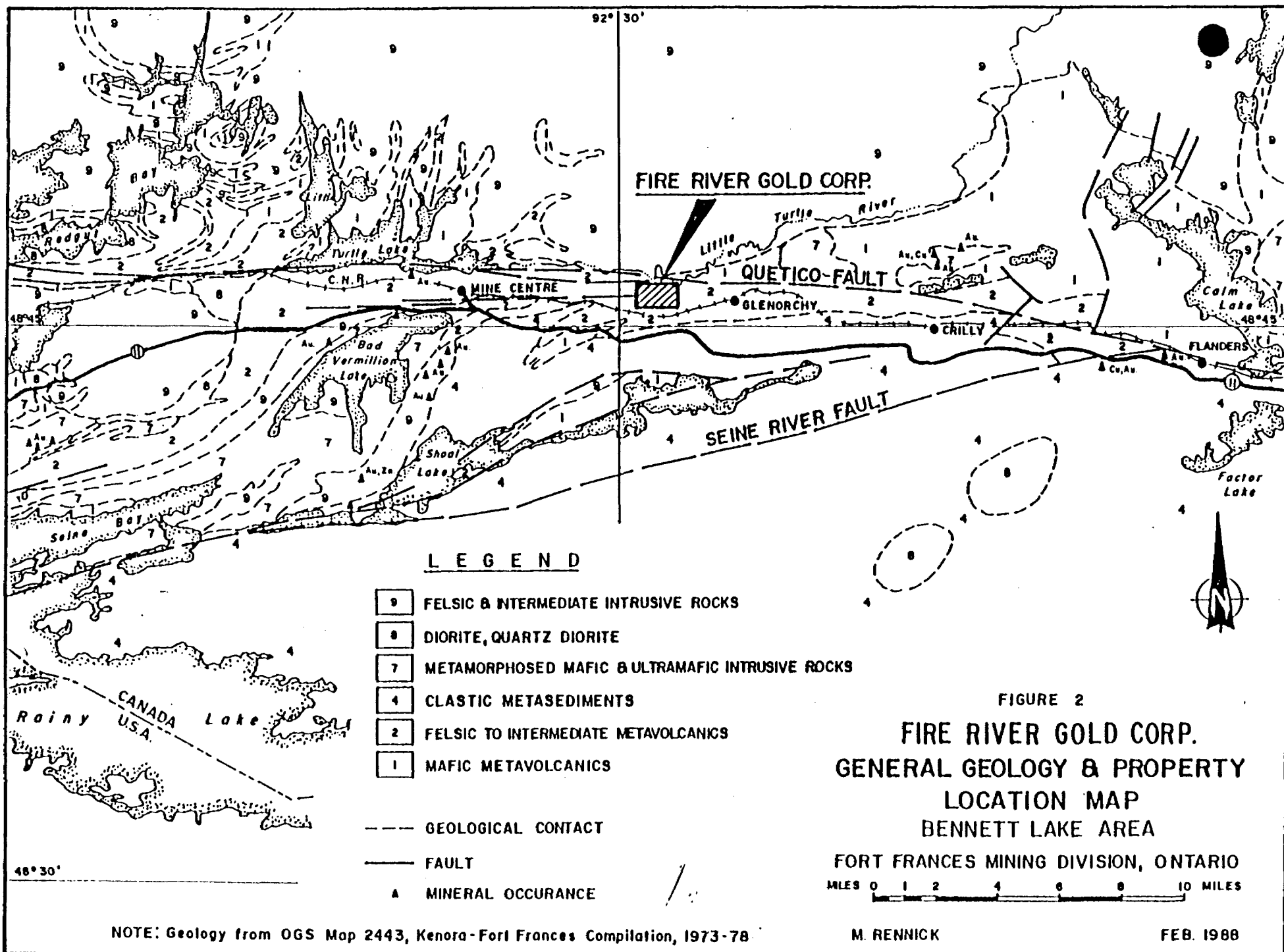
All claims are in good standing and are registered under the name of Fire River Gold Corporation, 500-67 Richmond Street West, Toronto M5H 1Z5.

FIGURE 1
NORTHWESTERN ONTARIO
LOCATION MAP



FIRE RIVER GOLD
CORP.

FEB. 1988



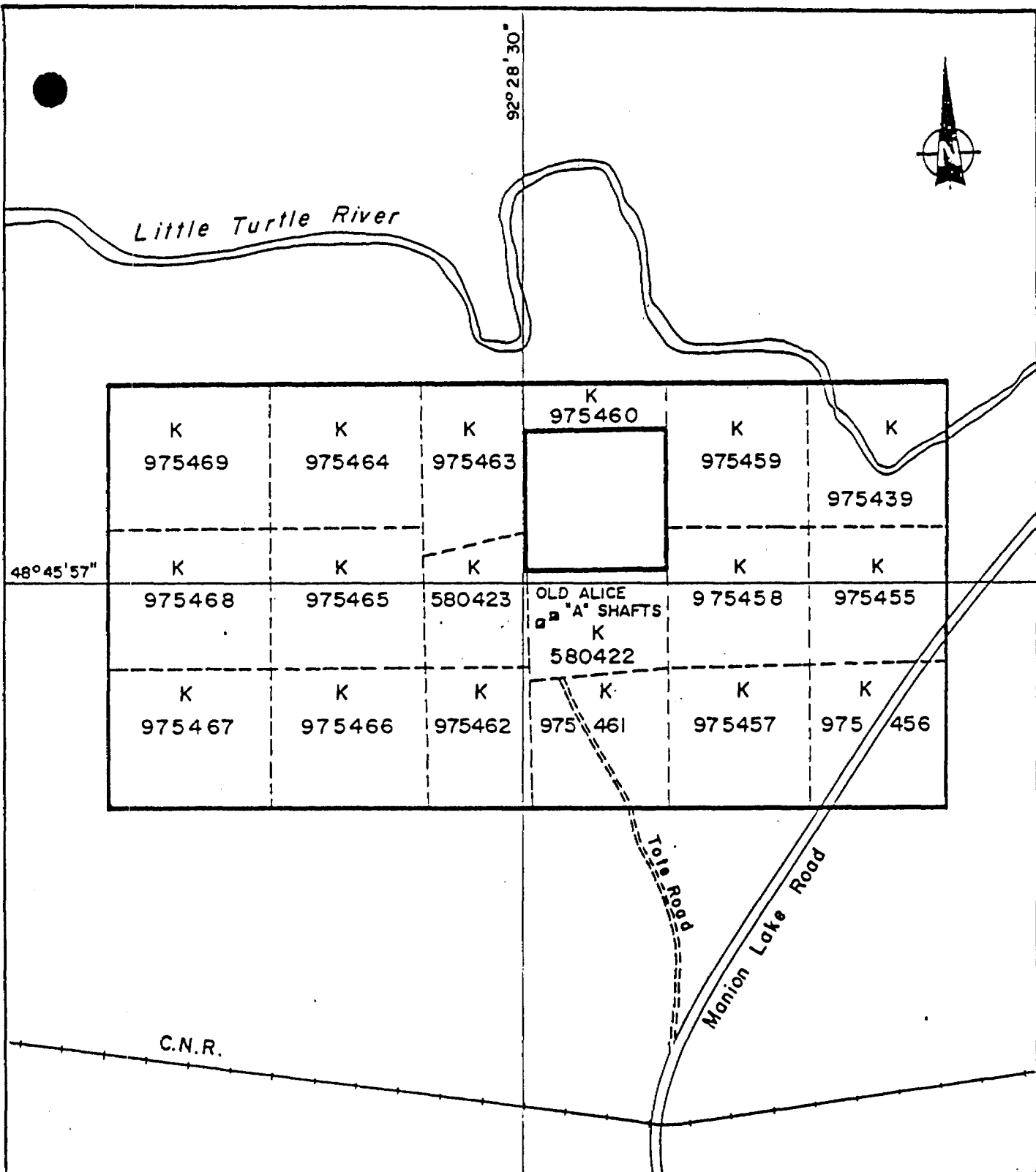


FIGURE 3
 FIRE RIVER GOLD CORP.
 CLAIM LOCATION MAP
 BENNETT LAKE AREA

FORT FRANCES MINING DIVISION, ONTARIO

Feet 0 500 1000 2000 3000 Feet

M. RENNICK

FEB. 1988

	No. of Claims	Date Recorded
K580422 and K580423	2	24/12/80
K975439	1	27/07/87
K975455 to 975469	15	27/07/87
	<hr/>	
Total Claims	18	

3. PREVIOUS WORK

The property was first worked in the late 1890's during a rush of gold exploration activity in the Mine Centre area at which time a number of mining patents were granted, many of which are still in good standing. Government reports of the period record three different mineralized showings occurring on the present property, these include the Alice "A" prospect and the Emma Abbott and Gold bug occurrences.

The Alice "A" prospect was worked by American-Canadian Gold Mining Company between 1897 and 1899 with the sinking of two shafts and minor drifting. A two stamp test mill was reportedly installed, however, it is uncertain if any ore was processed. No results are recorded from the trenching and pitting of the Emma Abbott and Gold Bug occurrences.

Other than some minor work conducted, in the 1920's, the property remained idle until 1975 when the Hanna Mining Company conducted a base metal exploration programme over a 149 claim group including the present property. Hanna conducted geological mapping, magnetometer and VLF electromagnetic surveys over the entire property with some detailed work and drilling away from the present Fire River Gold Corp. property.

Phantom Exploration Services on behalf of Lynx Canada conducted an exploration programme over a large block of claims surrounding the Alice "A" property. The perimeter claims of the Alice "A" property were included in the Lynx programme but the majority of the Alice "A" property was not covered by the Lynx programme.

J.W. Redden staked claims K580422 and K580423 in December 1980 and has held the property since then. These two claims have 200 days assessment work on each claim consisting of mechanical stripping and geophysical surveys. In July 1987 Redden acquired an additional 16 claims enlarging the property to its present 18 claims.

The property was optioned from J.W. Redden by Fire River Gold Corp. who contracted the present work.

REGIONAL GEOLOGY

The rocks of the Mine Centre - Fort Frances Area lie within the Atikokan greenstone belt in a fault bound wedge of metasediments and metavolcanics between the Wabigoon Granite Greenstone Terrane to the north and the Quetico Metasedimentary Terrane to the south. The volcano-sedimentary wedge boundary is defined by the Quetico Fault to the north and Seine River Fault to the south. The rocks consist of mainly felsic to mafic volcanic units with a few sedimentary units. A large band of "Timiskaming Type" conglomerate extends from Shoal Lake to Bennett Lake suggesting the presence of a long lived, deep seated "growth fault" type structure. The area has been intruded by a few gabbroic bodies which have fractured and provide the host for the numerous small gold showings in the Shoal Lake, Little Vermilion Lake area. The rocks are metamorphosed from mid to upper greenschist facies.

SCALE 1:50,000

THREE KILOMETRES

ONE MILE

ALICE "A"
PROPERTY

Little Turtle River



LEGEND

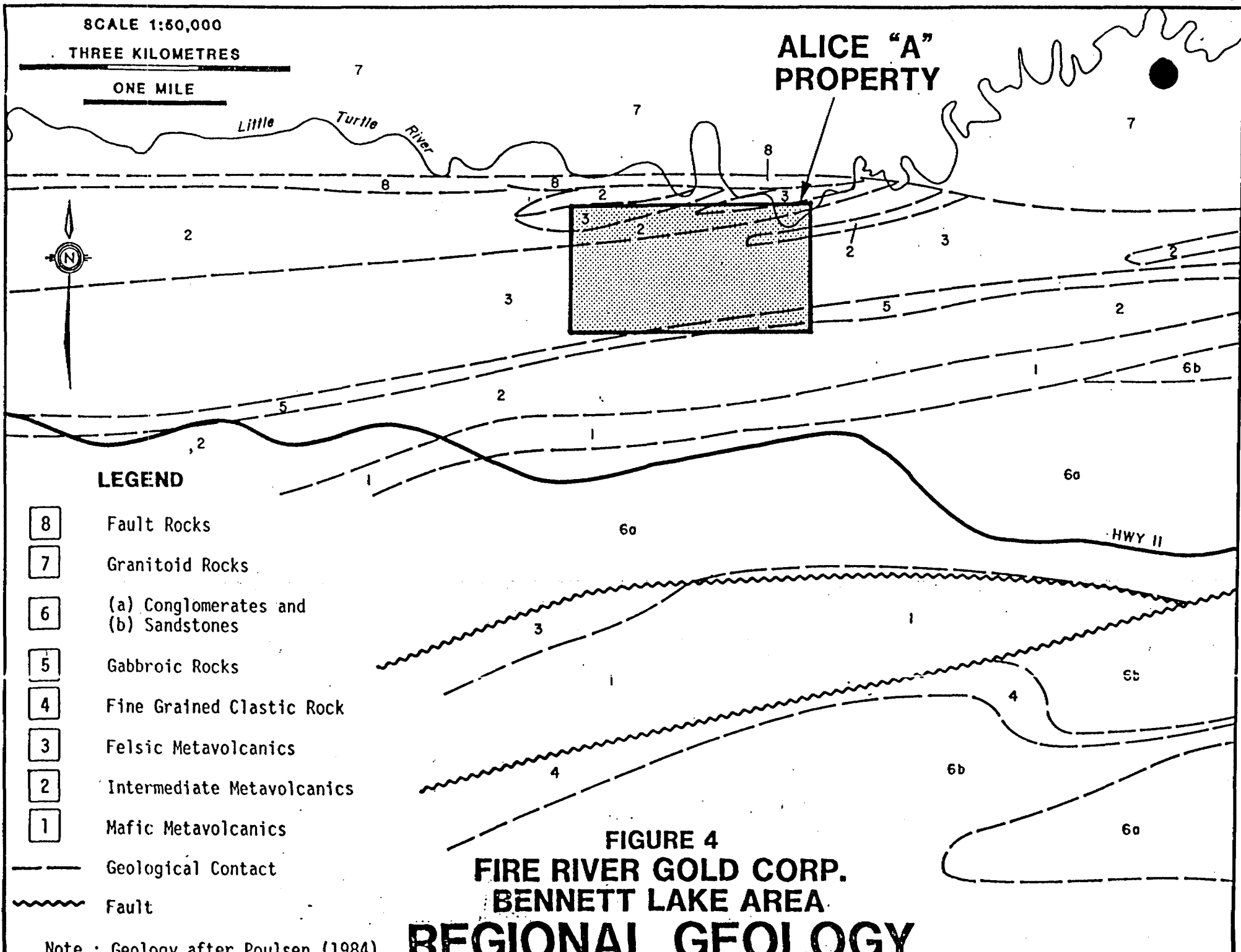
- 8 Fault Rocks
- 7 Granitoid Rocks
- 6 (a) Conglomerates and
(b) Sandstones
- 5 Gabbroic Rocks
- 4 Fine Grained Clastic Rock
- 3 Felsic Metavolcanics
- 2 Intermediate Metavolcanics
- 1 Mafic Metavolcanics

— Geological Contact

~ Fault

Note : Geology after Poulsen (1984)

FIGURE 4
FIRE RIVER GOLD CORP.
BENNETT LAKE AREA
REGIONAL GEOLOGY



PROPERTY GEOLOGY

5.1 Lithologies

The property is underlain by a series of felsic metavolcanics interlayered with narrow bands of mafic metavolcanics. These units are cut by occasional mafic sills and dikes. The felsic metavolcanics consist of rhyolitic flows and/or tuffs characterized by 1-3% grey-blue quartz-eyes and occasional feldspar phenocrysts, within a foliated siliceous groundmass. These units grade from fairly massive rhyolite to a weakly foliated sericite schist. Occasional fragmental units were also observed.

Mafic metavolcanics occur as weakly foliated units containing abundant fine grained green chlorite. No pillow selvages or other like flow structures were observed suggesting some of these units may in fact be fine grained intrusive. Observed contacts are generally diffuse or transitional with chlorite component increasing within the felsics over a 3-5 ft. transition zone as the mafic units are approached.

The mafic intrusive units consist of medium grained chloritic units with 5-10% cream coloured feldspar phenocrysts and occasional quartz-eyes. Disseminated magnetite up to 1-2% is also present in this unit.

2 Structure

Geological mapping and magnetics indicate an east-northeast strike to the rock units on the property associated with a bedding parallel penetrative foliation dipping from 70 degrees north to vertical. Lineations indicate a plunge in the foliation plane at 70 degrees to the east. The foliation is thought to be parallel to the east-west trending Quetico fault to the north of the property. In general the felsics are moderate to well foliated. The mafic units show intense foliation/shearing along contacts but are generally weakly foliated towards the interiors of units.

Several small scale quartz filled tension gashes occur within the felsic units as foliation parallel quartz veinlets and as en echelon quartz lenses or stockworks. These en echelon structures trend at 140 degrees suggesting dextral shearing. It is within these en echelon quartz lenses that the known gold mineralization occurs on the property. The nature of this type of quartz veining suggests the possibility of several discontinuous en echelon veins to the east and west.

3 Alteration

Ferroan carbonate (ankerite?) alteration predominates in the felsic meta-volcanics as indicated by a rusty stain along foliation planes and as individual 1-2 mm rhombs within the matrix of the felsics. Carbonate within the mafic metavolcanics varies from intense along felsic-mafic contacts to minor carbonate within the interior of the flow units.

Intense ferroan carbonate alteration and silicification was noted in the shaft area and at numerous other locations along strike of the main shaft. The Emma Abbott and Gold Bug occurrences occur within this alteration horizon giving a strike length of at least 1 mile for pods of intense alteration and sulfide (Pb, Zn) mineralization.

Sericite is prevalent within the felsic units which when well foliated appear as sericite schists.

MAGNETOMETER SURVEY

In July 1981 a magnetics survey was conducted by Curtis and Associates. The magnetic survey proved useful in detailing the outline of the major lithologic units as observed during geological mapping. The survey also identified several thin bands of high magnetic relief trending east-west which are thought to be thin mafic intrusive dikes or sills. The magnetics also identified several areas of low magnetic relief, one of which corresponds to the altered/mineralized horizon of the Alice "A", Goldbug and Emma Abbott showings. These magnetic lows are possibly related to altered horizons within the felsic volcanics and maybe promising targets to explore. The magnetics show a general east-west trend to the structure/stratigraphy with occasional possible north-northwest trending cross faults. These magnetic lows and cross faults have been plotted on the geological map enclosed with this report.

HUMUS GEOCHEMICAL SURVEY

7.1 Sampling Method

Humus samples were collected at 50 ft intervals on 200ft spaced lines over select areas identified through geological and magnetics mapping. The humus horizon of the soil profile was sampled taking care not to contaminate samples with underlying sands or clays. Individual samples were placed in paper envelopes marked with the sample coordinates.

Samples were shipped to X-Ray Laboratories in Don Mills Ontario for analysis. Samples were dried and sieved and a 15gm briquette was compacted from this material. Gold was analysed by direct irradiation and Instrument Neutron Activation Analysis (INAA) with a detection limit of 1.0 ppb Au. Copper Lead and zinc were analysed by Direct Coupled Plasma Emission Spectroscopy (DCP) after mixed acid digestion with a detection limit of 0.5 ppm for Cu and Zn and 2.0 ppm for Pb.

A total of 316 sample were collected and analysed with results appended at the back of this report and plotted on map #3 Humus Survey.

no.2 RESULTS

Analysis of the samples collected returned the following values for gold:

Analysis (ppb Au)	Number of samples	% of samples
<1	218	69%
2	56	18%
3	23	7%
4	14	4%
>5	5	<2%
	316	

A single sample taken at L24E-9+50S returned a value of 34ppb Au.

Due to the relatively low values and discontinuous nature of the sample make it difficult to determine the significance of this results.

Copper values range between 5.0ppm and 27.0 ppm. Lead values range between 8.0ppm and 60.0ppm with two anomalous values, 1) 150ppm Pb at L24W-7+00S and 2) 260ppm. Pb at L8W-6+00S. Zinc values varied widely between 35ppm and 640ppm with a single value of 1200ppm Zn at L24W-7+00S.

The results of the analysis have been plotted on drawing no.2 with indicators for values which exceed arbitrary threshold values for analysis.

Conclusions and Recommendations

Although the results of this limited survey are difficult to interpret, there is an indication of possible sulfide and/or gold mineralization along the magnetic low trend associated with the Emma Abbott, Alice 'A', and gold bug occurrence.

The primary exploration target on this property still remains the Alice "A" prospect and its strike extension. Strong carbonate alteration was noted along strike for up to 1 mile sulfide mineralization in quartz veining noted at the Emma Abbott and Gold Bug occurrences. Lithogeochemical sampling of the Alice "A" suggested a strong lead-zinc-gold association. Although humus sampling along strike failed to locate anomalous Au mineralization good zinc mineralization was noted along strike. This zone appears to be paralleling the Quetico Fault and most probably is structurally controlled.

The following conclusions have been determined through exploration to date:

1. A zone of alteration was noted within the felsic volcanic unit with a strike length of at least one mile containing scattered mineralized quartz veining.
2. An ore grade Au value was obtained from a single rock grab sample of quartz in the vicinity of the Alice "A" shaft with associated highly anomalous Cu, Pb, Zn and Ag values.
3. Anomalous Cu, Pb, Zn and Ag values were obtained from rock samples along strike at both the Gold Bug occurrence to the west and the Emma Abbott occurrence to the east. Values of up to 1.8% Zn were obtained from grab samples of quartz from the Gold Bug occurrence.
4. Weakly anomalous gold and zinc values were obtained from humus samples along strike of the Alice 'A' occurrence.
5. The Alice "A" zone is situated on an alteration-structural feature of regional significance, which may be related to major faulting to the south and north of the property.

These surveys have established some strike continuity to the Alice "A" gold zone, over a strike length of at least a mile. Further work is warranted to test this horizon for gold zones which may be blanketed by overburden.

It is recommended that limited follow-up surface work be conducted in an attempt to detail the Alice "A" horizon along strike and determine the possible presence of mineralization.

We are also on the opinion that some regional sampling be carried out along strike of the claim group and along the main highway where rocks of similar appearances have been identified.

The following limited exploration programme is recommended:

Recommended exploration Programme & Budget

Phase 1

1.	VLF over southern half of property 10 miles at \$160/mile	\$ 1600
2.	IP survey over selected areas 3 miles at \$1800/mile all inclusive	5400
3.	Mob-Demob of crew	2000
4.	Reporting and Interpretation	1000
		<hr/>
	Sub-Total	10,000

Phase 2

1.	Stripping and Trenching	\$ 8000
2.	Washing & Sampling of trenches	2000
3.	Project Management and Regional Sampling	
a.	Geologist 7 days at \$400 per day	2800
	Time and Expenses	
b.	Mob & Demob	700
4.	Reporting, assays, etc.	1500

Sub-Total: \$ 15,000

Total Phase I & II: \$ 25,000

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Selected References

- Hogg, Nelson M., 1975: Geological Report on Mine Centre Project of The Hanna Mining Company; OGS File No. 2.2297.
- McWilliams, G. and Ali, A., 1974: Mine Centre - Entwind Lake Sheet; Ont. Mines, Preliminary Map P.965 Scale 1 in. to 2 mi.
- Mordaunt, Peter, 1985: Lynx Canada Explorations, Alice "A" Property - a geological report; OGS File No. 2.7798.
- Muhic, J., 1976: Magnetic and Electromagnetic Reports on Mine Centre Project of the Hanna Mining Company; OGS File No. 63.3367.
- Poulsen, K.H., 1984: The geological setting of mineralization in the Mine Centre - Fort Frances area, District of Rainy River; OGS Open File Report 5512.
- Redden, James, W.: Reports on Mining Claims K-580422 and K-580423 (Alice "A" Mine), including sampling, magnetic and electromagnetic data; OGS File Nos. 2.6399, 2.8241, and 2.10548.
- Rennick, M.W., 1988: Report on the Fire River Gold Corp. Alice "A" Property Company Files.
- Spence, I., 1984: Geophysical Report, VLF EM-16 and Proton Magnetometer Survey for Lynx Canada Explorations Limited; OGS File No. 2.6748.

Ontario Bureau of Mines

- | | |
|------|-----------------------------|
| 1894 | Volume IV, pg. 29. |
| 1898 | Volume VII, pg. 2, pg. 129. |
| 1899 | Volume VIII, pg. 1-46. |
| 1900 | Volume IX, pg. 75 |

Ontario Division of Mines

- | | |
|------|--|
| 1976 | Mineral Deposit Circular 16, pg.7. |
| 1980 | Map 2443, Compilation Series, Kenora-Fort Frances Sheet. Scale 1 in. to 4 mi. |
| 1980 | Ontario Geological Survey, Geophysical/Geochemical Series, Map 80504, Atikokan - Mine Centre Area (Western Part). Airborne Electromagnetic Survey - Scale 1:31,680 - and Total Intensity Magnetic Survey - Scale 1:20,000. |

Certificate of Author

I, Ronald J. Hampton residing at 207 Maple Grove Blvd., Maple Grove, Quebec do declare:

- I am a graduate of McGill University in Montreal, Quebec; receiving a B.Sc. Honours degree in 1985 specializing in geology and have been practicing in this field since graduation.

- this report is based on personal supervision and examination of work carried out on the property during August 1988.

- As a consulting geologist to Fire River Gold Corp. I do not have any direct or indirect interest in the property or securities of the company nor do I expect to receive any in the future.

Ron Hampton

Ronald J. Hampton B.Sc.
Consulting Geologist



CERTIFICATE OF ANALYSIS
REPORT 6308

TO: LAURENCE CURTIS & ASSOCIATES INC
ATTN: LAURENCE CURTIS
20 TORONTO STREET, SUITE 1270
TORONTO, ONTARIO
M5C 2B8

CUSTOMER No. 186

DATE SUBMITTED
29-Aug-88

REF. FILE 2568-SR

Total Pages 6

283 HUMUS Proj. ALICE "A"

	METHOD	DETECTION LIMIT
AU PPB	NA	1.
CU PPM	DCP	0.5
ZN PPM	DCP	0.5
PB PPM	DCP	2.

DATE 23-SEP-88

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
32W-4+00S	<1	7.5	90.0	44
32W-4+50S	2	6.0	98.0	48
32W-5+00S	3	8.5	97.0	42
32W-5+50S	<1	9.5	100.	46
28W-4+50S	<1	12.0	160.	44
28W-5+00S	3	9.0	140.	52
28W-5+50S	<1	9.0	120.	38
28W-6+00S	<1	7.5	200.	36
28W-6+50S	2	8.0	190.	34
28W-7+00S	1	11.0	110.	34
28W-7+50S	1	9.0	110.	34
28W-8+00S	<1	10.0	97.0	42
28W-8+50S	<1	6.0	55.0	30
28W-9+00S	4	5.5	76.0	40
28W-9+50S	<1	6.5	110.	34
28W-10+00S	2	7.0	68.0	38
24W-5+00S	1	10.0	250.	30
24W-5+50S	1	10.0	290.	40
24W-6+00S	2	5.5	130.	52
24W-6+50S	<1	6.5	89.0	60
24W-7+00S	5	13.0	1200.	150
24W-7+50S	3	8.5	96.0	36
24W-8+00S	<1	8.5	170.	48
24W-8+50S	SMP MISS	SMP MISS	SMP MISS	SMP MISS
24W-18+00S	2	10.0	220.	16
24W-18+50S	<1	11.0	150.	32
24W-19+00S	<1	12.0	150.	22
24W-19+50S	1	12.0	120.	30
24W-20+00S	2	10.0	54.0	12
22W-6+00S	2	6.5	100.	32
22W-6+50S	2	7.0	150.	46
22W-7+00S	<1	8.0	280.	42
22W-7+50S	<1	10.0	600.	24
22W-8+00S	3	10.0	330.	46
20W-7+00S	<1	13.0	180.	34
20W-7+50S	<1	12.0	290.	38
20W-8+00S	1	10.0	100.	24
20W-8+50S	<1	14.0	78.0	38
20W-20+50S	<1	5.5	100.	38
20W-21+00S	<1	5.0	73.0	32
20W-21+50S	<1	10.0	63.0	36
20W-22+00S	2	10.0	130.	32
18W-6+50S	<1	10.0	150.	38
18W-7+00S	<1	12.0	48.0	20
18W-7+50S	2	18.0	78.0	26
18W-8+00S	2	14.0	130.	26
18W-8+50S	<1	17.0	76.0	18
16W-6+00S	2	12.0	88.0	18
16W-6+50S	<1	22.0	81.0	12
16W-7+00S	1	9.0	120.	16

SMP.MISS. - SAMPLE WAS NOT RECEIVED AT XRAL

SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
16W-7+50S	<1	11.0	330.	56
16W-8+00S	<1	12.0	240.	60
16W-8+50S	4	10.0	300.	36
14W-5+50S	<1	10.0	130.	36
14W-6+00S	<1	5.5	74.0	24
14W-6+50S	<1	5.5	150.	38
14W-7+00S	3	5.5	74.0	34
14W-7+50S	2	7.5	160.	48
14W-8+00S	<1	9.0	240.	22
14W-8+50S	2	9.0	330.	54
12W-4+50S	2	8.5	84.0	14
12W-5+00S	4	15.0	66.0	22
12W-5+50S	<1	9.0	36.0	30
12W-6+00S	<1	10.0	51.0	44
12W-6+50S	2	7.0	160.	36
12W-7+00S	<1	11.0	160.	36
12W-7+50S	2	6.0	110.	42
12W-17+00S	1	11.0	360.	30
12W-17+50S	2	5.5	170.	44
12W-18+00S	<1	8.0	170.	46
12W-18+50S	<1	8.0	89.0	42
12W-19+00S	2	10.0	54.0	28
12W-19+50S	<1	10.0	84.0	28
10W-4+50S	3	11.0	90.0	40
10W-5+00S	<1	10.0	100.	34
10W-5+50S	2	17.0	120.	60
10W-6+00S	<1	8.5	120.	32
10W-6+50S	<1	9.0	190.	38
8W-4+00S	<1	8.5	120.	30
8W-4+50S	<1	10.0	140.	24
8W-5+00S	3	10.0	100.	36
8W-5+50S	1	11.0	170.	34
8W-6+00S	5	14.0	160.	260
8W-6+50S	4	9.0	210.	34
8W-15+00S	<1	12.0	640.	38
8W-15+50S	<1	9.0	790.	46
8W-16+00S	<1	10.0	450.	56
8W-16+50S	1	8.5	280.	36
8W-17+00S	<1	10.0	110.	44
8W-17+50S	<1	13.0	61.0	28
8W-18+00S	<1	6.5	90.0	18
8W-18+50S	<1	5.5	74.0	20
8W-19+00S	2	4.5	63.0	28
6W-4+00S	2	9.5	150.	24
6W-4+50S	<1	8.5	120.	40
6W-5+00S	1	7.5	100.	44
6W-5+50S	<1	15.0	280.	52
6W-6+00S	<1	7.0	170.	40
6W-6+50S	<1	7.0	250.	44
4W-3+00N	<1	11.0	88.0	20



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
4W-2+50N	<1	10.0	81.0	8
4W-2+00N	<1	17.0	83.0	14
4W-1+50N	2	9.5	120.	24
4W-1+00N	2	10.0	160.	46
4W-14+00S	2	7.0	160.	56
4W-14+50S	<1	13.0	130.	34
4W-15+00S	3	5.5	71.0	34
4W-15+50S	1	12.0	50.0	32
4W-16+00S	2	12.0	75.0	24
2W-2+00S	<1	14.0	180.	30
2W-2+50S	1	9.0	95.0	30
2W-3+00S	2	21.0	110.	48
2W-3+50S	2	5.0	91.0	48
2W-4+00S	2	12.0	75.0	32
2W-4+50S	2	6.0	93.0	38
2W-5+00S	<1	3.5	78.0	50
2W-5+50S	<1	10.0	68.0	30
2W-6+00S	<1	8.5	100.	22
2W-6+50S	2	14.0	140.	52
2W-7+00S	4	8.0	120.	56
L0-13+50S	1	8.0	180.	44
L0-14+00S	<1	8.5	130.	36
L0-14+50S	1	8.0	54.0	26
L0-15+00S	<1	14.0	70.0	28
L0-15+50S	1	8.0	130.	32
2E-2+00S	2	12.0	64.0	18
2E-2+50S	<1	9.5	120.	34
2E-3+00S	<1	5.5	94.0	20
2E-3+50S	1	6.5	110.	32
2E-4+00S	<1	8.0	150.	18
2E-4+50S	<1	8.0	180.	32
2E-5+00S	<1	16.0	130.	20
2E-5+50S	2	11.0	160.	26
2E-6+00S	<1	11.0	86.0	30
2E-6+50S	<1	16.0	63.0	30
2E-7+00S	<1	12.0	81.0	20
4E-12+00S	<1	9.5	95.0	22
4E-12+50S	1	12.0	99.0	24
4E-13+00S	2	11.0	180.	22
4E-13+50S	<1	13.0	100.	18
4E-14+00S	<1	13.0	73.0	20
4E-14+50S	<1	8.0	75.0	16
6E-5+00S	<1	8.0	73.0	32
6E-5+50S	<1	8.0	45.0	30
6E-6+00S	3	10.0	62.0	24
6E-6+50S	<1	10.0	78.0	26
6E-7+00S	2	12.0	130.	26
6E-7+50S	<1	12.0	120.	30
8E-5+00S	<1	12.0	160.	24
8E-5+50S	<1	15.0	310.	22



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
8E-6+00S	2	9.5	130.	30
8E-6+50S	<1	10.0	110.	20
8E-7+00S	2	11.0	170.	22
8E-7+50S	<1	8.0	150.	28
8E-9+00S	<1	9.0	57.0	28
8E-9+50S	2	12.0	65.0	24
8E-10+00S	<1	15.0	64.0	26
8E-10+50S	<1	13.0	97.0	32
8E-11+00S	<1	14.0	170.	24
8E-11+50S	<1	13.0	220.	26
8E-12+00S	<1	11.0	130.	20
8E-12+50S	<1	10.0	200.	16
8E-13+00S	<1	13.0	92.0	14
8E-13+50S	2	6.0	71.0	18
8E-18+00S	<1	5.0	80.0	36
8E-18+50S	2	7.0	78.0	46
8E-19+00S	2	5.0	61.0	36
8E-19+50S	<1	6.0	79.0	40
8E-20+00S	<1	5.0	55.0	38
10E-5+50S	<1	7.0	110.	20
10E-6+00S	2	7.0	140.	44
10E-6+50S	4	8.0	150.	38
10E-7+00S	1	7.0	100.	36
10E-7+50S	1	5.5	130.	30
12E-1+00N	2	3.0	65.0	32
12E-0+50N	2	9.0	310.	40
12E-0+00	<1	7.5	230.	40
12E-0+50S	3	7.5	130.	24
12E-1+00S	3	15.0	78.0	28
12E-5+00S	2	11.0	190.	48
12E-5+50S	<1	7.5	89.0	22
12E-6+00S	1	8.5	84.0	36
12E-6+50S	4	7.5	130.	34
12E-7+00S	2	6.5	110.	50
12E-7+50S	4	7.5	140.	48
12E-10+50S	<1	6.5	93.0	32
12E-11+00S	1	8.5	180.	34
12E-11+50S	<1	5.5	81.0	28
12E-12+00S	<1	7.0	210.	24
12E-12+50S	<1	8.5	86.0	18
12E-18+50S	<1	7.0	98.0	40
12E-19+00S	<1	10.0	220.	44
12E-19+50S	1	8.5	190.	32
12E-20+00S	<1	9.5	240.	32
16E-1+00N	<1	17.0	110.	28
16E-0+50N	1	11.0	210.	16
16E-0+00	<1	8.0	190.	14
16E-0+50S	<1	7.5	250.	38
16E-1+00S	<1	10.0	180.	16
16E-6+50S	1	8.0	200.	40



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
16E-7+00S	<1	4.0	80.0	18
16E-7+50S	<1	8.0	140.	28
16E-8+00S	<1	8.0	200.	28
16E-9+00S	<1	7.5	110.	32
16E-9+50S	<1	5.5	100.	44
16E-10+00S	<1	8.0	170.	34
16E-10+50S	<1	23.0	160.	44
16E-11+00S	<1	7.0	71.0	42
16E-15+00S	<1	14.0	130.	20
16E-15+50S	<1	6.0	73.0	28
16E-16+00S	<1	10.0	96.0	24
16E-16+50S	2	10.0	150.	46
16E-17+00S	<1	18.0	270.	32
16E-17+50S	<1	8.5	70.0	20
16E-18+00S	<1	21.0	170.	20
16E-18+50S	<1	16.0	160.	18
16E-19+00S	1	17.0	93.0	20
20E-1+00N	<1	12.0	170.	40
20E-0+50N	<1	12.0	160.	42
20E-0+00	<1	20.0	150.	28
20E-0+50S	<1	17.0	190.	28
20E-1+00S	3	16.0	110.	14
20E-6+00S	<1	11.0	200.	22
20E-6+50S	4	6.5	120.	30
20E-7+00S	1	8.5	60.0	24
20E-7+50S	1	10.0	82.0	40
20E-9+00S	1	14.0	130.	24
20E-9+50S	2	14.0	240.	58
20E-10+00S	3	18.0	440.	52
20E-10+50S	4	12.0	340.	36
20E-15+50S	4	19.0	86.0	16
20E-16+00S	2	26.0	73.0	18
20E-16+50S	3	20.0	83.0	24
20E-17+00S	4	27.0	94.0	16
24E-0+00	4	22.0	72.0	22
24E-0+50S	4	20.0	93.0	22
24E-1+00S	3	17.0	130.	14
24E-1+50S	<1	21.0	120.	20
24E-5+50S	<1	12.0	160.	20
24E-6+00S	<1	8.5	88.0	28
24E-6+50S	<1	10.0	150.	30
24E-7+00S	1	9.0	130.	36
24E-9+00S	3	13.0	190.	46
24E-9+50S	34	10.0	190.	38
24E-10+00S	<1	8.0	120.	20
24E-10+50S	2	10.0	92.0	26
24E-11+00S	<1	14.0	94.0	42
24E-11+50S	1	13.0	62.0	28
24E-12+00S	<1	9.0	95.0	18
24E-14+50S	<1	12.0	150.	6



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
24E-15+00S	2	9.5	110.	12
24E-15+50S	<1	24.0	90.0	16
24E-16+00S	5	18.0	93.0	24
28E-1+00S	<2	39.0	91.0	20
28E-1+50S	4	21.0	100.	26
28E-2+00S	2	21.0	110.	18
28E-2+50S	3	21.0	190.	30
28E-3+00S	<1	16.0	190.	28
28E-5+50S	<1	12.0	96.0	24
28E-6+00S	<1	14.0	80.0	34
28E-6+50S	<1	8.5	120.	36
28E-7+00S	<1	9.5	130.	26
28E-7+50S	<1	11.0	240.	24
28E-8+00S	<1	10.0	190.	28
28E-13+00S	<1	15.0	200.	18
28E-13+50S	<1	13.0	170.	16
28E-14+00S	<1	13.0	150.	18
28E-14+50S	<1	13.0	81.0	14
28E-15+00S	<1	8.0	68.0	8
32E-2+00S	<1	22.0	88.0	16
32E-2+50S	<1	20.0	120.	16
32E-3+00S	<1	23.0	85.0	18
32E-3+50S	<1	12.0	140.	16
32E-4+00S	<1	19.0	120.	10
32E-13+50S	<1	10.0	110.	38
32E-14+00S	<1	8.5	150.	28
32E-14+50S	<1	6.5	150.	28
32E-15+00S	<1	7.0	120.	42
32E-15+50S	<1	8.0	130.	44
36E-13+50S	<1	15.0	110.	24
36E-14+00S	<1	18.0	100.	32
36E-14+50S	<1	16.0	160.	28
36E-15+00S	<1	19.0	130.	28
36E-15+50S	<1	17.0	150.	30



CERTIFICATE OF ANALYSIS
REPORT 5944

TO: LAURENCE CURTIS & ASSOCIATES INC
ATTN: RON HAMPTON
20 TORONTO STREET, SUITE 1270
TORONTO, ONTARIO
M5C 2B8

CUSTOMER No. 186

DATE SUBMITTED
28-Jul-88

REF. FILE 2217-

Total Pages 1

33 HUMUS Proj. ALICE 'A'

	METHOD	DETECTION LIMIT
AU PPB	NA	1.
CU PPM	DCP	0.5
ZN PPM	DCP	0.5
PB PPM	DCP	2.

DATE 23-AUG-88

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY *J. Logan*



SAMPLE	AU PPB	CU PPM	ZN PPM	PB PPM
L0+00 2+00S	2	9.0	36.0	32
L0+00 2+50S	1	8.5	58.0	28
L0+00 3+00S	2	6.0	59.0	48
L0+00 3+50S	2	5.5	42.0	30
L0+00 4+00S	<1	6.5	64.0	26
L0+00 4+50S	1	10.0	170.	28
L0+00 5+00S	3	9.5	160.	28
L0+00 5+50S	1	8.5	110.	20
L0+00 6+00S	3	15.0	53.0	22
L0+00 6+50S	2	15.0	70.0	4
L0+00 7+00S	1	10.0	210.	28
L4+00E 2+00S	<2	11.0	35.0	18
L4+00E 2+50S	<2	15.0	66.0	22
L4+00E 3+00S	<6	27.0	67.0	24
L4+00E 3+50S	3	17.0	59.0	12
L4+00E 4+00S	<1	12.0	68.0	16
L4+00E 4+50S	<1	15.0	66.0	26
L4+00E 5+00S	2	8.0	200.	26
L4+00E 5+50S	<1	15.0	150.	38
L4+00E 6+00S	<1	10.0	78.0	18
L4+00E 6+50S	<1	10.0	64.0	34
L4+00E 7+00S	2	8.5	47.0	18
L4+00W 2+00S	<1	8.0	43.0	24
L4+00W 2+50S	<1	9.0	110.	30
L4+00W 3+00S	1	8.0	70.0	32
L4+00W 3+50S	<1	12.0	58.0	20
L4+00W 4+00S	<7	24.0	54.0	12
L4+00W 4+50S	2	9.5	250.	24
L4+00W 5+00S	1	5.5	86.0	42
L4+00W 5+50S	<1	7.5	63.0	38
L4+00W 6+00S	<2	10.0	53.0	22
L4+00W 6+50S	<2	23.0	64.0	18
L4+00W 7+00S	3	14.0	57.0	16



X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5809

INVOICE TO:

LAURENCE CURTIS & ASSOCIATES INC
ATTN: LAURENCE CURTIS
20 TORONTO STREET, SUITE 1270
TORONTO, ONTARIO
M5C 2B8

COPY TO:

SUBMITTED TO:

LAURENCE CURTIS & ASSOCIATES INC
ATTN: LAURENCE CURTIS
20 TORONTO STREET, SUITE 1270
TORONTO, ONTARIO
M5C 2B8

CUSTOMER NO. 186

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
6308	23-Sep-88	2568	29-Aug-88

TERMS

TERMS NET 30 DAYS
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENTS P.O. NO.	CLIENT PROJECT NO. ALICE "A"	TYPE OF SAMPLES SUBMITTED HUMUS
------------------	--	------------------------------------

NO. OF PKGS 7 BOXES	SHIPPED VIA BPX	WAY BILL NO.	SHIPPED FROM
------------------------	--------------------	--------------	--------------

QUANTITY	DESCRIPTION METHOD	CODE NUMBER	UNIT COST	AMOUNT
1. 283	CU, ZN, PB, MIXED ACID DIGESTION	1, 7, 0, 0, 0, 0	4.95	1400.85
2. 283	AU, BIOGEOCHEMISTRY, REGULAR DETECTION LIMIT	13, 2, 20, 0, 0, 0	8.50	2405.50
3. 283	HUMUS, DRYING & BLENDING	99, 2, 0, 0, 0, 0	1.50	424.50
1	MISSING SAMPLES			
			SUB-TOTAL	\$ 4230.85

PAID
2243

MISC. CHARGES	SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES
	OTHER	SURCHARGE - RUSH SERVICE		

ORIGINAL INVOICE

TOTAL IN CANADIAN FUNDS \$ 4230.85

GRAETECH EXPLORATION SERVICES
102 Winchester Road East
Brooklin, Ontario
LOB 100
(416) 655-8552

INVOICE TO:

Invoice No. 0023

Curtis & Associates Inc.
Suite 1270 - 20 Toronto Street
Toronto, Ontario
M5C 2B8

Billed

September 15, 1988

For professional services rendered from September 1, 1988, to September 15, 1988 as follows :

PROFESSIONAL SERVICES :

* Alice 'A' Project :	1.5 hours @ 18.75 per hour	28.13
-----------------------	----------------------------	-------

	TOTAL	\$ 28.13
--	-------	----------

Please make cheque of \$ 28.13 payable to Graetech Exploration Services.

Thank you.

PAID

Lynn E. Collins C.E.T.

NOTICE: 1.5 % interest per month will be levied on all unpaid balances thirty (30) days after invoice date.

GRAETECH EXPLORATION SERVICES
102 Winchester Road East
Brooklin, Ontario
LOB 1C0
(416) 655-8552

INVOICE TO:

Curtis & Associates Inc.
Suite 1270 - 20 Toronto Street
Toronto, Ontario
M5C 2B8

Filed

Invoice No. 0035

October 15, 1988

For professional services rendered from October 1, 1988, to October 15, 1988 as follows :

PROFESSIONAL SERVICES :

* Alice 'A' Project :	12 hours @ 18.75 per hour	225.00 *****
	TOTAL	\$ 225.00 -----

Please make cheque of \$ 225.00 payable to Graetech Exploration Services.

Thank you.

PAID

Lynn E. Collins C.E.T.

NOTICE: 1.5 % interest per month will be levied on all unpaid balances thirty (30) days after invoice date.

JEFF MEEK & ASSOCIATES LTD.
Drafting & Cartographic Services

2 Temperance Street, Suite 307A, Toronto, Ontario M5H 1Y5

INVOICE

September 30, 1988

No. 253-88

To : Venturex International Mining Corp.,
Suite 1270, 20 Toronto Street,
Toronto, Ontario
M5C 2B8

For : Cartographic Services Rendered,
Fire River Property

FRiver

Labour Charges (Sales Tax Not Applicable) :

3 hours @ \$22./hr \$ 66.00

Expenses (Photo Reproduction etc.) :
(Incl Fed. & Prov. Taxes)

Film, type, stick-ons \$ 8.47

AMOUNT DUE \$ 74.47

Thankyou,

Jeff Meek

PAID
2244

- geological & geophysical drawings
- colour slides & posters
- charts & graphs
- contouring & plotting
- thematic maps
- presentation figures
- overhead transparencies
- design & layout

(416) 362-3343



Ministry of
Natural
Resources

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

D
V



52C16SW8246 2.12455 BENNETT LAKE

900

840/136 2-12455 N.

Type of Survey(s) GEOCHEMICAL HUMUS SURVEY	Township or Area BENNETT LAKE G.2667
Claim Holder(s) FIRE RIVER GOLD CORPORATION	Prospector's Licence No. T/5181
Address 500-67 RICHMOND ST. WEST, TORONTO M5H 1Z5	
Survey Company CURTIS AND ASSOCIATES	Date of Survey (from & to) 22 08 88 26 08 88
Name and Address of Author (of Geo Technical report) RONALD HAMPTON c/o 1270-20 TORONTO ST. TORONTO M5C 2B8	Total Miles of line Cut EXISTING

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man. Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	4
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	975439*	20			
	975455	16			
	975456	16			
	975457	16			
	975458	16			
	975459*	20			
	975460*	21			
	975461	16			
	975462	16			
	975463*	20			
	975464*	20			
	975465	16			
	975466	16			
	975467	16			
	975468	16			
	975469*	21			
	580423	—			
	580422	—			

RECEIVED
MAY 23 1989
MINING LANDS SECTION

KENORA
MAY 12 1989
8:30
789 12455

Expenditures (excludes power stripping)

Type of Work Performed Humus Sample Analysis		
Performed on Claims: K-975455-58, K-975461-62		
K-975465-68 K 580422-23		
Calculation of Expenditure Days Credits		
Total Expenditures \$ 4230.85	Total Days Credits 15	Total Days Credits 282
Instructions Total Days Credits may be applied to any of the claim holders choice. Enter number of days credits to be applied to each claim in column at right.		

* SURVEY DID NOT COVER THESE CLAIMS.

Date MAY 3 1989	Signature Ronald Hampton
---------------------------	------------------------------------

For Office Use Only	
Date Approved MAY 12/89	Signature Stacy Rivett
Date 10 July 89	Signature W. P. ...

Certification Verifying Report of Work
I hereby certify that I have personal and intimate knowledge of the facts set forth in the Report of Work and that the same were performed by the work or witnesses same date and place as shown and the annexed report is true

Name and Postal Address of Person Verifying RONALD HAMPTON c/o CURTIS AND ASSOC. 1270-20 TORONTO ST. TORONTO M5C 2B8	Date Certified MAY 3 1989	Signature Ronald Hampton
--	-------------------------------------	------------------------------------

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey						
<i>Geochemical Humus Survey</i>						
Technical Days		Technical Days Credits		Line-cutting Days		Total Credits
7	X	7	=	49	+	0
				=		49
					+	2
						=
						4

Type of Survey						
Technical Days		Technical Days Credits		Line-cutting Days		Total Credits
[]	X	7	=	[]	+	[]
				=		[]
					+	[]
						=
						[]

Type of Survey						
Technical Days		Technical Days Credits		Line-cutting Days		Total Credits
[]	X	7	=	[]	+	[]
				=		[]
					+	[]
						=
						[]

Type of Survey						
Technical Days		Technical Days Credits		Line-cutting Days		Total Credits
[]	X	7	=	[]	+	[]
				=		[]
					+	[]
						=
						[]

Field Geologist Sampling - Consultant
 5 field days on property - Ron Hampton

Drafting

GRAetech Exploration Services

Invoice 0023 — 1.5 hours
 Invoice 0035 — 12.0 hours

Jeff Meek & Assoc.

Invoice 253-88 — 3.0 hours

—————
 16.5 hours or 2 days



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
3rd floor, 880 Bay Street
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

May 12, 1989

File: 2.12455

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
Kenora, Ontario
P8N 3X9

Dear Sir:

We received reports and maps on May 8, 1989 for a Geochemical Survey and Data for Expenditures on mining claims K 975439 et al in the Area of Bennett Lake.

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

Yours sincerely,

for W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division

AB:eb

cc: REGISTERED

Fire River Gold Corporation
500-67 Richmond St. W.
Toronto, Ontario
M5H 1Z5

✓ Ronald Hampton
c/o Curtis and Associates
1270-20 Toronto St.
Toronto, Ontario
M5C 2B8



Ministry of
Natural
Resources

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

- 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.

Mining Act

Type of Survey(s) GEOCHEMICAL HUMUS SURVEY		Township or Area BENNETT LAKE G.2667	
Claim Holder(s) FIRE RIVER GOLD CORPORATION		Prospector's Licence No. T. 5181	
Address 500-67 RICHMOND ST. WEST, TORONTO M5H 1Z5			
Survey Company CURTIS AND ASSOCIATES		Date of Survey (from & to) 22 08 88 26 08 88 Day Mo. Yr. Day Mo. Yr.	Total Miles of line Cut EXISTING
Name and Address of Author (of Geo-Technical report) RONALD HAMPTON c/o 1270-20 TORONTO ST. TORONTO M5C 2B8			

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	4
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K	975439*	20			
	975455	16			
	975456	16			
	975457	16			
	975458	16			
	975459*	20			
	975460*	21			
	975461	16			
	975462	16			
	975463*	20			
	975464*	20			
	975465	16			
	975466	16			
	975467	16			
	975468	16			
	975469*	21			
	580423	—			
	580422	—			

Expenditures (excludes power stripping)

Type of Work Performed Humus Sample Analysis	
Performed on Claim(s) K-975455-58, K-975461-62	
K-975465-68 K-580422-23	
Calculation of Expenditure Days Credits	
Total Expenditures \$ 4230.85	Total Days Credits 15
÷ = 282	
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.	

* SURVEY DID NOT COVER THESE CLAIMS. Total number of mining claims covered by this report of work. **18**

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

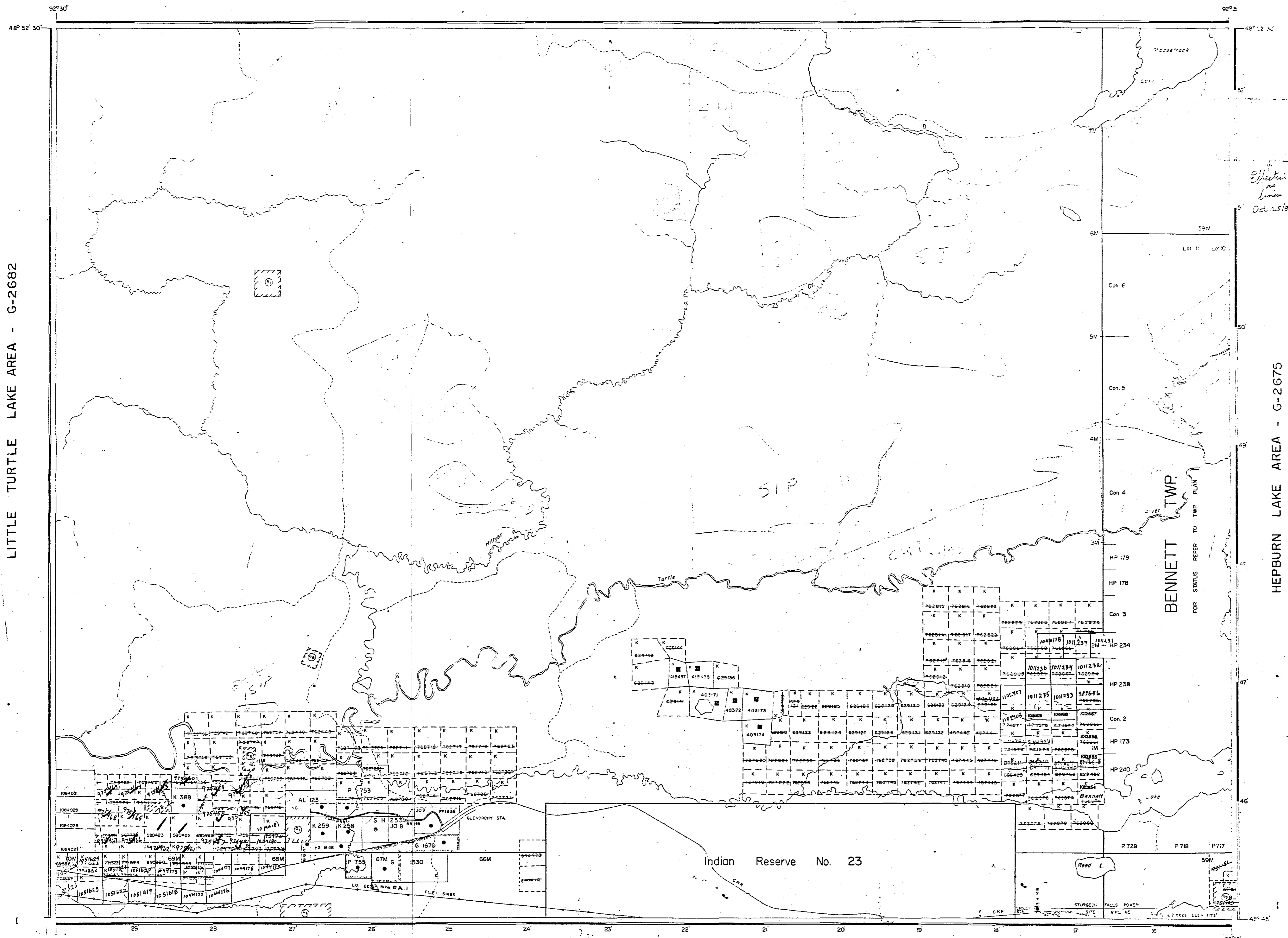
Date MAY 3 1989	Recorded Holder or Agent (Signature) <i>Ronald Hampton</i>
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Certification Verifying Report of Work

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 RONALD HAMPTON c/o CURTIS AND ASSOC. 1270-20 TORONTO ST. TORONTO M5C 2B8	
Date Certified MAY 3 1989	Certified by (Signature) <i>Ronald Hampton</i>

MANION LAKE AREA - G-2686



LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SECTION DIVISION OF COMPOSITE PLAN
- RESERVATIONS
- OF SIGNAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	C
SURFACE RIGHTS ONLY	C
MINING RIGHTS ONLY	C
LEASE, SURFACE & MINING RIGHTS	E
SURFACE RIGHTS ONLY	E
MINING RIGHTS ONLY	E
LICENCE OF OCCUPATION	L
ORDER-IN-COUNCIL	O
RESERVATION	R
CANCELLED	S
SAND & GRAVEL	G

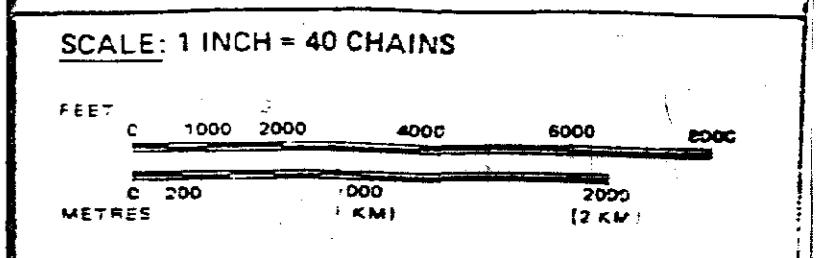
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO JANUARY 1, 1913, VESTED IN ORIGINAL PATENTEE BY THE PATENTED LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63 SUBSEC. 1.

REFERENCES

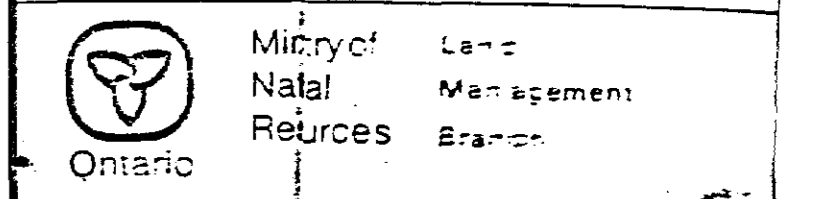
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition
SAND AND GRAVEL			
(G)	GRAVEL FILE 162718		
(G)	M.T.C. PIT 1059		
(G)	GRAVEL FILE 162719		
(G)	M.T.C. PIT 1058		
(G)	GRAVEL FILE 16799 vol.7		
(G)	M.N.R. Gravel Reserve No 228, File 162715		
(G)	M.T.C. PIT No 1B-14		



AREA
BENNETT LAKE
M.N.R. ADMINISTRATIVE DISTRICT
FORT FRANCES
MINING DIVISION
KENORA
LAND TITLES / BISTRY DIVISION
RAINY RIER

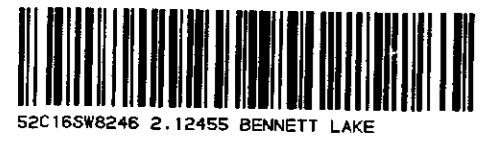


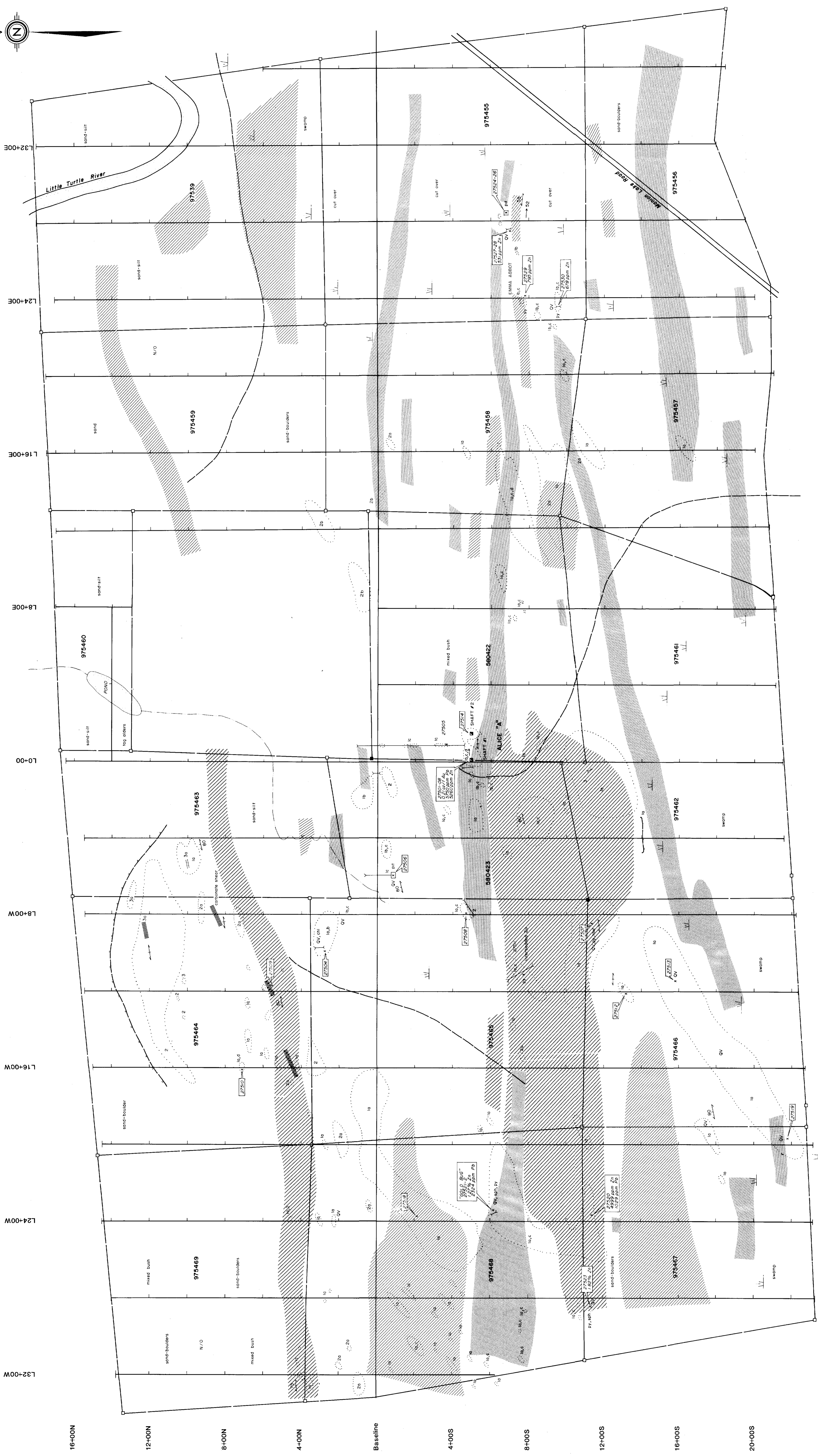
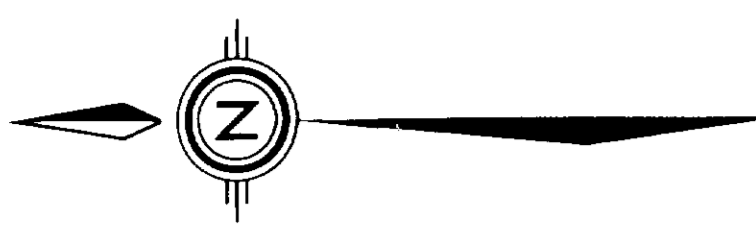
Date: FEBRUARY 1984
M-2394
G-2687

LITTLE TURTLE LAKE AREA - G-2682

HEPBURN LAKE AREA - G-2675

WILD POTATO LAKE AREA - G-2703





SYMBOLS

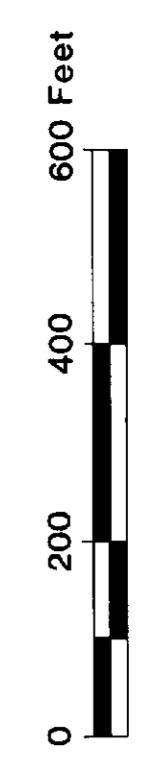
- Shaft
- Pit
- Trench
- Outcrop
- Sample location
- Claim post
- Claim line
- 975-457 Claim number
- Trial
- Swamp
- Intermittent stream

LEGEND

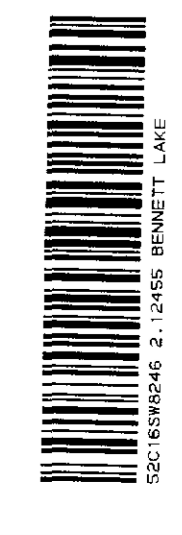
- 3 MAFIC INTRUSIVE
- 3a Medium grained quartz-eye magnetite
- 2 MAFIC METAVOLCANIC
- 2a Fine grained
- 2b Medium grained
- 1 FELSIC METAVOLCANIC
- 1a Quartz-eye Rhyolite
- 1b Sericite Schist
- 1c Carbonatized
- 1d Silicified

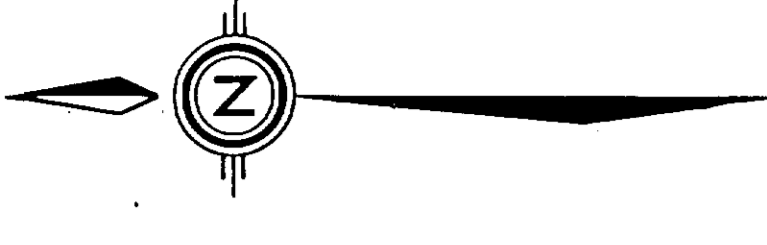
- QV Quartz veining
- py Pyrite
- sph Sphalerite
- ga Galena
- cpy Chalcopyrite
- mag Magnetite
- chl Chlorite

- Ridge
- Geological contact
- Strong shear
- Lineation with plunge
- Foliation with dip
- Area of low magnetic susceptibility
- Area of higher magnetic susceptibility



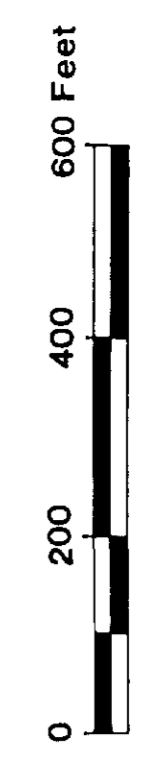
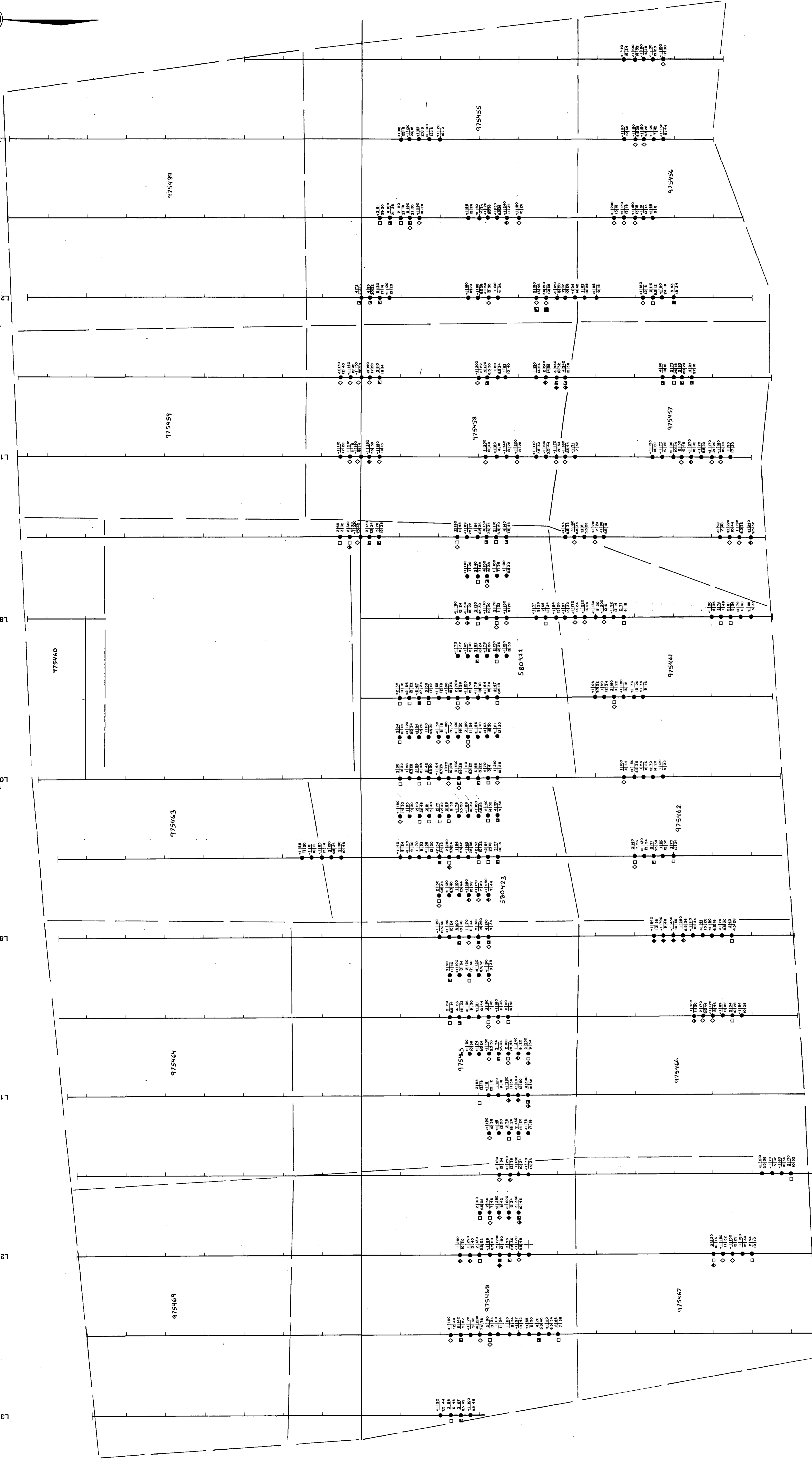
FIRE RIVER GOLD CORPORATION
 Alice 'A' Property
 GEOLOGICAL and GEOPHYSICAL
 COMPILATION MAP
 Bennett Lake, Ontario
 DWG.No. 210





L32+00E
L24+00E
L16+00E
L8+00E
L0+00
L8+00W
L16+00W
L24+00W
L32+00W

16+00N
12+00N
8+00N
4+00N
Baseline
4+00S
8+00S
12+00S
16+00S
20+00S



Legend

Geochemical Results Au(ppb), Zn(ppm), Cu(ppm), Pb(ppm)

Thresholds:	Au	Zn
> 70%	2	150
> 80%	3	225
> 85%	4	300
≥ 88%	5	≥ 400

● Humus sample site
◊ Humus sample with anomalous Au or Zn

FIRE RIVER GOLD CORPORATION
Alice "A" Property

HUMUS SURVEY

DATE: Feb. 89
DWG. NO. 3

