010

REPORT

ON

GEOLOGICAL MAPPING, GEOCHEMICAL SAMPLING,

PROSPECTING, STRIPPING, AND CHIP SAMPLING

SEESEEP LAKE PROPERTY

DISTRICT OF KENORA, PATRICIA MINING DIVISION

NORTHWESTERN ONTARIO

53B/15 NW

FOR

POWER EXPLORATIONS INC.

July, 1987

Jon W. North, B.Sc.

TABLE OF

0100

TABLE OF CONTENTS (Cont'd)

APPENDICES

LIST OF DRAWINGS

1.0 SUMMARY

Two significant zones of shear zone hosted gold mineralization have been outlined on the Seeseep Lake Property by a comprehensive surface geological/geochemical exploration program. These zones are traceable in overburden covered areas by moderate to strong VLF-EM signatures.

The northernmost shear zone contains up to 1,650 ppb gold over 1.3 feet at 11+00E,10+00N. the zone is traceable in outcrop for 160 feet and is associated with a 2,000 foot long VLF-EM conductor axis. The southern zone contains up to 995 ppb gold from a grab sample at 2+00W,9+75S, and is associated with a 4,000 foot long VLF-EM conductor axis. This is probably the zone which was sampled by O.G.S. staff in 1984 yielding a gold assay of 4,630 ppb.

Numerous unexposed shear zones similar to the above are inferred from the property geophysics.

A two phase exploration program is recommended for the property consisting of limited B horizon soil geochemical sampling and prospecting in Phase I, followed by approximately 2,000 feet of diamond drilling in Phase II. The estimated all inclusive cost of Phase I and II combined is $80,500.00.

2.0 INTRODUCTION

This report describes the results of a comprehensive geological/geochemical surface exploration program which was carried out on the Seeseep Lake property of Power Explorations Inc. in May, 1987 (Fig. 1). Geological mapping at 1 inch to 400 feet, prospecting, lithogeochemical sampling, trenching/stripping and channel sampling, and orientation soil geochemistry were carried out on the property. A Wajax fire pump was used to strip off all mineralized outcrops prior to chip sampling.

The exploration was carried out by Geocanex Ltd. of Toronto between the dates of May 10 and May 31, 1987. A four man crew consisting of two geologists and two assistants was on site between the dates of May 17 to May 31 inclusive.

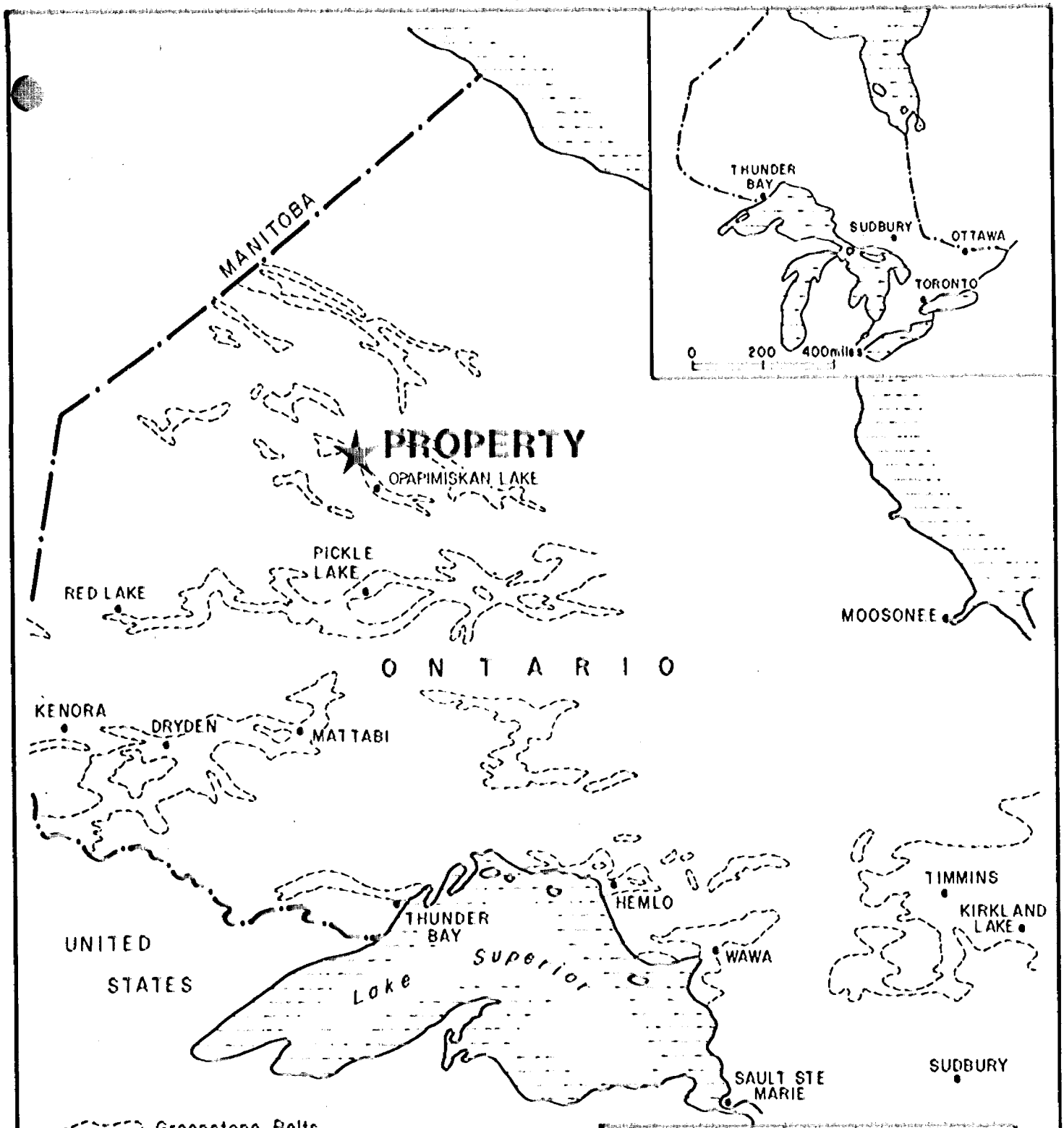
An additional 16 rock samples were collected from sheared mafic volcanics along the east side of the channel between Seeseep and Kyapamikama Lakes. The purpose of this sampling was to follow up on the anomalous Au values obtained from the samples collected in May.

Paul Newman (geologist) and Chris Burk (Field Assistant) carried out this sampling on July 23, 1987 from the Geocanex camp on Opapimiskan Lake.

All of the work was done using a cut picket line grid with a central east-west trending baseline and perpendicular crosslines every 400 feet.

The personnel involved in the work were:

J. North	Geologist/Party Chief	Windsor, Ontario
P. Newman	Geologist	Windsor, Ontario
S. Leonardelli	Field Assistant	North York, Ontario
K. Wright	Field Assistant	Scarborough, Ontario



POWER EXPLORATIONS INC.

SEESEEP LAKE PROPERTY

Patricia M.D., Ontario

LOCATION MAP

SCALE: 1"=100mi		BY: H.H./R.T.M
FIG. No: 1		DATE: JULY 87

REGISTERED PROFESSIONAL ENGINEER
DODGE
PROVINCE OF ONTARIO

The time breakdown for the work performed in man-days is as follows:

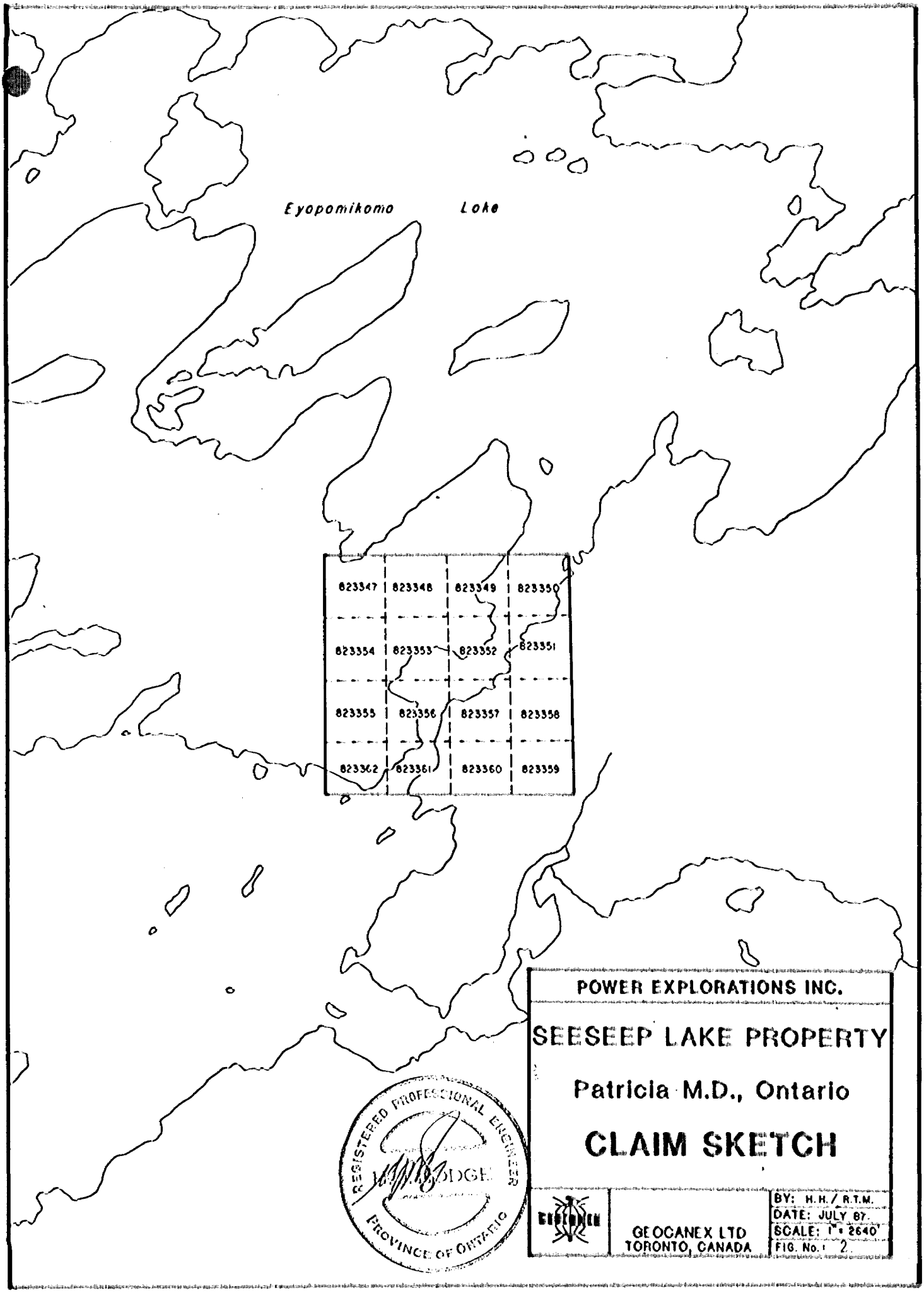
Office Work/Assessment Research	19
Mapping	24
Prospecting	13
Stripping/Chip Sampling	22
Soil Sampling	1
Report Writing/Drafting	2
Total Man-days	81

Grab samples of all quartz veins, shear zones, and mineralized rock were collected during the course of the mapping and prospecting. Mineralized zones, and representative samples of wall rock, were collected by chip sampling through trenched or stripped areas. All areas of stripping and chip sampling were mapped at 1 inch to 20 feet or 1 inch to 10 feet, and are included with orientation soil geochemistry profiles in the text (Fig's. 4-8).

A geological map of the property is included in the back of the report (Drawing No. 1). All rock sample descriptions and analyses are included in Appendix A. Soil sample analyses are included in Appendix B.

3.0 PROPERTY DESCRIPTION

The property consists of 16 contiguous mining claims located between Seeseep and Eyapamikama Lakes (Fig. 2). The claims are recorded on the Ministry of Natural Resources Seeseep



POWER EXPLORATIONS INC.

SEESEEP LAKE PROPERTY

Patricia M.D., Ontario

CLAIM SKETCH

GEOCANEX LTD
TORONTO, CANADA

BY: H.H. / R.T.M.
DATE: JULY 87.
SCALE: 1" = 2640'
FIG. No.: 2

Lake claim sheet (G-2204), Patricia Mining Division, District of Kenora. The claim numbers and recording dates are as follows:

Claim Numbers	Recording Dates
Pa 823347 to 823362 inclusive (16)	April 2, 1985

The claims are currently held under a joint venture agreement by Power Explorations Inc. from Moss Resources Ltd., both of 1003-34 King Street East, Toronto, Ontario, M5C 1E5.

4.0 LOCATION, ACCESS AND SERVICES

The property is located approximately 105 miles north-northwest of Pickle Lake, 180 miles northeast of Red Lake, and 24 miles east of Weagamow Indian Reserve No. 87. Access to the property is made by float or ski-equipped fixed wing aircraft, or by helicopter from Pickle Lake or Weagamow Lake. Highway 808, an all-weather gravel road from Pickle Lake to Windigo Lake is located 40 miles south of the property. Recently, a winter road was constructed from Highway 808 to the Musselwhite gold deposit located 30 miles to the southeast.

Groceries and general mining and construction supplies may be obtained in Pickle Lake.

5.0 PREVIOUS WORK

Ontario Provincial Government reconnaissance geological mapping by Satterly (1939) at 1 inch to 1 mile, Bartlett et al. (1985) at 1 inch to 1/2 mile, and an airborne magnetic and electromagnetic survey (1986) constitute the only recorded work on the property to date.

In 1972, Canadian Nickel Company Ltd. staked four claims southeast of the property. These claims may have covered the southern parts of Pa 823360 and 823359. A 156 foot x-ray drill hole was collared at -45°, 800 feet from the southeast corner of the property at an azimuth of 180°. Nineteen feet of talcose altered ultramafic schist were intersected within a sequence of andesite flows and andesite to dacite tuffs, no assays were reported.

Reconnaissance mapping by O.G.S. staff in 1984 (Bartlett et al., 1985) resulted in the discovery of two areas of anomalous gold mineralization on the property which are hosted in sheared volcanics, and quartz veins with sulphide-carbonate mineralization. A shear zone on the shoreline in the south central part of the property assayed 4,630 ppb (.14 ounces per ton) gold and 605 ppb gold from sheared volcanics with quartz veins with sulphides. A second showing in the east-central part of the property ran 180 ppb and 120 ppb gold from a sheared quartz vein with chlorite/carbonate and sulphides in mafic volcanics.

6.0 PHYSIOGRAPHY AND VEGETATION

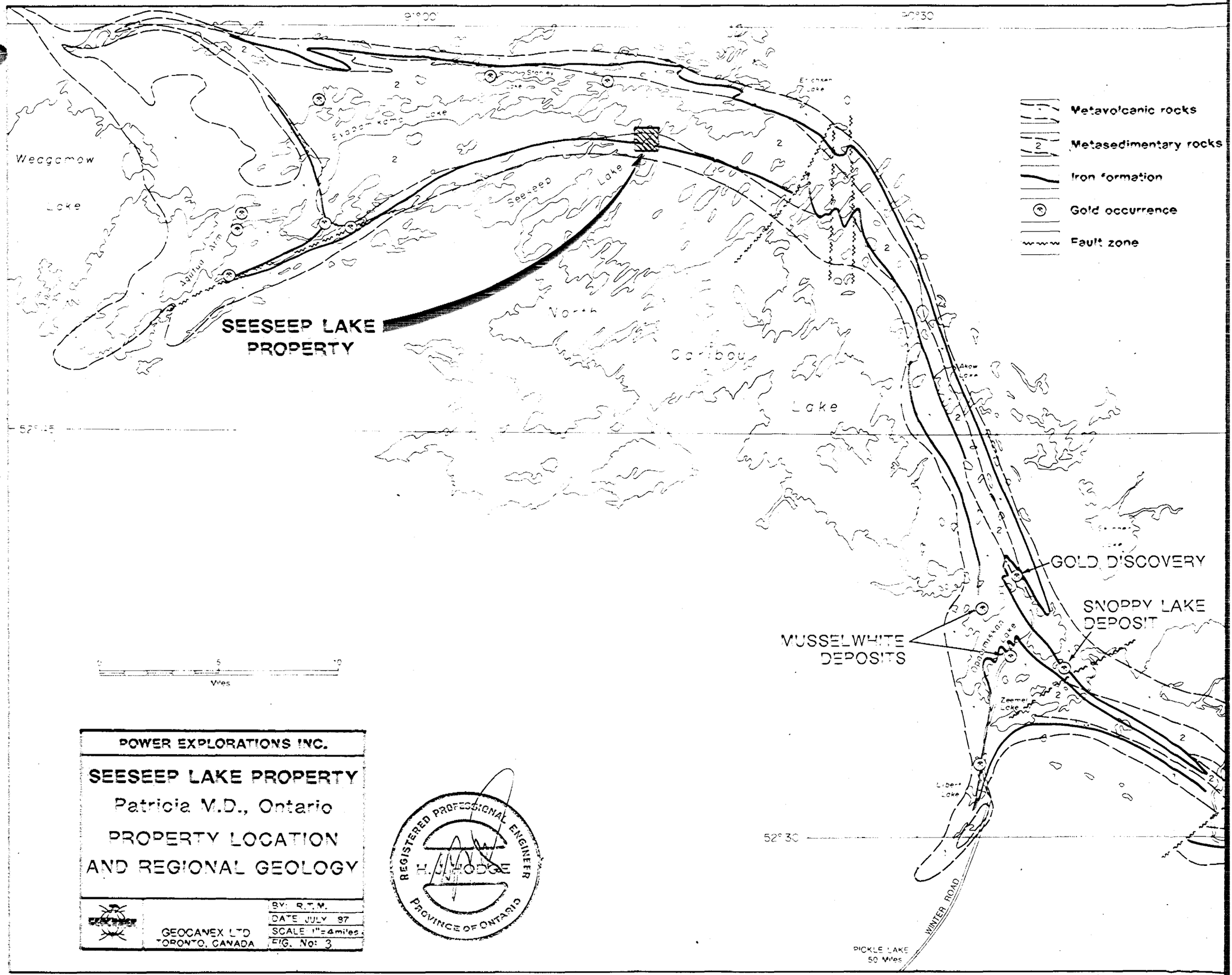
The property is centered on a 300 to 800 foot wide channel connecting Seeseep with Eyapamikama Lake, consequently approximately 25% of the property is covered by water. The rest of the property is covered be heavy deadfall and second generation hardwood and spruce forest on a thick mantle of glacial sand and boulders forming longitudinal esker mounds trending northeast-southwest.

Outcrop is abundant along the lake channel in the central part of the property, and is also exposed continuously along an east-west trending ridge 400 feet wide from the lake channel for 2,000 feet to the west border of the property between 10+00S and 14+00S. A few small outcrops elucidate the mafic volcanic-sedimentary contact in a small bay from Eyapamikama Lake in the northwest corner of the property.

7.0 REGIONAL GEOLOGY

The Seeseep Lake property is located in the south-central portion of the Weagamow-Eyapamikama-Opapimiskan Lakes greenstone belt. Due to the relative remoteness of the area, the belt has not been extensively worked by mining and exploration companies. Most of the available geological information on the area is from government funded geological/geophysical surveys (Fig. 3).

The belt forms part of the Sachigo Subprovince which is composed of several small, irregularly-shaped sequences of supracrustal rocks. The rocks in this subprovince are evolutionarily distinct and probably older than the rocks in the Uchi and Wabigoon subprovinces to the south (Bartlett



POWER EXPLORATIONS INC.

SEESEEP LAKE PROPERTY

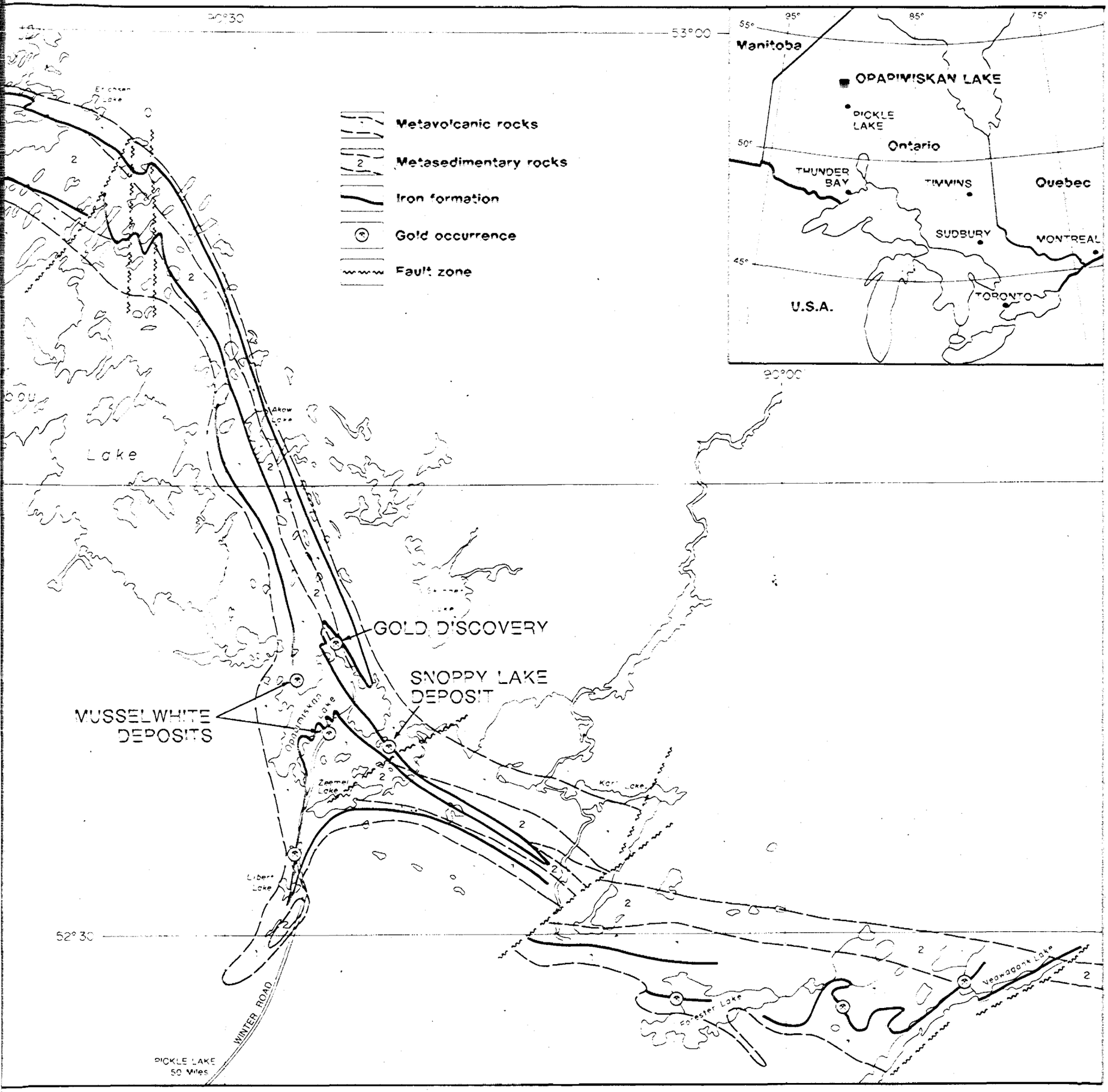
Patricia M.D., Ontario

PROPERTY LOCATION AND REGIONAL GEOLOGY

GEOCANEX LTD
TORONTO, CANADA

BY: R.T.M.
DATE JULY 87
SCALE 1"=4miles.
FIG. No: 3

REGISTERED PROFESSIONAL ENGINEER
H. J. LODGE
PROVINCE OF ONTARIO


Metavolcanic rocks
Metasedimentary rocks
Iron formation
Gold occurrence
Fault zone
GOLD DISCOVERY
SNOPPY LAKE DEPOSIT
MUSSELWHITE DEPOSITS
WINTER ROAD
PICKLE LAKE 50 Miles
Manitoba
OPAPIMISKAN LAKE
PICKLE LAKE
Ontario
THUNDER BAY
TIMMINS
Quebec
SUDBURY
MONTREAL
TORONTO
U.S.A.
53°00
52°30
90°00
95°
85°
75°
55°
50°
45°

et al., 1985). The belt forms an arcuate, horn-shaped assemblage of metavolcanic and metasedimentary rocks which have been synclinally folded about an axis approximately coincident with Eyapamikama Lake (Satterly, 1939). The syncline is rimmed by mafic volcanics on the north and south, and filled with trough, cross stratified, epiclastic accumulations in the axial portion. Two fairly continuous bands of iron formation and chemical sediments mark the contacts between the volcanics and sediments (Bartlett et al., 1985). Regional geological maps indicate that the belt is bounded by paragneiss and migmatized rocks in the north, and felsic intrusives in the west and south (Map 2292, Big Trout-North Caribou Lake).

The entire belt extends from Weagamow Lake in the northwest to Opapimiskan Lake in the southeast. South of Opapimiskan Lake, the belt bifurcates into two major lobes; one lobe extending south through Libert Lake, the other through the Forester and Neawagank Lakes areas.

8.0 PROPERTY GEOLOGY

8.1 General Description

The property is underlain principally by an east-west trending sequence of pillowed to massive mafic volcanic flows. The flows are often medium to coarse grained and exhibit discordant gabbroic segregations which represent coarse grained flow centres or comagmatic subvolcanic basalt feeder zones. These segregations are non-magnetic and do not contain any significant sulphide partitioning which might indicate that they are part of a younger, hydrothermally active, magmatic event.

Sheared bands of approximately stratiform, cherty, calcareous, micaceous sediments, occur intermittently throughout the volcanic sequence. These units are always highly deformed and over-printed by the regional slatey, S_1 cleavage, and probably represent narrow accumulations of ash, chert, and carbonate which were preferentially sheared during regional folding of the greenstone belt.

Finely laminated to massive siltstone and arkose of the Eyapamikama Lake metasedimentary sequence outcrop for approximately 500 feet across strike in the northern part of the property.

The mafic volcanics are bounded off property to the south by younger granitoid intrusive and metamorphic rocks of the North Caribou Lake Batholith (Breaks et al., 1984).

8.2 Volcanics

Pillowed basalt flows underlie approximately 90% of the property. The pillows may have length to width ratios of 2:1 but are normally highly stretched out and rotated into S_1 to give length to width ratios greater than 5:1. Many of the pillow keels are too stretched out to determine the younging direction. The rock is fine grained, granular, dark to light green, and is composed of 30-40% plagioclase and 60-70% dark green aphanitic mafic minerals which have altered to chlorite. The flows are often highly jointed and contain rusty sericitic joint planes. A few epidote segregations were noted in the pillows and pillow selvages, however, the flows are generally non-vesicular and homogeneous.

A 500 foot thick band of light green andesite outcrops in the central part of the property. This band of rock is a little lighter in colour than the basalt and contains larger pillows.

8.3 Sediments

Numerous cherty micaceous tuff horizons were found intercalated with the basalt flows. These sediments form beds an inch or less wide, to over two feet wide, and commonly contain between 1-7% disseminated pyrite and pyrrhotite grains and stringers. These sediments weather to a deep red-brown colour and are composed of feldspathic/ sericitic buff coloured tuff, interbedded with grey-black chert beds. Sulphides may have been remobilized from primary stratiform lamellae into the unit to give the stringer texture observed in the field. The largest of these units outcrops at 6+00W,14+30S (Fig. 5). This horizon was traced continuously in outcrop for 2,000 feet.

Cherty iron formation outcrops on the shoreline at L4E,5+90S. The outcrop consists of 4 or 5 thin chert beds one foot thick or less, hosted in pillowed basalt. A trace of magnetite and disseminated pyrite was noted in the chert (Fig. 7).

An interesting chemical sedimentary unit outcrops on the shoreline at 11+00E,10+00N (Fig. 4). The outcrop exposes 6 to 8 feet of cherty chlorite-iron carbonate schist which is conformable with the hosting mafic volcanics. The composition and stratigraphy of the zone is complex but varies very little along strike. The sediments consist of a melange of well banded chert, chlorite, and sericite schist containing chert breccia (or quartz lithic conglomerate?) with an iron carbonate-chlorite schist cement. The

carbonate-rich portions of the unit are crosscut by fine quartz stockworks, and the chloritic portions of the zone, which may be as thick as 0.4 feet, contain up to 10% disseminated fine grained pyrite and pyrrhotite.

The entire unit has been intensely sheared and is hosted in highly sheared mafic volcanics.

Several .5 foot to 1 foot wide boudinaged felsic volcaniclastic horizons were mapped on the property, but these are a rather insignificant component of the stratigraphy.

8.4 Intrusives

A few glassy, aphanitic, orange to buff weathering aplite dykes and sills were observed near the southern border of the property. These are probably marginal phases of the North Caribou Lake granite. These intrusives are generally 2 to 3 feet wide and composed of 70-80% very fine grained quartz with minor potassium feldspar, limonite, and 2-3% biotite and muscovite.

The intrusives are commonly highly fractured and contain trace to .5% pyrite and 2-3% calcite. The wall rock is usually highly sheared and altered to chlorite-epidote and carbonate, and may contain a few quartz stringers on either side of the dykes.

Quartz veins intrude all lithologies on the property. Most of the veins are a few inches to one or two feet wide and follow zones of shearing in the east-west trending cleavage. A few strong looking veins cutting the stratigraphy at high angles were sampled, but most of the veins

veins consist of white bull quartz with trace -1% calcite and trace pyrite.

8.5 Structure

The property is located on the south limb of a large upright syncline which, in this area of the greenstone belt, is an isoclinal east-west trending fold. The axis of the syncline approximately follows the long axis of Eyapamikama Lake. The geology of the Seeseep Lake property supports this interpretation of the belt.

Bedding (S_0) in the volcanics and sediments trends 098 and dips 80° to 85° north, however, a number of south dipping beds were observed indicating that small flexures are present in the regional stratigraphy which has resulted in the formation of numerous paired syncline-anticline couples with the south limbs of the synclines overturned to the south.

S_0 in the volcanics and sediments is rotated into a penetrative slatey axial planar cleavage (S_2) which trends 099 and dips 80° to 85° north. Stretching lineations, F_1 folds, and boudin necking lines plunge 70° to 80° west in the plane of S_2.

A younger deformation (D_2) is locally evident on the property, but is not as obvious as the D_2 event. A few "Z" folds and disharmonic buckle folds were observed re-folding the D_1 cleavage. These folds trend 075 to 085 and plunge 65° to 75°.

A very distinct set of dextral faults, with displacements of a few inches to a few feet, were noted on nearly all outcrops. These faults trend 130 to 150 and dip 75° to 85° southwest.

9.0 ECONOMIC MINERALIZATION

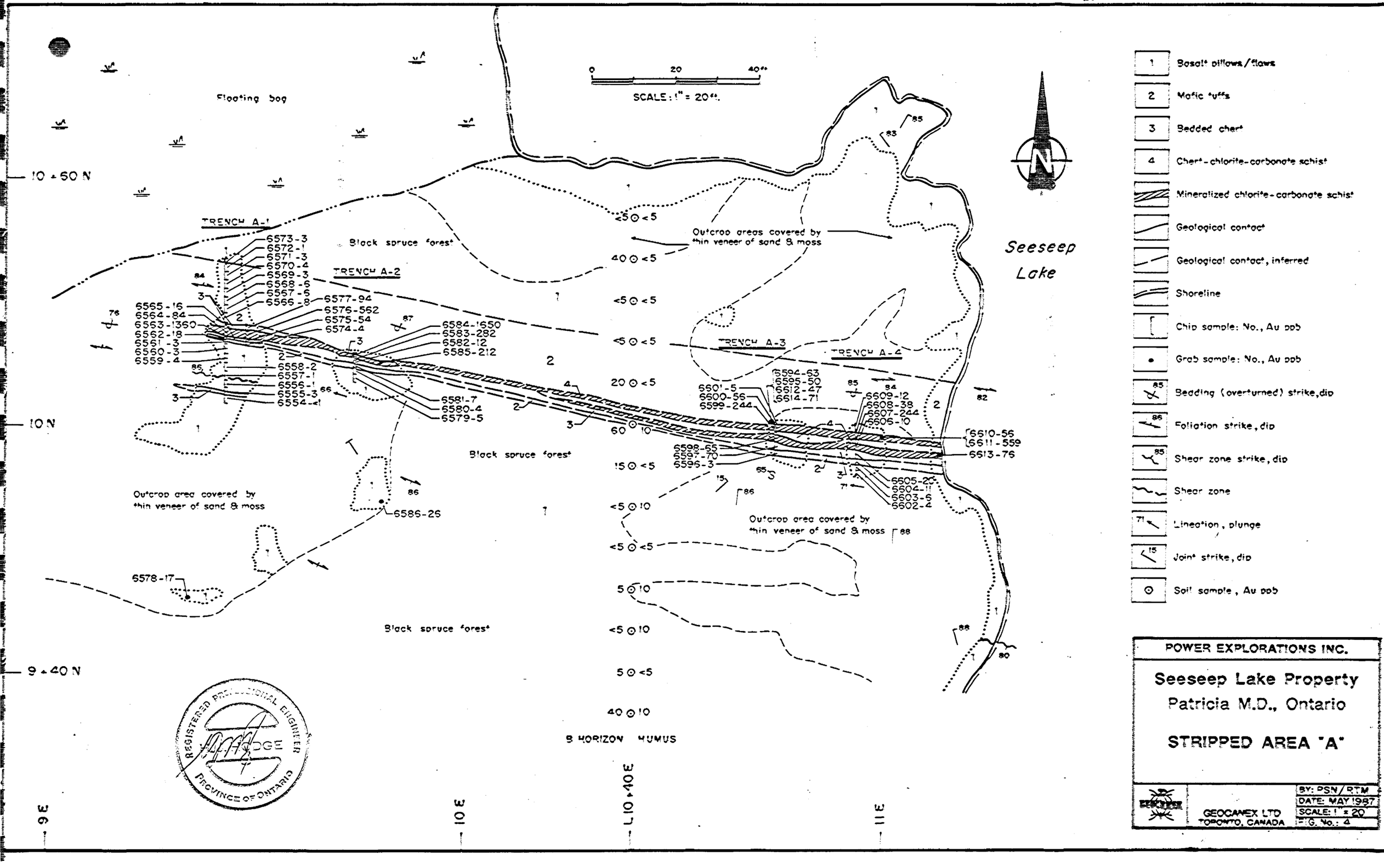
The salient features of gold mineralization on the property are described below.

9.1 Detail Area A

The highest gold values on the property were discovered in this zone near 11400E,10400N (Fig. 4). A brecciated and sheared band of cherty, chloritic, calcareous chemical sediments is exposed for 160 feet along the zone. Gold mineralization of 1,360 ppb Au over 1.0 feet, 1,650 ppb Au over 1.3 feet, 562 ppb Au over 2.0 feet and 559 ppb Au from a grab sample were obtained from this zone. The best value in ounces per ton translates to approximately .05 ounces gold per ton over 1.3 feet. These samples were collected from chlorite-carbonate schist interbeds hosted in a chert and chert breccia horizon containing up to 10% fine grained disseminated pyrite and pyrite-pyrrhotite stringers with a trace of arsenopyrite.

9.2 Detail Area B and C

A number of cherty tuff horizons containing up to 5-7% pyrite and pyrrhotite were found on the property. The widest and most continuous bed is exposed in this zone (Fig's 5 & 6). No anomalous gold values were obtained from the mineralized tuff, however, an anomalous gold value of 48 ppb was obtained from a grab sample of epidote-pyrite mineralization in basalt from this area.



1 Basalt pillows / flows
2 Mafic tuffs
3 Bedded chert
4 Chert - chlorite - carbonate schist
Mineralized chlorite - carbonate schist
Geological contact
Geological contact, inferred
Shoreline
Chip sample: No., Au ppb
Grab sample: No., Au ppb
Bedding (overturned) strike, dip
Foliation strike, dip
Shear zone strike, dip
Shear zone
Lineation, plunge
Joint strike, dip
Soil sample, Au ppb

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO

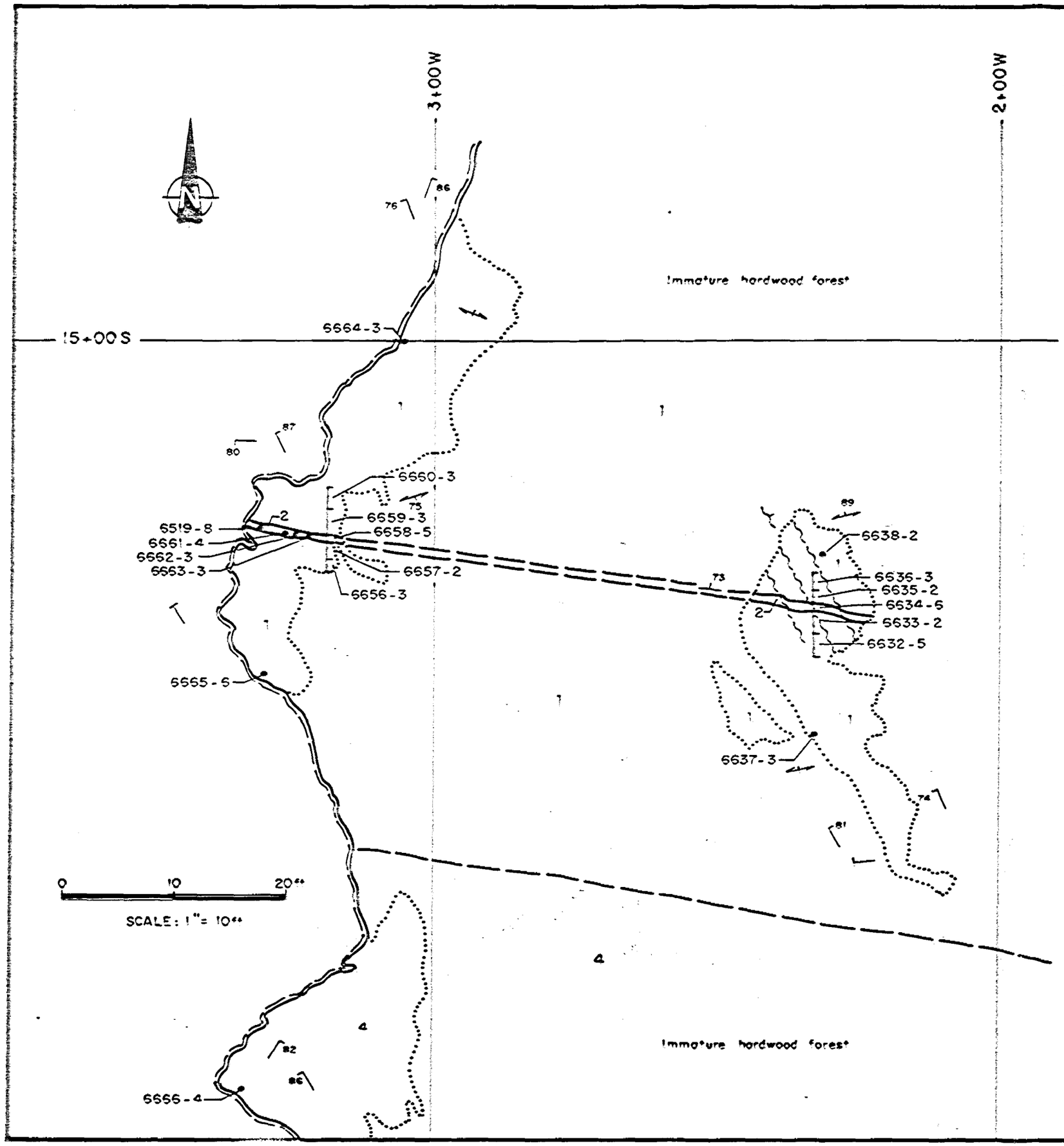
POWER EXPLORATIONS INC.

Seeseep Lake Property
Patricia M.D., Ontario

STRIPPED AREA "A"

GEOCANEX LTD
TORONTO, CANADA

BY: PSN / RTM
DATE: MAY 1987
SCALE: 1" = 20'
FIG. No.: 4



1 Basalt flow

2 Cherty felsic tuff with sulphide mineralization

4 Gabbro

Geological contact

Geological contact, inferred

Shoreline

Chip sample: No., Au ppb

Grab sample: No., Au ppb

Bedding strike, dip

Foliation strike, dip

Shear zone strike, dip

Shear zone

Joint strike, dip

REGISTERED PROFESSIONAL ENGINEER
A.M. LODGE
PROVINCE OF ONTARIO

POWER EXPLORATIONS INC.

Seeseep Lake Property
Patricia M.D., Ontario

STRIPPED AREA "C"

GEOCANEX LTD
TORONTO, CANADA

BY: PSN/RTM
DATE: MAY 1987
SCALE: 1" = 10'
FIG. No.: 5

9.3 Detail Area D

Seven grab samples of cherty iron formation were sample on this outcrop (Fig. 7). None of the samples contained more than a trace of sulphides, and no anomalous gold values were discovered.

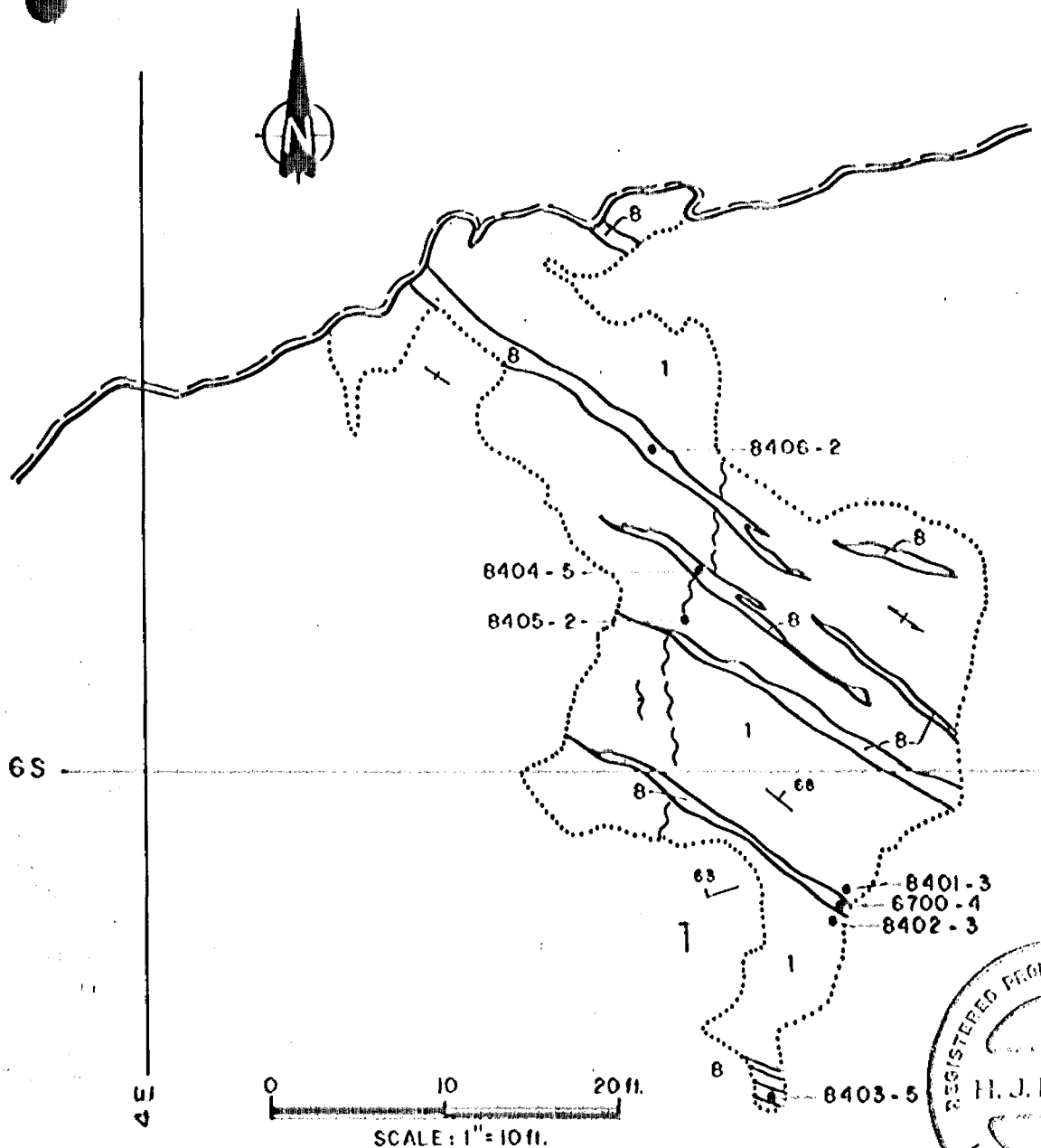
9.4 Shear Zone Hosted Gold Mineralization

Five anomalous gold values of 995 ppb, 454 ppb, 104 ppb, 36 ppb, and 366 ppb were obtained from a shear zone system which was traced intermittently in outcrop for 1,400 feet on the property.

Sample 2382, 6516 and 8407 ran 995 ppb Au, 454 ppb Au, and 104 ppb Au respectively. These samples were collected from narrow sheared micaceous horizons containing disseminated pyrite and quartz stringers in the basalt host rocks on the east side of the lake channel between 9+30S and 9+75S, and are thought to be in the same location as the samples taken by the O.G.S. in 1984 which ran 4,630 ppb Au (.14 ounces Au per ton) and 605 ppb Au. An 8 to 10 foot wide shear zone on the west side of the channel at 8+00S, on L8W ran 36 ppb Au and appears to be along strike from sample 6516. Finally, sample 6683, located along strike from the previous three shear zone related samples, contained 360 ppb gold. This sample is from 16+50W,4+50S, 1,400 feet west of sample 6516. The shear zone trends 102/79S and may represent a significant zone of gold mineralization.

9.5 Soil Geochemistry

Lines of orientation soil geochemical samples were collected over two selected areas of the property, and are shown on



REGISTERED PROFESSIONAL ENGINEER
H. J. HODGE
PROVINCE OF ONTARIO

1 Basalt flow	68 Bedding strike, dip
8 Lean banded Iron Formation	Foliation strike, dip
Geological contact	Shear zone strike, dip
Shoreline	Shear zone
Grab sample: No, Au ppb	Joint strike, dip

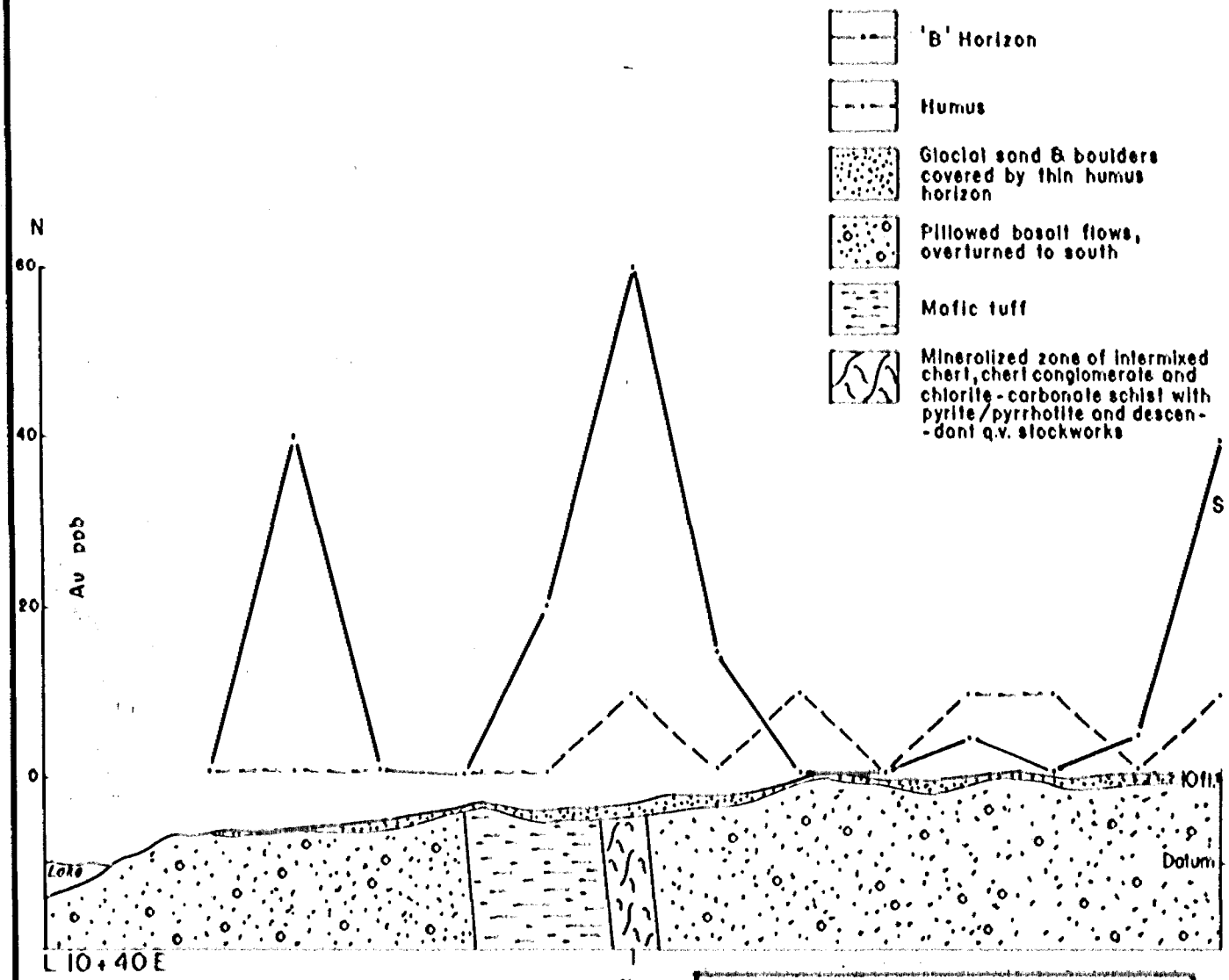
POWER EXPLORATIONS INC.

Seeseep Lake Property
Patricia M.D., Ontario

STRIPPED AREA "D"

GEOCANEX LTD
TORONTO, CANADA

BY: PSN/RTM
DATE: MAY 1987
SCALE: 1" = 10'
FIG. No.: 7



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PROVINCE OF ONTARIO

POWER EXPLORATIONS INC.

Seeseep Lake Property
Patricia M.D., Ontario
DETAIL AREA "A"
Orientation Soil Geochem.

GEOCANEX LTD
TORONTO, CANADA

BY: JN/RTM
DATE: June 1987
SCALE: as shown
FIG. No.: 8

Figures No. 4, 5 and 8. The orientation humus survey in Detail Area B was not profiled because the bedrock did not contain gold. Thirteen samples each of humus and B horizon were collected over the auriferous chlorite-carbonate-chert band in Detail Area A. The profiled results are shown in Figure 8. The humus gold content was low and erratic over the zone and is not an effective secondary medium for detecting auriferous bedrock in this area. B horizon soils worked well over the zone and peaked at 60 ppb Au over the sulphide rich part of the zone. This would be the recommended soil sampling medium on the property.

9.6 Multi-Element Geochemistry

Seventeen rock samples from Detail Areas A, B, and the shear zone discussed in Section 9.4, were analyzed for gold plus 17 trace elements, in order to correlate enrichments in other elements (notably Cu-Pb-Zn-As-Ag) with the samples containing anomalous concentrations of gold. Several samples of mineralized rock, without anomalous gold contents, were also paralyzed for trace elements in order to determine their base metal and silver contents. The analytical results are listed in Appendix B, and are briefly discussed below.

Detail Area A: Enrichments of Cu-Zn-Pb-As and Mn were recorded with samples 6563, 6564 and 6584. These samples contain between 85 ppb and 1650 ppb gold. Although the base metals are elevated with respect to the hosting basalt in this zone, they are not present in economic concentrations, but may be used as trace elements indicative of this type of gold mineralization in soil or basal till geochemical sampling.

Detail Area B: Five samples were analyzed for trace elements from this area. None of the samples contained significant quantities of gold. Samples 6542 and 6616 contained elevated Cu and Zn relative to the basaltic host rock, however, these elements are not present in sufficient quantity to warrant further investigation of the unit.

Five samples from the shear zone related gold mineralization discussed in Section 9.4 were analyzed for trace elements. Sample 6516 contained 454 ppb gold and is associated with slightly elevated Cu-Zn-As-Pb-Ba with respect to the basaltic host rocks. This sample contained the highest gold value along the zone, and the highest silver value (2.4 ppm) as well. These enrichments are not consistent along the zone, and no further analyses are recommended.

10.0 GEOPHYSICAL SUMMARY

A detailed description of the property geophysics is given by Hodge (1986).

The property magnetics are characterized by narrow, somewhat discontinuous bands of magnetic highs which follow the trend of the volcanic stratigraphy. At least one of these is known to be caused by magnetic iron formation, and a second band is shown on Drawing No. 1, and is inferred from the geophsyics. Individual readings range up to 3,000 gammas but the property magnetics is generally low. Minor flexures are present in the magnetic trends which may indicate minor faulting or folding.

At least 15 conductive zones were delineated by the VLF-EM survey. Two of these are coincident with magnetic ridges and are caused by conductive iron formation. Folding and shearing are indicated by a number of conductors which are transgressive to the property stratigraphy.

The sulphide zone in Detail area A (Fig. 4) is approximately coincident with VLF-EM anomaly J, which is a moderate to strong VLF-EM conductor with an on property strike length of nearly 2,000 feet.

The shear zone sampled in samples 6516 and 2302, which ran 454 ppb and 995 ppb, and contained minor disseminated pyrite, is coincident with VLF-EM anomaly C. This is a moderate conductor with an on property strike length of over 4,000 feet. Samples 8407, 6541, and 6683 which contained 104 ppb, 36 ppb, and 360 ppb gold respectively, were also taken from shear zones along this conductor.

Sulphide bearing auriferous shear zones appear to be geophysically anomalous on the property, and may prove to be exceptionally useful in later diamond drilling.

11.0 CONCLUSION

The Seeseep Lake property is underlain by a thick sequence of pillowed mafic volcanic flows. Numerous quartz veins and shear zones crosscut the volcanic stratigraphy, and at least 15 conductive zones delineated by the VLF-EM survey are present on the property.

Significant gold mineralization occurs in two areas of the property VIZ: a brecciated and sheared band of cherty chloritic/calcareous chemical sediments at 11+00E,10+00N which contained up to 1,650 ppb gold (.05 ounces per ton) over 1.3 feet, and a laterally extensive inferred zone of shearing which was traced intermittently in outcrop from 2+00W,9+75S to 16+50W,4+50S which contained up to 995 ppb gold. These shear zones are geophysically anomalous and may be traceable through areas of poor exposure.

Further exploration is warranted to test the extent of known gold mineralization at depth, and to explain the bedrock cause of the numerous VLF-EM conductors on the property, which may be due to conductive auriferous sulphide mineralization in east-west trending shear zones.

12.0 RECOMMENDATIONS

A two phase exploration program is recommended for the property. This program would involve limited B horizon soil geochemical sampling and prospecting in Phase I, and diamond drilling in Phase II.

12.1 Phase I

B horizon soil geochemical sampling and prospecting over VLF-EM conductors C and J. Prospecting and stripping should also be carried out along VLF-EM conductors O, H. and G.

12.2 Phase II

Diamond drilling is required to test the grade of gold mineralization in conductors C and J at depth and along strike subsequent to Phase I. Diamond drilling will also be required contingent upon the results of Phase I prospecting along conductors O, H and G.

13.0 ESTIMATED COST OF RECOMMENDED PROGRAM

13.1 Phase I

Soil Geochemical Sampling: Approximately 250 samples for gold analysis at $15/sample all inclusive	$ 3,750.00
Prospecting and Stripping: Two men for 10 days at $500/day all inclusive	$ 5,000.00
Contingency 20%	$ 1,750.00
Total Estimated Cost of Phase I	$10,500.00

13.2 Phase II

Diamond Drilling: An estimated 2,000 feet of diamond drilling at $35/foot all inclusive	$70,000.00
Contingency 20%	$14,000.00
Total Estimated Cost of Phase II	$84,000.00
Total Estimated Cost of Phase I and II	$94,500.00

Respectfully submitted,

Jon W. North, B.Sc.
Geocanex Ltd.

12.0 REFERENCES

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APPENDIX A

CERTIFICATE OF QUALIFICATIONS

CERTIFICATE OF QUALIFICATIONS

THIS IS TO CERTIFY THAT:

I have been a resident of Ontario since 1965.

I am a graduate of The University of Western Ontario, London, Ontario, with an Honours B.Sc. (1984) in geology.

I have been actively involved in the Canadian mining and exploration industry in Ontario as a student from 1981 to 1983, and have been a contracting geologist since May, 1984.

I am a member of the Canadian Institute of Mining and Metallurgy and of the Prospectors and Developers Association of Canada.

I have worked in the Pickle Lake area of Northwestern Ontario since May, 1984.

This report is based on field observations made by the author, and on a comprehensive study of all the available Ministry of Natural Resources assessment work records, and published geological maps and literature of importance to the area described in this report.

In this report, I have disclosed all relevant material, descriptive and interpretive, which is to the best of my knowledge, necessary to gain a complete understanding of the viability of the project and the recommendations.

DATED THIS 22 DAY OF September, 1987

Jon W. North, B.Sc.
Geologist

APPENDIX B

ROCK SAMPLE ASSAYS AND DESCRIPTIONS

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
NSL-2	6501	L4E, 6+00S	Cherty boudin in mafic, trace sulphide, carbonate.	.008 oz/t
NSL-3	6502	4+30E, 5+70S	Sheared basalt, sericite, limonite, minor quartz augen.	<.001 oz/t
NSL-8	6503	8+20E, 3+80S	4-6" q.v. Parallel to S_1, minor limonite, carbonate, glassy quartz.	.001 oz/t
NSL-9	6504	9+40E, 5+00S	1-2' q.v. bull q.v. with rusty selvage, .5% py.	<.001 oz/t
NSL-10	6505	9+15E, 5+00S	6" to 1-1/2 ' q.v. as per 6504.	<.001 oz/t
NSL-11	6506	9+40E, 4+90S	As per 6504, trace -.5% py, trace -.5% cpy.	.002 oz/t
PS-1	6507	LO, 12+50S	Sheared felsic tuffs, trace disseminated pyrite.	.009 oz/t
PS-2	6508	LO, 12+60S	Gossan zone in tuffs as per 6507.	.002 oz/t
PS-3	6509	1+80E, 15+00S	1.5" discontinuous concordant q.v. in basalt pillows, limonite, no visible sulphides.	<.001 oz/t
NSL-17	6510	L8E, 6+40S	6" q.v. perpendicular to S_1, minor limonite, glassy.	<.001 oz/t
NSL-18	6511	13+60E, 17+80S	Character sample of basalt, minor quartz well foliated.	.001 oz/t
NSL-19	6512	19+00E, 18+20S	QFP boudin, 1-2% fine grained pyrite.	<.001 oz/t
NSL-20	6513	18+50E, 18+00S	Quartz-epidote mylonite zone, minor pyrite.	<.001 oz/t
NSL-23	6514	12+50E, 2+80N	S.Z. in mafic volcanic, no quartz, trace pyrite.	<.001 oz/t
PS-6	6515	LO, 10+30S	1/2" rusty q.v. clear, discordant, minor limonite.	81
PS-7a	6516	2+00W, 9+75S	S.Z. in felsic tuffs, 1% pyrite.	454

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
PS-9	6517	2+45W, 13+30S	1 1/2" concordant, q.v. milky, trace disseminated pyrite.	50
PS-10	6518	3+75W, 14+90S	1 1/2 to 2" clear, concordant, q.v. limonite, minor cc.	19
PS-11	6519	3+15W, 15+17S	Sheared cherty tuffs, minor pyrite, cc.	8
PS-12	6520	13+70E, 4+00N	6" S.Z., chloritic, trace disseminated pyrite.	3
KSS-1	6521	11+00W, BLO	3-8" q.v.	3
KSS-2	6522	3+00E, 5+00S	4-8" q.v. trace sulphides.	2
KSS-3	6523	1+00W, 6+20S	4" q.v.	4
KSS-4	6524	4+00E, 5+50S	12" q.v.	11
KSS-5	6525	6+00E, 4+50S	12" q.v.	1
KSS-6	6526	7+50E, 4+20S	5" q.v.	1
KSS-7	6527	10+50E, 6+50S	5" q.v.	2
KSS-8	6528	9+00E, 3+50S	Quartz rich volcanic, minor pyrite.	2
KSS-9	6529	10+00E, 5+00S	4" q.v.	29
KSS-10	6530	8+20E, 5+10S	4-16" q.v.	2
PS-15	6531	L11W, 0+00	2" wide cherty horizon, trace disseminated pyrite.	12
NSL-25	6532	27+70W, 11+00S	Fissile S.Z., rusty, minor 1-2" quartz blebs, .5% pyrite, cc in pillow basalts, 1' wide.	2

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
NSL-28	6533	23+40W, 9+00S	Slatey s.z. in pillow basalts, trace -.5% pyrite, minor quartz blebs, 1' wide.	3
NSL-29	6534	20+80W, 6+80S	Quartz-filled sericitic s.z. in gabbro, 2 1/2 - 3' wide, limonitic, chert(?)	2
NSL-33	6535	15+80W, 6+00S	6" q.v. in 1 1/2' s.z., very chloritic w.r. limonitic, cc - chloritic alteration in vein, 0.5% pyrite.	<1
NSL-34	6536	15+80W 6+00S	As per 6535, possibly same as O.G.S. showing.	2
PS-16	6537	L4E, 13+20N	Small 2"x 6" quartz infilling along pillow selvage, no visible sulphides.	13
PS-17	6538	L4W, 9+00N	1.5"x 6' Z-folded q.v., discordant to S_1 of fine-grained pillows.	3
NSL-38	6539	L8W, 8+00S	6-8" q.v. in sheared gabbro, minor limonite, pyrite, chloritic.	3
NSL-39	6540	L8W, 8+00S	Wall rock, sheared gabbro from 6539.	3
NSL-40	6541	L8W, 8+00S	Rusty s.z. or felsic-int. tuff disseminated limonite blebs, 8-10' wide.	36
NSL-41	6542	5+85W, 14+35S	1 - 1 1/2' wide s.z., 2-3% asp, 1% pyrite, trace cpy in fine disseminated grains and stringers.	15
NSL-42	6543	5+85W, 14+355S	As per 6542	13
PS-18	6544	8+40E, 8+00N	4" boudinaged q.f.p. in massive fine grained basalts, slightly discordant, 1% pyrite.	8
PS-19	6545	8+40E, 8+00N	Narrow, concordant s.z. in massive fine-grained basalts, <1% disseminated pyrite, minor cc.	4
PS-20	6546	8+45E, 8+05N	12" discordant undeformed Q.F.P. in basalt, pyrite.	2
PS-21	6547	9+15E, 9+20N	4' wide s.z. in massive fine-grained basalt, minor quartz infillings, trace pyrite.	3

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
NSL-44	6548	18+00W, 31+20N	Brownish-yellow silicious graded arkose.	14
NSL-45	6549	17+40E, 26+00N	Chloritized basalt, sheared (?)	3
NSL-46	6550	8+70E, 6+00N	Fine-grained andesite, .5% pyrite, massive flows, character.	2
NSL-47	6551	2+60E, 12+80N	1" q.v. in s.z. from basalt flows, trace limonite, pyrite, chlorite.	1
NSL-48	6552	4+80E, 12+80N	Angular q.v. float in fault scarp, chlorite, epidote, 0.5-1% pyrite.	2
NSL-49	6553	6+00E, 14+00N	Pillow basalt, trace pyrite, cpy, massive.	<1
PS-47	6578	9+67N, 9+33E	Character sample, fine-grained massive basalt, trace disseminated pyrite.	17
PS-54	6585	9+80E, 10+15N	Carbonate zone in Trench A2 with subordinate chert and chlorite schist, 5-7% pyrite in chlorite schist, minor po, asp.	212
PS-55	6586	9+80E, 9+86N	Character sample of pillow basalt, well foliated, fine-grained, trace dissemianted pyrite.	26
KSS-11	6587	1+00E, 5+00S	Quartz-cc stringer in chloritized mafic volcanics, disseminated cpy and other sulphides.	6
KSS-12	6588	1+00W, 6+00S	Quartz stringer in mafic volcanic, trace -0.5% sulphide.	3
PS-56	6594	10+73E, 9+99N	Banded chert intercalated with up to 15% sulphides, highly cc, minor S-folding.	63
PS-57	6595	10+73E, 9+99N	Ankerite (80%), minor quartz and chert to 5-7% asp and pyrite.	50
PS-73	6610	10+98E, 9+97N	Carbonate rich zone mostly chlorite schist/ pyrite with cc.	56
PS-74	6611	10+98E, 9+97N	Mostly chert to minor chlorite schist, cc, 1-3% pyrite.	559

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
PS-75	6612	10+75E, 9+99N	Ankerite, subconcordant chert, 1-3% pyrite and asp, locally sericitic.	47
PS-76	6613	11+13E, 9+92N	Ankerite, minor chlorite schist, quartz stringers, 1% pyrite.	76
PS-77	6614	10+75E, 9+99N	As per 6612.	71
NSL-59	6649	9+00W, 14+65S	2-3 feet, aplite sill, trace -.5 pyrite, 2-3% cc.	<1
NSL-60	6650	9+00W, 14+65S	Sheared basalt hosting aplite, 3-4% cc.	6
NSL-61	6651	9+20W, 14+60S	Aplite sills in sheared basalt, 1% sulphide.	6
NSL-62	6652	8+30W, 14+75S	5" cherty tuff bed, 5-7% pyrite.	4
KSS-13	6679	16+40W, 4+50S	10 cm tuff bed in basalt.	2
KSS-14	6680	16+50W, 6+00S	1-25 cm q.v.	6
KSS-15	6681	17+00W, 5+00S	Mafic volcanic and cherty tuff, trace pyrite.	7
SSL-01	6682	16+50W, 4+50S	Basalt, trace sulphide.	2
SSL-02	6683	16+50W, 4+50S	Basalt.	360
NSL-66	6684	26+00W, 11+30S	10" q.v., trace -.5% pyrite, trace -.5% cc.	7
NSL-67	6685	25+50W, 12+75S	6" to 1 1/2' q.v. discordant.	2
NSL-68	6686	L24W, 12+75S	Folded 1 foot aplite sill, spotty pyrite.	3
NSL-69	6687	23+75W, 12+60S	6" q.v., 1 - 2% pyrite in basalt.	<1
NSL-70	6688	22+80W, 12+60S	1 1/2' wide cherty tuff, 5-7% pyrrhotite/ pyrite.	4

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
NSL-71	6689	22+80W, 12+60S	As per 6688.	3
NSL-72	6690	19+10W, 8+60S	1 foot q.v., trace pyrite.	2
NSL-73	6691	13+30W, 8+80S	1 foot q.v., discordant.	1
NSL-74	6692	17+00W, 12+80S	6-8" cherty tuff, 5-7% pyrite/pyrrhotite.	11
SSL-03	6693	27+25W, 11+30S	20 cm cherty felsic tuff, as above.	25
SSL-04	6694	23+00W, 11+50S	1 m quartz-epidote zone in basalt.	8
SSL-05	6695	16+50W, 12+70S	30 cm cherty tuff, limonite.	2
KSS-16	6696	21+50W, 6+00S	Cherty tuff, pyrite/aspy?	10
KSS-17	6697	21+30W, 12+60S	20 cm q.v.	1
KSS-18	6698	18+00W, 13+00S	Sulphides in shear zone, disseminated pyrite.	2
KSS-19	6699	18+20W, 14+00S	30 cm q.v. in basalt.	<1
PS-108	6700	4+36E, 6+02S	Lean B.I.F., trace pyrite.	4
PS-109	8401	4+36E, 6+01S	Basalt hosting B.I.F.	3
PS-110	8402	4+36E, 6+03S	Basalt, hosting B.I.F.	3
PS-111	8403	4+36E, 6+18S	As per 6700.	5
PS-112	8404	4+32E, 5+88S	As per 6700.	5
PS-113	8405	4+31E, 5+91S	Chloritic s.z. in basalt, 1/4" q.v.	2

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
PS-114	8406	4+36E, 6+02S	As per 6700.	2
PS-115	8407	3+50W, 9+30S	1-2" sheared felsic tuff in basalt, 2-3% pyrrhotite/pyrite.	104
PS-116	8408	2+35W, 8+85S	1 foot q.v., 1-2% cpy, 1-2% pyrrhotite.	8
PS-117	8409	2+40W, 9+00S	Cherty tuff, 5% pyrrhotite/pyrite.	20
Grab	2367	2+40W, 8+10S	PS-116 resampled. O.G.S. showing (?). Qv hosted in pillowed mafics, minor cc stringers, minor ep. 10" wide. 1-2% py + cpy.	10
Grab	2368	2+35W, 8+30S	Carbonatized shear zone in pillowed mafics, 8" wide, concordant at 134/90, very fissile, abundant ankerite, 1% asp, 0.5%-1% py.	<5
Grab	2369	2+00W 8+80S	Shear zone in mafics - cherty felsic tuff material, 12" wide, shearing extends 2' on either side into host rocks, concordant, fissile, no visible sulphides, minor cc.	245
Grab	2370	2+00W 9+00S	Quartz-cc vein in mafics, concordant, sheared contacts, 2.5" x 2' exposed, abundant ep. and cc, 1-1.5% py, 0.5-1% asp.	40
Grab	2371	3+60W, 11+50S	Quartz-cc veinlets infilling along mafic pillow margins, concordant, limonitic, sugary quartz, abundant epidote, 1% py, 0.5-1% asp. Maximum vein width 1".	100
Grab	2372	3+60W 11+50S	As above.	<5
Grab	2373	3+60W 11+50S	As above, tr. asp, 0.5-1% py, no cc, clear quartz.	<5
Grab	2374	3+60W 13+90S	Carbonate vein, 3' wide, concordant at 090/ 85S. Minor chloritic inclusions, no visible sulphides.	<5
Grab	2375	3+60W 13+90S	Shear zone, 6" wide, abundant limonite, 10% ankerite, 10% quartz, 2% asp and cpy, minor epidote.	<5
Grab	2376	3+80W 15+50S	Cherty felsic tuffs near stripped area c 1% po, 0.5% asp, tr cpy, py, minor cc.	<5

MAPPING/PROSPECTING SAMPLES

Code	Assay No.	Location	Description	Au ppb
Grab	2377	3+50W 16+00S	Intermediate dyke intruding amphibolites, maximum 14" wide, oriented at 100/80S, undeformed, abundant epidote, up to 1% pyrite.	5
Grab	2378	3+80W 14+00S	Felsic tuffaceous shear zone in pillowed mafics, 16" wide, concordant, abundant cc, very fissile, 1% combined po and asp.	<5
Grab	2379	2+50W 13+00S	Quartz-cc pod in pillowed mafics, 7" x 12", irregular, abundant cc, minor epidote, clear quartz, no visible sulphides.	<5
Grab	2380	3+60W 11+00S	As above, 0.5 - 1% py.	15
Grab	2381	2+75W 8+40S	Intermediate dyke intruding massive mafic flows, 15" wide, numerous cc/chl stringers. Trace cpy, py, asp.	<5
Grab	2382	2+00W 8+80S	Shear zone in mafics, 10" wide, infilled with sub - 1/2 qv's, fissile, minor cc, concordant, trace sulphides.	995

DETAIL AREA A

TRENCH A1

Assay No.	Length (ft)	Description	Au ppb
6554	2.0	Fine-grained basalt, massive, trace disseminated pyrite.	<1
6555	2.0	As per 6554, contains a 1-4" chert horizon, concordant.	3
6556	2.0	As per 6554.	1
6557	2.0	As above.	1
6558	2.0	As above.	2
6559	2.0	As above.	4
6560	2.6	As above, slightly chloritic.	3
6561	1.0	Sheared mafic tuffs, very chloritic minor pyrite.	3
6562	0.4	Banded chert, minor limonite, cc.	18
6563	1.0	Chlorite schist/carbonate/chert, chlorite schist contains up to 10% pyrite with minor po, asp and mt.	1,360
6564	1.4	Intercalated chert, chlorite schist and minor cc, up to 5% pyrite.	85
6565	1.5	Mafic tuffs, highly sheared, fissile, chlorite rich, trace pyrite.	16
6566	2.0	Mafic tuffs as per 6565.	8
6567	2.0	As above.	6
6568	2.0	As above.	6
6569	2.0	As above.	3
6570	2.0	As above.	4
6571	2.0	As above.	3
6572	2.0	Massive fine-grained basalt, trace disseminated pyrite.	1
6573	2.0	As above.	3

DETAIL AREA A

TRENCH A1 (Cont'd)

Assay No.	Length (ft)	Description	Au ppb
6574	1.0	Mafic tuffs, highly sheared, chlorite rich, fissile, trace pyrite.	3
6575	0.5	Well bedded chert, minor cc, contains 2" of pyrite-bearing chlorite schist.	54
6576	2.0	Carbonate/chlorite schist/chert intercalated, 5-7% pyrite in cc, chlorite schist zones.	562
6577	0.9	Chloritic schist/chert with less cc than 6576, 5% pyrite in chlorite schist.	94

DETAIL AREA A

TRENCH A2

Assay No.	Length (ft)	Description	Au ppb
6579	2.0	Fine-grained basalt, trace disseminated pyrite.	5
6580	2.0	As above.	4
6581	1.1	Sheared mafic tuffs, chlorite-rich fissile, trace disseminated pyrite.	7
6582	0.8	Well bedded chert, minor cc, sample includes 3" of sericite schist.	12
6583	0.9	Predominantly chert with minor amounts of cc and chlorite schist, minor pyrite.	282
6584	1.3	Carbonate zone with chlorite schist and minor chert. 5-7% pyrite in chlorite schist with minor mt, asp, po.	1,650

DETAIL AREA A

TRENCH A3

Assay No.	Length (ft)	Description	Au ppb
6596	1.2	Sheared, chloritic mafic tuffs, trace disseminated pyrite.	3
6597	1.0	Chert and sericite schist, chert breccia, minor limonite.	70
6598	1.2	Ankerite-rich zone hosting chert fragments, minor disseminated asp, pyrite.	65
6599	1.4	Banded chert inclusive 4" chlorite schist 5-7% pyrite asp.	244
6600	2.0	Ankerite zone, minor chert, quartz 5-7% pyrite, asp.	56
6601	1.0	Sheared, chloritic mafic tuffs as per 6596, locally sericitic, minor cc.	5

DETAIL AREA A

TRENCH A4

Assay No.	Length (ft)	Description	Au ppb
6602	2.0	Fine-grained massive basalt, trace disseminated pyrite.	4
6603	2.0	As above.	6
6604	1.0	Sheared, chloritic mafic tuffs, trace disseminated pyrite.	11
6605	2.1	Banded chert, inclusive 3" sericite schist and 2" cc, <.5% pyrite and asp.	20
6606	1.3	Ankerite zone intercalated with minor chert and chlorite schist 2% pyrite and asp.	10
6607	0.6	Chert with minor chorite schist, cc and sulphides.	244
6608	1.5	Ankerite zone with chlorite schist and 5-7% asp and pyrite.	38
6609	1.5	Chloritic, sheared mafic tuffs, slight cc, trace pyrite.	12

DETAIL AREA B

Assay No.	Length (ft.)	Description	Au ppb
6589	1' 9"	Mafic flow trace -.5% pyrite.	2
6590	10'	Mineralized cherty felsic tuff, 3-5% pyrrhotite.	8
6591	2' 4"	Mafic flow.	3
6592	2'	Mafic flow 1-3% fine-grained pyrrhotite.	2
6593	1'	As per 6590.	11
6615	3' 1"	Mafic flow trace -.5% pyrite, trace cpy.	8
6616	2' 6"	As per 6590.	4
6617	2' 1"	Mafic flow, trace -.5% pyrite.	4
6618	1' 4"	Mafic flow with 2" chert bed.	5
6619	2'	As per 6590.	6
6620	1' 10"	Mafic flow.	4
6621	2' 4"	Mafic flow.	3
6622	9' 2"	Shear zone in mafic flows, chloritic.	2
6623	1' 2"	As per 6590.	2
6624	1' 1"	Siliceous mafic tuff 1-2% pyrrhotite.	3
6625	2' 8"	Mafic flow.	5
6626	3' 5"	Mafic flow.	3
6627	1' 7"	Cherty felsic tuff 1-2" pyrrhotite/pyrite.	5
6628	2' 5"	Mafic flow.	5
6629	2' 7"	Mafic flow.	2
6630	1'1-1/2"	Lean cherty felsic tuff, minor sulphides.	4
6631	2' 3"	Mafic flow.	3
6639	2' 8"	Mafic flow.	2
6640	Grab	Cherty felsic tuff, .5-1% pyrite.	2
6641	Grab	Faulted cherty tuff, 3-5% pyrrhotite/pyrite.	9

DETAIL AREA B (Cont'd)

Assay No.	Length (ft.)	Description	Au ppb
6642	Grab	Mineralized cherty tuff, 3-5% pyrrhotite/ pyrite.	4
6643	Grab	Quartz-carbonate-epidote alteration zone, .5% pyrrhotite.	48
6644	Grab	Sheared cherty tuff, 2-3% calcite.	3
6645	Grab	1/2" q.v., .5% pyrite, 5% cc.	1
6646	Grab	Barren felsic volcaniclastic, 6-8".	<1
6647	Grab	Cherty tuff, 5-7% pyrrhotite, 1-2% pyrite.	8
6648	Grab	Gabbro flow, character sample.	4
6653	Grab	1" q.v., 5% cc, trace pyrite.	5
6654	1' 4"	Shear zone in mafic volcanic, 3-5% pyrite/ pyrrhotite, 2% cc.	11
6655	10"	As per 6654, trace -1% pyrrhotite/pyrite.	7
6667	2'	Chloritic shear in mafic volcanic, moderate cc.	7
6668	0.7'	Basalt, trace sulphides.	5
6669	1.0'	As per 6668.	8
6670	0.8'	Basalt, trace .5% pyrrhotite, 1% cc stringers.	5
6671	1.1'	Cherty tuff, minor pyrrhotite.	
6672	1.2'	As per 6670.	6
6673	1.0'	As per 6670.	4
6674	0.9'	As per 6671.	28
6675	1.3'	As per 6673.	7
6676	Grab	Quartz pods in chloritic shear zone.	6
6677	Grab	Felsic volcaniclastic, 1% pyrite epidote.	23
6678	Grab	1-1.5 foot cherty tuff, 3% pyrrhotite, trace pyrite.	10

DETAIL AREA C

Assay No.	Length (ft.)	Description	Au ppb
6632	2'	Basalt, character sample.	5
6633	2'	As per 6632.	2
6634	0.4'	Cherty tuff, 1-2% pyrrhotite/pyrite, trace cc.	6
6635	1.6'	As per 6632.	2
6636	2.0'	As per 6632.	3
6637	Grab	Basalt, character sample.	3
6638	Grab	Basalt, few quartz-carbonate stringers.	2
6656	2'	Basalt, minor quartz-carbonate stringers, limonite.	3
6657	2'	As per 6656, 1% sulphides.	2
6658	0.8'	Cherty tuff 3% pyrrhotite/pyrite.	5
6659	2.2'	As per 6657.	3
6660	2.0'	As per 6656.	3
6661	Grab	As per 6658.	4
6662	Grab	As per 6658.	3
6663	Grab	As per 6658.	3
6664	Grab	Basalt, trace sulphides.	3
6665	Grab	As per 6664.	6
6666	Grab	Gabbro, character sample.	4

APPENDIX C

ASSAY CERTIFICATES

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario,
Canada K1J [illegible]220
Phone: (613) [illegible]220
Telex: 053-32[illegible]

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-3598 (COMPLETE)

REFERENCE INFO:

CLIENT: SOQUANEX LIMITED
PROJECT: SOSSEPP LAKE

SUBMITTED BY: P. NEWMAN
DATE PRINTED: 11-AUG-87

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	16	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	16	-200	16	CRUSH,PULVERIZE -200	16

REMARKS: < MEANS LESS THAN

REPORT COPIES TO: H. HODGE
JON NORTH

INVOICE TO: H. HODGE

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario
Canada K1
Phone: (613) 2220
Telex: 053-3273

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 819-0559 | PROJECT: DEESEEP LAKE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
2367		10
2368		<5
2369		245
2370		40
2371		100
2372		<5
2373		<5
2374		<5
2375		<5
2376		<5
2377		5
2378		<5
2379		<5
2380		15
2381		<5
2382		995

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
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Phone: (6[redacted]9-2220
Telex: 05[redacted]

BONDAR-CLEGG

Certificate of Analysis

REPORT: 417-2259 (COMPLETE)

REFERENCE INFO:

CLIENT: MOSS RESOURCES
PROJECT: SEESEEP LAKE

SUBMITTED BY: JOHN NORTH
DATE PRINTED: 2-JUN-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold -Assay	14	0.001 O/T		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	14	-200	14	Sample Preparation	14

REMARKS: < MEANS LESS THAN.

REPORT COPIES TO: H.J. HODGE
J.H. ADAMS

INVOICE TO: H.J. HODGE

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Telex 053-[illegible]

BONDAR-CLEGG

Certificate of Analysis

REPORT: 417-2259

PROJECT: SEESEEP LAKE PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au O/T
6501		0.008
6502		<0.001
6503		0.001
6504		<0.001
6505		<0.001
6506		0.002
6507		0.009
6508		0.002
6509		<0.001
6510		<0.001
6511		0.001
6512		<0.001
6513		<0.001
6514		<0.001

Chief Chemist

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario,
Canada K1[illegible]
Phone: (61[illegible]2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2414 (COMPLETE)

REFERENCE INFO:

CLIENT: MOSS RESOURCES
PROJECT: SEESEEP LAKE

SUBMITTED BY: JON NORTH
DATE PRINTED: 15-JUN-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	195	1 PPB	AQUA REGIA	FireAssay/DC Plasma

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	195	-200	195	CRUSH,PULVERIZE -200	195

REPORT COPIES TO: H.J. HODGE
JON NORTH

INVOICE TO: H.J. HODGE

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2414 | PROJECT: SEBSEEP LAKE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
6515		81	6555		3
6516		454	6556		1
6517		50	6557		1
6518		19	6558		2
6519		8	6559		4
6520		3	6560		3
6521		3	6561		3
6522		2	6562		18
6523		4	6563		1360
6524		11	6564		85
6525		1	6565		16
6526		1	6566		8
6527		2	6567		6
6528		2	6568		6
6529		29	6569		3
6530		2	6570		4
6531		12	6571		3
6532		2	6572		1
6533		3	6573		3
6534		2	6574		4
6535		<1	6575		54
6536		2	6576		562
6537		13	6577		94
6538		3	6578		17
6539		3	6579		5
6540		3	6580		4
6541		36	6581		7
6542		15	6582		12
6543		13	6583		282
6544		8	6584		1650
6545		4	6585		212
6546		2	6586		26
6547		3	6587		6
6548		14	6588		3
6549		3	6589		2
6550		2	6590		8
6551		1	6591		3
6552		2	6592		2
6553		<1	6593		11
6554		<1	6594		63

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
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Telex: 053-3253

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2414 | PROJECT: SEBSEEP LAKE | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
6595		50	6635		2
6596		3	6636		3
6597		70	6637		3
6598		65	6638		2
6599		244	6639		2
6600		56	6640		2
6601		5	6641		9
6602		4	6642		4
6603		6	6643		48
6604		11	6644		3
6605		20	6645		1
6606		10	6646		<1
6607		244	6647		9
6608		38	6648		4
6609		12	6649		<1
6610		56	6650		6
6611		559	6651		6
6612		47	6652		4
6613		76	6653		5
6614		71	6654		11
6615		8	6655		7
6616		4	6656		3
6617		4	6657		2
6618		5	6658		5
6619		6	6659		3
6620		4	6660		3
6621		3	6661		4
6622		2	6662		3
6623		2	6663		3
6624		3	6664		3
6625		5	6665		6
6626		3	6666		4
6627		5	6667		7
6628		5	6668		5
6629		2	6669		8
6630		4	6670		5
6631		3	6671		4
6632		5	6672		6
6633		2	6673		4
6634		6	6674		28

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Geochemical Lab Report

REPORT: 017-2414 | PROJECT: SEESEEP LAKE | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
6675		7			
6676		6			
6677		23			
6678		10			
6679		2			
6680		6			
6681		7			
6682		2			
6683		360			
6684		7			
6685		2			
6686		3			
6687		<1			
6688		4			
6689		3			
6690		2			
6691		1			
6692		11			
6693		25			
6694		8			
6695		2			
6696		10			
6697		1			
6698		2			
6699		<1			
6700		4			
8401		3			
8402		3			
8403		5			
8404		5			
8405		2			
8406		2			
8407		104			
8408		8			
8409		20			

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2412 (COMPLETE)

REFERENCE INFO:

CLIENT: MOSS RESOURCES
PROJECT: SEESEEP LAKE

SUBMITTED BY: JON NORTH
DATE PRINTED: 11-JUN-87

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	34	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS		NUMBER
HEAVY MINERAL CONC.	34	-10	34	SIEVE	-10	34

REMARKS: < MEANS LESS THAN.

REPORT COPIES TO: H.J. HODGE
JON NORTH

INVOICE TO: H.J. HODGE

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-5716 | PROJECT: SEIGNEURIAL LAKE | PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Mn PPM	Co PPM	Ni PPM	Cu PPM	Zn PPM	As PPM	Ti PPM	Ag PPM	Sb PPM	Mo PPM	Pb PPM
6507		310	6	11	52	49	<5	<1	<0.5	<10	<10	16
6516		1418	54	138	297	816	1733	1	2.4	<10	<10	57
6541		410	10	17	51	53	12	<1	<0.5	<10	<10	18
6542		382	24	66	240	350	6	2	<0.5	<10	<10	35
6561		1550	47	151	83	140	12	1	<0.5	<10	<10	40
6562		1420	6	17	13	28	16	<1	<0.5	<10	<10	17
6563		5177	36	57	206	180	18	2	<0.5	<10	<10	110
6564		3750	30	55	141	98	12	1	<0.5	<10	<10	58
6565		1783	37	87	82	70	8	1	<0.5	<10	<10	50
6566		1277	44	153	54	113	17	1	<0.5	<10	<10	51
6584		2352	34	47	126	259	21	3	<0.5	<10	<10	43
6616		516	37	98	174	121	<5	1	<0.5	<10	<10	60
6617		718	26	87	119	52	6	<1	<0.5	<10	<10	5
6618		612	28	89	153	95	<5	<1	<0.5	<10	<10	22
8372		507	5	15	47	12	7	1	<0.5	<10	<10	43
6683		392	12	39	368	39	<5	<1	<0.5	<10	<10	5
8407		289	77	209	1410	91	<5	3	<0.5	<10	<10	36

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Geochemical Lab Report

REPORT: 019-1318 [illegible] PAGE 10

SAMPLE NUMBER	ELEMENT UNITS	Bi PPM	Hg PPB	Ni PPM	Se PPM	Sb PPM	Sn PPM	Sr PPM
6507		<2	<5	350	<1	<1	702	<5
•6516		<2	5	224	<1	<1	528	70
6541		<2	<5	134	2	<1	997	26
6542		<2	5	223	2	<1	93	<5
6561		<2	45	296	<1	2	392	<5
6562		<2	10	191	<1	<1	<15	<5
•6563		<2	30	531	1	<1	88	1830
•6564		<2	15	126	1	<1	172	80
6565		<2	5	395	<1	<1	75	10
6566		<2	5	438	<1	<1	25	<5
•6584		<2	60	276	2	<1	69	1620
6616		<2	5	230	2	<1	190	<5
6617		<2	<5	274	<1	<1	37	<5
6618		<2	<5	279	<1	<1	<15	<5
6672		<2	<5	39	<1	<1	<15	40
6683		<2	<5	386	3	<1	<15	15
•8407		<2	<5	167	3	<1	<15	85

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Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2413 (COMPLETE)

REFERENCE INFO:

CLIENT: MOSS RESOURCES
PROJECT: SEESEEP LAKE

SUBMITTED BY: JON NORTH
DATE PRINTED: 11-JUN-87

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	7	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	7	-80	7	DRY,SIEVE -80	7

REMARKS: < MEANS LESS THAN.

REPORT COPIES TO: H.J. HODGE
JON NORTH

INVOICE TO: H.J. HODGE

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Geochemical Lab Report

REPORT: 017-2413 | PROJECT: SEESEEP LAKE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L10+40E 10+20NB		<5
L10+40E 10+10NB		20
L10+40E 10+00NB		60
L10+40E 9+90NB		15
L10+40E 9+80NB		<5
L10+40E 9+60NB		5
L10+40E 9+40NB		5

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-2412 | PROJECT: SEESEEP LAKE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L7+70W 13+30SA		<5
L7+70W 13+40SA		<5
L7+70W 13+50SA		<5
L7+70W 13+60SA		240
L7+70W 13+70SA		<5
L7+70W 13+80SA		<5
L7+70W 13+90SA		<5
L7+70W 14+00SA		<5
L7+70W 14+10SA		10
L7+70W 14+20SA		5
L7+70W 14+30SA		<5
L7+70W 14+40SA		5
L7+70W 14+50SA		<5
L7+70W 14+60SA		<5
L7+70W 14+70SA		<5
L10+40E 10+50NA		<5
L10+40E 10+50NB		<5
L10+40E 10+40NA		<5
L10+40E 10+40NB		40
L10+40E 10+30NA		<5
L10+40E 10+30NB		<5
L10+40E 10+20NA		<5
L10+40E 10+10NA		<5
L10+40E 10+00NA		10
L10+40E 9+90NA		<5
L10+40E 9+80NA		10
L10+40E 9+70NA		<5
L10+40E 9+70NB		<5
L10+40E 9+60NA		10
L10+40E 9+50NA		10
L10+40E 9+50NB		<5
L10+40E 9+40NA		<5
L10+40E 9+30NA		10
L10+40E 9+30NB		40

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 017-3118 (COMPLETE)

REFERENCE NOS: 017-3090 017-3114

CLIENT: MOSS RESOURCES
PROJECT: SEESEEP LAKE

SUBMITTED BY: J. NORTH
DATE PRINTED: 20-JUL-87

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Mn	Manganese	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
2	Co	Cobalt	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
3	Ni	Nickel	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
4	Cu	Copper	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
5	Zn	Zinc	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
6	As	Arsenic	17	5 PPM	HCl-HNO3, (1:3)	DC Plasma
7	Mo	Molybdenum	17	1 PPM	HCl-HNO3, (1:3)	DC Plasma
8	Ag	Silver	17	0.5 PPM	HCl-HNO3, (1:3)	DC Plasma
9	Te	Tellurium	17	10 PPM	HCl-HNO3, (1:3)	DC Plasma
10	W	Tungsten	17	10 PPM	HCl-HNO3, (1:3)	DC Plasma
11	Pb	Lead	17	5 PPM	HCl-HNO3, (1:3)	DC Plasma
12	Bi	Bismuth	17	2 PPM	HCl-HNO3, (1:3)	DC Plasma
13	Hg	Mercury	17	5 PPB	HNO3-H2SO4-HCl-KMnO4	Cold Vapour AA
14	Cr	Chromium	17	2 PPM		X-Ray Fluorescence
15	Se	Selenium	17	1 PPM		X-Ray Fluorescence
16	Sb	Antimony	17	1 PPM		X-Ray Fluorescence
17	Ba	Barium	17	15 PPM		X-Ray Fluorescence
18	Au	Gold	17	5 PPB	AQUA REGIA	FA-AA @ 10 gm Weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
PREPARED PULP	17	AS RECEIVED	17	AS RECEIVED, NO SP	17

REMARKS: < MEANS LESS THAN.

REPORT COPIES TO: R.J. HODGE
JON NORTH

INVOICE TO: R.J. HODGE

APPENDIX D

TECHNICAL DATA STATEMENT

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

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/Geochemical

Township or Area Seeseep Lake Area G2204

Claim Holder(s) Power Explorations Inc.

1003 - 34 King St. E., Toronto, Ont.

Survey Company Geocanex Ltd.

Author of Report Jon W. North

Address of Author 1669 St.Gabriel Ct., Windsor,Ontario.

Covering Dates of Survey May 10 to May 31, 1987 & July 23/87
(linecutting to office)

Total Miles of Line Cut 15.5

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	40
Geochemical	20

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

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

DATE: Nov 27/87 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
Pa	823347
	823348
	823349
	823350
	823351
	823352
	823353
	823354
	823355
	823356
	823357
	823358
	823359
	823360
	823361
	823362

If space insufficient, attach list

TOTAL CLAIMS 16

OFFICE USE ONLY

837 (85/12)

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

POWER EXPLORATIONS INC.

SEESEEP LAKE AREA

MINING CLAIMS TRAVERSED

Pa 823347
823348
823349
823350
823351
823352
823353
823354
823355
823356
823357
823358
823359
823360
823361
823362

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

April 5, 1988

Your File: W8803-056
Our File: 2.10584

Mining Recorder
Ministry of Northern Development and Mines
Court House
P.O. Box 3000
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

RE: Data for Assaying submitted under Section 77(19)
of the Mining Act R.S.O. 1980 on Mining Claims
Pa 823347 in the Area of Seeseep Lake

The enclosed statement of assessment work credits for Data for Assaying has been approved as of the above date.

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

Yours sincerely,

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

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH:pl
Enclosure (2)

cc: Resident Geologist
Sioux Lookout, Ontario

Power Explorations Inc.
Suite 1003
34 King Street E.
Toronto, Ontario
M5C 1E5

Ministry of Northern Development and Mines

Ont

Technical Assessment Work Credits

File: 2.10584

Date: April 5, 1988

Mining Recorder's Report of Work No.: W8803-56

Recorded Holder: Power Explorations Inc.

Township or Area: Seeseep Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic ____ days	$3,237.04 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:
Magnetometer ____ days	Pa 823347-50-52
Radiometric ____ days	823355-56-57-59
Induced polarization ____ days	823361-62
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	215.8 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.
Special provision ☐ Ground ☐	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

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

Ministry of Northern Development and Mines

Ontario

Sioux Lookout - #87-174

Toronto - 2.10584

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

Seeseep Lake

Mining Division

DOCUMENT No. W8803.056

Mar. 31.

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

Type of Survey(s): Expenditures

Township or Area: Seeseep G-2204

Claim Holder(s): Power Explorations Inc.

Prospector's Licence No.: T 4642

Address: 1003 - 34 King St. E., Torotno, Ontario M5C 1E5

Survey Company: Geocanex Ltd.

Date of Survey (from & to): 10 05 87 (Day Mo. Yr.) — 31 05 87 (Day Mo. Yr.)

Total Miles of line Cut: 15.5

Name and Address of Author (of Geo-Technical report): J.W.North, 1669 St. Gabriel Ct. Windsor, Ontario N9E 1P2

Credits Requested per Each Claim in Columns at right

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

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

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MAR 16 1988
MINING LANDS SECTION

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.
Pa	823350	8.2
	823351	30

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Expenditures (excludes power stripping)

Type of Work Performed: Geological Surveys SECTION 77-19

Performed on Claim(s): 823347, 823349, 823350, 823352, 823355, 823356, 823357, 823359, ~~834461~~, 823362. 823361

Calculation of Expenditure Days Credits

Total Expenditures: $ 3,237.04 ÷ 15 = Total Days Credits: 215.80

- Using 88-056 = 177.6
38.2 days BANKED FOR FUTURE

Total number of mining claims covered by this report of work: 2

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

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
215.8	FEB. 10, 1988	Acting
	Date Approved as Recorded	Branch Director
	See Revised Statement	

Date: Feb. 5th, 1988

Recorded Holder or Agent (Signature):

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: H.J. Hodge 1003 - 34 King St E Toronto M5C 1E5

Date Certified: Feb. 5th, 1988

Certified by (Signature):

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

February 15, 1988

Your File: 87-174
Our file: 2.10584

Mining Recorder
Ministry of Northern Development and Mines
Court House
P.O. Box 3000
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

RE: Notice of Intent dated January 29, 1988
Geological and Geochemical Survey
submitted on Mining Claims PA 823347 et al
in the Area of Seeseep Lake

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

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

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

QV DK:pl
Enclosure: Technical Assessment Work Credits

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

Resident Geologist
Sioux Lookout, Ontario

Power Explorations Inc.
Suite 1003
34 King Street East
Toronto, Ontario
M5C 1E5

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.10584

Date: January 29, 1988

Mining Recorder's Report of Work No.: 87-174

Recorded Holder: Power Explorations Inc.

Township Area: Seeseep Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	PA-823347
Magnetometer _____ days	823350
Radiometric _____ days	823352
Induced polarization _____ days	823355 to 57 inclusive
Other _____ days	823359
Section 77 (19) See "Mining Claims Assessed" column	823361-62
Geological _____ days	
Geochemical 21.8 days	
Man days [x] Airborne [ ]	
Special provision [ ] Ground [x]	
[ ] Credits have been reduced because of partial coverage of claims.	
[ ] Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

[x] not sufficiently covered by the survey [ ] insufficient technical data filed

PA-823348-49
823351
823353-54
823358
823360

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

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.10584

Date: January 29,1988

Mining Recorder's Report of Work No.: 87-174

Recorded Holder: Power Explorations Inc.

~~Township or~~ Area: Seeseep lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	PA-823347 to 49 inclusive 823352 to 60 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 40 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

30 Days Geological	20 Days Geological	10 Days Geological
PA -823362	PA-823361	PA-823350-51

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

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

Ministry of Northern Affairs and Mines
Ontario

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

#87-174

Mining Act

Instructions: -- Please type or print. Nov. 18
-- 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 LANDS 2 10584

Type of Survey(s)	Township or Area
Geological/Geochemical	G 2204 SEESEEP LAKE

Claim Holder(s)	Prospector's Licence No.
Power Explorations Inc.	T 4642

Address: 1003-34 King Street East, Toronto, Ontario, M5C 1E5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Geocanex Ltd.	10 Day 05 Mo. 87 Yr. & 31 Day 05 Mo. 87 Yr.	15.5 miles

Name and Address of Author (of Geo-Technical report): Jon W. North, 1669 Gabriel Ct., Windsor, Ont. July 23, 1987

Credits Requested per Each Claim in Columns at right

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

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

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
See	Attached				

RECEIVED
1987
MINING LANDS SECTION

PATRICIA PORCUPINE
RECEIVED
SEP 29 1987
A.M. 8 9 10 11 12 1 2 3 4 5 6 P.M.

Expenditures (excludes power stripping)

Type of Work Performed	
Performed on Claim(s)	

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

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

Pa. 823347

Total number of mining claims covered by this report of work: 16

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
960	SEPT. 29, 1987	
	Date Approved as Recorded	Branch Director
		See survey work statements

Date	Recorded Holder or Agent (Signature)
Sept 29/1987	

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: H.J. Hodge, 1003-34 King Street East, Toronto, Ontario, M5C 1E5

Date Certified	Certified by (Signature)
Sept 29/87	

1362 (85/9)

days include work performed

Days per claim

POWER EXPLORATIONS INC.

SEESEEP LAKE AREA

MINING CLAIMS TRAVERSED

Pa 823347
823348
823349
823350
823351
823352
823353
823354
823355
823356
823357
823358
823359
823360
823361
823362

AREA NOT MAPPED

KEEYASK LAKE G-2085

ERICHSEN LAKE – G-2029

CEMETERY LAKE G-1989

53°00'

52°52'30"

90°45'

Seeseep Lake

Stounton Lake

Hodgson Lake

Cemetery Lake

McGraver Lake

Erichsen Lake

ROADS

LINES

FLOODING OR FLOODING RIGHTS

SUBDIVISION OR COMPOSITE PLANS

RESERVATIONS

MAIN SHORELINE

DISPOSITION OF LAND

TYPE DOCUMENT — SYMBOL

PATENT SURFACE & MINING RIGHTS

SURFACE RIGHTS

MINING RIGHTS

SURFACE & MINING RIGHTS

SURFACE RIGHTS ONLY

MINERALS ONLY

LEASE

LICENCE

SALE

NOTE

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY

Description — Order No. — Date — Disposition — File

April 18, 1986
Sept. 16/86
Oct 28/86
Jan 7/87
Jan 19/87
APR 2/87
Apr 20/87
Apr 30/87
May 15/87
Oct 30/87

RECEIVED
NOV 10 1987
PATRICIA MINING DIVISION

SCALE: 1 INCH = 40 CHAINS

1 0 1000 2000 3000 4000

METRES 0 500 1000 1500 2000 (2 KM)

FILE 2.10584

SEESEEP LAKE

N.W.R. ADMINISTRATIVE DISTRICT
SIOUX LOOKOUT

MINING DIVISION
PATRICIA

LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)

Ministry of Natural Resources — Land Management Branch — Surveys & Mapping Branch

G-2220

53015NW0010 2.10584 SEESEEP LAKE

200

53B15NW0010 2.10584 SEESEEP LAKE

210

LEGEND

QUATERNARY

Stream, lake, bog deposits
Glacial, glaciofluvial lacustrine sediments

LATE PRECAMBRIAN (Keeweenawan?)

11 — 11a Diabase

EARLY PRECAMBRIAN

10 — Intermediate and Felsic Intrusives
- 10a Granite pegmatite
- 10b Aplite
- 10c Granite
- 10d Syenite
- 10e Quartz monzonite
- 10f Granodiorite
- 10g Trondjemite
- 10h Quartz diorite
- 10i Diorite
- 10k Unsubdivided gneiss
- 10l Granite gneiss

9 — Mafic Intrusives
- 9a Unsubdivided
- 9b Gabbro
- 9c Leucogabbro
- 9d Plagioclase-phyric gabbro
- 9e Peridotite
- 9f Pyroxenite

8 — Iron Formation
- 8a Oxide facies
- 8b Carbonate facies
- 8c Silicate facies
- 8d Sulphide facies

7 — Chemical Metasediments
- 7a Chert
- 7b Calcitic marble
- 7c Dolomitic marble

6 — Clastic Metasediments
- 6a Clast supported conglomerate
- 6b Matrix supported conglomerate
- 6c Oligomictic conglomerate
- 6d Polymictic conglomerate
- 6e Sandstone, unsubdivided
- 6f Wacke
- 6g Arenite
- 6h Mudstone, argillite
- 6j Feldspathic wacke
- 6k Feldspathic arenite
- 6l Quartz arenite
- 6m Schistose rock ± amphibole, ± biotite, ± garnet, ± chlorite of probable sedimentary origin

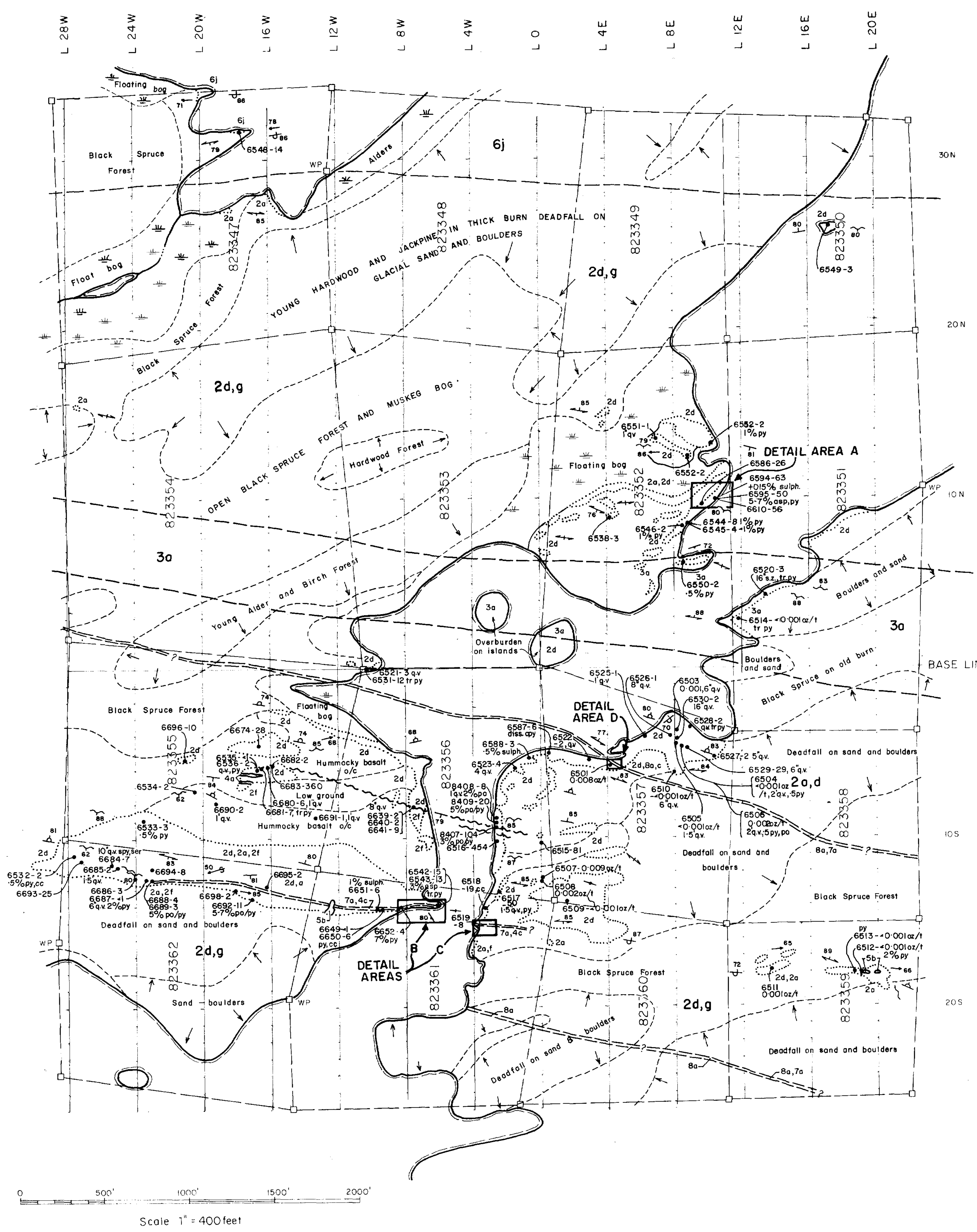
5 — Felsic and Intermediate Subvolcanic Rocks
- 5a Unsubdivided
- 5b Quartz-feldspar porphyry
- 5c Quartz porphyry
- 5d Feldspar porphyry

4 — Felsic Metavolcanics
- 4a Massive fine-medium grained flow
- 4b Pyroclastic breccia, tuff breccia
- 4c Tuff, lapilli tuff

3 — Intermediate Metavolcanics
- 3a Massive fine-medium grained flow
- 3b Flow breccia
- 3c Pyroclastic breccia, tuff breccia
- 3d Tuff, lapilli tuff

2 — Mafic Metavolcanics
- 2a Massive fine-medium grained flow
- 2b Amygdaloidal flow
- 2c Variolitic flow
- 2d Pillowed flow, pillow breccia
- 2e Flow breccia
- 2f Medium-coarse grained flow centres
- 2g Plagioclase-phyric flow
- 2h Amphibolite
- 2i Co-magmatic sills, dikes
- 2j Pyroclastic breccia, tuff breccia
- 2k Tuff, lapilli tuff
- 2l Chorite ± amphibole schist

1 — Ultramafic Metavolcanics
- 1a Massive fine-medium grained flow
- 1b Spinifex textured flow
- 1c Talc-carbonate ± magnetite ± amphibole ± serpentine ± chlorite schist



0 500' 1000' 1500' 2000'

Scale 1" = 400 feet

SYMBOLS

- Shoreline
- Creek, showing flow
- Swamp
- Beaver Dam
- Break in slope
- Claim post, line, witness post
- Township line
- Trench, pit
- Diamond drill hole
- Highway, bush road
- Power transmission line
- Outcrop, outcrop area
- Geological boundary, observed, Inferred, inferred from geophysics
- Surficial feature boundary
- Rock sample location & number — 17501
- Assay for Au(ppb), Ag(ppm) — 13-0.6
- Pillow; tops known, unknown
- Bedding; inclined, vertical
- Foliation, cleavage; Inclined, vertical, unknown
- Gneissosity; incl., vert., unknown
- Lineation, plunge
- Fracture; inclined, vertical
- Shear zone; dip
- Shear fracture; inclined, vertical
- Fault zone; dextral, sinistral
- Anticline, syncline; plunge
- Drag folds with plunge
- Dyke; width, dip
- Vein; width, dip, quartz, carbonate
- Glacial striae

ABBREVIATIONS

Silicification — SIL, sil
Sericitization — SER, ser
Carbonatization — CAR, car
Chloritization — CHL, chl
strong weak

- Pyrite — py
- Pyrrhotite — po
- Chalcopyrite — cp
- Arsenopyrite — asp
- Sphalerite — sph
- Galena — ga
- Bornite — br
- Malachite — mal
- Graphite — gr
- Chrysocolla — chry
- Magnetite — mt
- Limonite — lim
- Hematite — hem
- Molybdenite — mo
- Grunerite — grun
- Siderite — sid
- Dolomite — dol
- Ankerite — ank
- Garnet — gnt
- Epidote — ep
- Tourmaline — tl
- Xenolith — xn
- Mylonite — myl
- Shearing — sh
- Carbonatized — cc

REGISTERED PROFESSIONAL ENGINEER · HODGE · PROVINCE OF ONTARIO

POWER EXPLORATIONS INC.

Seeseep Lake Property

Patricia Mining Division, Ontario

GEOLOGY

GEOCANEX LTD
TORONTO, CANADA

BY: RTM
DATE: AUG. 1987
SCALE: 1" : 400
DWG. No:

2.10584

52J15NW0010 2.10584 SEESEEP LAKE

220

L8W

L7+70W

7W

6W

13+50S

14+50S

BL 14 S

0 10 20 30ft.

SCALE : 1" = 10ft.

1 Pillowed mafic flow
2 Cherty felsic tuff with 3-7% dissem. po/py
3 Silicified aplite sill
4 Gabbroic textured mafic flow
5 Felsic volcaniclastic
Fault
Shear direction, dip
Geologic contact, known
Geologic contact, inferred
Bedding top, known
Bedding top, unknown
Cleavage
Joint

Stratiform alteration form
Chip sample: No., Au ppb
Grab sample: No., Au ppb
Humus sample, Au ppb
Outcrop / limit of stripping
Shoreline
Low ground, swamp
q.v. Small quartz vein
ep Epidote alteration
py Pyrite
po Pyrrhotite
aspy Arsenopyrite

Outcrop covered by thin sand and moss

Outcrop covered by sandy till with new poplar growth

Low ground with alders

Thin sandy overburden

Thin sandy overburden with spruce

Outcrop covered by thin sand

Low ground with alders

Outcrop covered by thin sand

Seeseep Lake

6631-3
6630-4
6639-2
6640-2
6643-48 69, py
6629-2
6642-4
6641-9
6627-5
6638-5
6625-5
6644-3
6624-3
6623-2
6622-2
6626-3
6645-1
1/2" q.v.
6647-8
6621-3
6619-6
6620-4
6618-5
6616-4
6617-4
6646-4
6648-4
6543-13
6542-15
6592-2
6593-11
6615-8
6589-2
6590-8
6591-3
6652-4 5-7% py
6653-5
1" q.v.
6654-11 3-5% py/po
6655-7 1% po
6675-7
6672-6
6671-9
6670-5
6673-4
6674-28
6677-3
6676-6
6678-10
6669-8
6667-7
6668-5

POWER EXPLORATIONS INC.

Seeseep Lake Property

Patricia M.D., Ontario

DETAIL AREA "B"

GEOCANEX LTD
TORONTO, CANADA

BY: JN / RTM
DATE: MAY 1987
SCALE: 1" = 10'
FIG. No.: 5

210584

53B15NW0010 2.10584 SEESEEP LAKE

230