DENISON MINES LIMITED
EXPLORATION DIVISION

ASSESSMENT REPORT

Claims PA560175
PA486834
PA486835

Northeast Bay, Minnitaki Lake, Ontario

Patricia Mining District

NTS 52-J-4

Submitted by: Denison Mines Limited

L.D

May 26, 1981.

P.O. BOX 40 ROYAL BANK PLAZA TORONTO ONTARIO CANADA M5J 2K2 (416) 865-1991 TELEX 065-24135

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1. SUMMARY

A series of porphyritic agglomerates and mafic pillowed volcanics are cut by a number of faults and shears. A mineralized shear zone 4' wide can be traced 600'. Central Patricia Mines reports the zone contains 150' of 0.5 oz/ton Au. A number of other mineralized zones have been sampled. Both EM and MAG show a series of anomalies parallel to the mineralized shear. Further trenching, diamond drilling and geophysics is recommended.

2. CONCLUSIONS AND RECOMMENDATIONS

a) A mineralized zone 4 to 6 feet wide containing sphalerite, pyrite, arsenopyrite and reportedly gold can be traced 600'. The zone runs at 20°/75°W. It is associated with a weak EM conductor.

b) A second EM conductor occurs in a fault running at 35°. Rocks near the fault are altered and cut by weakly mineralized quartz veins. It is suggested that the conductor is due to the presence of sulfides.

c) It is recommended that the zone at BLO.O be trenched to better expose the mineralization. If assays are encouraging, the zone should be drilled.

The EM conductor in the fault zone should be better defined by use of another EM system to eliminate topographic effects and poor EM16 transmitter. A drill hole should be drilled to intersect this zone.

d) The felsite dyke on Island FP83 can be better traced by geophysics during the winter. The dyke with its associated mineralization may continue under water to the north. If assay results are encouraging, the dyke should be trenched.

3. INTRODUCTION

The Island FP78 property is located approximately 4 miles southeast of the Town of Sioux Lookout, Ontario, in Northeast Bay, Minnitaki Lake (Figure I). Access to the property is afforded by boat from the Frog Rapids Marina (Highway 72) Abram Lake, a distance of 3 1/2 miles.

4. PROPERTY DESCRIPTION

The property consists of 2 heavily wooded islands, FP77 and FP78. These 2 islands were covered by 3 mining claims numbered

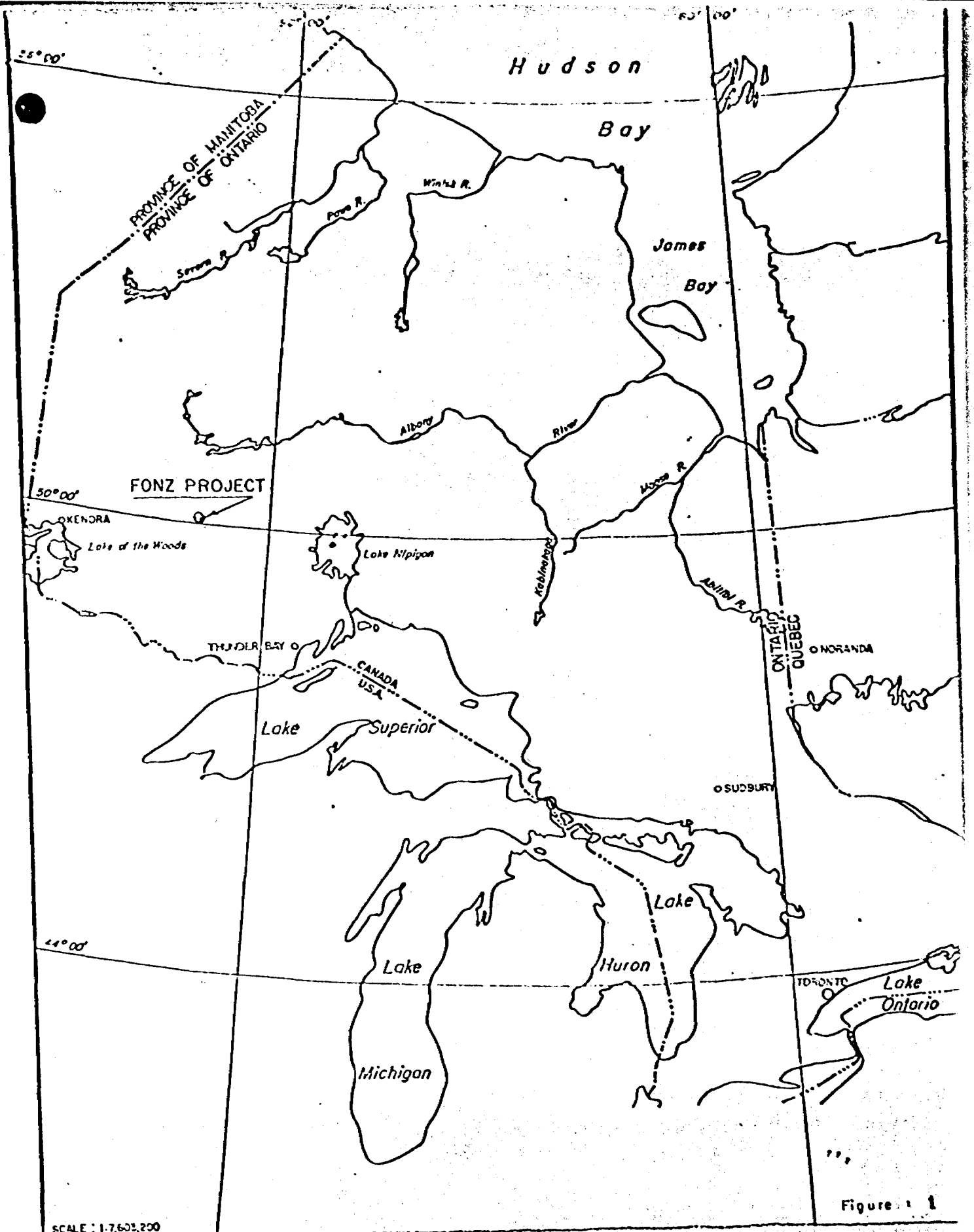

Figure : 1

SCALE : 1:7,603,200

DENISON MINES LIMITED

PROVINCE OF ONTARIO

LOCATION MAP

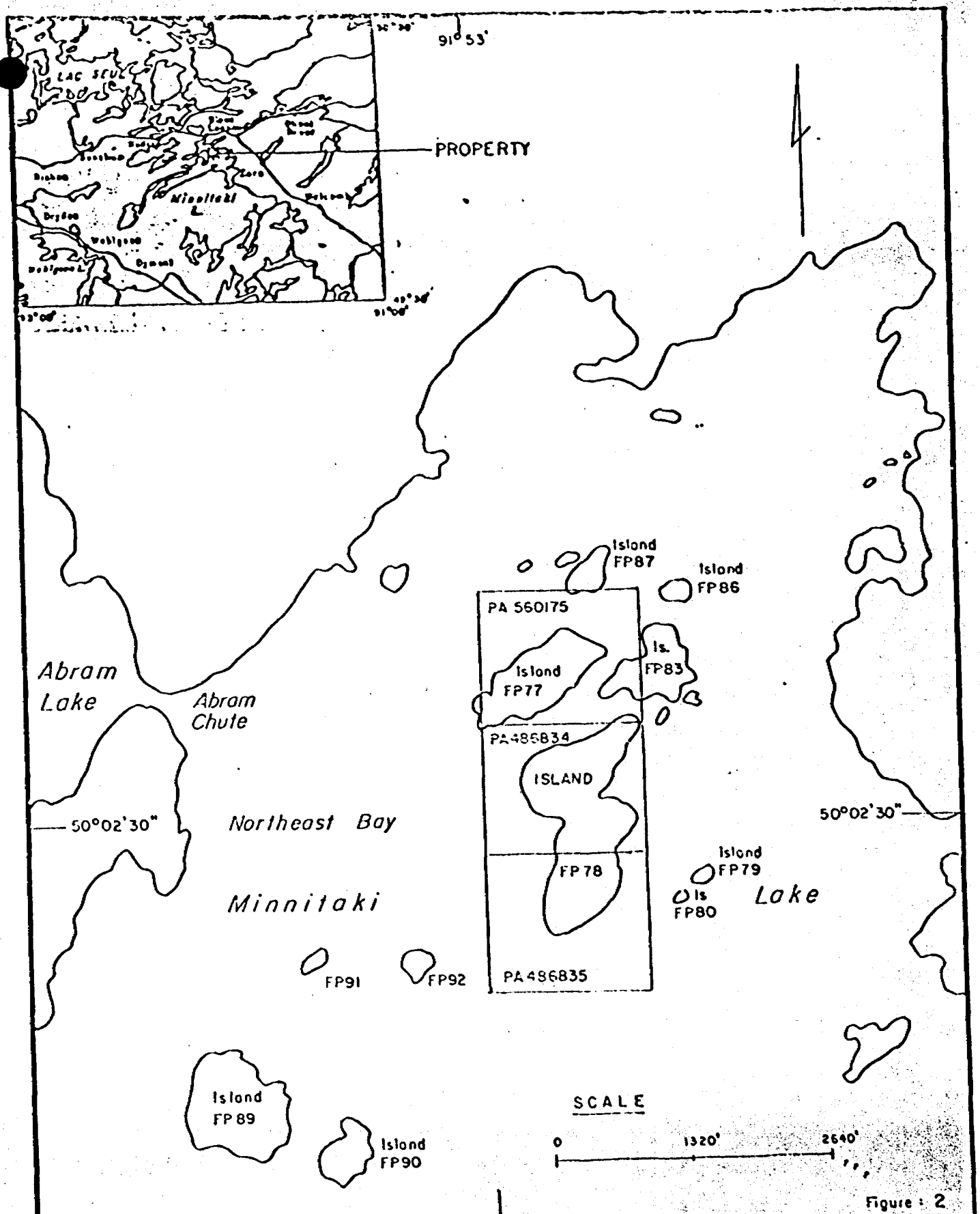

Figure : 2

DENISON MINES LIMITED

FONZ PROJECT

PROPERTY MAP

DRAYTON TOWNSHIP, PATRICIA MINING DIVISION, ONT.

N.T.S 52J/4

PA 560175, PA 486834, and PA 486835 These claims have a total area of 120 acres, approximately half of which (60 acres) is land (Figure 2).

5. PREVIOUS WORK

The only data published (OGS, PR 1951-1) states that in 1947 Central Patricia Gold Mines drilled 14 holes on the island (FP78) and in 1950 drilled 4 additional holes. No data on these holes was found in the assessment files and apparently no further work since 1950 has been done on the property. E.O. Chisholm (1951) states a 3 - 5' wide quartz stringer zone was traced for 560' striking 20°E and dips 75°W. A zone 130' long and 3 - 4' wide was outlined grading 0.5 oz/ton Au. The vein reportedly contains pyrite, pyrrhotite and chalcopyrite.

6. LINECUTTING AND STRIPPING

Baselines were cut across Islands FP77 and FP78 in a 010°-020° orientation. For the purposes of this survey, the FP77 grid will be referred to as the north grid and the FP78 grid will be referred to as the south grid. A total of 8800' of line was cut on the property with a total of 126 sampling stations. A breakdown of the linecutting is shown in Table 1.

A sulphide rich shear zone was noted exposed on the north end of FP78. Some minor stripping was done by hand to better explore the zone.

7. GEOPHYSICS

Ground Magnetics

A ground magnetic survey was run over the property using a "Unimag" proton-processing magnetometer. A total of 126 stations were measured. A figure 8 system of base stations was used. There were no significant anomalies noted during the duration of the survey. The results of the survey are found in Figure 3.

The survey delineated 2 distinct domains on the property. The first domain has an average reading of approximately 60230 gammas and lies in roughly the southern half of FP78. The northern half of FP78 and FP77 fall in the second domain with an average reading of approximately 60100 gammas. The contours tend to trend roughly north-northeast. The contour and domain appear to break and bend sharply near the eastern side of L8S; this break in contour, coupled with EM16 observation and geology, led to the interpretation of the presence of an east-northeast trending fault structure in the vicinity.

A north-northeast trending pyrite shear zone was located on the north shore of FP78. This zone appears to be associated with a magnetic low (χ 60000 gammas) in the northern half of FP78.

Ground VLF Electromagnetics

A ground VLF electromagnetic survey was run over the property using an EM16 unit, with Cutler, Maine as the transmitter. A total of 126 stations were measured. The dip angle measurements were mathematically reduced to a contourable form using the standard Fraser filter technique. The contoured data is found in Figure 4.

One relatively strong conductor was noted on the eastern end of L8S. This conductor is strong enough to respond to a vertical loop EM and lies within the interpreted fault zone. This survey seems to confirm the presence of the fault zone interpreted from the magnetic survey.

A second, very weak, northerly trending conductor, lies just to the west of the baseline on the southern half of FP78. This mineralized shear is noted on outcrop on the northern end of the island and contains substantial quantities of sulphides. The EM survey again confirms the presence of the zone noted by the magnetic low.

Note The high angle between the conductor and the Cutler, Maine station may lead to misleading results.

Soil Geochemistry

A humic gold soil geochemistry survey was run over the property. A total of 126 samples were taken (FP series).

In this survey, the A_0 or A_1 soil horizon was sampled. The B horizon was so infrequently present, it was felt the data obtained from a B horizon survey would be too sparse to be valuable. The A horizon samples were almost all dry, black or black-brown in colour and contained a very high percentage of organic material.

The sample location sites and assay results are shown in Figure 5.

Background was from 1 to 10 ppb Au. One anomalous value (58 ppb) was obtained at L4S, 3 + 00W. No explanation for this anomaly is known.

8. GEOLOGY

Regional

The rocks of the area lie within the Superior Structural Province of the Precambrian Shield of Canada and are all of Archean age. The area is characterized by an east-west trending belt of volcanics and sedimentary rocks which have been isoclinally folded and subsequently intruded by felsic and mafic intrusives.

Local

The predominant rock type on the property is a porphyritic mafic to intermediate volcanic. It is massive containing 30 to 40% feldspar phenocrysts up to 5mm in size, commonly, randomly oriented in a fine grained mafic matrix. At one location, the feldspar lathes were strongly oriented (reef south-west of Island FP78). The orientation is at right angles to the direction of pillowed volcanics on Island FP77 (Figure 6).

The massive porphyritic volcanics grade into an agglomerate of similar composition. The agglomerate is made up of angular blocks up to 50cm across. The composition of the blocks and matrix are essentially the same with only variations in the size of feldspar phenocrysts. Usually the phenocrysts are smaller in the matrix.

On Island FP77 a mafic pillowed volcanic trends at 140° and faces south. The volcanics are vesicular with the vesicules concentrated in the pillow rims.

A felsic dyke 6' wide cuts agglomerate on FP83. It is fine grained, white in colour, where sheared a sericite schist is developed. Commonly it is cut by numerous quartz veins carrying abundant pyrite.

Structural Geology

The property is cut by a number of faults. One set runs at 60°. On Island FP83 a fault runs along the south side of the island and runs between FP77 and FP78. A second fault cuts the centre of Island FP78. This fault shows as a 30' scarp with slickenside surfaces. This fault offsets MAG contours. A strong EM conductor occurs on line L8S associated with it.

9. MINERALIZATION

a) A 4 - 6' wide shear zone running at 20° and dipping 75°W occurs at BL0.00 on Island FP78. The shear is epidotized.

and silicified. The original rock appears to have been porphyritic mafic volcanics. A number of quartz stringers (less than 2") occur in the zone running in random orientations. The veins contain pyrite, spalerite and arsenopyrite. Two of the Central Patricia Mines drill holes occur 10' to the west of BL0.0. Grab samples 9128 - 9135 were submitted for assay.

Mineralization similar in nature to that observed at BL0.0 at L6S.1W 550 south (directly on strike) in float along the shore of the island at several locations (9135, 9140).

b) Minor pyrite and chalcopyrite (Sample 9274) was observed along the fault scarp L6S.4E in quartz veins cutting sheared porphyritic mafic volcanics. The quartz veins are from 1 - 4" wide.

c) A felsite dyke, in places sheared to sericite schist, occurs on Island FP83. The felsite dyke is cut by numerous quartz veins containing abundant pyrite. The veins are surrounded by alteration halos up to 2cm wide. Pyrite makes up to 30% of the unit (Sample 9136 - 9137). Two Central Patricia Mines drill holes cut the zone.

d) A quartz vein with minor pyrite (striking at 100°) was observed on the south end of Island FP77. A Central Patricia Mines drill hole cut the vein (Sample 9139).

e) A quartz vein 6" wide trending at 20°/40°E with pyrite occurs in a shear on the north end of Island FP78 (Sample 9142).

for. G.C. Patterson

TABLE 1

LINECUTTING

ISLAND FP77

Line #	Line Length	# of Sampling Stations
BL @ 010°	800'	-
L1N @ 100°	850'	18
L5N	650'	14
	2300'	32

ISLAND FP78

Line #	Line Length	# of Sampling Stations
BL @ 010°	2000'	-
LO @ 100°	450'	10
L4S	1200'	24
L8S	1050'	21
L12S	850'	19
L16S	950'	20
	6500'	94

PROPERTY TOTALS: Line Length = 8800'

Sampling Stations = 126

ISLAND FP78 PROPERTY

TIME BREAKDOWN

August 16th, 1980	Cut Base Line	D. Cutting * P. McConkey**	8 hours
August 31st, 1980	Completed Grid	D. Cutting P. McConkey	8 hours
September 2nd, 1980	Cut 2 additional lines, ran EM survey	G. Patterson D. Cutting	8 hours
September 3rd, 1980	Ran MAG survey, ran geochem survey	G. Patterson D. Cutting	8 hours
September 4th, 1980	Mapped geology	D. Cutting G. Patterson	8 hours
September 5th, 1980	Report preparation	D. Cutting G. Patterson	8 hours

* - geologist
** - assistant

QUALIFICATIONS OF WRITER

George C. Patterson,
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Education:

B.Sc. Geology - 1973
University of Toronto
Toronto, Ontario

M.Sc. Geology - 1975
University of Toronto
Toronto, Ontario

Ph.D. Geology - 1979
Carleton University
Ottawa, Ontario

Work Experience:

1970* - International Mogul Mines Ltd., Toronto, Ontario

1971-77*- Umex Corporation Ltd., Don Mills, Ontario

May 1979-April 1980- Ontario Geological Survey Mineral Deposits Section

May 1980 - Present - Denison Mines Limited, Toronto, Ontario

*Summer Field Employment

DENISON MINES LIMITED
EXPLORATION DIVISION

ASSESSMENT REPORT

Claim PA486833

Minnitaki Lake, Ontario

Patricia Mining District, Ontario

NTS 52-J-4

Submitted by: Denison Mines Limited

May 26, 1981.

P.O. BOX 40 ROYAL BANK PLAZA TORONTO ONTARIO CANADA M5J 2K2 (416) 865-1991 TELEX 065-24135

TABLE OF CONTENTS

SUMMARY AND CONCLUSIONS

Three mineralized quartz veins carrying gold values up to 0.11 oz. Au/ton and 1.69 oz. Ag/ton in grab samples occur on Island 406 in Minnitaki Lake, Sioux Lookout area of northwestern Ontario. Magnetic and electromagnetic surveys carried out on the island did not identify any conductors or magnetic anomalies. The quartz veins are narrow (6") and have been cut off by faulting to leave a strike length of less than 200 feet. The veins have very little potential of containing mineable tonnages. Assay data from channel samples and humic gold samples gave poor results.

No further work is recommended on this property.

INTRODUCTION

The Island property (PA486833) is located in the Patricia Mining District approximately six miles south-east of Sioux Lookout, Ontario; 1/2 mile north of Neepawa Island, Minnitaki Lake (Figure 1). Access is by boat from Frog Rapids (Hwy 72) Abram Lake; 5 miles; N.T.S. 52 J-4.

PROPERTY DESCRIPTION

The property, staked for Denison Mines in June 1980, consists of one heavily wooded island, (#406). This island is covered by one mining claim (PA486833). This claim has a total area of 40 acres; approximately 15 acres are on land (Figure 2).

PREVIOUS WORK

The area was mapped by the Ontario Geological Survey (Map #2243 This mapping showed an occurrence of Cu on the south side of Island 406. No record of any work done on the property occurs in the assessment files.

LINECUTTING AND STRIPPING

A baseline cut on AZ060° N and lines cut at 150° N were completed (a total of 2100' of line, 29 stations).

A vein was followed by stripping from BL 1+00N to 2+50N and a second vein was followed by stripping from 2+00N, 1+00W to 2+50N, 1+00W. A total of 200' of stripping.

Linecutting

Line #	Line Length	# of Sample Stations
Baseline	600'	-
	300'	6
	300'	7
	300'	6
	350'	8
	200'	5
	2050'	29

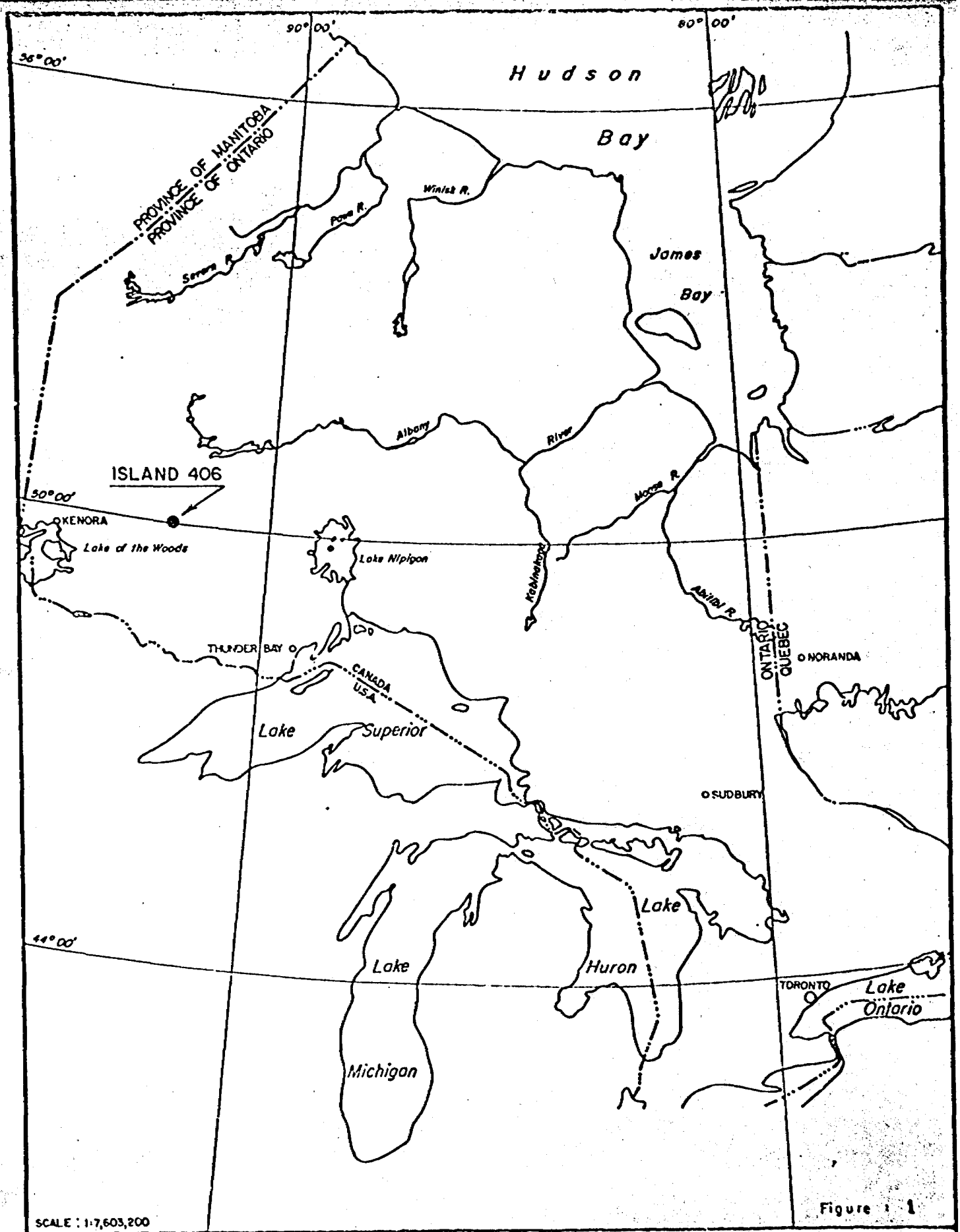
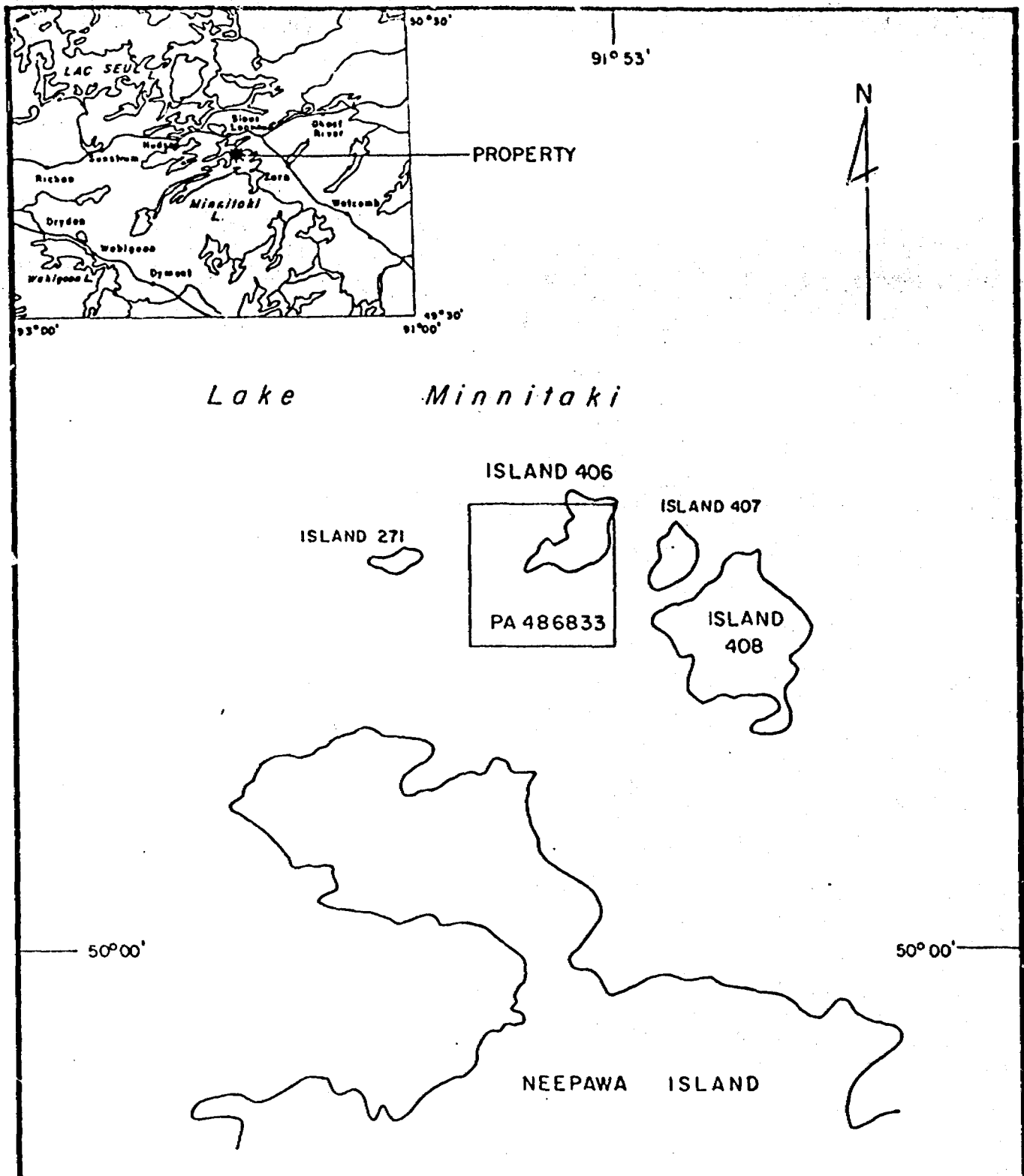


Figure : 1

DENISON MINES LIMITED

PROVINCE OF ONTARIO

LOCATION MAP



September 1980

Figure 2

DENISON MINES LIMITED

ISLAND 406
PROPERTY MAP

N.T.S. 52 J/4

SIOUX LOOKOUT AREA, PATRICIA MINING DIVISION, ONT.

GEOPHYSICS

Ground Magnetics

A ground magnetic survey was run over the property using a "Unimag" proton-precession magnetometer. A total of 29 stations were measured. A figure eight system of base stations was used. There were no significant diurnal variations noted during the duration of the survey. The results of survey are presented in Figure 3.

The area has an average magnetic signature of 60,800 gammas and no anomalies were noted on the property.

Ground VLF Electromagnetics

A ground VLF electromagnetic survey was run over the property using an EM16 unit with Cutler, Maine as the transmitter. A total of 29 stations were measured. The data was reduced using the standard Fraser Filter technique. The data is presented in Figure 4.

No conductor was identified on the property.

SOIL GEOCHEMISTRY

A humic gold soil geochemical survey was run over the property. A total of 29 samples were taken.

In this survey the Ao or A2 soil horizon was sampled. The B horizon was so infrequently present it was felt the data obtained from a B horizon survey would be too sparce to be valuable. The A horizon samples were almost all dry, black or black-brown and contained a very high percentage of organic material. The soil samples were assayed for humic gold content by x-ray assay labs using neutron activation techniques.

The sample location sites and assays are shown in Figure 5.

The background values were from 1 to 10 ppb Au. Two anomalous results (1S12 and 1S28) occur. 1S12 may result from George's vein. 1S28 is unexplained, a number quartz veins occur to the south, these contained no visible mineralization.

CHANNEL SAMPLES

Channel samples were taken across the vein and wall rock (where possible) and submitted for assay (Au, Ag, Cu, Pb, Zn). Sample locations are shown on Figure 6.

Only one channel sample across 24" contained significant Au 0.03 oz/ton.

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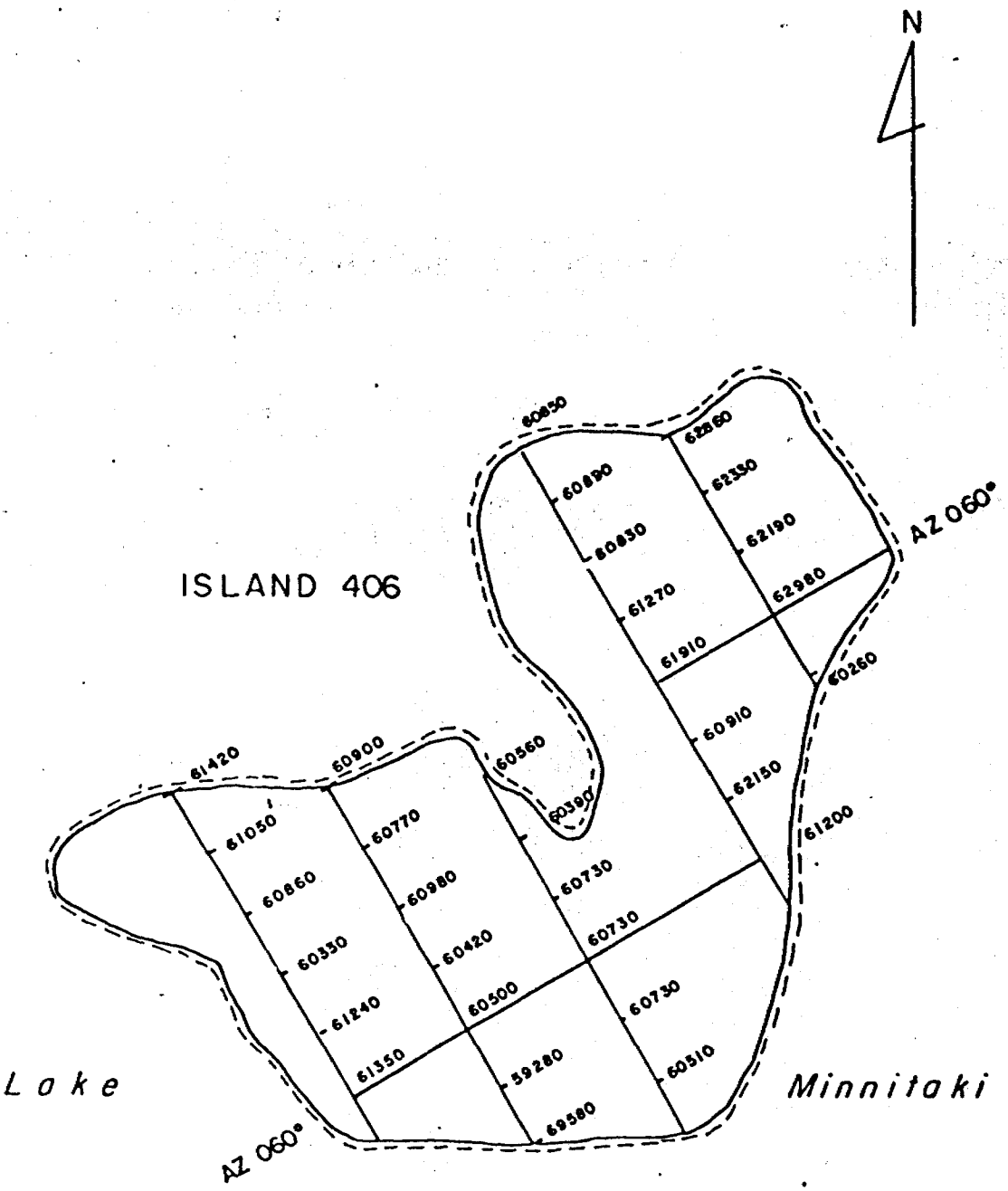


SCALE

1cm = 50'

0 100 200 feet

50 150

September 1980

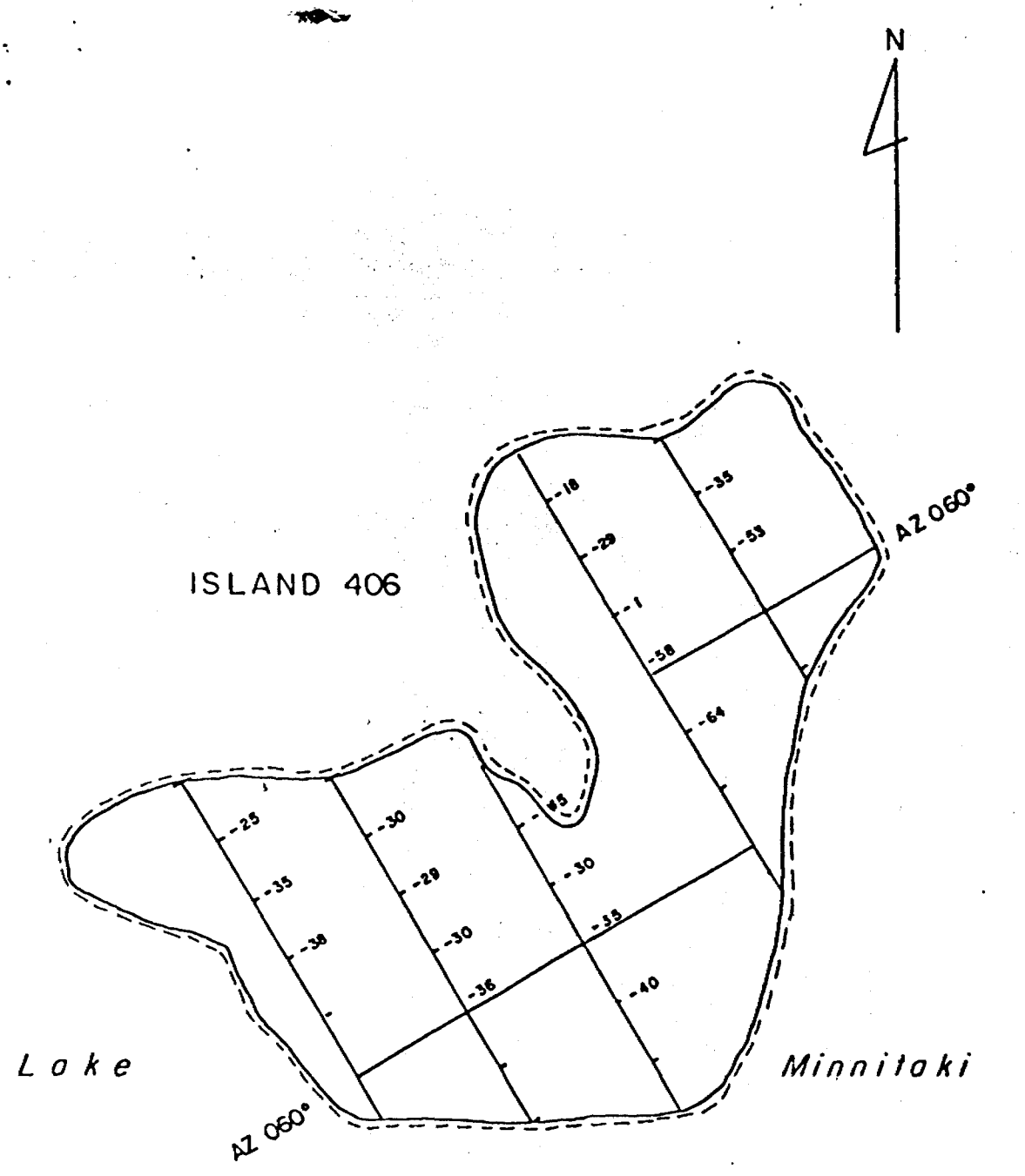
Figure : 3

DENISON MINES LIMITED

ISLAND 406 MAGNETOMETER SURVEY

N.T.S. 52J/4

DRAYTON TOWNSHIP , PATRICIA MINING DIVISION, ONT



SCALE

1cm = 50'

0 100 200 feet

30 150

September 1980

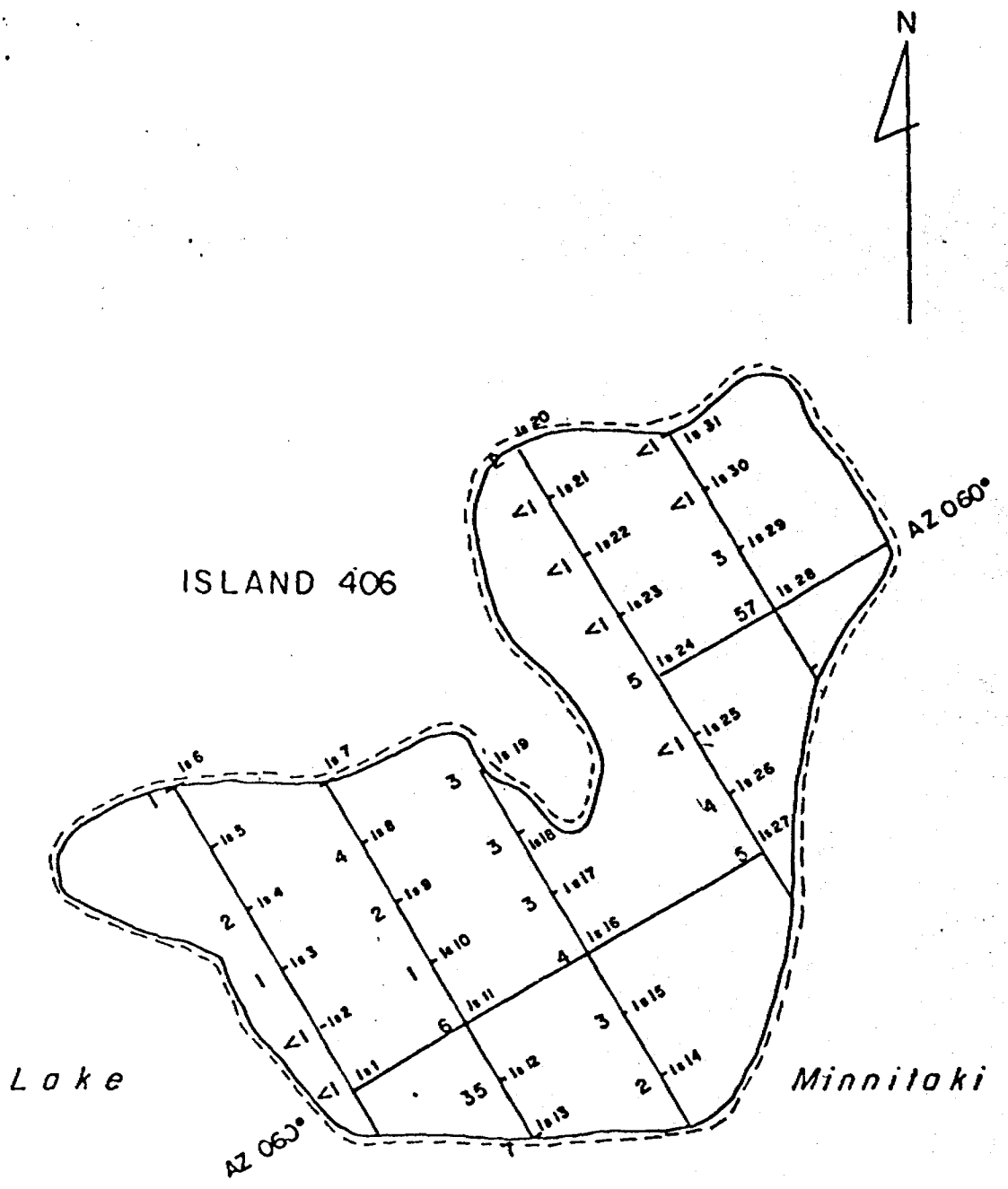
Figure 4

DENISON MINES LIMITED

ISLAND 406
VLF-EM16 SURVEY

N.T.S. 52J/4

DRAYTON TOWNSHIP, PATRICIA MINING DIVISION, ONT.



LEGEND

Is 11 Sample number

4 Humic gold, ppb

SCALE

1cm = 50'

0 100 200 feet

30 150

Figure : 5

September 1980

DENISON MINES LIMITED

ISLAND 406 SOIL GEOCHEMISTRY

N.T.S. 52J/4

DRAYTON TOWNSHIP., PATRICIA MINING DIVISION, ONT

GEOLOGY

Regional

The rocks of the area lie within the Superior Structural Province and are all of Archean age. A series of mafic volcanics with minor metasediments and felsic volcanics trending east-west have been isoclinally folded and subsequently intruded by felsic and mafic intrusives.

Local

The island is composed of mafic agglomerate consisting of 40 to 50% angular fragments up to one meter in size (but averaging 5 to 10 cm) of porphyritic mafic volcanic in a fine grained matrix. The porphyritic volcanic contains 30 to 40% feldspar phenocrysts up to 4mm in size randomly oriented in a fine grained mafic matrix.

Structural Geology

A fault trending 312° cuts across the island. Shearing was noted near the south shore of the island.

MINERALIZATION

Three mineralized quartz veins occur on the island (See Fig. 6)

1) Geordie's vein occurs along the south shore of the island in sheared agglomerate. It can be traced for 75' and varies from 3" to 6" wide. It is highly contorted and folded. It contains minor chalcopyrite, malachite and pyrite.

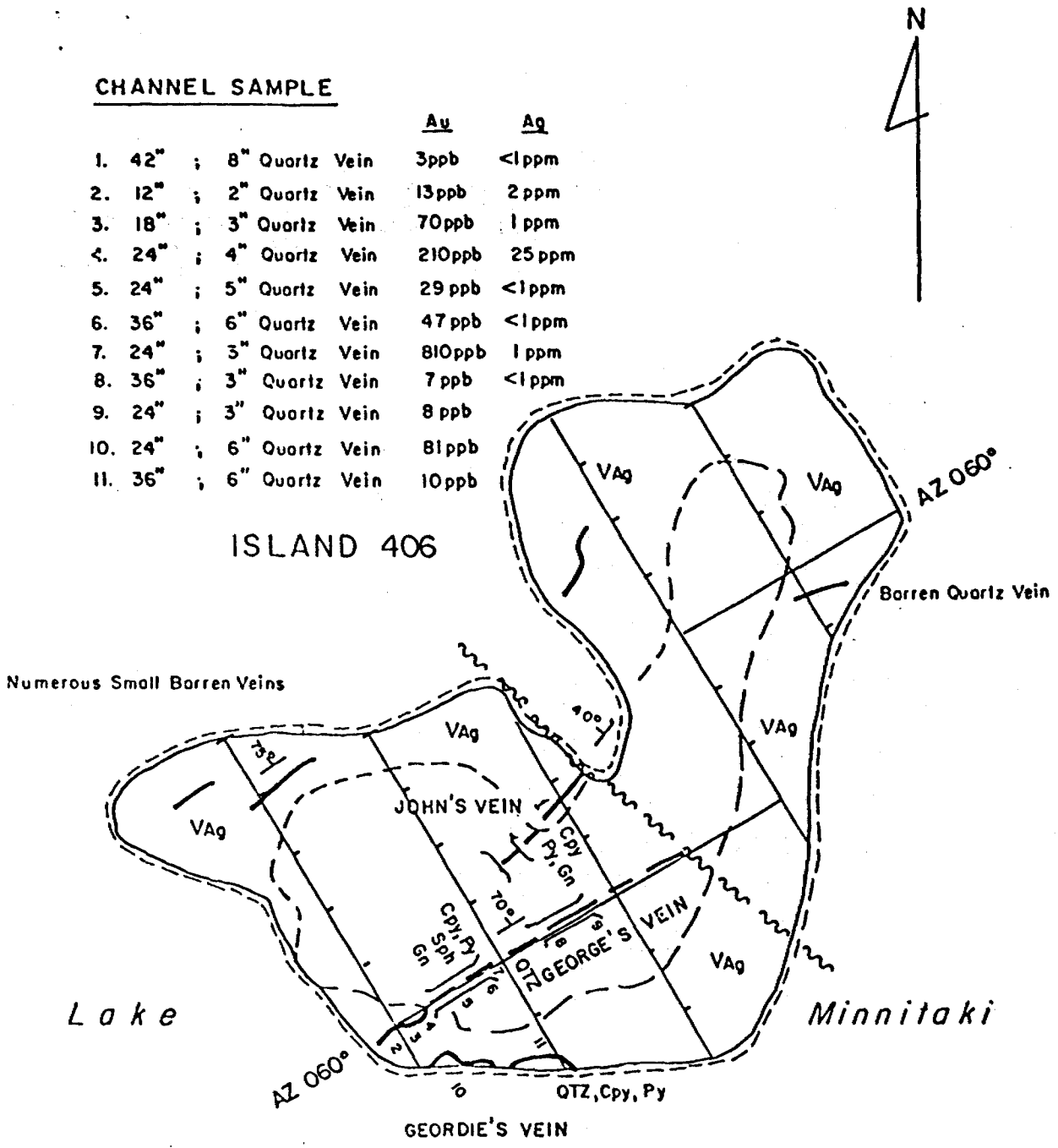
2) George's vein occurs along the B.L. from 0 + 50S to 2+00N where it disappears under overburden. It has minor folds but for the most part trends at 060° dipping steeply north-west. It varies from 3" to 6" wide. Assay results from grab samples (9235 to 9239) show Au from 0.02 to 0.11 oz/ton and Ag from 0.15 to 1.69 oz/ton. Mineralization consists of galena, chalcopyrite, malachite and pyrite.

3) John's vein occurs from L2N, 1+00W to L2+50N, 1+00W. It is cut by a fault to the north and disappears under overburden to the south. The vein trends at 060°, dips from 60 to 90° north-west, and is on average 6" wide. Minor pyrite, malachite, chalcopyrite and galena were noted.

Cont'd...

CHANNEL SAMPLE

			Au	Ag
1.	42" ; 8"	Quartz Vein	3ppb	<1ppm
2.	12" ; 2"	Quartz Vein	13ppb	2ppm
3.	18" ; 3"	Quartz Vein	70ppb	1ppm
4.	24" ; 4"	Quartz Vein	210ppb	25ppm
5.	24" ; 5"	Quartz Vein	29ppb	<1ppm
6.	36" ; 6"	Quartz Vein	47ppb	<1ppm
7.	24" ; 3"	Quartz Vein	810ppb	1ppm
8.	36" ; 3"	Quartz Vein	7ppb	<1ppm
9.	24" ; 3"	Quartz Vein	8ppb	
10.	24" ; 6"	Quartz Vein	81ppb	
11.	36" ; 6"	Quartz Vein	10ppb	



LEGEND

VAg	Agglomerate	----	Outcrop
———	Quartz Vein	⊥	Strike and Dip
~~	Fault	⫫	Trench

SCALE

1cm = 50'

0 100 200 feet

50 150

September 1980

Figure : 6

DENISON MINES LIMITED

ISLAND 406
GEOLOGICAL SURVEY

N.T.S. 52J/4

DRAYTON TOWNSHIP , PATRICIA MINING DIVISION, ONT.

A large number of other veins were noted on the island but these are barren with only minor chlorite. The mineralized veins carried no chlorite.

SUBMITTED BY:

for G.C. Patterson

G.C. Patterson

ISLAND 406 PROPERTY Time Breakdown

June 16, 1980	Stripping veins	G. Patterson J. Fondzeyuf	8 hrs
August 31, 1980	Trench Cleaning Vein Tracing Cut Lines	G. Patterson G. Frame	8 hrs
September 2, 1980	Ran EM Survey	G. Patterson D. Cutting	2 hrs
September 3, 1980	Ran Mag Survey	G. Patterson	2 hrs
September 4, 1980	Completed Geochem Survey Mapped Geology Channel Sampled Veins	G. Patterson D. Cutting	4 hrs
September 6, 1980	Report Preparation	G. Patterson D. Cutting	8 hrs

QUALIFICATIONS OF WRITER

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Ph.D. Geology - 1979
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Work Experience:

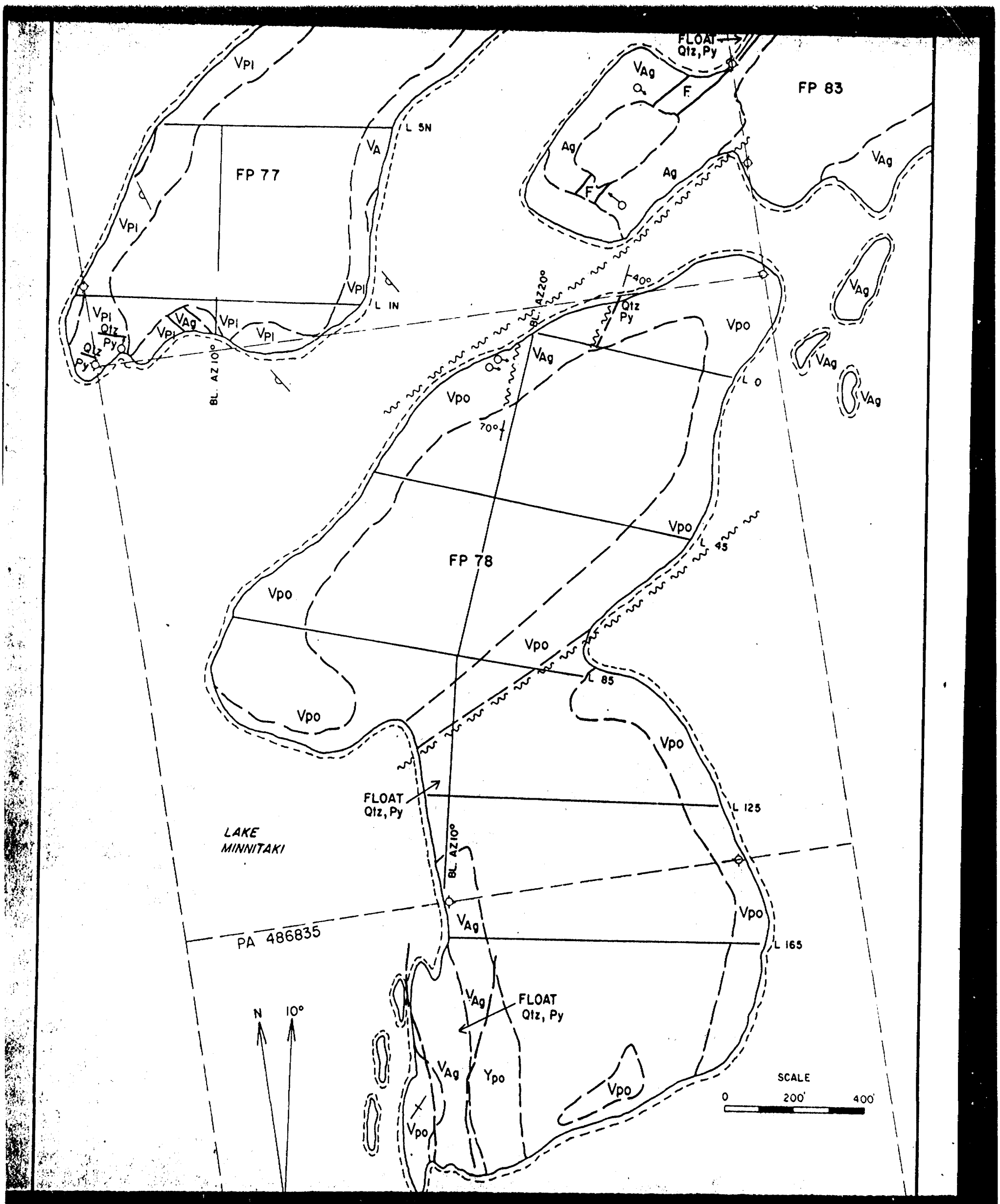
1970* - International Mogul Mines Ltd.,
Toronto, Ontario

1971-77*- Umex Corporation Ltd.,
Don Mills, Ontario

May 1979-April 1980- Ontario Geological Survey
Mineral Deposits Section

May 1980 - Present - Denison Mines Limited,
Toronto, Ontario

*Summer Field Employment


FLOAT
Qtz, Py
FP 83
VAg
F
Ag
VPl
L 5N
VA
FP 77
L IN
BL. AZ 10°
Qtz
Py
VAg
VPl
BL. AZ 220°
40°
Vpo
L 0
70°
FP 78
45
L 85
L 125
LAKE
MINNITAKI
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PA 486835
L 165
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Ypo
N
10°
SCALE
0
200'
400'

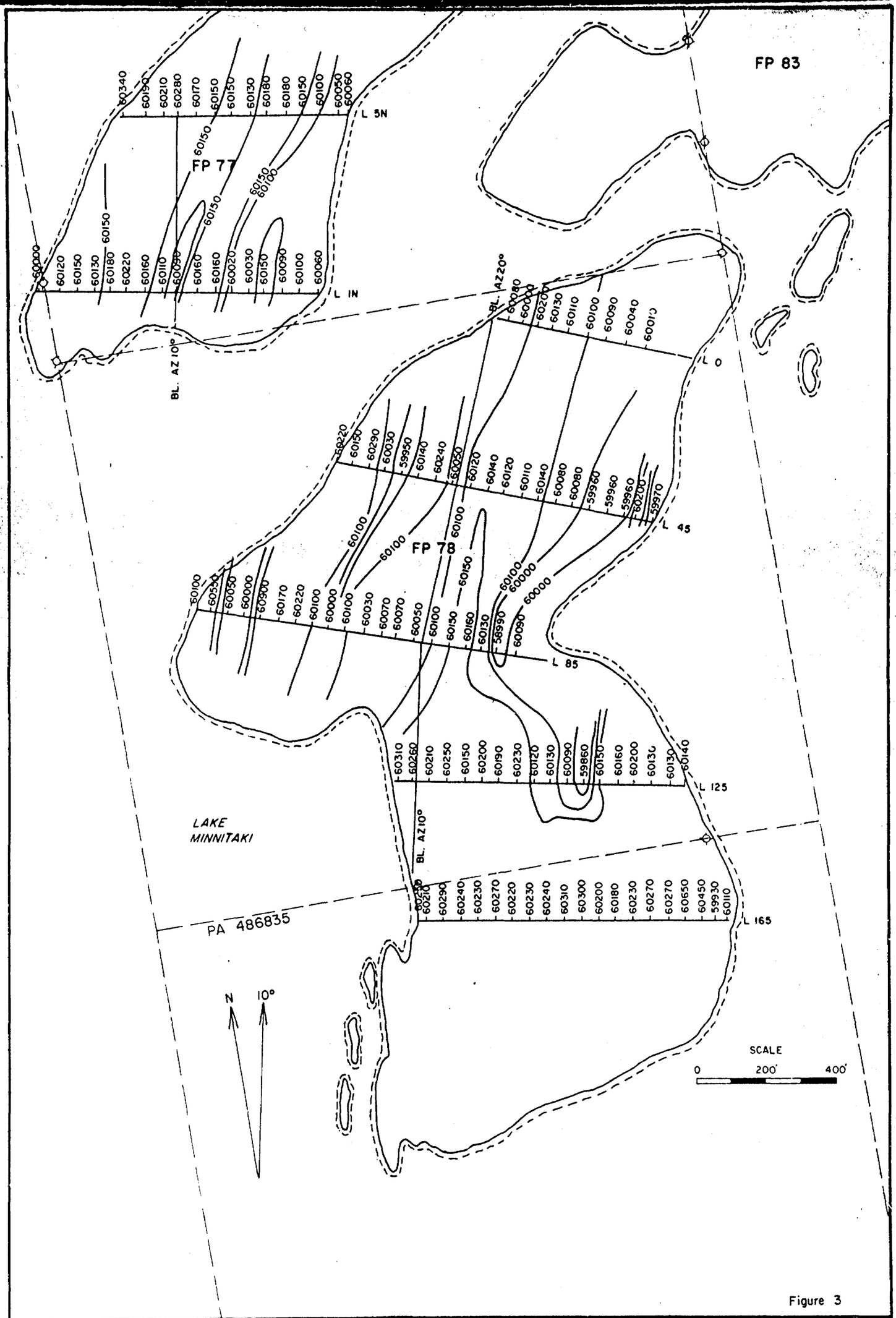


Figure 3

DENISON MINES LIMITED

Survey by:	G C P
Scale	1cm = 100'
Drawn by	T G.
Date	Nov./80

FONZ PROJECT

UNIMAG SURVEY

DRAYTON TOWNSHIP, PATRICIA MINING DIVISION, ONTARIO

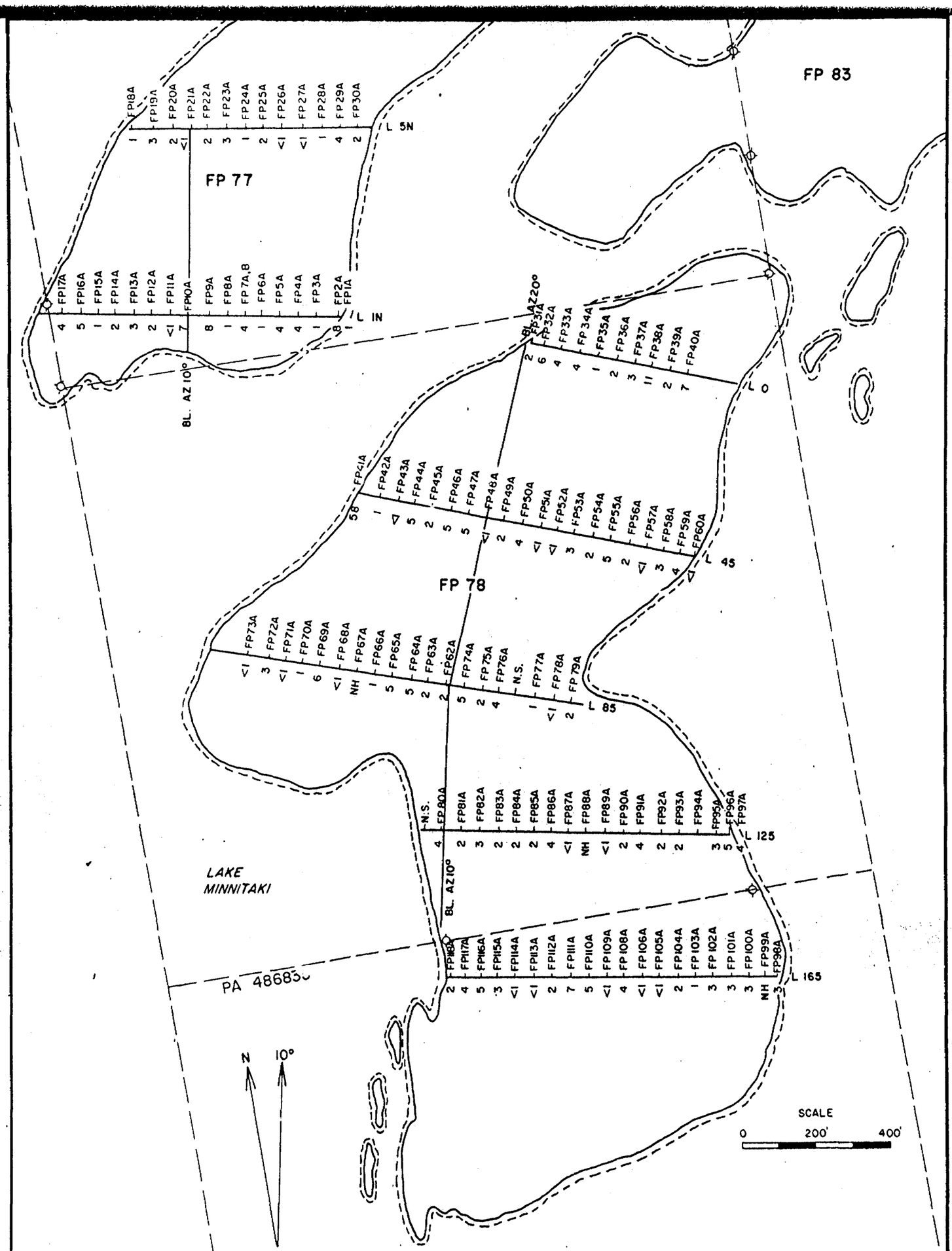


Figure 5

DENISON MINES, LIMITED.

Survey by:	G.C.P.
Scale	1cm = 100'
Drawn by	T.G.
Date	Nov./80

FONZ PROJECT

SOIL GEOCHEMISTRY

DRAYTON TOWNSHIP, PATRICIA MINING DIVISION, ONTARIO

FONZ

X-RAY ASSAY LABORATORIES LIMITED

1335 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-996247

INVOICE 8751 REF. FILE 4876-L3 23-OCT-30

TO: DENISON MINES LIMITED.
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2K2

52J04SW0015 52J04SW0014 DRAYTON

900

159 SAMPLES PO# DEC-23-30 SUBMITTED ON 6-SEP-30

WERE ANALYSED.

		METHOD	UNIT COST	AMOUNT	
140	AU	NA	5.00	700.00	
15	AU PPB	FA-NA	5.00	75.00	
				$ 775.00	
15	AG PPM	AA	0.60	9.00	
2	PB PPM	AA	0.60	1.20	130.20
15	AA DIGESTION		1.00	15.00	
15	SAMPLE PREPARATION ROCK		2.00	30.00	
144	SAMPLE PREPARATION HUMUS OR		0.50	72.00	
				$ 902.20	
	SHIPPING/DELIVERY CHARGES			37.97	
				$ 940.17	

INVOICE PAY THIS AMOUNT

EA0002 GC04 ~~$~~ 130.20

EA0419 GC04 $ 757.32

EA0420 GC04 $ 52.65

OK

PATRICIA MINING DIV. RECEIVED JUN - 1 1981 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

PAID

TERMS ... DAYS

FONZ ISLAND

X-RAY ASSAY LABORATORIES LIMITED
1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4
PHONE 416-445-5755 TELEX 06-986947

REC'D OCT 1980

CERTIFICATE OF ANALYSIS

TO: DENISON MINES LIMITED,
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2J2

REPORT 8751 REF. FILE 4876-L3

159 SAMPLES P/O ORC-28-80 SUBMITTED ON 9-SEP-80

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
AU	PPB	NA	1.000
AU	PPB	FA-NA	1.000
AG	PPM	AA	1.000
PB	PPM	AA	2.000

DATE 23-OCT-80

X-RAY ASSAY LABORATORIES LIMITED
CERTIFIED BY ..... J.H. DEBEECK

PATRICIA MINING DIV.
RECEIVED
JUN - 1 1981
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

SAMPLE	AU PPB	CO PPM	CU PPM	PB PPM
9144	390	6	31	55
9145	3	--	15	42
9146	13	--	310	70
9147	70	--	340	61

ASSAY LABORATORIES ... FILE ... PAGE ?

SAMPLE	AU		CU PPM	ZN PPM
9148	210	--	750	88
9149	29	--	59	82
9150	47	--	14	65
9151	810	--	37	32
9152	7	--	9	81
9153	6	--	130	34
9154	31	--	370	48

SAMPLE ... Au PPB ... Au OZ/TON ...

IS3	1	--	--	--
IS4	2	--	--	--
IS6	1	--	--	--
IS8	4	--	--	--
IS9	2	--	--	--
IS10	1	--	--	--
IS11	6	--	--	--
IS12	35	--	--	--
IS13	7	--	--	--
IS14	2	--	--	--
IS15	3	--	--	--
IS16	4	--	--	--
IS17	3	--	--	--
IS18	3	--	--	--
IS19	3	--	--	--
IS20	2	--	--	--
IS21	<1	--	--	--
IS22	<1	--	--	--
IS23	<1	--	--	--
IS24	5	--	--	--
IS25	<1	--	--	--
IS26	4	--	--	--
IS27	5	--	--	--
IS28	57	--	--	--
IS29	3	--	--	--
IS30	<1	--	--	--
IS31	<1	--	--	--

NH - NOT HUMUS

FOUR ISLAND

Gail

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

INVOICE # 7869 REF. FILE # 3878-H4 07-AUG-80

TO: DENISON MINES LIMITED,
ATTN: G.C. PATTERSON,
P.O. BOX 40, SOUTH TOWER,
ROYAL BANK PLAZA,
TORONTO, ONT. M5J 2K2

50 ROCKS PO# GCP80-10 SUBMITTED ON 2-JUL-80

WERE ANALYSED.

		METHOD	UNIT COST	AMOUNT
4	AS PPM	NA	1.00	4.00
4	IRRADIATION		4.00	16.00
45	AU PPB	FA-NA	5.00	225.00
				$ 245.00
13	NI PPM	AA	0.60	7.80
24	CU PPM	AA	0.60	14.40
12	ZN PPM	AA	0.60	7.20
19	AG PPM	AA	0.60	11.40
13	PB PPM	AA	0.60	7.80
33	AA DIGESTION		1.00	33.00
8	DILUTION CHARGE		0.50	4.00
5	30 ELEMENT	EMS	15.00	75.00
50	SAMPLE PREPARATION ROCK		1.50	75.00
				$ 480.60

PAID

INVOICE PLEASE PAY THIS AMOUNT

REC'D AUG 1 1 1980

OK Please Pay.

ORIGINAL

EA0002
GC07.

EA0002
GC07

PATRICIA MINING DIV.
RECEIVED
JUN - 1 1981
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

TERMS: NET 30 DAYS

FONZ ISLAND

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

CERTIFICATE OF ANALYSIS

TO: DENISON MINES LIMITED,
ATTN: G.C. PATTERSON,
P.O. BOX 40, SOUTH TOWER,
ROYAL BANK PLAZA,
TORONTO, ONT. M5J 2K2

REPORT 7869 REF. FILE 3878-H4

50 ROCKS PO# GCP80-10 SUBMITTED ON 2-JUL-80

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
AU	PPB	FA-NA	1.000
NI	PPM	AA	1.000
CU	PPM	AA	1.000
ZN	PPM	AA	1.000
AS	PPM	NA	1.000
AG	PPM	AA	1.000
PB	PPM	AA	2.000
30 ELEMENT		EMS	

DATE 07-AUG-80

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY .....

J.H. OPDEBEECK

SAMPLE	AU PPB	NI PPM	CU PPM	ZN PPM
9235	480	--	1030	6
9236	560	--	850	3
9237	3500	--	1900	3
9238	1500	--	1410	1
9239	54	--	63	77

FONZ ISLAND

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

INVOICE A771 REF. FILE #898-L2 23-OCT-80

TO: DENISON MINES LIMITED,
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2K2

PATRICIA MINING DIV. RECEIVED JUN - 1 1981 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

62 ROCKS PO# DRC-27-80 SUBMITTED ON 9-SEP-80

WERE ANALYSED.

		METHOD	UNIT COST	AMOUNT
20	AS PPM	NA	1.00	20.00
20	IRRADIATION		4.00	80.00
62	AU PPB	FA-NA	5.00	310.00
				$ 410.00
2	CO PPM	AA	0.60	1.20
24	CU PPM	AA	0.60	14.40
22	ZN PPM	AA	0.60	13.20
29	AG PPM	AA	0.60	17.40
20	PB PPM	AA	0.60	12.00
31	AA DIGESTION		1.00	31.00
4	DILUTION CHARGE		0.50	2.00
62	SAMPLE PREPARATION ROCK		2.00	124.00
				$ 625.20
	SHIPPING/DELIVERY CHARGES			50.29
				$ 675.49

OK JSD

INVOICE PLEASE PAY THIS AMOUNT

EA0002 GC 04

RECEIVED SEP - 2 1981 MINING LANDS SECTION

PAID

TERMS NET 30 DAYS

FOUZ ISLAND 14

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

RECD OCT 28 1980

CERTIFICATE OF ANALYSIS

PATRICIA MINING DIV. RECEIVED JUN - 1 1981 A.M. 7 8 9 10 11 12 P.M. 1 2 3 4 5 6

TO: DENISON MINES LIMITED,
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2K2

REPORT 8771 REF. FILE 4883-L3

62 ROCKS P04 DEC-27-80 SUBMITTED ON 9-SEP-80

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
AU	PPB	FA-NA	1.000
CO	PPM	AA	1.000
CU	PPM	AA	1.000
ZN	PPM	AA	1.000
AS	PPM	NA	1.000
AG	PPM	AA	1.000
PB	PPM	AA	2.000

DATE 23-OCT-80

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY .....

J.H. DOOBEECK

SAMPLE	AU PPB	CO PPM	CU PPM	ZN PPM

FONZ

9128	2000	--	200	3340
9129	4600	--	250	4800
9130	26000	--	100	2980
9131	5300	--	170	10100
9132	8300	--	330	28800
9133	250	--	45	450
9134	2600	--	110	790
9135	1100	--	58	170
9136	3400	--	--	--
9137	220	--	--	--
9138	1300	15	--	--
9139	370	--	--	--
9140	99	--	--	--
9141	670	--	--	--
9142	6	--	--	--
9143	11	--	32	3
9144	390	6	31	55

FOUZ

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986247

INVOICE 9751 REF. FILE 4976-L3 23-OCT-80

TO: DENISON MINES LIMITED,
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2K2

159 SAMPLES PO# DRC-28-30 SUBMITTED ON 8-SEP-80

WERE ANALYSED.

		METHOD	UNIT COST	AMOUNT	
140	AU	NA	5.00	700.00	
15	AU PPB	FA-NA	5.00	75.00	
				$ 775.00	
15	AG PPM	AA	0.60	9.00	
2	PB PPM	AA	0.60	1.20	130.20
15	AA DIGESTION		1.00	15.00	
15	SAMPLE PREPARATION ROCK		2.00	30.00	
144	SAMPLE PREPARATION HUMUS OR		0.50	72.00	
				$ 902.20	
	SHIPPING/DELIVERY CHARGES			37.97	
				$ 940.17	

INVOICE

PAY THIS AMOUNT

EA0002 GC04 ~~$~~ $130.20
EA0419 GC04 $757.32
EA0420 GC04 $52.65

OK

PAID

TERMS: NET 30 DAYS

FONZ ISLAND

REC'D OCT [illegible]

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

CERTIFICATE OF ANALYSIS

PATRICIA MINING DIV. RECEIVED JUN - 1 1981 A.M. 7 8 9 10 11 12 P.M. 1 2 3 4 5 6

TO: DENISON MINES LIMITED,
ATTN: G. PATTERSON,
P.O. BOX 40,
ROYAL BANK PLAZA, SOUTH TOWER,
TORONTO, ONT. M5J 2K2

REPORT 8751 REF. FILE 4876-L3

159 SAMPLES PO# DRC-28-80 SUBMITTED ON 9-SEP-80

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
AU	PPB	NA	1.000
AU	PPB	FA-NA	1.000
AG	PPM	AA	1.000
PB	PPM	AA	2.000

DATE 23-OCT-80

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY ..[signature]..

J.H. OPDEBEECK

SAMPLE	AU PPB	AU PPB	AG PPM	PB PPM
FD8A	1	--	--	--
FD9A	6	--	--	--
FD10A	7	--	--	--
FD11A	<1	--	--	--
FD12A	2	--	--	--
FD13A	3	--	--	--
FD14A	2	--	--	--
FD15A	1	--	--	--
FD16A	5	--	--	--
FD17A	4	--	--	--
FD18A	1	--	--	--
FD19A	3	--	--	--
FD20A	2	--	--	--
FD21A	<1	--	--	--
FD22A	2	--	--	--
FD23A	3	--	--	--
FD24A	1	--	--	--
FD25A	2	--	--	--
FD26A	1	--	--	--
FD27A	<1	--	--	--
FD28A	1	--	--	--
FD29A	4	--	--	--
FD30A	2	--	--	--
FD31A	2	--	--	--
FD32A	6	--	--	--
FD33A	4	--	--	--
FD34A	4	--	--	--
FD35A	1	--	--	--
FD36A	2	--	--	--
FD37A	3	--	--	--
FD38A	11	--	--	--
FD39A	2	--	--	--
FD40A	7	--	--	--
FD41A	58	--	--	--
FD42A	1	--	--	--
FD43A	<1	--	--	--
FD44A	5	--	--	--
FD45A	2	--	--	--
FD46A	5	--	--	--
FD47A	NH	--	--	--

SAMPLE	AU PPB	AU PPB	AG PPM	PB PPM
FD48A	<1	--	--	--
FD49A	2	--	--	--
FD50A	4	--	--	--
FD51A	<1	--	--	--
FD52A	<1	--	--	--
FD53A	3	--	--	--
FD54A	2	--	--	--
FD55A	5	--	--	--
FD56A	2	--	--	--
FD57A	<1	--	--	--
FD58A	3	--	--	--
FD59A	4	--	--	--
FD60A	<1	--	--	--
FD61A	3	--	--	--
FD62A	2	--	--	--
FD63A	2	--	--	--
FD64A	5	--	--	--
FD65A	5	--	--	--
FD66A	1	--	--	--
FD67A	NH	--	--	--
FD68A	<1	--	--	--
FD69A	6	--	--	--
FD70A	1	--	--	--
FD71A	<1	--	--	--
FD72A	3	--	--	--
FD73A	<1	--	--	--
FD74A	5	--	--	--
FD75A	2	--	--	--
FD76A	4	--	--	--
FD77A	1	--	--	--
FD78A	<1	--	--	--
FD79A	2	--	--	--
FD80A	4	--	--	--
FD81A	2	--	--	--
FD82A	3	--	--	--
FD83A	2	--	--	--
FD84A	2	--	--	--
FD85A	2	--	--	--
FD86A	4	--	--	--
FD87A	<1	--	--	--
FD88A	NH	--	--	--
FD89A	<1	--	--	--
FD90A	2	--	--	--
FD91A	4	--	--	--
FD92A	2	--	--	--
FD93A	2	--	--	--
FD95A	3	--	--	--
FD96A	5	--	--	--
FD97A	4	--	--	--
FD98A	3	--	--	--
FD99A	NH	--	--	--
FD100A	3	--	--	--
FD101A	3	--	--	--
FD102A	3	--	--	--
FD103A	1	--	--	--
FD104A	2	--	--	--

SAMPLE	AU PPB	AU PPB	AG PPM	PB PPM
FD105A	<1	--	--	--
FD106A	<1	--	--	--
FP1A	1	--	--	--
FP2A	8	--	--	--
FP3A	1	--	--	--
FP4A	4	--	--	--
FP5A	4	--	--	--
FP6A	1	--	--	--
FP7A	4	--	--	--
FP7B	1	--	--	--
FP108A	4	--	--	--
FP109A	<1	--	--	--
FP110A	5	--	--	--
FP111A	7	--	--	--
FP112A	2	--	--	--
FP113A	<1	--	--	--
FP114A	<1	--	--	--
FP115A	3	--	--	--
FP116A	3	--	--	--
FP117A	4	--	--	--
FP118A	2	--	--	--

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) GEOPHYSICAL

Township or Area DRAYTON TWP

Claim Holder(s) DENISON MINES LTD

Survey Company _____

Author of Report G.C.PATTERSON & DA CUTTING

Address of Author PO BOX 40, ROYAL BANK TOWER, TORONTO ONTARIO.

Covering Dates of Survey AUG 16/80 TO _____ (linecutting to office)

Total Miles of Line Cut 1.7 MILES

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
PA	486834
PA	486835
PA	560175

TOTAL CLAIMS 3

If space insufficient, attach list

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 _____

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

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

DATE: APRIL 13/81 SIGNATURE: D.C. Patterson
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder
			L.D

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 126 Number of Readings 126

Station interval 50' Line spacing 400

Profile scale #0

Contour interval EM (25UNITS), MAG (500Y)

MAGNETIC

Instrument GEOMETRIC PROTON PROCESSION MAGNETOMETER (uNIMAG)

Accuracy – Scale constant 10Y

Diurnal correction method FIGURE EIGHT

Base Station check-in interval (hours) 1hR

Base Station location and value BASE LINE 0.0 60030

ELECTROMAGNETIC

Instrument GEONICS EM16

Coil configuration

Coil separation

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency CUTLER MAINE
(specify V.L.F. station)

Parameters measured INPHASE REDUCED BY FRASER FILTER

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 486834, 486835, 560175

Total Number of Samples 126
Type of Sample HUMIC
(Nature of Material)
Average Sample Weight 200 GM
Method of Collection GRAB

Soil Horizon Sampled Ao
Horizon Development GOOD
Sample Depth SURFACE
Terrain 50' TOPOGRAPHY

Drainage Development GOOD
Estimated Range of Overburden Thickness 0 TO 20'

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis

General

ANALYTICAL METHODS

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

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

Others Au

Field Analysis (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Field Laboratory Analysis
No. (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Commercial Laboratory (112 tests)
Name of Laboratory X-RAY ASSAY
Extraction Method
Analytical Method NEUTRON ACTIVATION
Reagents Used

General 14 SAMPLES WITH INSUFFICIENT HUMIC MATERIAL FOR ANALYSIS

10 SAMPLES (ROCK) FOR Au, Ag, Cu, Zn, Pb
7 SAMPLES (ROCK) FOR Au, Ag
Au FIRE ASSAY
Ag, Cu, Zn, Pb BY ATOMIC ABSORATION

FONZ

	HOUR	DAYS	CREDIT
GEOL	32	4	28
GEOPH	22	2.75	19.25
GEOCHEM	8	1	7
LINE	34	4.25	4.25
			58.5

TYPING	4	0.5 X 7	3.5
DRAFTING	8	1 X 7	7.0
			10.5

DATE	16	31	2	3	4	5	TOTAL (HR)
D. CUTTING	(8)	(8)	(2) 6	8	8	8	48
P. McCONKEY	(8)	(8)					16
G. PATTERSON			8	8	8	8	32

	LINES	GEOPHYSICS	GEOCHEM	GEOLOGY
D. CUTTING	8 + 8 + 2	6	8	8+8
P. McCONKEY	8 + 8			
G. C PATTERSON		8 + 8		8+8
	34	22	8	32

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) GEOLOGICAL, GEOPHYSICAL & GEOCHEMICAL

Township or Area DRAYTON TWP

Claim Holder(s) DENISON MINES LIMITED

Survey Company _____

Author of Report G.C.PATTERSON AND D.CUTTING

Address of Author BOX 40, ROYAL BANK PLAZA, TORONTO, ONT.

Covering Dates of Survey JULY 20/80 – _____
(linecutting to office)

Total Miles of Line Cut 0.40 MILES.

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 _____

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

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

DATE: APRIL 13/81 SIGNATURE: G.C. Patterson
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
PA	486833

If space insufficient, attach list

TOTAL CLAIMS 1

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 29 Number of Readings 29

Station interval 50' Line spacing

Profile scale 200'

Contour interval EM (25 UNITS), MAG (500 γ)

MAGNETIC

Instrument GEOMETRIC PROTON PROCESSION MAGNETOMETER (UNIMAG)

Accuracy – Scale constant 10X

Diurnal correction method FIGURE EIGHT

Base Station check-in interval (hours) 1 HR

Base Station location and value BASE LIN 0.0

ELECTROMAGNETIC

Instrument GEONICS EM16

Coil configuration

Coil separation

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency CUTLER MAINE (specify V.L.F. station)

Parameters measured INPHASE AND QUADRATURE (REDUCED BY FRASER FILTER)

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken PA486833

Total Number of Samples 23
Type of Sample HUMIC
(Nature of Material)
Average Sample Weight 200 GM
Method of Collection GRAB

Soil Horizon Sampled Ao
Horizon Development GOOD
Sample Depth SURFACE
Terrain 20' TOPOGRAPHY

Drainage Development GOOD
Estimated Range of Overburden Thickness 0 TO 20

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis

General

ANALYTICAL METHODS

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

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

Field Analysis (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Field Laboratory Analysis
No. (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Commercial Laboratory (28 tests)
Name of Laboratory X-RAY ASSAY LAB
Extraction Method
Analytical Method NEUTRON ACTIVATION
Reagents Used

General 15 SAMPLES ASSAYED FOR Au, Ag, Cu, Pb, Zn

Ontario

Ministry of Natural Resources

Notification of recording of assessment work credits

RECEIVED
NOV 2 4 1981
MINING LANDS SECTION

Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

YOUR REF. 2.4111

Date of recording of work: June 16, 1981

Recorded holder: Denison Mines Ltd.

Address: Box 40 - Royal Bank Tower, Toronto, Ontario

Township or Area: Drayton Township M-2233

Type of survey and number of Assessment days credit per claim		Mining claims
Geophysical		
Electromagnetic	6 days	
Magnetometer	1.75 days	Pa. 486834 & 486835 ✓ Pa. 560175 ✓
Radiometric	days	
Induced polarization	days	
Section 86 (18)	17.20 days	REVISED: PLEASE NOTE
Geological	12.83. days	CHANGE OF DAYS FOR
Geochemical	2.33 ✓ days	GEOCHEMICAL
Man days ☐	Airborne ☐	
Special provision ☐	Ground ☒	

Notice to recorded holder:

☒ Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

☐ Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder

c.c. Denison Mines Ltd.-Tor.

#81-55; #81-56; #81-57; #81-58
#81-59

792 (6/77)

LA. 065

FILE: 2.4111

GEOTECHNICAL REPORT APPROVAL

L.D

MINING LANDS COMMENTS: - Geological maps not coloured - no over-burden
need a duplicate set of maps ✓
- no readings for EM survey ✓
- no significance for maps ✓
- anything else

☑ MR. R. BARLOW

- maps need signature ✓
- CLF maps need raw values plotted ✓

DATE: Oct 15/82		APPROVED
SIGNATURE: Roy Barlow	✓	WISH TO SEE AGAIN WITH CORRECTION

☑ MR. C. KUSTRA

approval subject to above. No need to see again.

DATE: Jan 14/83	✓	APPROVED
SIGNATURE: C Kustra		WISH TO SEE AGAIN WITH CORRECTION

☑ DR. I. THOMPSON

L D1

DATE: Dec 16th 1982	✓	APPROVED
SIGNATURE: R.A.C. Paterson		WISH TO SEE AGAIN WITH CORRECTIONS

Ontario

Ministry of Natural Resources

Notification of recording of assessment work credits

RECEIVED
SEP 30 1981
MINING LANDS SECTION

Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

Date of recording of work: June 16, 1981

Recorded holder: Denison Mines Ltd.

Address: Box 40 - Royal Bank Tower, Toronto, Ontario

Township or Area: Drayton Township M-2233

Type of survey and number of Assessment days credit per claim		Mining claims
Geophysical		
Electromagnetic	6 days	
Magnetometer	1.75 days	Pa. 486834 & 486835 Pa. 560175
Radiometric	days	
Induced polarization	days	
Section 86 (18)	17.20 days	REVISED: PLEASE NOTE
Geological	12.83 days	CHANGE OF DAYS FOR
Geochemical	2.33 days	GEOCHEMICAL
Man days ☐	Airborne ☐	
Special provision ☐	Ground ☒	

Notice to recorded holder:

☒ Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

☐ Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder

c.c. Denison Mines Ltd.-Tor.

#81-55; #81-56; #81-57; #81-58
#81-59

792 (6/77)

LA. 065

Ontario

2.4111

Ministry of Natural Resources

Notification of recording of assessment work credits

RECEIVED
SEP 28 1981
MINING LANDS SECTION

Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

Date of recording of work: June 16, 1981 (1st Rec'd. June 1/81

Recorded holder: DENISON MINES LTD.

Address: Box 40-Royal Bank Tower, Toronto, Ontario

Township or Area: Drayton Township M-2233

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	
Electromagnetic 8.75 days	Pa. 486833
Magnetometer 3.5 days	
Radiometric ____ days	
Induced polarization ____ days	
Section 86 (18) 20.7 days	
Geological 28 days	
Geochemical 7 days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	

Notice to recorded holder:

☒ Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

☐ Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder

c.c. Denison Mines Ltd. =Toronto

#81-60; #81-61; #81-62; #81-63
#81-64

792 (6/77) LA. 065

September 8, 1981 2.4111

Albert Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 669
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

We have received the reports and maps for a Geophysical (Magnetometer) and Geochemical survey on Mining Claims Pa.486834 et al, in the Area of Minnitaki Lake.

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

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

S. Halperin/bk

cc: Denison Mines Limited
Toronto, Ontario

Called for notification on Nov. 20th/81

1983 02 01 2.4111

Denison Mines Limited
P.O. Box 40
Royal Bank Plaza
Toronto, Ontario
M5J 2K2

Dear Sirs:

RE: Geophysical (Magnetometer & Electromagnetic) and Geochemical Survey submitted on Mining Claims PA 486834 et al in the Area of Minnitaki Lake.

Enclosed is one set of maps for the above mentioned survey. In order to complete your submission, we require the following information:

a) a duplicate set of maps.

b) all maps must be signed.

c) VLF map needs the raw data plotted at each station.

d) Geological maps need the outcrop designated by colour and by a letter corresponding to the rock type as listed in the legend.

e) Geological maps must show the character of the overburden (boulder clay, gravel, sand, clay) and distribution of swamp, muskeg and forest cover.

For further information please contact Mr. F.W. Matthews at 965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416:965-1380

A. Barr:sc

Encls:

cc: Mining Recorder
Sioux Lookout, Ontario

DENISON MINES LIMITED

SUITE 3900, SOUTH TOWER
P.O. BOX 40

ROYAL BANK PLAZA
TORONTO, ONTARIO, CANADA
M5J 2K2

TEL. 416-865-1991
TELEX 065-24135

February 7, 1983

Your File: 2.4111
Our File: FONZ 52J/4

Mr. A. Barr
Land Management Branch
Ministry of Natural Resources
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3

Dear Mr. Barr,

Re: Geophysical and Geochemical Survey
PA 486834 et al in the Area of
Minnitaki Lake, Patricia Mining District

Your letter of February 1, 1983 is acknowledged. Please be advised that our Company will not complete our submission as you required in your letter.

We no longer have any interest in the property listed as mining claims PA 486834, PA 486835, PA 560175, PA 487557, PA 487558 and PA 487559.

Thank you.

Yours truly,

DENISON MINES LIMITED

M. Kustka

Mira Kustka
Land Administrator

MK;bdp

Ministry of Natural Resources
Ontario

Your file: 52J4 SE SW (23)

Our file: 2.4111

1983 06 27

Resident Geologist
Ministry of Natural Resources
Court House Building
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

RE: Geophysical (Magnetometer) and Geochemical survey on Mining Claims PA 486834 et al in Drayton Township

Further to my letter of September 8, 1981 which acknowledged receipt of the above survey, the data has not been assessed as the company has no further interest in the property and does not wish to complete their submission. Enclosed is copy of the survey report (no maps) for your information.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-1380

A. Barr:mc

Encl.

cc: Denison Mines Limited
P.O. Box 40
Royal Bank Tower
Toronto, Ontario
M5J 2K2

cc: Mining Recorder
Sioux Lookout, Ontario

Ministry of
Natural
Resources

Ontario

Your file: 7561.1V2

1983 06 30

Our file: 2.4111

Mr. Albert Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 669
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

Denison Mines Ltd recorded 6 days Electromagnetic, 1.75 days Magnetometer, 17.20 days Assaying, 12.83 days Geological and 2.33 days Geochemical assessment work credits on each of mining claims PA 486834-35 and PA 560175 on June 16, 1981.

The company is no longer interested in the land and will not complete their submission as required.

You are hereby authorized to delete the work credits recorded on June 16, 1981 from each of the claim record sheets. Please inform the recorded holder accordingly.

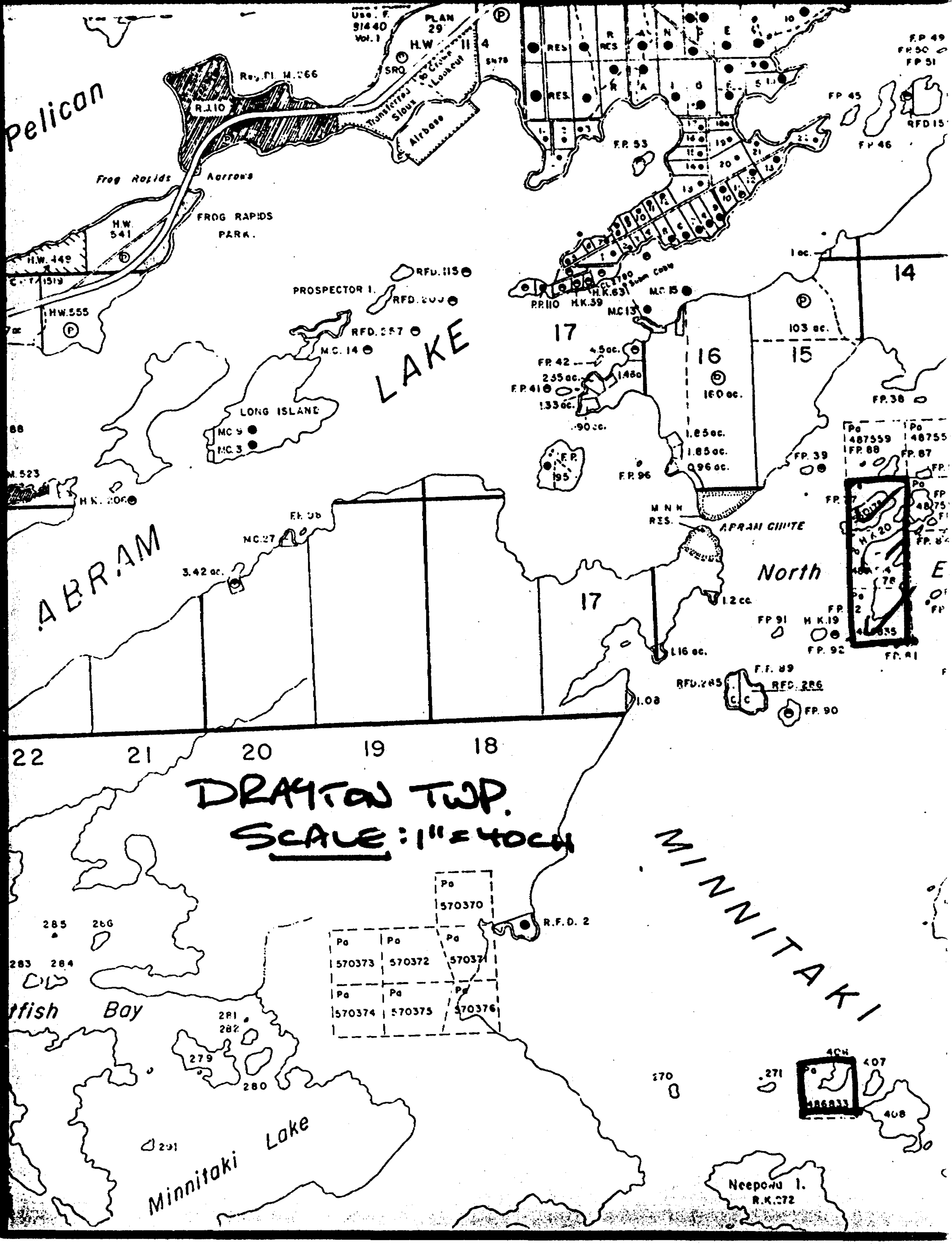
Yours very truly,

E.E. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-1380

A. Barr:mc

cc: Denison Mines Ltd
P.O. Box 40
Royal Bank Tower
Toronto, Ontario
M5J 2K2


Pelican
Frog Rapids Narrows
FROG RAPIDS PARK.
PROSPECTOR I.
LONG ISLAND
LAKE
ABRAM
ABRAM CHUTE
North
17
16
15
14
22
21
20
19
18
DRAYTON TWP.
SCALE: 1" = 40CH
MINNITAKI
Minnitaki Lake
Catfish Bay
Neepowa I.
R.F.D. 2
Po 570370
Po 570373
Po 570372
Po 570371
Po 570374
Po 570375
Po 570376
Po 487559
Po 486833
Airbase
160 ac.
103 ac.
3.42 ac.
1.85 ac.
0.96 ac.