



31D13NW0001 OP93-547 BAXTER

010

BAXTER LAKE PROPERTY
REPORT ON
1993 TRENCHING AND DRILLING
PROGRAM

prepared by

James R. Atkinson

27

for

Mr. Fred Atkinson

January 22, 1994.

Location and Access (Fig.1)

The property is located in Southern Ontario approximately 150 kilometers north of Toronto and 5 kilometers east of the town of Honey Harbour. The claims lie north of Baxter Lake and can be seen on Ontario Ministry of Northern Development and Mines claim map M-1922/Township of Baxter. National Topographic System Map 31D/13 covers the area.

The claims lie within 200 meters of Provincial Highway 69 which runs between Toronto and Parry Sound. A trail has been cleared to allow access by all terrain vehicles (ATVs) from Hidden Glen Road approximately 600 meters to the north of the property to the area of drilling and trenching. The southeast corner of the property is adjacent to a gravel road used by cottages on Baxter Lake (Joe King Road).

Property (Fig.2)

The property comprises four (4) staked claims numbered 1138253, 1138254, 1156378, and 1138297, recorded in the name of Mr. Fred Atkinson of Humphrey, Ontario. The claims cover Lots 26 and 27 of Concession XII of Baxter Township.

The property has sufficient assessment work applied to keep it in good standing at least until 1995 and eligible work is available to extend this period.

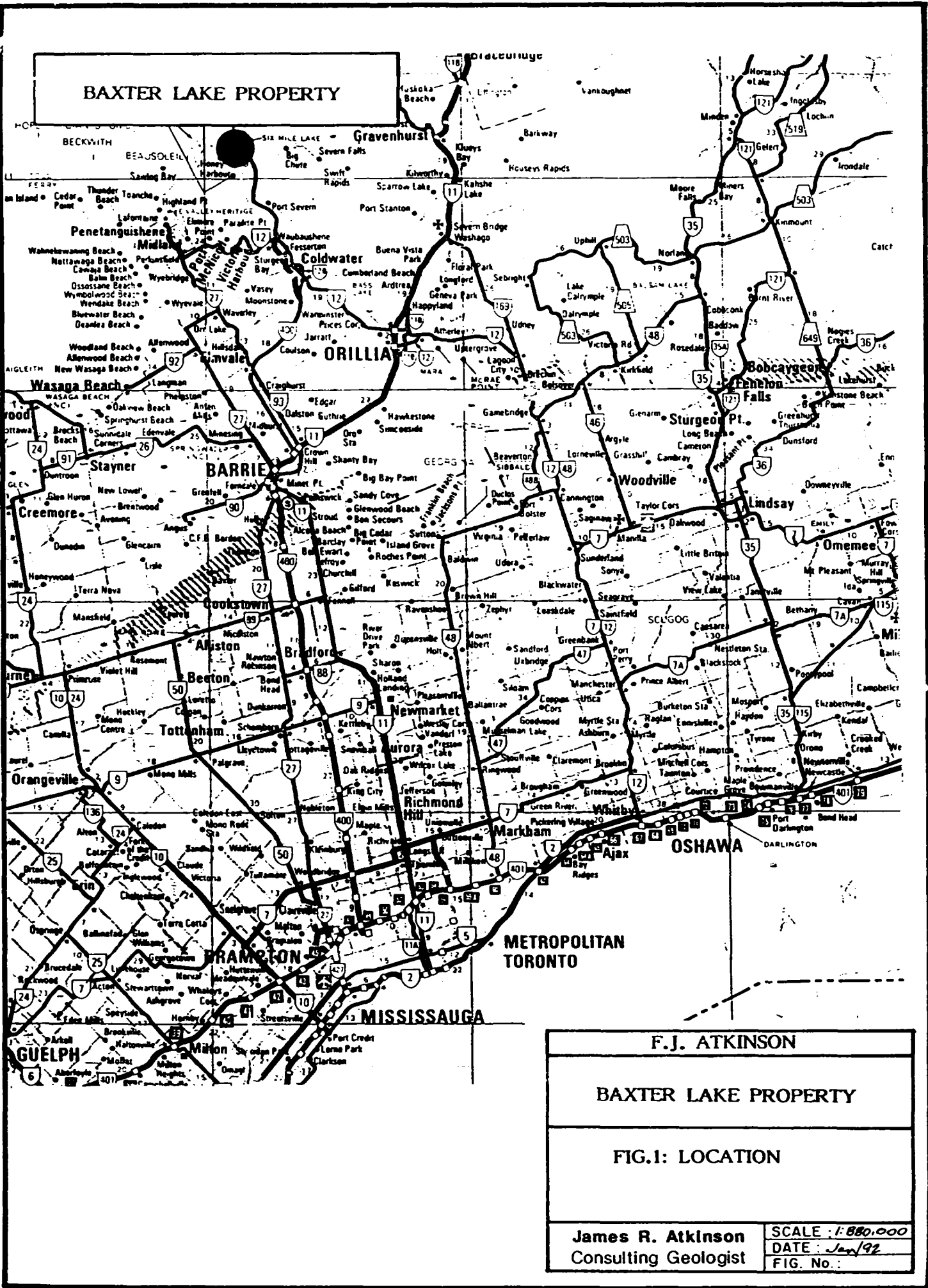
History and Previous Work

Details of the history of the property and included in a report entitled "Baxter Lake Property - Report of Work" prepared by James R. Atkinson (Atkinson Report) dated January 1992.

Briefly, the property came to note because the decay of marbles in the area formed sand deposits which were used as local building materials. After graphite was identified and the development of the Cal Graphite deposit near Huntsville, the focus of interest changed to the graphitic gneisses.

Work programs in 1988 and 1989 identified an area of interest on the property and the owner successfully obtained an OPAP grant to further explore this area. The results of that program are detailed in the above referenced report (the Atkinson Report) but in summary, a program of trenching, geological mapping, and sampling undertaken at that time outlined a zone of graphite bearing gneiss 550 meters long and 30 meters wide with graphite content from 21 channel samples of 2.3% graphitic carbon. Other work undertaken at that time included soil sampling to evaluate the base and precious metal potential. This defined a zone of anomalous values through the center of the property associated with the graphitic gneisses and locally with "calc-silicate".

This report details work conducted to follow some of the recom-



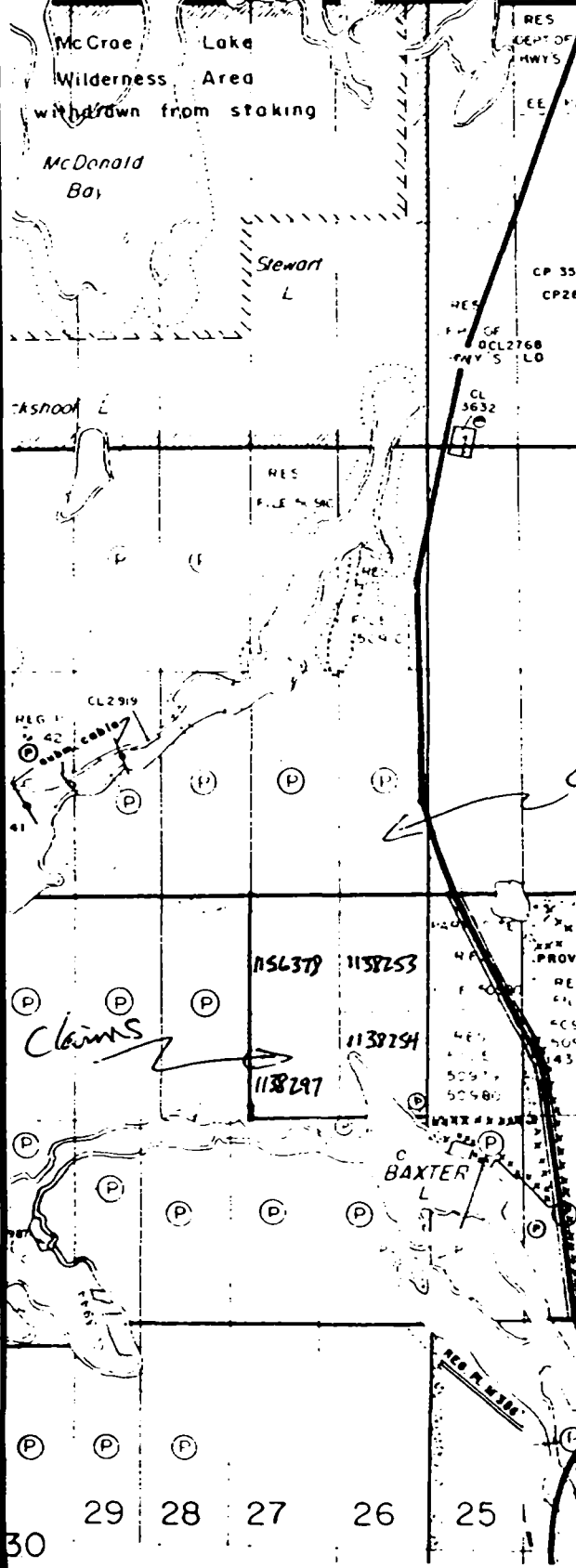
BAXTER LAKE PROPERTY

F.J. ATKINSON	
BAXTER LAKE PROPERTY	
FIG.1: LOCATION	
James R. Atkinson Consulting Geologist	SCALE: 1:880,000 DATE: Jan/92 FIG. No.:

1550
660

Gibson Twp.

30 29 28 27 26 25 24 23 21 18 17 16



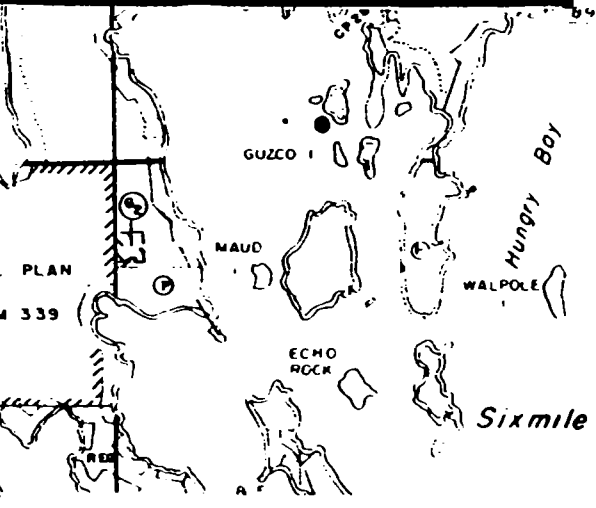
THE TOWNSHIP
OF

BAXTER

DISTRICT OF
MUSKOKA

SOUTHERN ONTARIO
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS



F.J. ATKINSON	
BAXTER LAKE PROPERTY	
FIG.2: PROPERTY	
James R. Atkinson Consulting Geologist	SCALE: DATE: Jan 192 FIG. No.:

30 29 28 27 26 25 23 22

mendations of the Atkinson Report and was conducted under OPAP 93-547 granted to Mr. Atkinson for 1993.

General Geology (Fig.3)

The property lies in the Go Home Subdomain of the Central Gneiss Belt of the Grenville Province of the Canadian Shield (Culshaw et al, 1991) and comprises high grade (Amphibolite to Granulite facies) gneisses. These are typically quartz-feldspar-hornblende ortho and paragneisses with rare marble, anorthosite and basite. The units in the area typically trend NNW and dip shallowly but variations are seen due to regional and local scale cross-folding (Atkinson, 1992).

The detailed geology of the property was determined during a mapping project in 1991 (Fig 4), and comprises quartz-biotite, quartz-feldspar, biotite and graphite gneiss; marble; granite and pegmatite dykes; and a highly sheared unit which may be a mylonite or calc-silicate (Atkinson, 1992).

The property seems to be underlain by three lithotectonic groups. The majority of the property, including the area to the east of the baseline and to the east of the small lake is dominated by quartz-biotite gneiss with a thick package of biotite gneiss graphitic gneiss and marble. The units in this package generally show a northwest trend with small interference folds developed in the central part of the property. The southern portion of the property is underlain by calc-silicate (mylonite?) and quartz-biotite gneiss, while the western part is dominated by quartz-feldspar gneiss with thick graphitic units. The relationships between these domains are not known but the truncation of units along boundaries appears to indicate at least some of the contacts between the zones are tectonic.

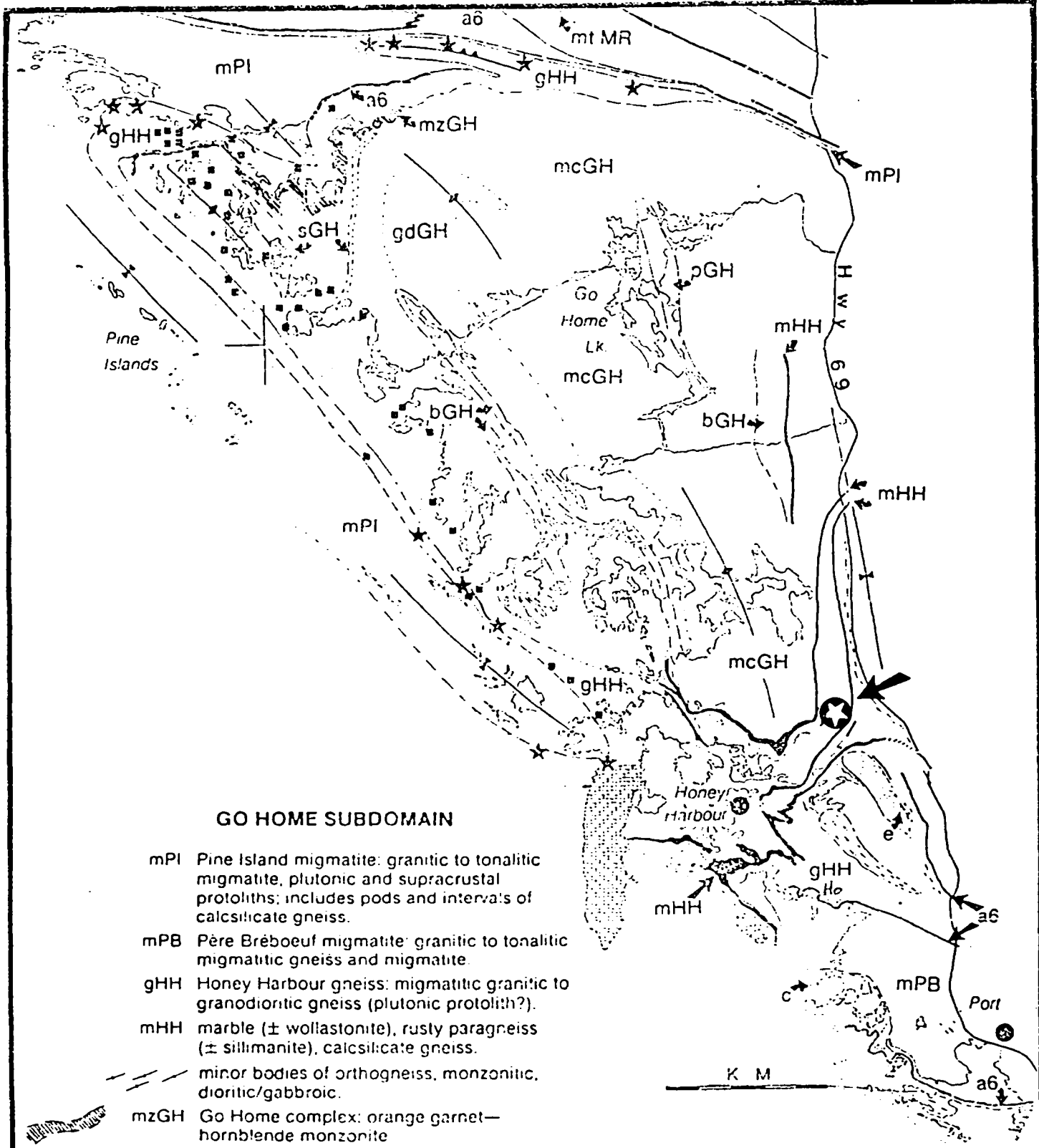
The graphite bearing rocks occur in a belt from the north central area of the claims (BL0 @ OS) to the southwest boundary (L6S @ 4+00W) and dip moderately to the east (45 to 50 degrees). Contents up to 5% have been obtained but overall the unit contains large areas averaging 2.5 to 3.5 %. Preliminary metallurgical testing has indicated that the graphite contains a large percentage of coarse to medium flake and that recoveries would be good. The host rock for the graphite is a granular gneiss which is easily broken.

Present Work Program (Fig. 5)

The present program consisted of completing trenches by hand excavation and washing and collection of channel and grab samples after drilling and blasting.

Two drill holes were completed in the area of trenching and drill core was split and sent for analyses.

All samples were analyzed by Lakefield Research for graphitic carbon, gold or a suite of 30 elements (Table 1).



GO HOME SUBDOMAIN

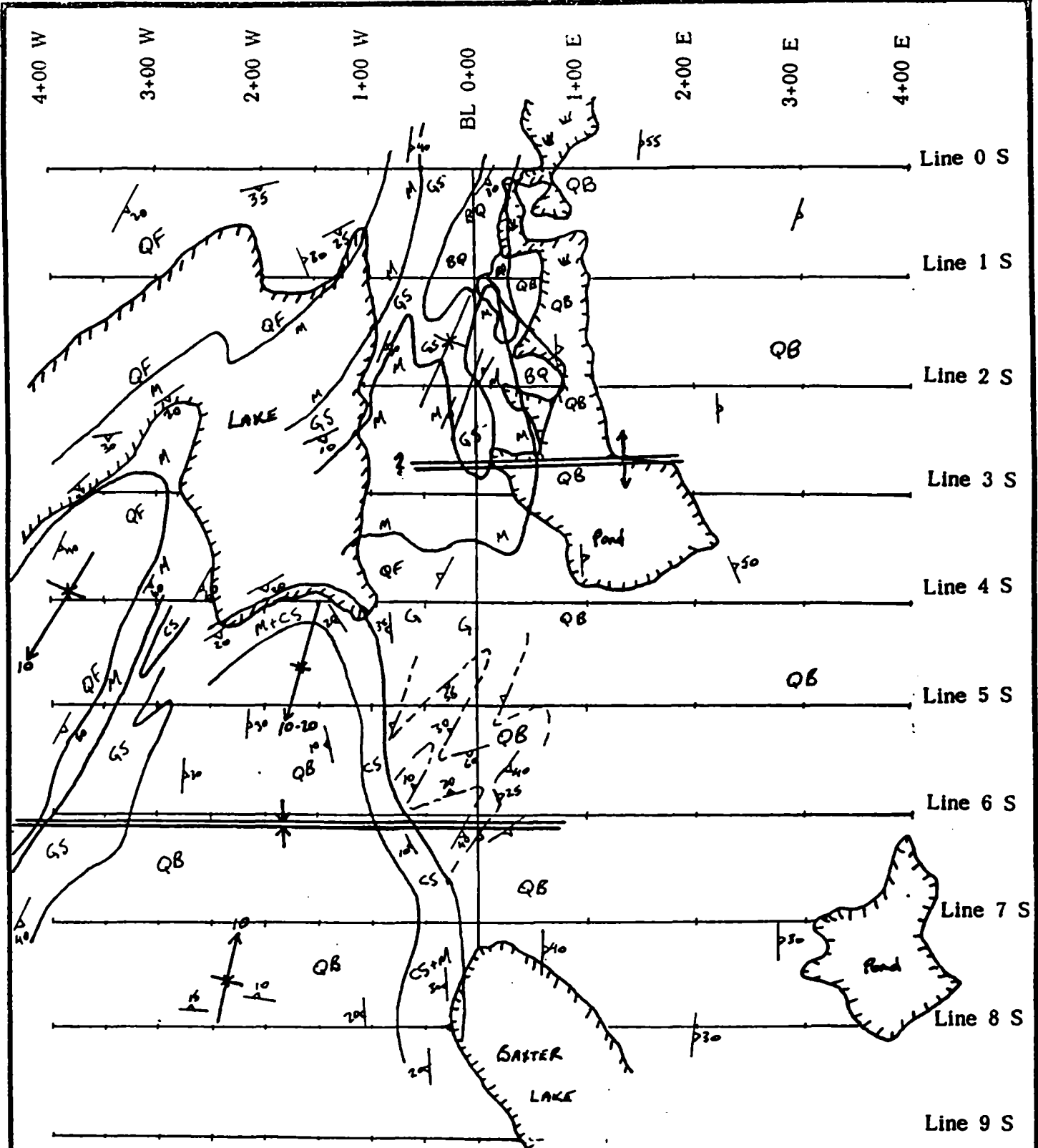
- mPI Pine Island migmatite: granitic to tonalitic migmatite, plutonic and supracrustal protoliths; includes pods and intervals of calcisilicate gneiss.
- mPB Pêre Bréboeuf migmatite: granitic to tonalitic migmatitic gneiss and migmatite.
- gHH Honey Harbour gneiss: migmatitic granitic to granodioritic gneiss (plutonic protolith?).
- mHH marble (± wollastonite), rusty paragneiss (± sillimanite), calcisilicate gneiss.
- minor bodies of orthogneiss, monzonitic, dioritic/gabbroic.
- mzGH Go Home complex: orange garnet—hornblende monzonite
- mcGH megacrystic granite to granodiorite.
- gdGH pale grey granodiorite.
- pGH pink alaskitic gneiss. sGH pelitic gneiss
- bGH diorite-gabbro.
- a6, anorthosite gneiss, blocks of anorthosite
- ★ gneiss, ± garnet amphibolite, locally grading to garnet - clinopyroxene metabasite.
- e hb-gnt-cpx-pl metagabbro, locally grading to gnt-cpx-pl ± corundum metabasite
- c coronitic metagabbro
- small bodies or clusters of metagabbro

F.J. ATKINSON

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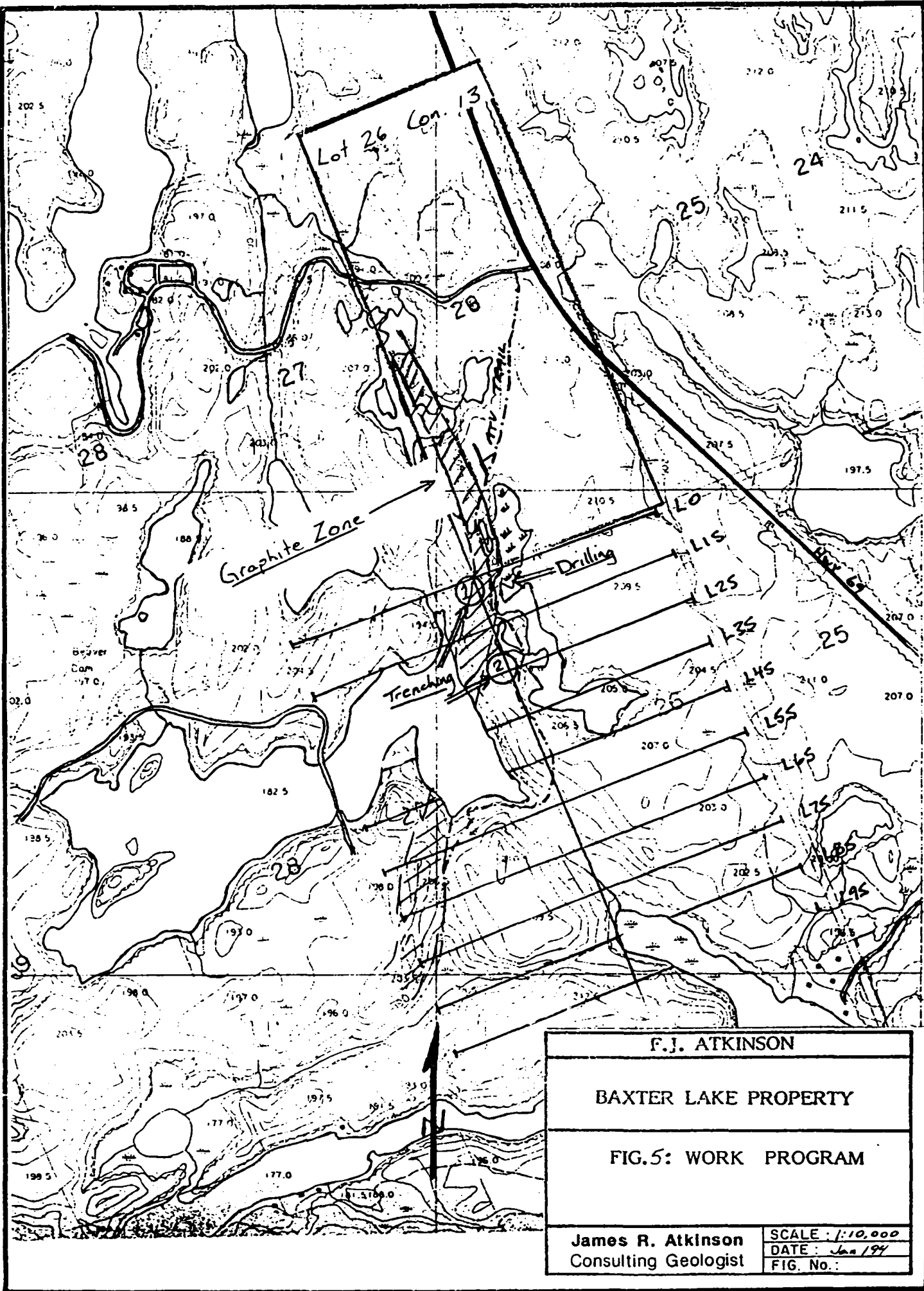
FIG. 3 REGIONAL GEOLOGY

James R. Atkinson Consulting Geologist	SCALE :
	DATE : Jan 94
	FIG. No. :



Legend	
QF - Quartz Feldspar Gneiss	M - Marble
QB - Quartz Biotite Gneiss	CS - Calc-silicate
GS - Graphite Schist	Peg - Pegmatite
G - Granite	An - Anorthosite
- Gneissosity	- Minor folds
- Claim Post (located)	- Claim Post
- outcrop outline	- shear zone

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FIG. 4: PROPERTY GEOLOGY GENERAL	
James R. Atkinson Consulting Geologist	SCALE: 1:5000 DATE: Jan 19 FIG. No.:



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BAXTER LAKE PROPERTY	
FIG. 5: WORK PROGRAM	
James R. Atkinson Consulting Geologist	SCALE: 1:10,000 DATE: Jan 1994 FIG. No.:

Discussion of Results

The present program was initiated to expand and compliment the previous work as recommended in Atkinson, 1992 and to attempt to expose areas of deeper overburden, hence hand trenches were excavated by shovel, pick and a gas powered pump was used to provide water for washing. After blasting and cleaning the author collected channel samples for analysis for graphite. As well, composite and grab samples were collected and investigated for gold and other elements including base metals such as zinc, lead, copper, and nickel; alteration elements such as arsenic, antimony, and sodium; ferrous elements such as iron, cobalt, manganese and molybdenum and others (30 element scan). In all, nine channel and seven grab/composite samples were submitted for assay.

Results obtained for channel samples collected during the present program are summarized in Table 2. These indicate values up to 5.1 % graphite were obtained. This latter value is interesting because it was obtained from a composite sample collected from Trench 5 at 1+25S on the base line. At this location, a pegmatite dyke cuts the graphitic gneisses and extremely coarse grained graphite (up 5 cm.) is seen. This material would be classified as "Jumbo Flake" and command a premium in a marketing situation.

Other results serve to detail the distribution of the graphitic units and to refine the distribution of higher grade zones in areas of known graphite mineralization.

Details of Trenching Program

Area 1 (Fig.6)

This area includes trenches 1A, 1B, from previous work and trenches 1AX, 4A, 4B, and 4C from the present program. The two drill holes completed in 1993 are also in this area.

Trench 1AX; Location: L0+25S, 0+45W.

This is an extension of trench 1 completed in 1991 and was completed to explore the contact between graphitic gneiss and marble. The trench uncovered marble throughout its total length but allowed the sampling of the contact zone. Two samples were collected from this unit which is a dark massive siliceous rock with 3-5% pyrrhotite and fine hornblende. The contact strikes 342 degrees and dips at 50 degrees to the east at this locality. The samples show enrichment in iron, magnesium and calcium as expected but do not contain anomalous base metals or gold.

Trench 4A; Location L: 0+32S, 0+55W (Fig. 7).

This trench is excavated in to northwest facing bank of a steep bank overlooking the trench described above and close to the projected lower contact of the graphitic units. The trench is

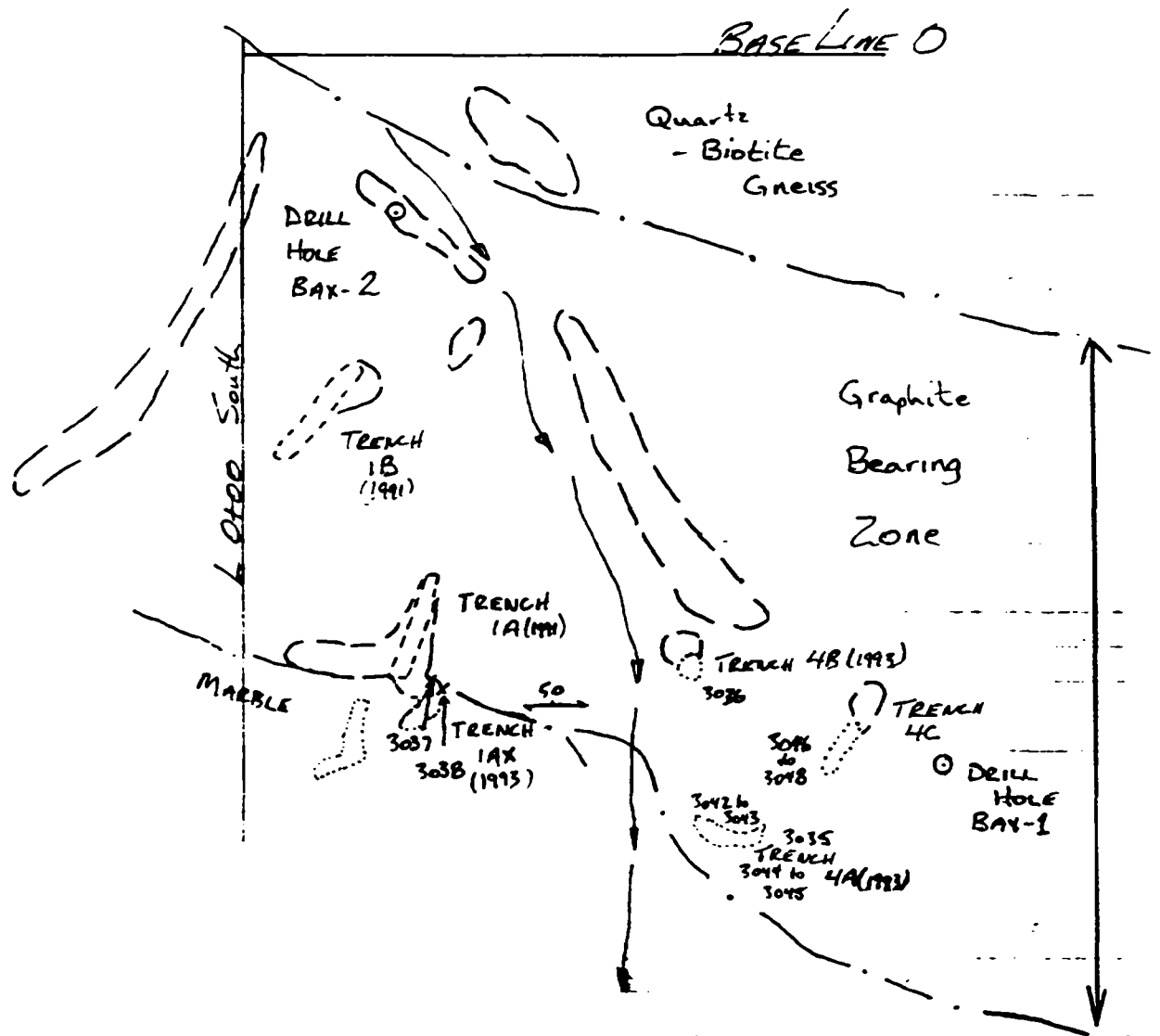


FIG 6: AREA 1

TRENCH LOCATIONS
and

DRILL LOCATIONS

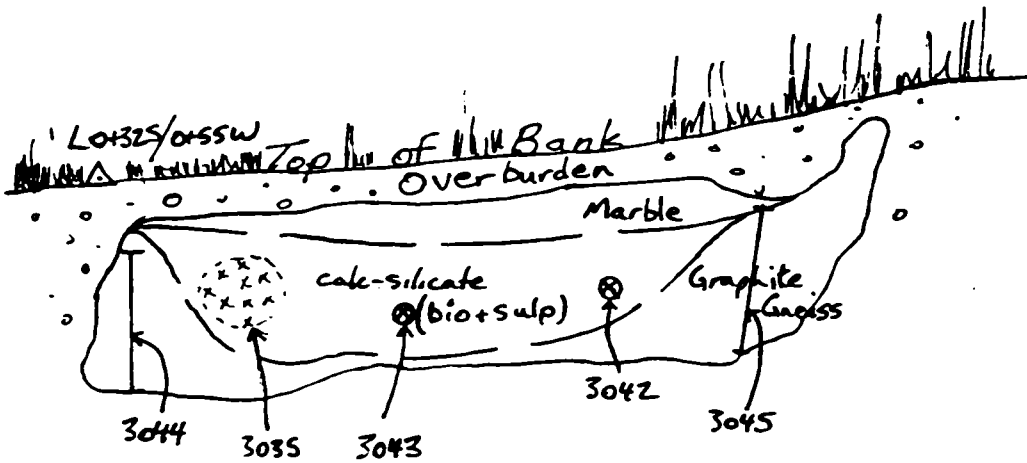


FIG. 7: TRENCH 4A: DETAIL
looking east

0 0.5 1.0
meters

Scale 1:50

Sample Results

<u>Sample</u>	<u>Graphite (%)</u>	<u>Gold (g/t)</u>	<u>Width</u>
3042	—	0.02	Composite
3043	—	0.02	Composite
3044	1.31		1.0m
3045	3.08		1.0m
3035	—	0.02	Composite pyrite bearing material from calc-silicate

quite complex in detail (Fig. 7) with interbedded marble and graphitic gneiss. A zone of calc-silicate is seen along the contact between the two units. Composite samples of these sulphide bearing rocks were submitted for analysis along for gold and base metals. Channel samples from the graphitic gneiss returned 1.31%C (3044) and 3.05%C (3045) over 1.0 meters respectively.

Trench 4B; Location: L 0+32S, 0+45W.

This trench was attempted close to the same bank as trench 4A, however, the broken and fractures nature of the units due to extensive surface weathering did not allow completion of the trench and the effort was terminated after several drill steels became stuck. Only one composite sample was obtained (3036) which contained 3.0% graphitic carbon.

Trench 4C; Location: L 0+43S, 0+50W (Fig. 8).

This trench is located in a rusty outcrop in an otherwise poorly exposed area. It is also close to drill hole Bax 93-1 and it was thought that this could provide information to assist in the evaluation of the drill core. The graphitic units exposed in this trench average just slightly less than 1% C over 3.5 meters (samples 3046 to 3048). The drill core from the adjacent drill hole appeared low in graphite upon visual examination and was not split for assay, especially in light of the channel samples from this trench.

Area 2 (Fig. 9)

Trench 2AX; Location: L2+43S, 0+08W.

This trench was excavated as recommended in the Atkinson Report to extend the area of graphite bearing gneiss identified in Trench 2, completed in 1991. The graphitic gneiss was found to extend at least 3.7 meters to the east from the north end of Trench 2A. Two composite samples from this extension were collected and due their higher sulphide content (3-5% pyrite) were analyzed for gold and other metals (30 element scan). Gold values were low (less than 1 gram/tonne) and no anomalous base metals were detected.

Trench 2E; Location: L2+38S, 0+07W.

This trench was also excavated to extend the graphite bearing zone described in the Atkinson Report. The work extended the graphite mineralization to the north about 2.5 meters. A chip sample was collected over a distance of 1.0 meters along the east wall of the resultant pit and a value of 2.44%C was obtained.

Trench 2D; Location: 2+52S, 0+10W.

This trench exposed the lower contact of the graphitic gneisses in this area and was located 5 meters south of Trench 2A. The contact is seen to strike east-west and dip to the north in this

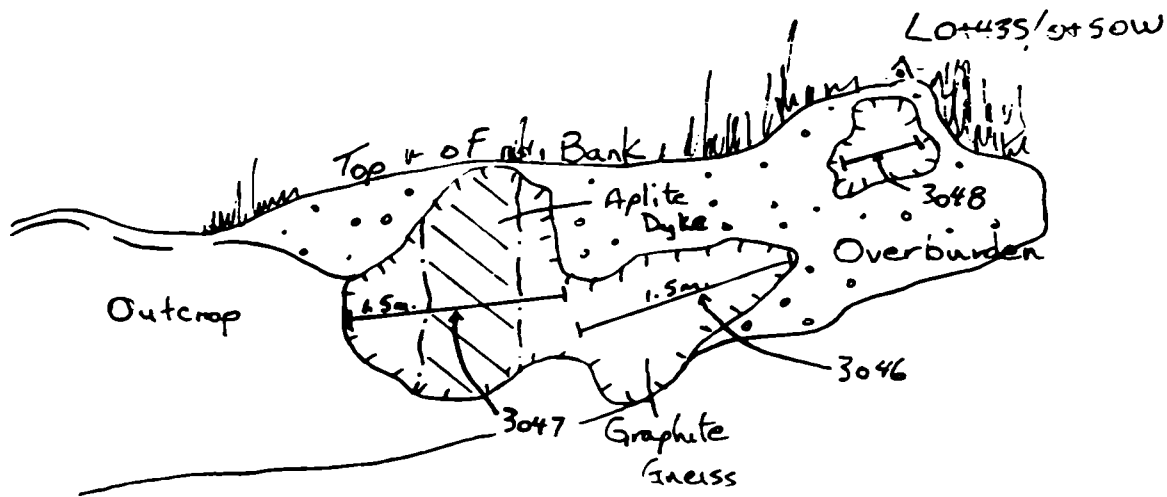


FIG. 8: TRENCH 4C DETAIL
looking South

0 0.5 1.0
 metres
 1:50

Sample Results

<u>Sample</u>	<u>Graphite %</u>
3046	0.97
3047	0.88
3048	1.65

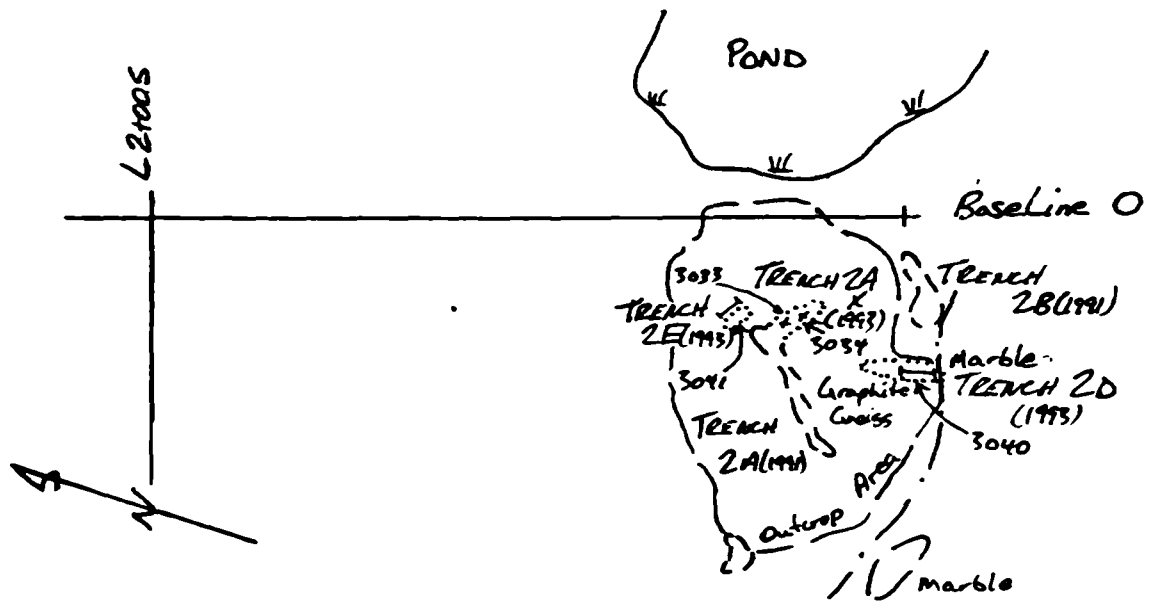


FIG. 9: AREA 2
TRENCH and Sample Locations

Sample Results

<u>Sample</u>	<u>Graphite (%)</u>	<u>Gold (g/t)</u>	<u>Width</u>
3033	—	0.04	Composite
3034	—	0.02	Composite
3040	2.04	—	2.8m
3041	2.44	—	1.0m

area. The graphitic gneiss overlaying this contact was sampled with a 2.8 meter channel sample and found to contain 2.04%C.

Diamond Drilling

Two vertical drill holes were completed in the current work program. A Winkie "Packsack" drill belonging to W.C. Ellerington, Main Street East, Dorset, Ontario was used to advance the holes. The drill produced core of approximately 22.5 mm diameter, commonly known as "E" size. In total 42.3 meters of core was obtained.

The drill holes are shown on Figure 6 and are located close to the main trenches in Area 1. The units encountered in the drilling include graphitic and quartzo-feldspathic gneisses, granitic and felsitic dykes and marble as summarized below:

Drill Hole Bax-1

Location: L 0+50S, 0+51W

<u>Depth</u>	<u>Description</u>
0.00 to 7.0m.-	grey, medium grained gneiss
7.0 to 12.8m.-	fine grained banded gneiss, low graphite
12.8 to 14.9m.-	medium grained pink granite
14.9m.-	hole abandoned

Drill Hole Bax-2

Location: L 0+11S, 0+12W

<u>Depth</u>	<u>Description</u>
0.0 to 1.2m.-	grey, medium grained gneiss
1.2 to 4.1m.-	grey gneiss with graphite
4.1 to 8.3m.-	grey graphitic gneiss
8.3 to 9.0m.-	greenish gneiss with minor muscovite.
9.0 to 18.5m.-	graphitic gneiss
18.5 to 26.3m.-	mixed grey graphitic gneiss and light grey quartz gneiss
26.3 to 26.8m.-	dark biotite/hornblende gneiss with pyrite
26.8 to 27.4m.-	marble

Drill core from Drill Hole Bax-2 was split and submitted to Lakefield research for analysis for graphite content. The section from 2.0 to 24.3 meters contained greater than 1.25% C, and the 9 meter section from 9.0 to 18.0 meters returned 3.28% C.

Detailed drill logs are included as Appendix A along with details of sampling of the drill core.

Conclusions

The 1993 program of trenching and diamond drilling confirmed and extended the known graphite bearing zone and gave the first indications of drilling widths and grade. Based on two vertical

drill holes, the graphite zone is 25 meters thick and averages greater than 1.25%C. Higher grade zones are indicated with 9 meters of 3.3%C identified in drill hole Bax-2.

Further trenching has also assisted in the delineation of the graphite bearing gneisses. The mineralization in Area 2 (Trench 2A from 1991) has been extended and further mineralization has been identified in Area 1.

The marble, which was given some importance in previous work has been further exposed in the area of trench 1 and is now available for examination by potential customers or persons interested in this resource.

Recommendations

Further work on the Baxter property should concentrate on the unexplored graphite bearing gneisses in the southern part of the property. These were not worked in 1993 and the success of drilling in the northern part of the property suggests this approach should be followed in this area as well. The drilling should attempt to "cross-section" the graphite by commencing at the eastern edge of the zone in this area (say, near L 6+00S/3+10W).

**TABLE 1:
ANAYLTICAL RESULTS FOR 1993 SAMPLES**

No.	Sample ID	C(g) t	Au g/t
1	3033	--	0.04
2	3034	--	0.02
3	3035	--	0.02
4	3036	3.00	--
5	3037	--	--
6	3038	--	--
7	3039	5.09	--
8	3040	2.04	--
9	3041	2.44	--
10	3042	--	0.02
11	3043	--	0.02
12	3044	1.31	--
13	3045	3.08	--
14	3046	0.97	--
15	3047	0.88	--
16	3048	1.65	--
-- duplicates --			
17	3041	2.40	--

Element	3042	3043	3037	3038
Al (g/t)	21700	6540	17400	14300
As (g/t)	< 150	< 50	< 150	< 100
Ba (g/t)	58	12	51	43
Be (g/t)	< 1	< 1	< 1	< 1
Ca (g/t)	59000	6600	22700	47200
Cd (g/t)	< 5	< 5	< 5	< 5
Co (g/t)	32	39	21	19
Cr (g/t)	280	370	420	340
Cu (g/t)	41	81	17	15
Fe (g/t)	60000	59000	58300	34500
La (g/t)	< 40	< 20	< 10	< 10
Mg (g/t)	12900	10200	3000	2410
Mn (g/t)	480	130	83	88
Mo (g/t)	< 100	< 50	< 80	< 50
Na (g/t)	3800	560	2280	1860
Ni (g/t)	35	60	21	24
P (g/t)	1090	1240	2000	1900
Pb (g/t)	< 50	< 50	< 50	< 50
Sb (g/t)	< 30	< 30	< 30	< 30
Se (g/t)	< 50	< 50	< 50	< 50
Sn (g/t)	< 20	< 20	< 20	< 20
Te (g/t)	< 10	< 30	< 10	< 30
Y (g/t)	30	25	7	9
Zn (g/t)	57	33	38	51

TABLE 2:
LIST OF SAMPLES
GRABS/CHANNELS

Number	Type	Description	Location	Result
3033	Grab	py rich portions of Graphite gneiss	Trench #2 ext.	
3034	Grab	py rich portions of Graphite gneiss	Trench #2 ext.	
3035	Grab	Graphite gneiss	Trench #4	
3036	Comp.	Graphite gneiss	Trench 4B	3.0%C
3037	0.5m	calc. sil. of contact	Trench 1A ext.	
3038	0.5m	calc. sil. of contact	Trench 1A ext.	
3039	Grab	Peg with graphite	Trench 5	5.09%C
3040	Chan. 2.8 m	graphitic gneiss	Trench 2D	2.04%C
3041	Chan 1.0m	graphitic gneiss	Trench 2E	2.44%C.
3042	Grab	Cal sil 5% po, 3% py	Trench 4A	
3043	Grab	Stringers in Graphitic Gneiss	Trench 4A	
3044	Chan. 1.0 m	Graphitic Gneiss	Trench 4A	1.31%C
3045	Chan. 1.0 m	Graphitic Gneiss	Trench 4A	3.08%C
3046	Chan. 1.5 m	Graphitic Gneiss	Trench 4C	0.97%C
3047	Chan. 1.5 m	Graphitic Gneiss	Trench 4C	0.88%C
3048	Chan. 0.5 m	Graphitic Gneiss	Trench 4C	1.65%C

DRILL CORE

3049	0.0-2.0m	Grey m. gr.gneiss lo graph	DH 2	0.62%C
3050	2.0-6.0m	Grey m. gr. gneiss lo graph	DH 2	1.28%C
3051	6.0-9.0m	Grey m. gr. gneiss lo graph	DH 2	1.23%C
3052	9.0-12.0m	Grey gneiss graph incr.	DH 2	2.13%C
3053	12.0-15.0m	Grey gneiss graph incr.	DH 2	3.70%C
3054	15.0-18.0m	Grey gneiss graph incr.	DH 2	4.03%C
3055	18.0-21.0m	Mixed graph and grey qtz gneiss	DH 2	1.77%C
3056	21.0-24.0m	Mixed graph and grey qtz gneiss	DH2	1.35%C
3057	24.0-26.32	Mixed graph and grey qtz gneiss	DH2	1.26%C

Certificate

I, James R. Atkinson of 3271 Dundas Street West, Oakville, Ontario, do hereby certify:

THAT, I graduated with an Honours Bachelor of Science degree from Brock University, St. Catharines, Ontario in 1972;

THAT, I completed a Masters of Science degree in Geology at the University in 1992,

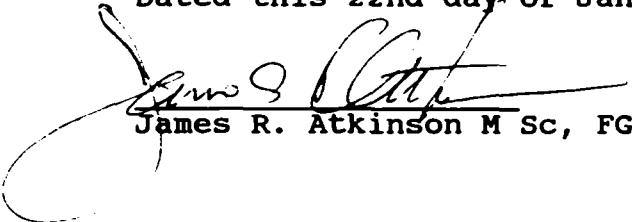
THAT, I have practiced my profession since 1974 with various mining companies and since 1984 as an independent consulting geologist;

THAT, I am a Fellow of the Geological Association of Canada;

THAT, I supervised and completed the referenced work and wrote the enclosed report;

THAT, I have no interest in the Baxter Lake Property.

Dated this 22nd day of January, 1994.



James R. Atkinson M Sc, FGAC

**APPENDIX A:
ANALYTICAL RESULTS**

LAKEFIELD RESEARCH

A Division of Falconbridge Limited

P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0

Phone : 705-652-2000 - FAX : 705-652-6365

Groundwater Technology
Site 4, Comp. 40, R.R. #2
Parry Sound, Ontario, P2A 2W8

Attn : Fred Atkinson

Fax :

Lakefield, December 24, 1993

Date Rec. : December 14, 1993

LR. Ref. : DEC9051.C93

Reference : ---

Project : LR9344433

CERTIFICATE OF ANALYSIS

Element	3042	3043
Al [g/t]	21700	6540
As [g/t]	< 150	< 50
Ba [g/t]	58	12
Be [g/t]	< 1	< 1
Ca [g/t]	59000	6600
Cd [g/t]	< 5	< 5
Co [g/t]	32	39
Cr [g/t]	280	370
Cu [g/t]	41	81
Fe [g/t]	60000	59000
La [g/t]	< 40	< 20
Mg [g/t]	12900	10200
Mn [g/t]	480	130
Mo [g/t]	< 100	< 50
Na [g/t]	3800	560
Ni [g/t]	35	60
P [g/t]	1090	1240
Pb [g/t]	< 50	< 50
Sb [g/t]	< 30	< 30
Se [g/t]	< 50	< 50
Sn [g/t]	< 20	< 20
Te [g/t]	< 10	< 30
Y [g/t]	30	25
Zn [g/t]	57	33



J. R. Johnston

copy : Jim Atkinson, Fax:(905) 670-2009

A MEMBER OF IAETL CANADA

Accredited by CAEAL for specific tests registered with the Association

LAKEFIELD RESEARCH

A Division of Falconbridge Limited

P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0

Phone : 705-652-2000 FAX : 705-652-6365

Groundwater Technology
Site 4, Comp. 40, R.R. #2
Parry Sound, Ontario, P2A 2W8

Attn : Fred Atkinson

Fax :

Lakefield, December 22, 1993

Date Rec. : December 14, 1993

LR. Ref. : DEC9051.C93

Reference : ---

Project : LR9344433

CERTIFICATE OF ANALYSIS

No.	Sample ID	C(g) %	Au g/t
1	3033	--	0.04
2	3034	--	0.02
3	3035	--	0.02
4	3036	3.00	--
5	3037	--	--
6	3038	--	--
7	3039	5.09	--
8	3040	2.04	--
9	3041	2.44	--
10	3042	--	0.02
11	3043	--	0.02
12	3044	1.31	--
13	3045	3.08	--
14	3046	0.97	--
15	3047	0.88	--
16	3048	1.65	--
--	duplicates --		
17	3041	2.40	--



J. R. Johnston

copy : Jim Atkinson, Fax:(905)670-1700

A MEMBER OF IAETL CANADA

Accredited by CAEAL for specific tests registered with the Association

LAKEFIELD RESEARCH

A Division of Falconbridge Limited

P.O. Box 4200, 185 Concession St., Lakefield, Ontario, K0L 2H0

Phone : 705-652-2000

FAX : 705-652-6365

Groundwater Technology
 Site 4, Comp. 40, R.R. #2
 Parry Sound, Ontario, P2A 2W8

Attn : Fred Atkinson

Fax :

Lakefield, December 24, 1993

Date Rec. : December 14, 1993

LR. Ref. : DEC9051.C93

Reference : ---

Project : LR9344433

CERTIFICATE OF ANALYSIS

Element	3037	3038
Al [g/t]	17400	14300
As [g/t]	< 150	< 100
Ba [g/t]	51	43
Be [g/t]	< 1	< 1
Ca [g/t]	22700	47200
Cd [g/t]	< 5	< 5
Co [g/t]	21	19
Cr [g/t]	420	340
Cu [g/t]	17	15
Fe [g/t]	58300	34500
La [g/t]	< 10	< 10
Mg [g/t]	3000	2410
Mn [g/t]	33	82
Mo [g/t]	< 50	< 50
Na [g/t]	2280	1860
Ni [g/t]	21	24
P [g/t]	2000	1900
Pb [g/t]	< 50	< 50
Sb [g/t]	< 30	< 30
Se [g/t]	< 50	< 50
Sn [g/t]	< 20	< 20
Te [g/t]	< 10	< 30
Y [g/t]	7	9
Zn [g/t]	38	51



J. R. Johnston

copy : Jim Atkinson, Fax:(905) 670-2009

A MEMBER OF IAETL CANADA

Accredited by CAEAL for specific tests registered with the Association

**APPENDIX B
DRILL LOGS**

DIAMOND DRILL RECORD

NAME OF PROPERTY BAXTER LAKE
 HOLE NO. BAX-1 LENGTH 14.9 meters
 LOCATION Acso 1
 LATITUDE 01 50 South DEPARTURE 01 51 West DIP 90°
 ELEVATION _____ AZIMUTH _____
 STARTED Nov 22/93 FINISHED Nov 05/95

HOLE NO. BAX-1 SHEET NO. 1
 REMARKS Set up on Redrock

LOGGED BY J. R. Atkinson

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

FROM	TO	DESCRIPTION	SAMPLE		FOOTAGE		ANALYSES
			NO.	DEPTH	FROM	TO	
0	7.0	0.0 to 7.0 meters - Mixed grey medium grained gneiss, minor graphitic, trace pyrite - minor white/greenish marble lenses usually less than 1 meter thick					
7.0	12.85	Fine grained banded (80° core axis) gneiss very low graphitic					
12.85	14.9	Medium grained massive pink granite.					
14.9		hole terminated					
		No samples taken					

DIAMOND DRILL RECORD

NAME OF PROPERTY BAXTER LAKE
 HOLE NO. BAX-2 LENGTH 27.4 meters
 LOCATION AREA 7
 LATITUDE 0° 44' South DEPARTURE 0° 12' West DIP 90°
 ELEVATION _____
 DATED Nov. 08/95 FINISHED Nov. 15/95

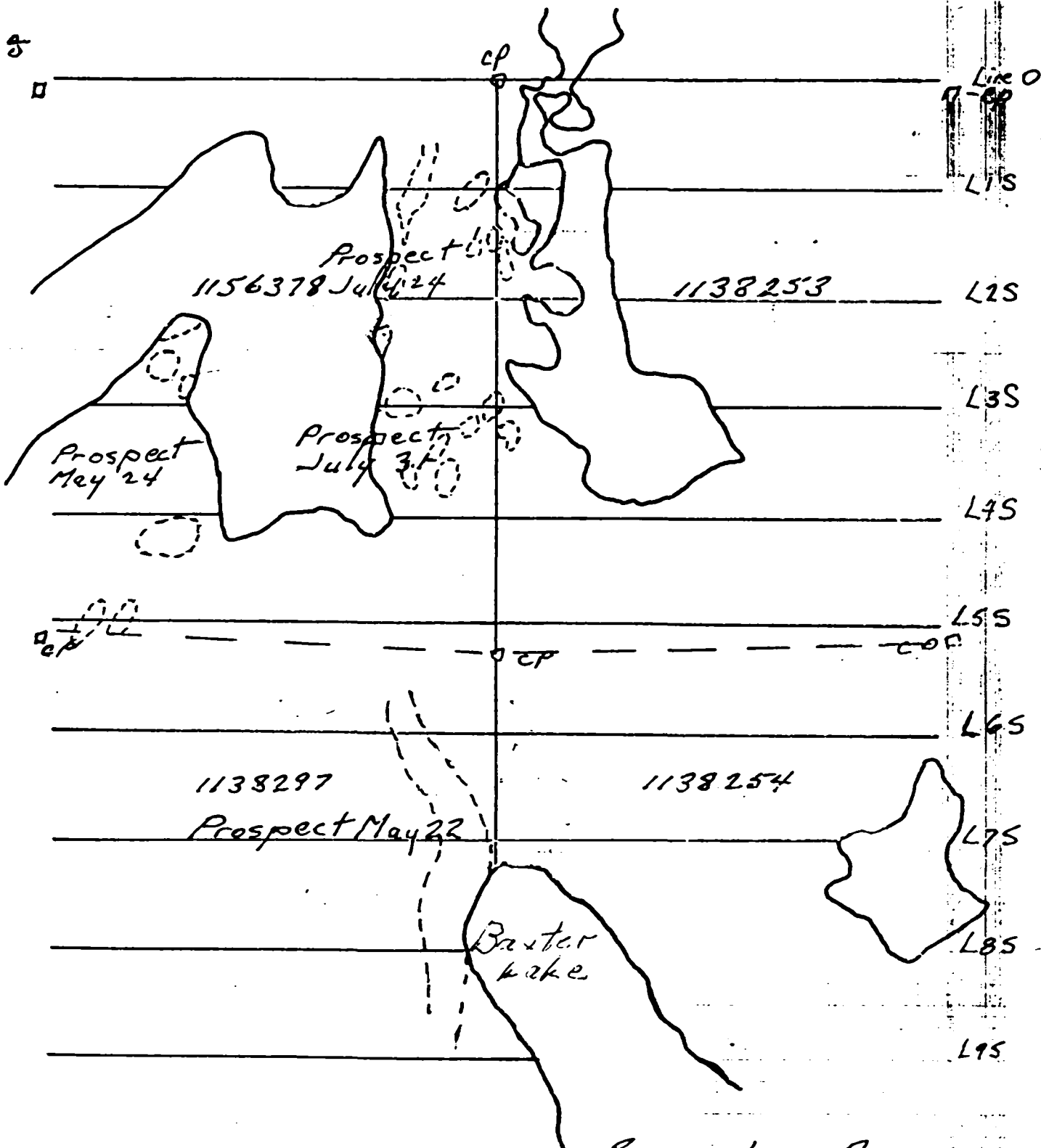
FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BAX-2 SHEET NO. 1
 REMARKS Set up on Balloch

LOGGED BY S. R. Atkinson

Meters FROM TO	DESCRIPTION	NO. SAMPLE NO'S	FOOTAGE		ANALYSES
			FROM	TO	
0 4.11	Grey medium grained gneiss, with 2 to 5% medium grained graphitic layers, vague to moderate banding @ 80° to 90° c.a. Greenish quartz (kelly) biotite - graphite	3049 3050 3051 3052 3053 3054 3055 3056 3057	0.0 2.0 6.0 9.0 12.0 15.0 18.0 21.0 24.0	2.0 4.0 3.0 3.0 3.0 3.0 3.0 3.0 2.32	%C 0.62 1.28 1.23 2.13 3.70 4.03 1.77 1.35 1.26
4.11 4.50	1.25 to 1.52 lost core Pink fine grained <u>epidote dyke</u> ? Contacts vague to gradational				
4.50 8.33	Grey <u>graphitic gneiss</u> - graphite content higher than above, banding at 70-80° c.a. Rare greenish grey pegmatite as dykes up to 5 cm. and as patches often with coarse pyrrhotite				
8.33 9.0	Light greenish <u>gneiss</u> with minor muscovite				
9.0 18.5	Grey <u>gneiss</u> - higher grade <u>graphite</u>				
18.5 26.32	Mixed grey <u>graphitic gneiss</u> and light green <u>quartz gneiss</u>				
26.32 26.78	Dark <u>biotite/hornblende gneiss</u> with disseminated				

1/1000



BAXTER LAKE PROSPECTS

PROSPECTS - 1925

F.S.A.