DIAMOND DRILLING

AREA: RANDALL LAKE REPORT NO: 16

WORK PERFORMED FOR: Power/C. Darveau/M. Lariviere

RECORDED HOLDER: Same as Above [xx]
: Other [ ]

Claim No.	Hole No.	Footage	Date	Note
Pa 720073	RL-88-1	787'	Feb/88	(1)
	RL-88-2	523.7'	Jan/88	(1)
Pa 720074	RL-88-3	297'	Jan/88	(1)
Pa 720073	RL-88-4	447'	Feb/88	(1)
	RL-88-5	437'	Feb/88	(1)
	RL-88-6	447'	Jan/88	(1)
	RL-88-7	597'	Jan/88	(1)
Pa 720074	RL-88-8	567'	Feb/88	(1)
Pa 720004	RL-88-15	662'	Feb/88	(1)
Pa 720091	RL-88-16	358'	Feb/88	(1)
	RL-88-17	677'	Feb/88	(1)
Pa 720091	RL-88-18	357'	Jan/88	(1)
Pa 720024	RL-88-19	997'	Feb/88	(1)
Pa 720005	RL-88-20	67'	Feb/88	(1)
	RL-88-20A	797'	Feb/88	(1)
	RL-88-21	772'	Feb/88	(1)
Pa 720010	RL-88-23	608'	Feb/88	(1)
Pa 720016	RL-88-24	817'	Feb/88	(1)
Pa 720018	RL-88-25	897'	Feb/88	(1)
Pa 720029	RL-88-26	997'	Feb/88	(1)

NOTES: (1) W8903.059, date filed May/89

GEOCANEX

REPORT

ON

DIAMOND DRILLING

ON THE

RANDALL LAKE PROPERTY

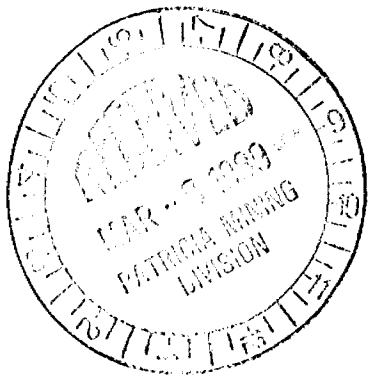
DISTRICT OF KENORA, PATRICIA MINING DIVISION

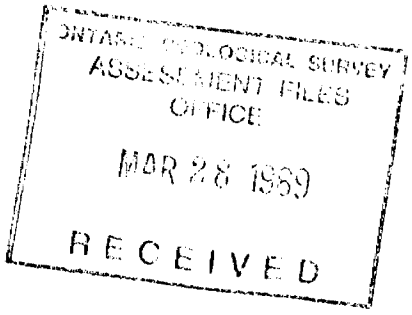
NORTHWESTERN ONTARIO

FOR

POWER EXPLORATIONS INC.

53B/14





April, 1988

Jon W. North, B.Sc.

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1.0 SUMMARY

Significant gold mineralization has been encountered in numerous drill holes on the Randall Lake property. The gold mineralization is associated with sheared mafic volcanics and iron formation in the North Caribou River Fault. The mineralization occurs where fault-related deformation is associated with quartz-carbonate-sulphide veining or pervasive epigenetic sulphide mineralization.

Best results were attained from the area between L48E to L72E. RL-88-12, 13 and 14, which were drilled in this area over a structural/stratigraphic strike length of 2,400 feet, encountered gold mineralization in sheared, sulphidized and silicified iron formation and mafic volcanics. RL-88-13 contained an interval grading 0.09 ounces gold per ton over 26.7 feet. This intersection contains a 15.9 foot interval which grades 0.116 ounces gold per ton. RL-88-14 was collared 1,600 feet west of RL-88-13 and contained an interval grading 0.248 ounces gold per ton over 3.3 feet. RL-88-12 was collared 800 feet east of RL-88-13, and contained an interval grading 0.038 ounces gold per ton over 4.7 feet.

Additional diamond driling is recommended to test the continuity and tonnage potential of the mineralization encountered in RL-88-13. Drilling is also recommended in the northern part of the property where a number of untested geophysical/geological targets are located. The drilling should be carried out in two phases which consist of 15,000 feet of drilling in Phase 1, followed by additional drilling, if required, in Phase 2. The cost of Phase 1 is estimated at $720,000.00.

2.0 INTRODUCTION

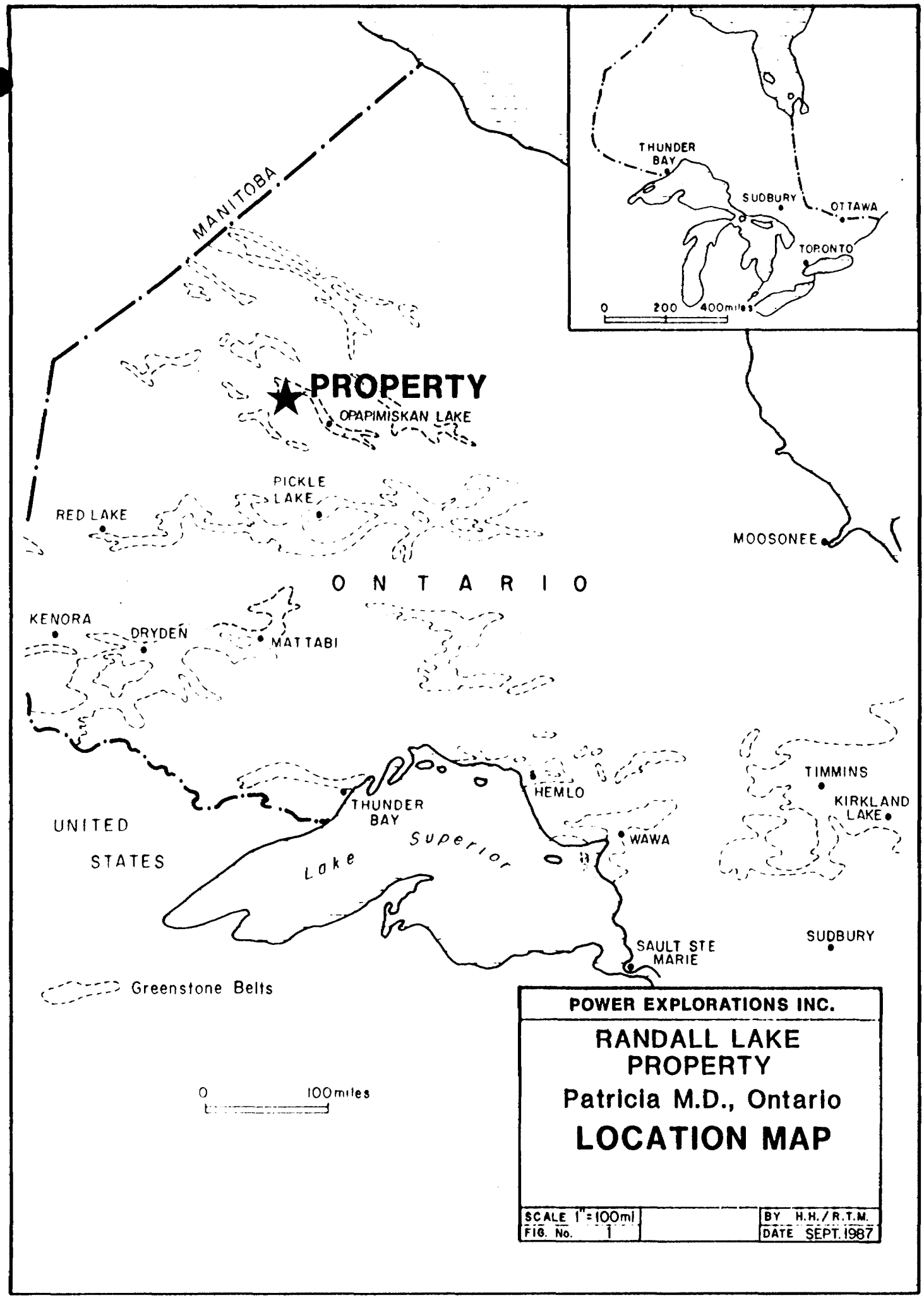
This report describes the results of a 26 hole, 15,045 foot drilling program which was carried out on the Randall Lake property of Power Explorations Inc. The work was carried out subsequent to geological/geochemical, and geophysical surveys on the property (Hodge, 1985; North, 1985, 1987). The program, supervised by Geocanex Ltd., was carried out by Midwest Drilling of Winnipeg, Manitoba between January 9 and February 24, 1988 with two BBS-17A drills and one BBS-37 drill.

The property is located approximately 110 air miles north of Pickle Lake in northwestern Ontario (Figure 1). Groceries and supplies were expedited to the campsite on Discovery Lake by air from Pickle Lake, and overland via a winter trail to the winter road connecting Pickle Lake to the Round Lake Indian reserve.

The Geocanex personnel involved in the work were as follows:

Jon North, Project Geologist, Windsor, Ont. Jan.4-Feb.24
Peter Taylor, Geologist, Kingston, Ont. Jan.6-Feb.24
Jay Drew, Assistant Geologist, North Bay, Ont. Feb.1-Feb.24
Robin Wyllie, Core Splitter, Waterloo, Ont. Jan.7-Feb.24

Samples of drill core were split at the campsite and shipped to Bell-White Laboratories in Haileybury, Ontario for gold analysis by fire assay-atomic absorption to an analytical accuracy of 0.002 oz./ton. The drill logs are included in Appendix B, drill sections are included in Appendix C, Assay Certificates are compiled in Appendix D.



POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Patricia M.D., Ontario

LOCATION MAP

SCALE 1"=100mi		BY H.H./R.T.M.
FIG. No. 1		DATE SEPT. 1987

3.0 PROPERTY DESCRIPTION

The property consists of 103 contiguous mining claims which are recorded on the Ontario Ministry of Natural Resources Keeyask Lake (G-2085) and Randall Lake (G-2182) claims sheets for the Patricia Mining Division, District of Kenora (Figure No. 2).

The claim numbers and recording dates are as follows:

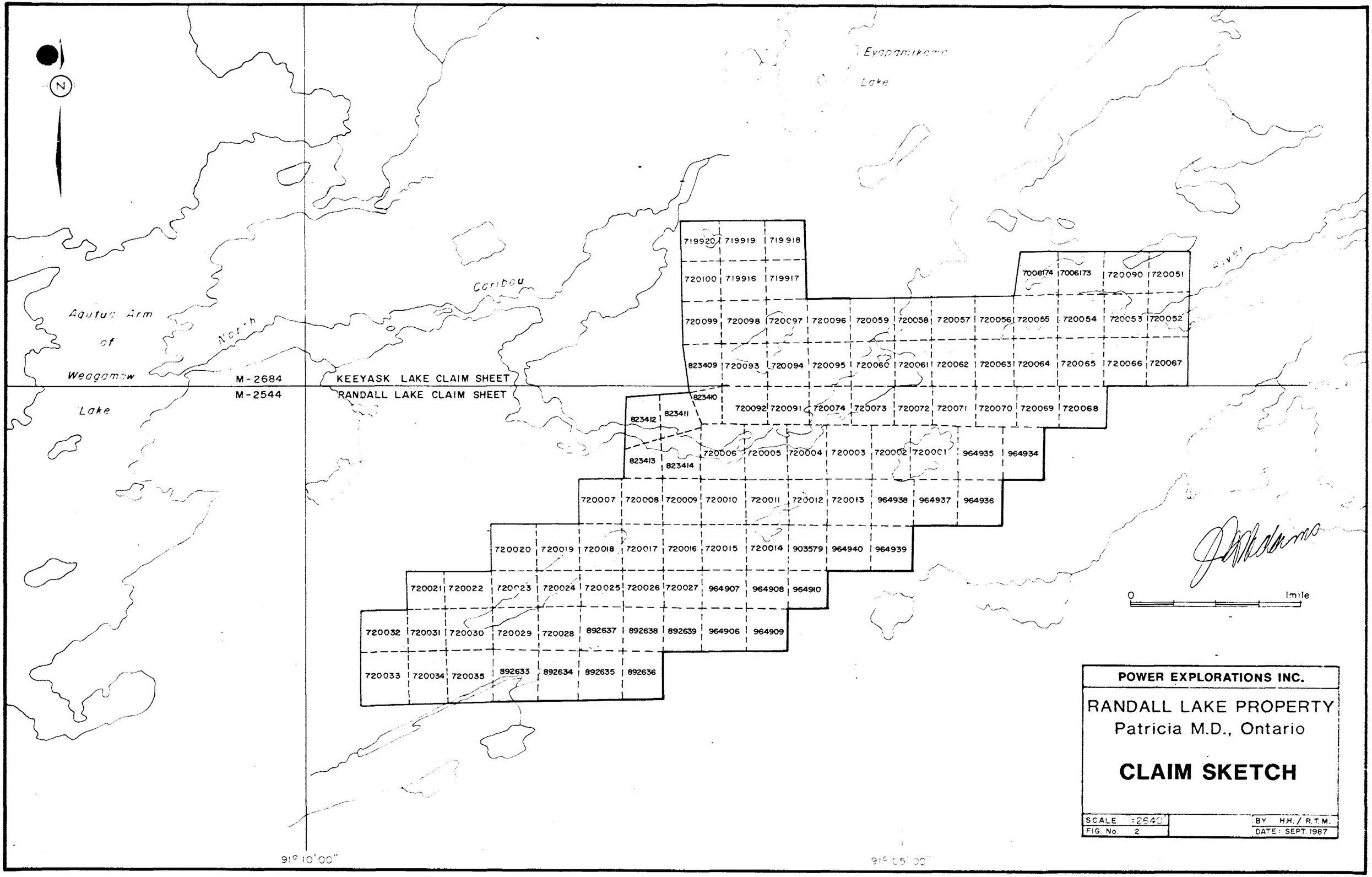
Pa 719916-719920 inclusive	(5)	March 26, 1984
Pa 720001-720035 inclusive	(35)	March 15, 1984
Pa 720090-720100 inclusive	(11)	March 15, 1984
Pa 823409-823414 inclusive	(6)	March 25, 1985
Pa 892633-892639 inclusive	(7)	March 9, 1987
Pa 903579	(1)	March 9, 1987
Pa 964906-964910 inclusive	(5)	March 9, 1987
Pa 964934-964940 inclusive	(7)	March 9, 1987
Pa 1006173, 1006174	(2)	July 22, 1987
Pa 720051-720074	(24)	March 15, 1984

Total 103 Claims

The claims are currently held by Moss Resources Ltd. of 1003-34 King Street East, Toronto, Ontario, M5C 1E5. Power Explorations of the same address has the right to earn a 50% interest in the claims.

4.0 LOCATION, ACCESS AND SERVICES

The property is located in Northwestern Ontario (52°52'N, 91°91'W), and is approximately 110 air miles north-northwest of Pickle Lake and 170 miles northeast of Red Lake. Access to the property is gained by float or ski-equipped fixed-wing aircraft, or by helicopter from Red Lake or Pickle Lake. An all-weather gravel road from Pickle Lake to Windigo Lake ends approximately 25 miles south of the



POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY
Patricia M.D., Ontario

CLAIM SKETCH

SCALE 1:2640	BY H.H. / R.T.M.
FIG. No. 2	DATE : SEPT. 1987

property. A winter road from Windigo Lake to Weagamow Lake passes within five miles of the property.

Groceries, building materials and general mining supplies may be obtained in Pickle Lake or Red Lake.

5.0 PREVIOUS WORK

The following is a chronological account of previous exploration work on the property:

1939 - Jack Satterly mapped the geology of the area at one inch to one mile for the Ontario Department of Mines.

1959-1960 - In the winter of 1959, Geoscientific Prospectors Ltd. conducted a long-wire EM survey in the Randall Lake area. This survey covered approximately 20% of the present claims. Two anomalies were delineated, one of these runs beneath Discovery Lake in the western portion of the Randall Lake property.

1960 - An airborne magnetometer survey was flown in the area by the ODM-GSC (Map 909G, Weagamow Lake). This survey covers the entire Randall Lake property, and indicates that at least two bands of iron formation are present; one striking northeast-southwest and one north-south, with peak magnetic amplitudes of 63,000 gammas.

1978 - St. Joseph Explorations Ltd. staked six claim blocks in the area. Two of the blocks (numbers 5 and 6) covered the present property. Linecutting, geological mapping, and ground geophysics were carried out on the grids. Diamond drilling for gold and massive sulphide deposits was recommended.

1979 - In the fall of 1979, St. Joseph Explorations Ltd. drilled six holes totalling 1,788 feet. These six holes are located on the present claims. The salient features of the drilling are summarized in a previous report by North (1985).

1983 - The Ministry of Natural Resources published a regional geological compilation map of the area at a scale of one inch to 4 miles. This map was based on the work of numerous authors.

1984 - Moss Resources Ltd. staked 75 claims covering a 5.4 mile strike length of the North Caribou River fault, and commissioned linecutting and geophysical surveys on their Randall Lake property. Magnetics and VLF-EM surveys were carried out over the entire property in March, 1985.

1985 - The Ontario Geological Survey mapped the area in a regional survey at one inch to 1/2 mile. An accurate geological map of the area was published, elucidating a number of important features in the area related to gold mineralization.

Geocanex Ltd. mapped the Randall Lake property at one inch to 400 feet and carried out limited trenching, stripping and prospecting. Both the North Caribou River fault and a secondary splay of the fault through the Centre Lake area were found to contain anomalous gold mineralization in shear zones and quartz veins.

1986 - The Ministry of Northern Affairs and Mines flew a regional airborne magnetometer and electromagnetic survey of the area and published geophysical maps of the area at 1:20,000.

1987 - In the spring of 1987, Power Explorations Inc. staked an additional twenty claims tying on to the southern boundary of the original 75 claim Randall Lake property. Linecutting and VLF-EM surveys were carried out on the new claims in July and August of 1987.

1987 - Follow-up prospecting, trenching, and channel sampling were carried out on the original 75 claim Randall Lake property and geological mapping and lithogeochemical sampling were carried out on the new 20 claim extension to the property. Economic grade gold mineralization was discovered in several geological environments within the main east-west trending North Caribou River Fault Zone. Diamond drilling was recommended to test the extent of known gold mineralization at depth, and to test the fault for mineralization in overburden covered areas.

6.0 PHYSIOGRAPHY AND VEGETATION

A well-drained sand and boulder plain with interspersed moraine and drumlinoid surficial deposits cover 30-40% of the property. The main trend of overburden ridges indicates a northeast-southwest ice direction during the last period of glaciation. Clay-till sheets are commonly found in some of the thicker surficial deposits which may rise abruptly out of low-lying areas to heights of 20 feet.

Outcrop is exposed on 5-7% of the property, and is usually mantled by sandy overburden, while black spruce forest and thick muskeg covers low-lying areas. Lakes and rivers cover 30% of the property.

Strong physiographic lineaments are formed by northeast-southwest trending fault scarps along outcrop ridges. This

trend reflects the regional trend of the North Caribou River fault which passes through the central portion of the property.

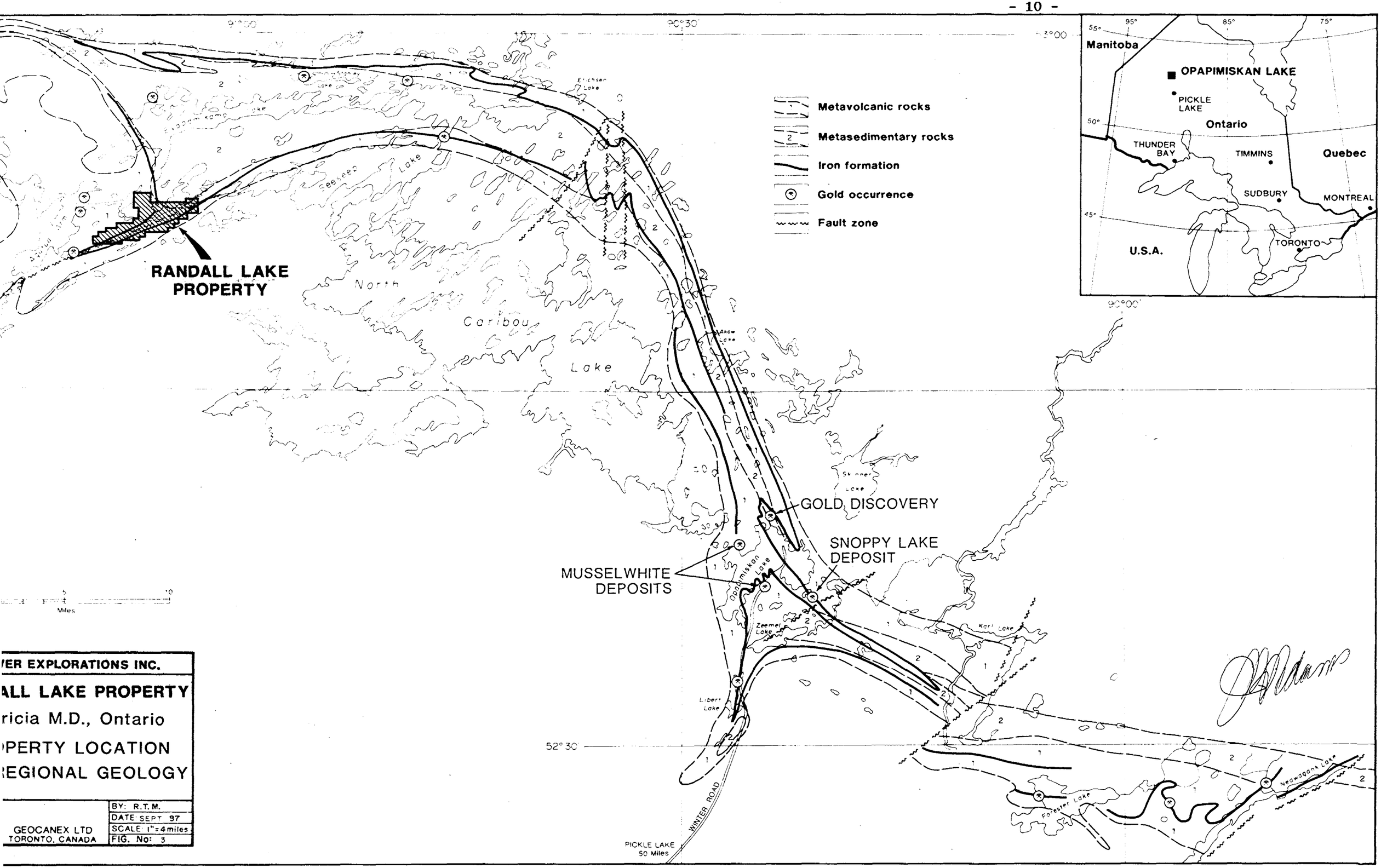
7.0 REGIONAL GEOLOGY AND ECONOMIC MINERALIZATION

The property is located in the Weagamow-Eyapamikama-Opapimiskan Lakes greenstone belt of Satterly (1939). The belt is usually referred to as the North Caribou Lake belt by mining and exploration companies (Fig. No. 3).

The rocks in the belt comprise an Archean supracrustal assemblage of predominantly mafic volcanics, volcaniclastics, and sediments which form part of the Sachigo Subprovince of the Superior Province of the Canadian Shield. The regional geology and mineral occurrences are shown in Figure No. 3.

The belt extends eastward from Weagamow Lake to the east end of Eyapamikama Lake where it arcs to the south around North Caribou Lake to Opapimiskan Lake. The belt bifurcates into two lobes south of Opapimiskan Lake, with a small lobe extending south through the Libert Lake area, and a major southeastern extension of the belt extending through Markop Lake to the Forester and Neawagank Lakes area.

The stratigraphic type section for the belt is described in the area between Weagamow and Opapimiskan Lake. In this area, a central core of cross stratified wacke, arkose, arenite, and conglomerate, with minor pelitic rocks (the Eyapamikama Lake Metasedimentary Rocks) are bounded on the north and south by relatively homogeneous sequences of mafic volcanic rocks (the North Rim and South Rim Metavolcanic



VER EXPLORATIONS INC.

ALL LAKE PROPERTY

ricia M.D., Ontario

PERTY LOCATION

EGIONAL GEOLOGY

GEOCANEX LTD TORONTO, CANADA	BY: R.T.M.
	DATE: SEPT 97
	SCALE: 1"=4miles
	FIG. No: 3

Rocks). The rough bilateral symmetry of the belt, and the presence of abundant opposing stratigraphic top indicators on the rims of the belt, indicate that the rocks have been regionally folded into a tight, upright syncline.

Banded oxide facies iron formation, grunerite-chert iron formation, and cherty chemical sediments are commonly found at or near the metavolcanic-metasedimentary contacts. Gabbro and quartz-feldspar porphyry sills and dykes are found throughout the North and South Rim Metavolcanics. These intrusive rocks are normally affected by D_1 structures, and are probably co-magnetic with their host rocks.

Ultramafic rocks consisting of spinifex textured flows, their altered equivalents, and narrow serpentinized ultramafic intrusive bodies have been described from a number of locations within the belt; notably in the Keeyask Lake area in the western part of the belt, the Castor-Pollux Lakes area in the North Rim Metavolcanics, and from the Opapimiskan Lake area.

The belt is bounded by granitoid paragneiss and migmatized rocks to the north, and felsic intrusives of the North Caribou Lake Batholith to the south. Relatively undeformed felsic porphyries, aplite, and pegmatite dykes and sills crosscut the mafic volcanics near the belt margins.

The regional metamorphic grade varies from greenschist to lower-middle amphibole facies.

Two prominent deformational events (D_1 and D_2) are preserved in the rocks of the North Caribous Lake belt. A third event (D_3) is locally present.

The D_1 event resulted in isoclinal folding of the stratigraphy and the development of a steeply dipping axial planar cleavage (S_1) which is parallel to subparallel to bedding (S_0) and has resulted in the rotation of S_0 into S_1. D_1 folding resulted in the formation of the large synclinal structure seen in the Weagamow to Opapimiskan Lakes section of the belt, the axis of which approximately follows the long axis of Eyapamikama Lake. F_1 closures are rarely observed in the volcanics but steeply plunging F_1 closures and intrafolial folds may be observed in banded iron formation and finely laminated sediments. Stretching lineations and mineral streaking lineations plunge steeply in S_1.

A second deformation event (D_2) is evident as open to closed F_2 closures with steeply dipping axial planes and moderate to steep plunges. These folds are abundant in metasediments and iron formation and are associated with a steeply dipping axial planar cleavage (S_2), at high angles to S_1. The D_2 cleavage is an important ore-forming structure in the Opapimiskan Lake area where dilatant zones parallel to S_2 have ponded auriferous fluids in banded iron formation during D_2 folding of the belt in the area.

D_3 structures are locally penetrative but, more often, are indistinct or absent. D_3 structures are usually manifested as broad, open warps in the stratigraphy and earlier fabrics.

Gold is the principle metal of economic importance in the belt. Gold mineralization occurs with quartz-pyrrhotite veins and disseminated sulphides in D_2 dilatant zones parallel to S_2 in iron formation at Opapimiskan Lake. Sulphide-bearing quartz-carbonate $\pm$ tourmaline veins and

shear zones manifested as either S_1 or S_2 parallel structures are also gold-bearing throughout the belt. Gold mineralization occurs within an S_1 parallel shear zone with massive base metal-silver mineralization at Arseno Lake in the northwest part of the belt. Gold is also associated with a zone of intense shearing and quartz-sulphide-iron carbonate alteration in the North Caribou River Deformation zone in the west part of the belt. The North Caribou River Fault strikes approximately east-west, may be D_1 related, and has a strike length of over six miles.

In the Opapimiskan Lake area, a consortium of companies headed by Dome Exploration (Canada) Ltd. has outlined two significant areas of gold mineralization. Gold occurs in deformed banded iron formation in the West Anticline zone and East Bay syncline (Snoppy Lake) area of the Musselwhite property. Gold mineralization is associated with magnetite-destructive gruneritization of oxide facies iron formation in D_2 related structures. Most of the gold is present as microscopic grains within pyrrhotite which has mineralized iron formation D_2 shear zones, quartz veins following S_2, and garnet-tourmaline-albite rich granitoid dykes subparallel to S_2.

Published reserves for the West Anticline zone are over 3.2 million tons at 0.17 ounces gold per ton. Reserves for the East Bay Syncline deposits are estimated at 6 million tons grading 0.2 ounces gold per ton.

In 1985, Van Horne Gold Exploration Inc. announced a gold discovery in the same band of iron formation which hosts the West Anticline and East Bay Syncline deposits.

In the Neawagank Lake area, in the extreme eastern end of the belt, gold occurs in association with iron formation and in silicified shear zones within a gabbroic intrusive.

8.0 PROPERTY GEOLOGY

8.1 GENERAL DESCRIPTION

The geology of the property is described in previous assessment reports (North, 1985; 1987). The property straddles the North Caribou River Fault, which is an ENE-WSW zone of intense deformation which transects the property for a total strike length of 5.4 miles. Four Archean supracrustal packages are unconformably justaposed along the fault; the Agutua Arm andesites, Keeyask Lake metavolcanic-metasedimentary complex, South Rim basalts, and Eyapamikama Lake metasediments. Each of these sequences is unique in composition, and alteration mineralogy where affected by fault-related deformation and fluid penetration. The geology of each of these supracrustal packages is summarized below.

8.2 AGUTUA ARM ANDESITES

These rocks crop out in the northwest part of the property, and consist of light green pillowed andesite, intermediate pyroclastics and autoclastic breccia, basalt and gabbro. The stratigraphy strikes east-west and dips gently south. The rocks have an on property thickness of approximately 5,900 feet. Where affected by shearing, these rocks alter to retrograde assemblages containing variable amounts of chlorite, sericite, quartz and ankerite. Shear zones are abundant in these rocks, varying in width from a few inches to over 6 feet, and may contain up to 3-5% combined pyrite, chalcopyrite, and arsenopyrite as disseminations and small

stringers. These shear zones are prominent north of Discovery Lake.

8.3 KEEYASK LAKE COMPLEX

This is a 2,000 foot thick north-south striking, east facing sequence which overlies the Agutua Arm andesites above an observed angular depositional unconformity. The base of this sequence consists of, in correct stratigraphic order; chert pebble conglomerate, quartz arenite, argillite, banded iron formation, ultramafic flows and plagioclase-phyric basalt.

These rocks are affected by strong folding and shearing related to two directions of faulting; an early north-south trending fault (the Centre Lake Splay), and the younger pervasive fabric of the main fault which follows the south shore of the North Caribou River and marks the contact of the South Rim basalts and the Eyapamikama Lake metasediments.

The most pervasive alteration occurs in ultramafic rocks east of Centre Lake which have pervasively altered to talc, carbonate, and chlorite and are crosscut by conjugate bull quartz stringer networks. The other lithologies in the sequence, especially banded iron formation, have been folded and sheared extensively.

8.4 SOUTH RIM BASALTS/EYAPAMIKAMA LAKE METASEDIMENTS

The South Rim Basalts with a true thickness of 4,500 feet of dark green basalt, and minor intercalations of magnetite and grunerite iron formation are exposed in the southern part of the property. This east-west trending sequence is

overturned to the south. The structural fabric of the main fault is approximately parallel to bedding in the volcanics. Innumerable concordant shear zones, filled with quartz-carbonate-sulphide veins cut these rocks. This basalt platform is conformably overlain by epiclastic rocks of the Eyapamikama Lake metasediments. The contact with these rocks is tectonized. A discontinuous band of iron formation occurs at the top of the South rim basalts, and is used to define the boundary between the South Rim and Eyapamikama Lake sequences.

The current drilling program has resulted in the definition of some new geological features of the main fault, and of the tectonized boundary between the South Rim and Eyapamikama Lake sequences. First, an iron formation bed varying from 1 foot to over 25 feet in thickness, occurs near the South Rim-Eyapamikama boundary. This bed is associated intimately with a newly defined belt of ultramafic rocks which occur in the main fault. The ultramafic belt varies in width from a few inches to over 300 feet. The ultramafic rocks were probably flows originally, however, they are pervasively altered to carbonate-chlorite-talc schist, hence no primary cooling textures were observed. In addition, by the nature of their rheology and alteration style, these ultramafic rocks have taken up much of the strain from the fault due to their ductility (talc) which was no doubt formed in the earliest stages of regional deformation. The iron formation bed hosted in these rocks deformed in a brittle manner, and often occurs as large breccia fragments and transposed blocks within the ultramafics.

The rocks of the Eyapamikama sequence consist mainly of coarse granular sericitic arkose with subordinate chloritic

mudstone and argillite. These rocks are intensely deformed and pervasively altered to quartz and sericite, and often contain significant widths of fault-related quartz flooding ± tourmaline stringers and disseminated pyrite.

8.5 STRUCTURE

The North Caribou River Fault strikes 060° to 070° and dips 70° to 80° south. The fault is associated with a penetrative cleavage which is roughly conformable with the ENE-WSW trending South Rim and Eyapamikama Lake stratigraphy. The fault fabric crosscuts the Keeyask and Agutua Arm stratigraphy at a very high angle. Field relations indicate that the fault was active over a very long time period (i.e. it has deformed itself in the late stages). The north-south trending Centre Lake Splay is an old fault which only affects the Keeyask Lake Complex. Kinematic indicators suggest a dextral displacement of unknown magnitude in the main fault. Mineral streaking lineations and minor folds plunge 60°-70° west over most of the property and plunge vertically or steeply east at the far west end of the property.

The straight shorelines of Discovery Lake and the straight southern shoreline of the North Caribou River emulate the boundaries of the main fault. In the Discovery Lake area, mylonitized porphyroclastic quartz-sericite schist with 1/8-1/4" quartz rods form the northern rocky shoreline of the lake. The mylonite is pervasively sericitized and silicified by fault-related metasomatism. The quartz sericite schist grades into a wide zone of silicification and sulphide mineralization under the lake, and into poorly sorted massively bedded sericitized arkose which is in contact with the South Rim ultramafic belt near the southern shoreline of the Lake.

The steep rocky southern shoreline of the lake follows the contact of the relatively massive South Rim pillowed basalts, and the recessively weathered talc-carbonate schist of the South Rim ultramafic belt. Since the highly metastable ultramafic rocks altered to a ductile metamorphic assemblage during the development of the fault, most of the fault strain was taken up by these rocks leaving the South Rim basalts relatively massive even though they are proximal to this major crustal break.

8.6 METAMORPHISM

The rocks of the property are affected by regional middle-upper greenschist facies metamorphism. Rocks affected by shearing and fault related metasomatism are altered to assemblages containing abundant carbonate, sericite, chlorite and quartz.

9.0 SUMMARY OF GEOPHYSICS

A great deal of magnetic and VLF-EM activity are present on the property. The geophysical trends are conformable with the bedrock geology of the north-south trending Keeyask Lake Complex and east-northeast west-southwest trending South Rim-Eyapamikama stratigraphy. Strong VLF-EM conductor axes and intermittent magnetic highs coincide with the North Caribou River fault zone for its entire strike length on the property. The VLF-EM data indicates that the fault has a property strike length of 5.4 miles. Several bands of magnetic iron formation are indicated to be present in both the South Rim volcanics and the Keeyask Lake Complex.

Detailed magnetic and induced polarization surveys are warranted over the North Caribou River fault zone. The zone

should be easily traceable in overburden covered areas by magnetics since magnetic banded iron formation was found in the fault zone at four localities on the property and appears to follow the fault throughout the property. Induced polarization surveys would aid in outlining disseminated sulphides in the fault, which are known to be associated with high grade gold mineralization on the property.

10.0 SUMMARY AND RESULTS OF DRILLING PROGRAM

Twenty-six drill holes were completed as per the recommendations of the 1987 prospecting and trenching report (North). Seven closely spaced holes were drilled on the quartz-vein gold showings between L20 and L26 east. The other 19 holes were regularly spaced along the North Caribou Fault zone for a total strike length of 4.1 miles. Hole locations are shown on the Plan of Drilling (Figure No. 4). The drill logs are enclosed in Appendix B, and are summarized in Table No. 1. Drill Sections and legend are compiled in Appendix C.

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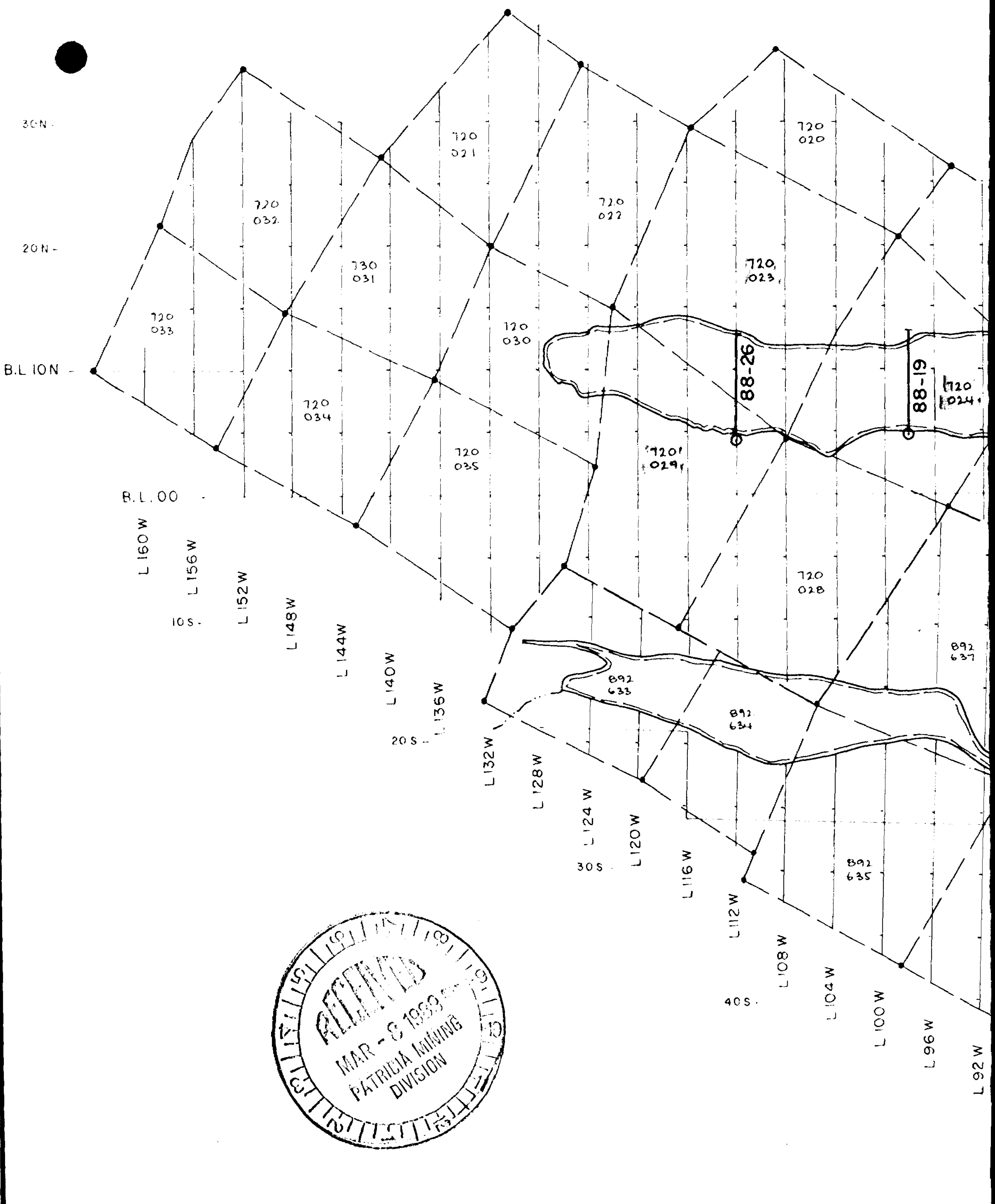
Gold i
Interv



LEGEND

e projection of
nd drill hole .....

oz/ton ——→ 0·151
l in feet ——→ 5·0

88-15

North Caribou River

L8
L80
L76N
L72N
L68N
L64N
L60N
L56N
L52N
L48N
L44N
L40N
L36N
L32N
L28N

720099
720093
720092

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88-20A
88-20

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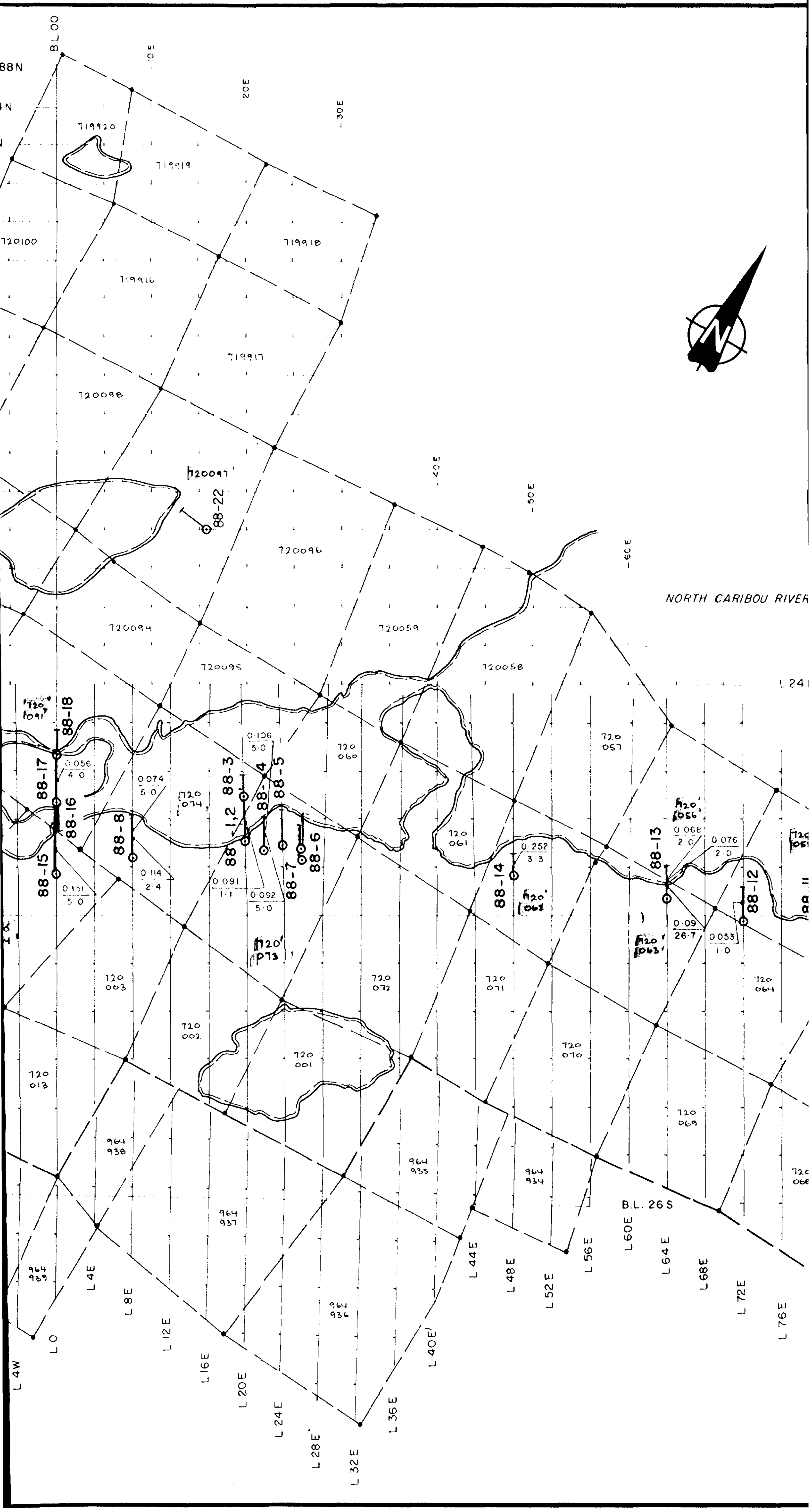

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88-18
88-22
0.056 4.0
0.074 5.0
0.106 5.0
0.114 2.4
0.151 5.0
0.091 1.1
0.092 5.0
0.252 3.3
0.068 2.0
0.076 2.0
0.09 26.7
0.053 1.0
B.L. 26 S
L 4W
L 0
L 4E
L 8E
L 12E
L 16E
L 20E
L 24E
L 28E
L 32E
L 36E
L 40E
L 44E
L 48E
L 52E
L 56E
L 60E
L 64E
L 68E
L 72E
L 76E
20E
30E
40E
50E
60E

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area
Patricia M.D., Ontario

PLAN OF DRILLING
1988

GEOCANEX LTD
TORONTO, CANADA

BY: / R.T.M.
DATE: MAR. '88
SCALE: 1" = 1000'
FIG. No. 4

0 500 1000 1500 2000 FT.

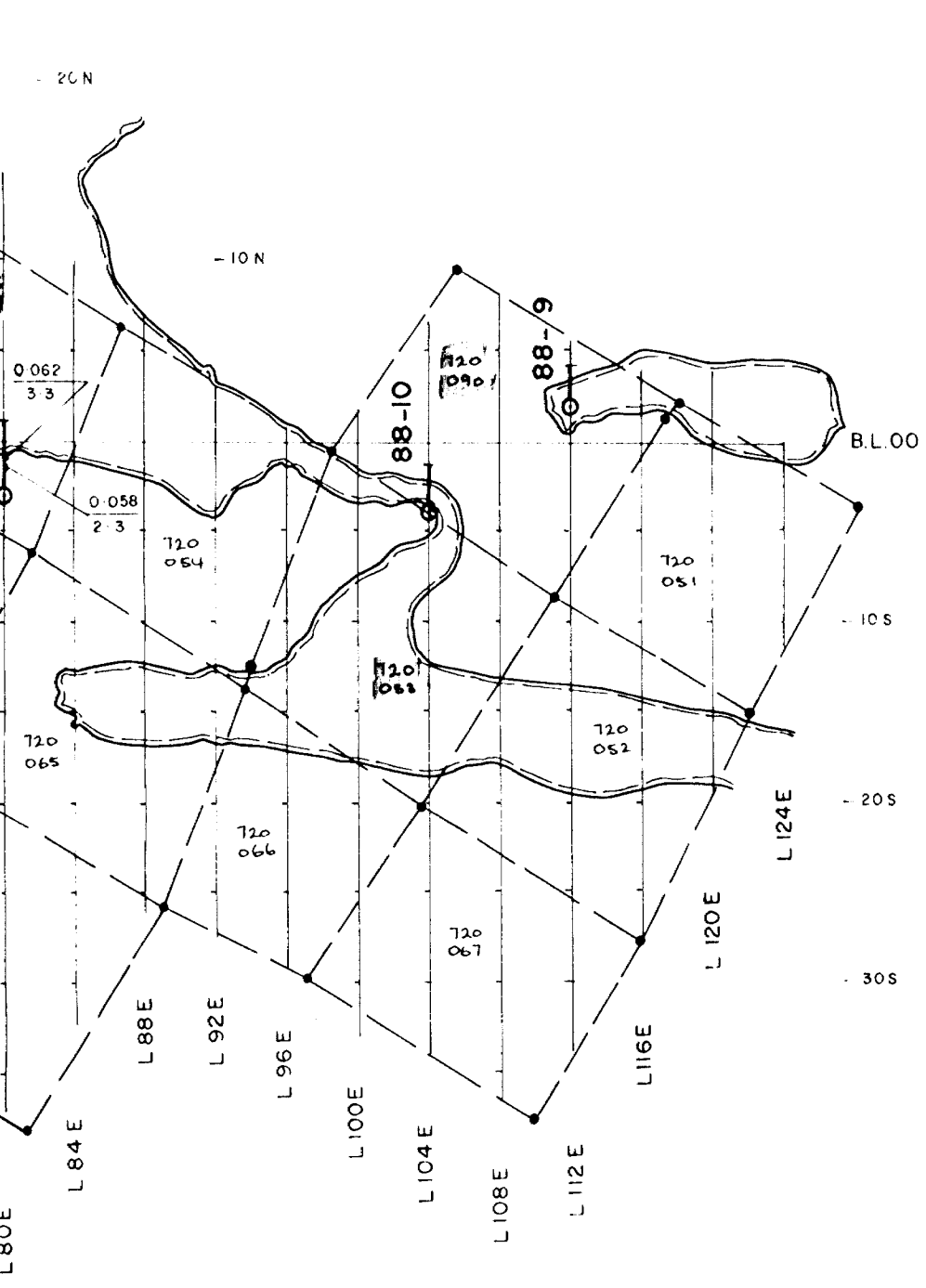

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
RL-88-1	L20E, 6+58N	787.0	Basalt flows in contact with metasediments below 150 ft. All lithologies are sheared, most intense alteration at volcanic-sediment contact.	10010	0.04	117.3	118.2	.9	- Quartz vein, trace pyrite
				10022	0.014	168.9	172.4	3.5	- Quartz stringers in sheared sediment, 3-5% pyrite
				10025	0.020	181.6	182.9	1.3	- Quartz veinlets, 7% pyrite
				10113	0.010	578.0	582.1	4.1	sheared, silicified sediment
RL-88-2	L20E, 6+55N	523.7	Basalt in top of hole, in contact with metasediments below 113.4 feet, as per RL-88-1.	10135	0.024	80.8	84.4	3.6	- Mudstone, 1% pyrite
				10152	0.088	180.5	181.6	1.1	- Quartz vein, .5-1% pyrite, trace-.5% galena, 10-15% carbonate
				check	0.094				
				10157	0.024	194.3	199.0	4.7	- Siltstone, 1% pyrite
				10163	0.022	218.0	221.1	3.1	- Brecciated mudstone, trace pyrite as per 10163
				10164	0.010	221.1	223.8	2.7	
				10199	0.020	377.5	381.2	3.7	- Silicified greywacke, trace pyrite
RL-88-3	L20E, 12+52N	297.0	Interbedded mudstone and greywacke, shear zone from 253-271, with disseminated sulphides.						
RL-88-4	L22E, 6+81N	447.0	Mafic volcanic in top of hole in sheared contact with interbedded metasediments iron formation and ultramafic schist, greywacke at end of hole.	10374	0.094	44.1	49.1	5.0	- Concordant quartz veins, 1% chalcopyrite, .5% pyrite
				check	0.090				
				10375	0.014	49.1	54.0	4.9	- Brecciated mafic volcanic
				10377	0.108	59.0	64.0	5.0	- .6 ft. quartz vein with 1% chalcopyrite and pyrrhotite
				check	0.104				
				10378	0.010	64.0	69.0	5.0	- Mafic volcanic
				10395	0.014	137.3	142.0	4.7	- Siltstone, .5% pyrite
RL-88-5	L24E, 7+27N	437.3	Mafic volcanic in top of hole, in contact with trace ultramafic schist, hole ends in massive greywacke.						
RL-88-6	L26E, 7+01N	447.0	Mafic volcanic in top of hole, in contact with sheared interbedded ultramafic schist and clastic sediments, minor iron formation, hole ends in greywacke.	10238	0.014	35.6	38.1	2.5	- Lean iron formation, 1-2% pyrite, trace pyrrhotite
				10250	0.020	148.0	153.0		- Sheared intermediate tuff, 30% quartz stringers, 1-5% pyrrhotite

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
RL-88-7	L26E, 6+15N	597.0	As per RL-88-6						
RL-88-8	8+00E, 6+07N	567.0	Dominantly mafic volcanics with narrow horizons of siltstone, ultramafic schist and greywacke. Two narrow pyrrhotite-rich sulphide zones are found within the mafic volcanics and 2.7 feet of lean iron formation overlies the greywacke unit.	10440	0.116	50.0	52.4	2.4	- Highly fractured mafic volcanics with cross-cutting quartz-calcite veinlets
				check	0.112				
				10472	0.070	287.0	292.0	5.0	- Silicified mafic volcanics, narrow chert-magnetite bands, 0.5-1.0% pyrite and trace-0.5% pyrrhotite
				check	0.078				
				10484	0.014	355.0	360.0	5.0	- Siltstone with trace-0.5% pyrite, highly contorted calcite veinlets
				10485	0.024	360.0	365.5	5.0	- As above with 1% pyrite
				10487	0.026	370.0	375.0	5.0	- Numerous 5-10" quartz-calcite veins, 1% pyrite
				10488	0.018	375.0	380.0	5.0	- As per 10484
				10489	0.026	389.9	394.9	5.0	- As per 10484
RL-88-9	112+00E, 1+47N	294.0	A thick sequence of felsic volcanics consisting of flows and tuffs. The target for this hole was a good VLF-EM conductor (W) which has a strike length of over 2,000 ft. No explanation for this conductor was encountered in this hole.						
RL-88-10	104E, 4+00S	347.0	Intermediate tuff overlies a sequence of interbedded intermediate tuff and mudstone which overlies a greywacke and mudstone. A thick package of felsic volcanics (flows) underlies the metasediments.	10522	0.012	174.2	179.0	4.8	- Very highly sheared, deformed with strong talc-carbonate-sericite alteration, quartz veinlets and pods, trace-1% pyrite/pyrrhotite/arsenopyrite

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	SAMPLE DESCRIPTION
RL-88-11	80E, 2+98S	557.0	Mafic volcanics with an interbed of banded iron formation (11.1' downhole thickness) overlies a sequence of alternating ultramafic volcanics and metasediments. The iron formation is generally undeformed and has 1-5% pyrite/pyrrhotite and trace arsenopyrite.	10869	0.060	47.0	49.3	2.3	- 1.0" quartz-calcite-tourmaline veinlet with trace pyrite
				check	0.056				
				10879	0.012	74.0	84.0	5.0	- Trace pyrite in a slightly argillaceous interval
				10891	0.014	132.0	134.0	2.0	- Numerous irregular quartz veinlets with 1-2% pyrite/pyrrhotite, trace arsenopyrite
				10898	0.014	167.0	172.0	5.0	- Very granular, highly sheared greywacke with trace pyrite, trace pyrrhotite
				10899	0.020	172.0	175.0	3.0	- As per 10898
				10927	0.062	297.2	300.5	3.3	- Ultramafic volcanic with 3" and 5" silicified, calcareous intervals with crosscutting quartz stringers (≤1/8")
				10930	0.018	305.2	307.0	1.8	- Siltstone with 7% arsenopyrite/pyrite in an irregular quartz-calcite veinlet
RL-88-12	72+00E, 0+66S	497.0	Mafic volcanics overlie metasediments which in turn are separated by two banded iron formations. The first iron formation encountered is highly deformed and folded and contains 1-3% pyrite/pyrrhotite. The second iron formation encountered is highly folded and has 1-10% pyrite, 1-5% arsenopyrite and trace-2% chalcopyrite. A thick sequence of interbedded greywacke and mafic to ultramafic volcanics underlie the second iron formation.	10975	0.010	47.0	52.0	5.0	- Trace pyrite in mafic volcanic with quartz veinlets
				10988	0.018	126.0	127.7	1.7	- 1-5% pyrite/pyrrhotite in a brittley deformed interval of BIF
				10989	0.020	127.7	128.7	1.0	
				9013	0.020	216.3	217.3	1.0	- 1-3% pyrite in brittley deformed iron formation
				9014	0.054	217.3	218.3	1.0	- As per 9013 with 20% pyrite
				check	0.052				
				9015	0.040	218.3	219.8	1.5	- 1.0" band of 90% massive pyrite/arsenopyrite at 219.4', 3% sulphide in remainder, interval in iron formation
				9016	0.040	219.8	221.0	1.2	- Very talcose interval in greywacke, possible ultramafic flow
RL-88-13	64E, 1+52N	487.0	Mafic volcanic overlying a banded iron formation (26.7' down hole) with 20-30% secondary quartz-carbonate veining, 1-10%	9064	0.053	122.7	124.0	1.3	- Highly contorted quartz-carbonate vein with inclusions of host material, 1-10% pyrrhotite/pyrite, trace arsenopyrite
				9065	0.048	124.0	125.9	1.9	

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
			pyrrhotite/pyrite, trace arsenopyrite throughout and 1.1' of massive pyrrhotite at the top of the unit. These units overlie a sequence of interbedded metasediments and ultramafic volcanics. A strong magnetic depression and associated moderate VLF-EM conductor (P) corresponds with the iron formation and 1.1' band of massive sulphide within the iron formation.	9066	0.170	125.9	127.0	1.1	- 70-80% massive pyrrhotite/pyrite, trace arsenopyrite
				9067	0.117	127.0	128.5	1.5	- 1-15% pyrrhotite/pyrite, trace arsenopyrite with up to 30% secondary quartz veining in a BIF
				9068	0.139	128.5	130.0	1.5	
				9069	0.106	130.0	131.5	1.5	
				9070	0.072	131.5	133.5	2.0	
				9071	0.034	133.5	135.0	1.5	
				9072	0.100	135.0	136.0	1.0	
				9073	0.179	136.0	137.0	1.0	
				9074	0.111	137.0	139.0	2.0	- Highly sheared, chloritized mafic volcanic interbed with 1-3% pyrrhotite/pyrite, 1% arsenopyrite
				9075	0.040	139.0	140.0	1.0	- 5-15% pyrrhotite/pyrite with up to 30% secondary quartz veining
				9076	0.210	140.0	141.8	1.8	
				9077	0.016	141.8	144.0	2.2	- Interbed of highly contorted chloritized mafic volcanic with numerous quartz veinlets
				9078	0.076	144.0	146.0	2.0	
				9079	0.057	146.0	147.4	1.4	
				9080	0.068	147.4	149.4	2.0	- Lean iron formation with 1-3% pyrrhotite/pyrite
RL-88-14	48E, 4+05N	327.0	Mafic volcanics overlie an interval of highly sheared mafic volcanic and lean iron formation, followed by a sequence of interbedded metasediments and ultramafic volcanics.	9128	0.018	56.0	58.0	2.0	- 4.5" quartz-calcite vein at 70° to core axis with inclusions of wallrock and pyrite in a slightly tacl interval
				9138	0.012	137.1	142.0	4.9	- Trace pyrite in a slightly tuffaceous chloritized volcanic
				9141	0.248/ 0.256	162.5	165.8	3.3	- Greenish-grey, bleached mafic volcanic with abundant (10-20%) secondary quartz veinlets (≤1/2") and augen parallel to S_1
				9146	0.040	172.7	174.0	1.3	- Sheared chloritized volcanic with quartz veinlets, associatedwith lean iron formation

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
RL-88-15	L00, 4+38N	662.0	Interbedded argillaceous wacke and mafic volcanic, intense shearing and carbonitization throughout hole, iron formation and crosscut sulphides intersected at bottom of hole in ultramafic schist.	9510	0.016	63.4	68.4	5.0	- Talc-carbonate schist cherty sediment, 5% pyrite, trace-.5% pyrrhotite
				9513	0.014	80.8	84.2	3.4	
				9525	0.022	224.1	228.7	4.6	- Mafic volcanic, .5% pyrite
				9528	0.152	247.0	252.0	5.0	as per 9525
				check	0.150				
RL-88-16	L00, 11+70N	358.7	Alternating mafic volcanic and ultramafic volcanic overlie a thin horizon of greywacke which lies above a banded iron formation. The iron formation (9.7' down hole) is highly distorted and has trace-10% pyrite/pyrrhotite and trace chalcopyrite. The iron formation overlies a sequence of interbedded chert and greywacke.	10838	0.010	243.0	246.0	3.0	- Highly silicified volcanic sheared at 20° to core axis, trace-0.5% pyrite with numerous quartz-carbonate veinlets
RL-88-17	L00, 11+54N	677.0	Mafic volcanics overlie a banded iron formation (28.3' down hole) with numerous crosscutting quartz-tourmaline veinlets and stringers, trace-10% pyrrhotite/pyrite, trace-2% arsenopyrite and trace chalcopyrite. A sequence of alternating metasediments and mafic to ultramafic volcanics underlie the iron formation. The metasediments consist of greywackes and siltstone.	10757 check	0.052/ 0.060	376.0	380.0	4.0	- Moderately silicified with 1-3% pyrite/pyrrhotite, numerous irregular quartz-calcite pods in a mafic to ultramafic flow
RL-88-18	L00, 16+44N	357.0	An alternating sequence of mafic volcanics (flows) and metasediments consisting of greywackes and siltstone.						

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
RL-88-19	98+03W, 4+62N	997.0	A thick unit of mafic and ultramafic volcanics overlying an equally thick unit of metasediments with narrow horizons of interbedded volcanics. Metasediments consist of a quartz-sericite schist with trace-2% pyrite.						
RL-88-20	L20W, 4+28N	67.0	Mafic volcanic, highly foliated quartz-chlorite schist, hole aborted due to caving around casing.						
RL-88-20A	20+05W, 4+28N	797.0	Mainly ultramafic schist with interbedded iron formation at top of hole, intersected highly magnetic, granular black pyroxenite intrusive from 386.0-545.1, ultramafic schist below this, highly sheared, hole ends in quartz eye rhyolite.						
RL-88-21	L20W, 10+00N	772.0	Collared in gabbro and siltstone in contact with quartz-eye rhyolite with minor inclusions of talc-carbonate schist, fault zone intersected from 528.2-654.7, stopped hole in mafic volcanic.						
RL-88-22	L40N, 15+51E	427.0	A thick package of ultramafic volcanics separated by a banded iron formation overlie a thick interval of quartz-porphyry. The iron formation (11.3' down hole) is highly sheared and altered with trace-5% pyrite/pyrrhotite.						

TABLE I

SUMMARY OF DIAMOND DRILL HOLES

HOLE NO.	LOCATION	LENGTH FEET	GENERAL GEOLOGY	ASSAY NO.	OUNCES GOLD/TON	<------FOOTAGE------> FROM	TO	TOTAL	SAMPLE DESCRIPTION
RL-88-23	L48W, 5+56N	608.0	Collared in mafic volcanic, interbedded sheared ultramafic schist and banded iron formation from 137.8 to 308.5, from 308.5 to end of hole intersected sheared, silicified greywacke with up to 5% disseminated pyrite.						
RL-88-24	L64W, 4+74N	817.0	Mafic volcanic in top of hole in contact with interbedded iron formation and ultramafic schist, below 250 ft. intersected variably sheared and silicified quartz-sericite schist with up to 5% disseminated pyrite.	9811	0.030	97.4	102.4	5.0	- Mafic volcanic, trace-5% pyrite
RL-88-25	L80W, 4+53N	897.0	A thick sequence of alternating mafic volcanics and interbedded ultramafic volcanics and banded iron formation overlie a package of metasediments. The iron formations are less than 5.0' wide and contain trace-1% pyrite. A highly sheared quartz-sericite schist with up to 5% disseminated pyrite occurs several times within the metasediments.						
RL-88-26	L112W, 4+34N	997.0	Mafic volcanics overlying a thick package of ultramafic volcanics crosscut by mafic intrusives (gabbro). Volcanics are followed by a thick sequence of metasediments including several quartz-sericite schist disseminated pyrite units. Mafic and ultramafic volcanics are contained within the metasediments. All units from the start of the ultramafic through the metasediments lie within the strong influence of the fault zone.						

11.0 CONCLUSIONS

Gold mineralization is widespread on the property. All of the gold-bearing drill intersections contain either quartz-carbonate veins in sheared, carbonatized mafic volcanics, and to a lesser extent sediments, or sulphidized, sheared iron formation and mafic volcanics. Unfortunately, the wide zone of shearing, silicification and sulphide mineralization under Discovery Lake was not auriferous, however, a number of geological targets which were drilled beneath surface showings in the eastern part of the property were gold bearing. These results are summarized again below.

Below the high-grade surface showings between L20E and L26E, a number of significant intersections were encountered (ounces gold per ton/feet) viz: 0.088/1.1 from RL-88-2, and 0.090/5.0, 0.104/5.0 from RL-88-4. Each of these intersections contained sulphide-bearing quartz veins similar to the veins encountered on surface. An assay of 0.116/2.4 was obtained in sheared mafic volcanics with crosscutting quartz stringers in RL-88-8, 1,200 feet west of RL-88-2. RL-88-15 was collared 2,000 feet west of RL-88-2 and contained an intersection of sheared mafic volcanic grading 0.15/5.0.

The most interesting area of the property lies between L48E to L72E. RL-88-12, 13, and 14 were drilled in this area, over a structural/stratigraphic strike length of 2,400 feet. RL-88-13 contained an interval grading (ounces gold per ton/feet) 0.09/26.7. This long intersection contains an interval which grades 0.116/15.9. This mineralization consists of quartz veins and sulphide mineralizaton in sheared iron formation and subordinate mafic volcanic. RL-88-12 was collared 800 feet east of RL-88-13 and

contained an interval of sheared mafic volcanics with minor iron formation grading 0.038/4.7. RL-88-14 was collared 1,600 feet west of RL-88-13 and contained an interval of bleached mafic volcanics with secondary quartz veinlets grading 0.248 ounces gold per ton over 3.3 feet.

12.0 RECOMMENDATIONS

12.1 PHASE 1

Closely spaced diamond drilling is recommended to investigate the continuity of the gold mineralization encountered in RL-88-13. This drilling should initially be focused near the collar of this discovery hole should a mineable tonnage of mineralized rock be present in the immediate area. Fill in drilling is recommended between L48 and L72 east, since gold mineralization similar to that encountered in RL-88-13 was intersected along strike in drilling in this area. Drilling is also recommended in the Centre Lake area, since a number of untested geophysical targets are present here, and anomalous gold mineralization, and favourable geology for gold mineralization have been described in this area.

Approximately 10,000 feet of closely spaced drilling are required in the vicinity of RL-88-13, and an additional 5,000 feet of exploratory drilling are required in the Centre Lake area.

12.2 PHASE 2

Additional diamond drilling contingent upon favourable results from Phase 1.

13.0 ESTIMATED COST OF RECOMMENDED PROGRAM

13.1 PHASE 1

Fifteen thousand feet of drilling
at an approximate all inclusive
cost of $40.00 per foot $600,000.00

Contingency 20% 120,000.00

Total estimated cost of Phase 1 .....$720,000.00

13.2 PHASE 2

The cost of this program is contingent upon the results of Phase 1.

Respectfully submitted,

Jon W. North, B.Sc.

14.0 REFERENCES

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Thurston, P.L., Sage, R.P. and Siraguse, G.M., 1979. Geology of the Winisk Lake Area; District of Kenora, Patricia Portion; OGS Report 193.

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 interpretative, 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 24 DAY OF June 1988

Jon W. North, B.Sc.
Geologist

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-1 LENGTH: 787 feet
LOCATION: L20+00E 6+58N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -45°
STARTED: 1988-01-17 FINISHED: 1988-02-21

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-39°				
400	-34°				
600	-29°				

HOLE NO. RL-88-1 SHEET NO. 1 of 1
REMARKS Pa 720073
LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	12.5	Casing, blocky bedrock									
12.5	144.8	Mafic volcanic, grades into tuffaceous, sheared siltstone at 107.0 feet. Approximate southern fault boundary at 107.0 feet 117.3 to 118.2 glassy quartz vein, trace pyrite	10010	tr	117.3	118.2	0.9			.040	
144.8	181.6	Tuffaceous laminated sediment, sheared, quartz veinlets and stringers 157.0 to 181.6 abundant intervals with net textured quartz veinlets, 3-5% calcite, tr-.5% disseminated pyrite	10022	3-5	168.9	172.4	3.5			.014	
181.6	205.1	Mudstone, highly contorted 181.6 to 182.9 cross-cutting quartz veinlets, 5-7% pyrite	10025	7	181.6	182.9	1.3			.020	
205.1	448.6	Greywacke, northern fault boundary at approximately 400 feet									
448.6	555.5	Interbedded greywacke and chloritic mudstone									
555.5	697.5	Greywacke 578.0 to 582.1 sheared, deformed granular siliceous sediment	10113	.5	578.0	582.1	4.1			.010	
697.5	760.0	Chloritic mudstone									
760.0	787.0	Greywacke									
787.0		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-1 LENGTH 787 feet
LOCATION L20+00E 6+58N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-01-17 FINISHED 1988-01-21

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
Casing	-45°				
200	-39°				
400	-34°				
600	-29°				

HOLE NO. RL-88-1 SHEET NO. 1 of 7
REMARKS Pa 720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	12.5	Casing in broken bedrock	10001	.5	21.8	26.6	4.8			tr	
12.5	144.8	Mafic Volcanic - typical									

Foliated, dark green, chloritized basalt flows. Abundant 1/8" to 1" white quartz stringers parallel to foliation. Texture varies from schistose sheared volcanic to massive looking chloritized gabbro. Occasional 1" to 1 ft. thick intervals of biotite (potassium) alteration.

Average Modes:

chlorite	50-60%
biotite	10-15
plagioclase	10-15
quartz	5-7
carbonate	2-3
pyrite	tr-.5
pyrrhotite	tr

12.5 to 43.6 Typical foliated flows

- 37.0 67° to C.A.

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-1 SHEET NO. 2 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		43.6 to 107.0 Very highly sheared volcanic.	10002	1	43.6	45.3	1.7			.002		
		- Abundant biotite rich intervals, and quartz-carbonate stringers.	10003	.5	45.3	49.7	4.4			Tr		
		- 57.0 68° to C.A.	10004	tr	57.0	61.8	4.8			Tr		
		- 72.6 to 75.6 biotite alteration, .5 to 1% pyrite/pyrrhotite stringers, 69° to C.A.	10005	1	72.6	75.6	3.0			Tr		
		- 79.8 to 105.2 - 2% fine to medium grained disseminated pyrite blebs, 69° to C.A.	10006	2	79.8	84.0	4.2			Tr		
			10007	1	84.0	87.8	3.8			.002		
			10008	1	98.6	103.6	5.0			.002		
			10009	3	103.6	105.2	1.6			.008		
		107.0 to 144.8 The volcanic is very tuffaceous in this interval, and appears to grade into the sediments to the north.										
		- 112.0 70° to C.A.										
		- 117.3 to 118.2 - glassy quartz vein, tr pyrite	10010	tr	117.3	118.2	0.9			.040		
		- 118.2 to 120.9 - sheared volcanic, 1% pyrite, 2-3% calcite	10011	.5	118.2	120.9	2.7			.004		
		- 128.0 to 128.1 - magnetite rich tuff horizon, 70° to C.A.	10013	tr	134.2	138.9	4.7			Tr		
			10014	1	143.6	144.8	1.2			Tr		
		- 141.8 to 142.0 - magnetite-chert bed										
144.8	181.6	Tuffaceous laminated sediment	10015	.5	144.8	148.1	3.3			.002		
		Gradational from mafic tuff, consists of dark green and brown-green lamina of mafic tuff (chlorite schist) and mudstone (biotite-chlorite schist) with fine interbeds of buff-grey silt and chert. The unit is highly deformed and often completely contorted, and contains abundant quartz-carbonate stringers and crosscutting veinlets.	10016	.5	148.1	149.3	1.2			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-1 SHEET NO. 3 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		Average Modes: chlorite 20-30% biotite 10-20 chert 20-25 silt 20-25 pyrite tr-.5									
		- 147.0 72° to C.A.									
		- 149.3 to 150.0 - concordant quartz vein, 1.5% pyrite	10017	1.5	149.3	150.0	0.7			Tr	
		- 157.0 to 181.6 - abundant intervals with net textured quartz veinlets, 3-5% calcite, tr-.5% disseminated pyrite	10018	.5	150.0	152.1	2.1			.002	
			10019	.5	157.0	161.4	4.4			Tr	
			10020	.5	161.4	165.3	3.9			Tr	
			10021	.5	165.3	168.9	3.6			Tr	
			10022	3-5	168.9	172.4	3.5			.014	
			10023	.5	172.4	177.0	4.6			.002	
			10024	1	177.0	181.6	4.6			.002	
181.6	205.1	Mudstone									
		Finely laminated, fine grained, dark brown to brown-grey biotite-rich sediment with interspersed buff-white 1/8" to 1/2" cherty and silty interbeds. Often completely folded and crosscut by quartz veinlets. Abundant pyritic intervals, minor graphite.	10025	7	181.6	182.9	1.3			.020	
			10026	.5	182.9	187.6	4.7			.008	
			10027	2	187.6	190.0	2.4				
			10028	.5	190.0	193.4	3.4			Tr	
			10029	1	193.4	197.0	3.6			Tr	
			10030	.5	197.0	199.7	2.7			Tr	
			10031	.5	199.7	205.1	5.4			Tr	
		Average Modes: biotite 40-50% chlorite 5-10 chert 10-15 silt 15-20 calcite 3-5 pyrite 1-2 pyrrhotite tr									
		- 199.7 to 205.1 - finely laminated cherty siltstone, .5% disseminated arsenopyrite, trace pyrite, lost core from 199.7 to 203.0, entire interval is ground and broken.									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-1 SHEET NO.: 4 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
205.1	448.6	Greywacke - typical	10032	.5	205.1	209	3.9			Tr		
			10033	.5	209	213	4.0			Tr		
		205.1 to 400 - Highly sheared	10034	.5	213	217	4.0			Tr		
		Intensley deformed, grey, granular, foliated, siliceous	10035	.5	217	221	4.0			Tr		
		metasediment. Highly altered to sercite and chlorite	10036	.5	221	225	4.0			Tr		
		with abundant secondary talc, ankerite, and fuchsite as	10037	.5	225	229.9	4.9			Tr		
		disseminations and narrow bands. Ubiquitous 1/4 to 1/2"	10038	.5	229.9	232.7	2.8			.004		
		quartz bands parallel to cleavage and minute crosscutting	10039	.5	232.7	235.8	3.1			Tr		
		quartz veinlets and hairs throughout. Rock is very	10040	.5	235.8	238.5	2.7			Tr		
		schistose, with numerous 1/2" to 2" yellow-green sericite	10041	.5	238.5	242.5	4.0			Tr		
		bands, 1/16" to 1/8" blue quartz-eyes throughout, fuchsite	10042	.5	242.5	247	4.5			Tr		
		occurs as disseminated clots and 1/16" wispy bands	10043	.5	247	251	4.0			Tr		
		throughout. Pink carbonate seams fill late crosscutting	10044	.5	251	255.3	4.3			Tr		
		fractures	10045	.5	255.3	258.6	3.3			Tr		
			10046	.5	258.6	261.8	3.2			Tr		
		Average Modes:	10047	.5	261.8	264.7	2.9			Tr		
		quartz 40-50%	10048	.5	264.7	269.2	4.5			Tr		
		sericite 20-30	10049	.5	269.2	273.5	4.3			Tr		
		chlorite 5-10	10050	.5	273.5	277.5	4.0			Tr		
		talc 0-5										
		carbonate (ankerite) 3-5										
		fuchsite tr-.5										
		pyrite tr-.5										
		- 237.0 57° to C.A.										
		- 247.0 62° to C.A.										
		- 277.5 to 311.4 - highly silicified interval, good core	10051	.5	277.5	278.4	0.9			Tr		
		recovery, with quartz vein from 277.5 to 278.4, numerous	10052	.5	278.4	281.7	3.3			Tr		
		1/2" to 2" quartz veins and blebs throughout, 52° to C.A.	10053	.5	281.7	286	4.3			Tr		
		- 325.0 to 328.0 - silicified interval, 15-20% discordant	10054	.5	286	290	4.0			Tr		
		quartz - ankerite veins, 1% disseminated pyrite	10055	.5	290	294	4.0			Tr		
		- 333.4 to 337.2 - 30% core loss, very blocky	10056	.5	294	298	4.0			Tr		
		- 347.0 to 356.8 - moderate silicification, 69° to C.A.	10057	.5	298	302	4.0			Tr		
		- 357.0 - 68° to C.A.	10058	.5	302	306	4.0			Tr		
			10059	.5	306	309	3.0			Tr		
			10060	.5	309	311.4	2.4			Tr		
			10061	.5	311.4	314.3	2.9			Tr		

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-1 SHEET NO. 5 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	ASSAYS ,	Au OZ/TON	Check OZ/TON
			10062	.5	314.3	319	4.7			Tr	
			10063	.5	319	322.5	3.5			Tr	
			10064	.5	322.5	325	2.5			Tr	
			10065	1	325	328	3.0			Tr	
			10066	.5	328	330.5	2.5			Tr	
			10067	.5	330.5	333.4	2.9			Tr	
			10068	.5	333.4	337.2	3.8			Tr	
			10069	tr	337.2	342	3.8			Tr	
			10070	tr	342	347	3.0			Tr	
			10071	.5	347	350.4	3.4			Tr	
			10072	.5	350.4	354.1	3.7			Tr	
			10073	.5	354.1	356.8	2.7			Tr	
			10074	.5	356.8	359.8	3.0			Tr	
			10075	.5	359.8	363.1	3.3			Tr	
		- 363.1 to 364.9 - moderate silicification	10076	.5	363.1	364.9	1.8			Tr	
		- 364.9 to 365.9 - silicified and sericitized flank sample	10077	.5	364.9	365.9	1.0			Tr	
		- 365.9 to 366.6 - discordant bull quartz vein, 1-2% disseminated fine-grained pyrite, trace galena, 15-20% clots of ankerite	10078	1	365.9	366.6	0.7			Tr	
		- 366.6 to 367.5 - silicified flank sample	10079	.5	366.6	367.5	0.9			Tr	
		- 376.4 to 378.3 - 30% quartz stringers, 63° to C.A.	10080	.5	367.5	371.4	3.9			Tr	
		- 386.7 to 389.0 - 7% quartz - ankerite veinlets, 1% pyrite overall, 2% pyrite in veinlets	10081	.5	371.4	374.5	3.1			Tr	
			10082	.5	374.5	376.4	1.9			Tr	
			10083	.5	376.4	378.3	1.9			Tr	
			10084	tr	378.3	383.4	5.1			Tr	
			10085	tr	383.4	386.7	3.3			Tr	
			10086	1	386.7	389.0	2.3			Tr	
			10087	tr	389	394	5.0			Tr	
			10088	tr	394	396.2	2.2			Tr	
		- 396.2 to 399.6 - 10-15% quartz ankerite	10089	tr	396.2	399.6	3.4			Tr	
			10090	tr	399.6	404.1	4.5			Tr	
		400 to 448.6 - Veins; weak to moderate shearing	10091	tr	404.1	409.1	5.0			Tr	
		- 407.0 - 77° to C.A.	10092	.5	409.1	413.6	4.5			Tr	
		- 417.0 - 78° to C.A.	10093	.5	423	427.7	4.7			Tr	
		- 437.0 - 74° to C.A.	10094	tr	429.1	432.6	3.5			Tr	
			10095	tr	432.6	434.8	2.2			Tr	
			10096	tr	440.2	443.2	3.0			Tr	
			10097	tr	443.2	446.7	3.5			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-1 SHEET NO. 6 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OPT ON	ASSAYS Check OPT ON	
448.6	555.5	Interbedded greywacke and chloritic mudstone Gradational from previous unit, consisting of sericitized and sheared chloritic mudstone (green to grey with buff sericite bands) and typical coarse granular quartz pebble greywacke. Each interbed may be as thick as 20 feet, and grade into succeeding units. Sulphide rarely exceeds .5%. Chloritic mudstone average modes: chlorite 20-30% quartz 40-50 biotite 3-5 sericite 10-15 carbonate 1-2 pyrite tr-.5 - 497.0 - 78° to C.A. - 503.3 to 503.6 - discordant quartz vein, .5% pyrite, 2-3% ankerite - 522.7 to 527.9 - highly sheared section, 3-4% ankerite, sericite alteration, moderate silicification, .5% pyrite - 547.0 - 78° to C.A.	10099	tr	448.6	453	4.4			Tr		
			10100	tr	456.1	460.5	4.4			Tr		
			10101	tr	469.4	474.4	5.0			Tr		
			10102	tr	479	484	5.0			Tr		
			10103	tr	484	488.3	4.3			Tr		
			10104	tr	488.3	493	4.7			Tr		
			10105	tr	493	497.8	4.8			.002		
			10106	tr	497.8	502.4	4.6			Tr		
			10107	.5	502.4	507.4	5.0			Tr		
			10108	tr	516.2	521.2	5.0			Tr		
			10109	.5	522.7	527.9	5.2			Tr		
			10110	.5	532.8	538	5.2			Tr		
			10111	.5	551.1	555.5	4.4			Tr		
555.5	697.5	Greywacke - typical 555.5 to 622.0 - typical greywacke, very pebbly and fairly massive Occasional .1 ft. to .4 ft. sheared/carbonatized interval - 570.1 to 570.7 - massive ankerite alteration, foliation 69° to C.A. - 579.2 to 580.5 - quartz - ankerite vein, .5% pyrite - 607.0 - 75° to C.A.	10112	.5	568.5	573.4	4.9			Tr		
			8918	.5	573.4	578.0	4.6			Tr		
			10113	.5	578	582.1	4.1			.010		
			8919	.5	582.1	587.1	5.0			Tr		
			8920	.5	587.1	592.1	5.0			Tr		
			8921	.5	592.1	597.1	5.0			Tr		
			8922	.5	597.1	602.1	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-1 SHEET NO. 7 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton
			8923	.5	602.1	607.0	4.9			Tr	
			10114	.5	607.0	611.8	4.8			.002	
		622.0 to 697.5 - Biotite - rich greywacke, dark brown, laminated, sheared 5-10% biotite on average, numerous quartz stockworks									
		- 621.6 to 625.4 - 15-20% quartz-ankerite veinlets, trace - .5% pyrite in disseminated grains and cross-fractures	10115	.5	621.6	625.4	3.8			Tr	
		- 627.2 to 632.9 - 20% quartz-ankerite veinlets, .5% pyrite, 78° to C.A.	10116	.5	627.2	632.9	5.7			.002	
		- 639.6 to 644.3 - 5-10% quartz veins, discordant, trace	10117	tr	639.6	644.3	4.7			Tr	
		- 657.0 - 74° to C.A.	10118	tr	644.3	649	4.7			Tr	
		- 677.3 to 687.3 - sheared interval, 10% quartz veins, sericitized	10119	tr	649	654.1	5.1			Tr	
			10120	tr	654.1	659.1	5.0			Tr	
			10121	tr	677.3	682.3	5.0			Tr	
			10122	tr	682.3	687.3	5.0			Tr	
697.5	760	Chloritic Mudstone - typical									
		697.5 to 724 - Biotite rich, laminated, dark brown mudstone	10123	tr	697.5	702.5	5.0			Tr	
			10124	tr	717	722	5.0			Tr	
		- 717.0 - 74° to C.A.									
		724 to 760.0 - Rock becomes very chloritic, probably 30-40% mafic tuff component, dark green, tuffaceous	10125	tr	744.6	749.4	4.8			Tr	
		- 747.0 - 81° to C.A.	10126	.5	749.4	754.2	4.8			Tr	
760	787	Greywacke - typical									
		- 769.1 to 783.8 - silicified and sheared, 20-30% discordant quartz-ankerite veins, minor green mica alteration, trace pyrite, 75° to C.A.	10127	tr	769.1	773.2	4.1			Tr	
			10128	tr	773.2	778.3	5.1			Tr	
			10129	tr	778.3	783.8	5.5			.004	
787		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-2 LENGTH 523.7 Ft.
LOCATION L20+00E 6+55N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -59°
STARTED 1988-01-21 FINISHED 1988-01-24

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-59°				
200	-54°				
400	-48°				

HOLE NO. RL-88-2 SHEET NO. 1 of 1
REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	8.6	Casing									
8.6	113.4	Mafic Volcanic 80.4 to 84.4 - mudstone interbed, 1% fine pyrite stringers	10135	1	80.8	84.4	3.6			.024	
113.4	132	Tuffaceous Siltstone									
132	214.4	Grey Siltstone Fault boundary at 142.0 feet 180.5 to 181.6 - quartz-ankerite vein, .5 to 1% pyrite, trace to .5% drusy galena in fractures, few small chlorite clots, 10-15% carbonate	10152	1.5	180.5	181.6	1.1			.088	.094
		194.3 to 199.0 - fine grained, finely laminated trace to 1% pyrite	10157	.5	194.3	199.0	4.7			.024	
214.4	236.4	Cherty Mudstone Breccia, highly brecciated 214.4 to 223.8 - brecciated cherty mudstone, trace to 1% pyrite	10163	tr	218.0	221.1	3.1			.022	
			10164	tr	221.1	223.8	2.7			.010	
236.4	429.5	Greywacke 368.3 to 392.0 - highly silicified zone, abundant sulphide-bearing quartz veins	10199	.5	377.5	381.2	3.7			.020	
429.5	432.7	Lamprophyre Dike									
432.7	523.7	Greywacke Northern fault boundary at 451 feet									
523.7		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-2 LENGTH 523.7 Ft.
LOCATION L20+00E 6+55N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -59°
STARTED 1988-01-21 FINISHED 1988-01-24

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-59°				
200	-54°				
400	-48°				

HOLE NO. RL-88-2 SHEET NO. 1 of 6
REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	8.6	Casing	10130	tr	17.0	22.0	5			Tr	
8.6	113.4	Mafic Volcanic - typical Foliated, dark green, fine grained basalt. Abundant 1/8" to 1" conformable white quartz-carbonate stringers. Texture varies from schistose chloritized volcanic to foliated chloritized gabbro. Occasional 1" to 1 ft. intervals of brown biotite alteration. Light green talcose intervals common. Average Modes chlorite 50-60% biotite 10-15 plagioclase 10-15 quartz 5-7 carbonate 2-3 pyrite tr-.5 pyrrhotite tr									
		8.6 to 92.0 - Minor light green talc alteration, in homogeneous flows - 37.0 - 43° to C.A.									
		- 28.4 to 28.7 - quartz vein, .5% tourmaline, concordant	10131	tr	27.9	32.9	5.0			Tr	
		- 47.9 to 52.8 - 1% pyrite, as fine to medium grained	10132	1	47.9	52.8	4.9			Tr	
		blebs in S_1 and minute crosscutting stringers	10133	tr	57.0	62.0	5.0			Tr	
		- 60.0 - 54° to C.A.	8924	tr	62.0	68.0	6.0			Tr	
		- 74.4 to 79.1 - few quartz stringers, 0.5% pyrite	8925	.5	68.0	74.4	6.4			Tr	
		- 80.8 to 84.4 - mudstone interbed, 1% fine pyrite	10134	.5	74.4	79.1	4.7			.002	
		stringers, 64° to C.A.	8926	.5	79.1	80.8	1.7			Tr	
			10135	1	80.8	84.4	3.6			.024	
			8927	1	84.4	86.6	2.2			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-2 SHEET NO: 2 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		92.0 to 113.4 - Volcanic becomes tuffaceous and often grey and silty looking. Biotite content increased, shearing steadily increasing but not pervasive - 110.0 - 55° to C.A.	10136	.5	86.6	92.6	6			.002	
			10137	.5	92.6	97.6	5.0			Tr	
			10138	.5	97.6	102.6	5.0			Tr	
			10139	.5	108.3	113.1	4.8			.002	
113.4	132.0	Tuffaceous Siltstone Dark grey, fine grained, few brown biotite bands, finely laminated, minor shearing Average Modes silt 50-60% biotite 5-10 carbonate 1-2 pyrite tr-.5 chlorite 20-30	10140	1.5	113.4	117.7	4.3			.002	
			10141	.5	117.7	122.7	5.0			Tr	
			10142	tr	127.0	132.0	5.0			Tr	
132	214.4	Grey Silstone Weakly to strongly sheared fine grained and finely laminated with only minor mafic tuff component overall. Crosscut by ubiquitous 1/16" to 1" quartz-carbonate veinlets parallel to S_1, and a few quartz veinlet networks crosscutting S_1. Rock is frequently silicified by fault-related fluids. Average Modes quartz 50-60% chlorite 15-25 biotite 5-10 carbonate 3-5 pyrite tr-1									

DIAMOND DRILL RECORD

NAME OF PROPERTY... Randall Lake

HOLE NO. RL-88-2 SHEET NO. 3 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		132.0 to 142.0 - Weakly sheared									
		- 140.0 - 50° to C.A.									
		142.0 to 179.0 - Moderately sheared, marbled with 15% quartz-carbonate veins.	10143	.5	142	147	5			Tr	
			10144	.5	147	151.7	4.7			Tr	
		- 142.8 to 143.7 - concordant quartz vein, tr py	10145	tr-.5	151.7	156.4	4.7			Tr	
		- 147.0 to 56° to C.A.	10146	tr-.5	156.4	161.0	4.6			.002	
		- 152.5 to 153.2 - autoclastic breccia	10147	tr-.5	161	166	5			Tr	
			10148	tr-.5	166	171	5			Tr	
			10149	tr-.5	171	175.2	4.2			.002	
			10150	tr-.5	175.2	178.9	3.7			.002	
		179.5 to 214.4 - Intensely sheared and silicified tuffaceous siltstone, abundant quartz-carbonate veins with 1-2% pyrite, and traces of galena, tr-.5% pyrite on average.									
		- 177.0 - 56° to C.A.	10151	tr	178.9	180.5	1.6			Tr	
		- 180.5 to 181.6 - quartz-ankerite vein, .5-1% pyrite,	10152	1.5	180.5	181.6	1.1			.088	.094
		trace - .5% drusy galena in fractures, few small chlorite	10153	tr	181.6	185.5	3.9			.008	
		clots, 10-15% carbonate	10154	tr	185.5	189.7	4.2			.002	
		- 189.7 to 192.3 - 70% vein quartz with silicified wall	10155	1.5	189.7	192.3	2.6			.002	
		rock from 190.6 to 191.4, 1% pyrrhotite, trace - .5%	10156	.5	192.3	194.3	2			Tr	
		pyrite, tr chalcopyrite	10157	.5	194.3	199	4.7			.024	
		- 204.5 to 205.8 - quartz vein, tr - 5% pyrite	10158	.5	199	203.7	4.7			Tr	
			10159	.5	203.7	208.6	4.9			.002	
			10160	1	208.6	211.7	3.1			Tr	
214.4	236.4	Cherty Mudstone Breccia	10161	1	211.7	214.4	2.7			Tr	
		Totally sheared and/or brecciated sediment, altered variably to talc-chlorite schist, sulphides and chlorite fill fractures, minor magnetite bands present									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-2 SHEET NO.: 4 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		Average Modes chert 50-60% chlorite 20-30 biotite 3-5 carbonate 3-5 pyrite tr-2 (talc 0-50%)										
		214.4 to 223.8 - brecciated cherty mudstone, trace pyrite	10162	tr	214.4	218	3.6			Tr		
			10163	tr	218	221.1	3.1			.022		
			10164	tr	221.1	223.8	2.7			.010		
		223.8 to 225.2 - finely laminated chert, fractured, .5-1% magnetite, 1-1.5% pyrrhotite, 2% pyrite, tr-.5% chalcopyrite, 56° to C.A.	10165	4	223.8	225.2	1.4			.002		
		225.2 to 231.0 - contorted talc-chlorite schist, 40-50% talc, minor dismembered folded magnetite beds, 30-40% chlorite, 10% carbonate, .5% pyrite	10166	.5	225.2	231	4.8			Tr		
		231.0 to 236.4 - brecciated cherty mudstone, 1% disseminated arsenopyrite blebs, 1% pyrite/pyrrhotite	10167	2	231	236.4	5.4			Tr		
236.4	429.5	Greywacke - typical Grey to bleached white, granular, foliated siliciclastic rock. Frequently pervasively altered to sericite and chlorite with abundant secondary talc, ankerite and minor fuchsite. Ubiquitous 1/4" to 1/2" quartz veins parallel to S 1. Abundant yellow-green bands of sericite alteration, often pervasive, 1/16" to 1/8" blue quartz-eyes common. Pink carbonate seams fill late fractures and some early shear zones. Foliation often wavy and subparallel to C.A., numerous drag-fold closures	10168	tr-.5	237	241.8	4.8			Tr		
			10169	tr-.5	241.8	246.3	4.5			Tr		
			10170	tr-.5	246.3	251.1	4.8			Tr		
			10171	tr-.5	251.1	255.5	4.4			Tr		
			10172	tr-.5	255.5	260.2	4.7			Tr		
			10173	tr-.5	260.2	265	4.8			Tr		
			10174	tr-.5	265	269.8	4.8			Tr		
			10175	tr-.5	269.8	274.5	4.7			Tr		
			10176	tr-.5	274.5	279.4	4.9			Tr		
			10177	tr-.5	279.4	283.8	4.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-2 SHEET NO.: 5 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		Average Modes	10178	tr-.5	283.8	288.4	4.6			Tr		
		quartz 40-50%	10179	tr-.5	288.4	293.1	4.7			Tr		
		sericite 20-30	10180	tr-.5	293.1	297.5	4.4			Tr		
		chlorite 5-10	10181	tr-.5	297.5	302.1	4.6			Tr		
		talc 0-5	10182	tr-.5	302.1	307	4.9			Tr		
		carbonate 3-5	10183	tr-.5	307	311.6	4.6			Tr		
		fuchsite tr-.5	10184	tr-.5	311.6	316.5	4.9			Tr		
		pyrite tr-.5	10185	tr-.5	316.5	321.2	4.7			Tr		
			10186	tr-.5	321.2	325	3.8			.002		
		236.4 to 325.0 - Highly altered, core is banded yellow to grey with pervasive sericite-talc alteration										
		325 to 340.7 - Decrease in talc alteration, 15-20% sericite core is more grey in colour, but still highly contorted.	10187	tr-.5	325	330	5			Tr		
			10188	tr-.5	330	335	5			Tr		
			10189	tr-.5	335	340.7	5.7			Tr		
		340.7 to 357.0 - Core is regularly banded with narrow (1/8"-1/4") sericite lamenae, 50° to C.A.	10190	tr-.5	340.7	345.7	5			Tr		
			10191	tr-.5	345.7	349.7	4			Tr		
			10192	tr-.5	349.7	354.6	4.9			Tr		
		357.0 to 368.3 - Rock is yellow-green, intensely sericitized, moderate silicification, few discordant quartz-veins, 56° to C.A.	10193	tr-.5	354.6	359.6	5			Tr		
			10194	tr-.5	359.6	364.6	5			Tr		
			10195	tr-.5	364.6	368.3	3.7			Tr		
		368.3 to 392.0 Zone of silicification, pervasively silicified and sericitized interval with abundant quartz veins. 30% secondary silica throughout cross-fractured wacke. Fractures may contain chlorite selvages surrounding cherty looking 1/4" to 1" quartz veins which contain up to 15% ankerite, 1% arsenopyrite, trace - .5% chalcopyrite, 2% pyrite, and 1-2% pyrrhotite.	10196	1.5	368.3	371.4	3.1			Tr		
			10197	1-2	371.4	374.3	2.9			.002		
			10198	3	374.3	377.5	3.2			.002		
			10199	.5	377.5	381.2	3.7			.020		
			10200	.5-1	381.2	386.2	5			Tr		
			10201	.5	386.2	390.2	4			.002		
			10202	.5	390.2	392.0	1.8			.002		
		- 374.3 to 377.5 - quartz vein, 1% arsenopyrite, 2% pyrite, tr - .5% pyrrhotite, tr - .5 chalcopyrite as fine disseminated grains, clots and fracture fillings.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-2 SHEET NO 6 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	.	Au oz/ton	Check oz/ton
		392 to 414.8 - Sericitized greywacke, minor quartz-filled fractures, moderate silicification.	10203	.5	392	397	5			Tr	
			10204	.5	397	402	5			Tr	
			10205	.5	402	407	5			Tr	
		- 397.0 - 57° to C.A.	10206	.5	407	410.5	3.5			Tr	
			10207	.5	410.5	414.8	4.3			Tr	
			10208	tr-.5	414.8	419.9	5.1			Tr	
			10209	tr-.5	419.9	424.2	4.3			Tr	
			10210	tr-.5	427	429.5	2.5			Tr	
429.5	432.7	Lamprophyre Dike	10211	tr	429.5	432.7	3.2			Tr	
		Dark brown, fine-grained, foliated with 20% disseminated 1/4" biotite, laths in a fine-grained, foliated micaceous matrix of biotite and plagioclase. The dike contains a trace of pyrite and a few cross-cutting carbonate-filled fractures.									
		Average Modes biotite 30-40% plagioclase 20-30 amphibole/pyroxene 20-30 carbonate 2-3 pyrite tr									
432.7	523.7	Greywacke - typical									
			10212	tr-.5	432.7	437	4.3			Tr	
		432.7 to 451.4 - Silicified zone	10213	tr-.5	437	441.4	4.4			.002	
		- 440.0 - 71° to C.A.	8928	tr	441.4	446.4	5.0			Tr	
		- 457.0 - 69° to C.A.	8929	tr-.5	446.4	451.5	5.0			Tr	
		451.4 to 523.7 - Minor shearing, highly foliated, trace pyrite	10214	tr-.5	456.2	460.9	4.7			.002	
		- 477.0 - 67° to C.A.	10215	tr-.5	472	477	5			Tr	
			10216	tr-.5	492.8	497.8	5			Tr	
523.7		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-3 LENGTH 297 ft.
LOCATION L20+00E,12+52N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -48°
STARTED 1988-01-24 FINISHED 1988-01-26

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-48°				
200	-42°				

HOLE NO. RL-88-3 SHEET NO. 1 of 1
REMARKS Pa720074

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	SUMMARY LOG DESCRIPTION
0	86.5	Casing
86.5	240.0	Mudstone
240.0	253.0	Interbedded mudstone and greywacke
253.0	297.0	Greywacke
		253 to 271 - shear zone with disseminated sulphides
297.0		END OF HOLE

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO. RL-88-3 LENGTH 297 ft.
LOCATION L20E, 12+52N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -48°
STARTED 1988-01-24 FINISHED 1988-01-26

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-48°				
200	-42°				

HOLE NO. RL-88-3 SHEET NO. 1 of 3
REMARKS Pa720074

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	86.5	Casing
86.5	240.0	Mudstone

Dark green chloritic mudstone at top of interval, gradational to a brown biotite-rich silty mudstone, very fine-grained and finely laminated.

Average Modes:

chlorite	15-25%
biotite	15-25
quartz	40-50
carbonate	1
pyrite	tr-.5

Few 1/16 to 1/4" quartz-carbonate bands.

86.5 to 160.0 - Dark green, very chloritic

- 97.0 - 59° to C.A.
- 157.0 - 65° to C.A.

160 to 240 - Light grey to brown, laminated, less chloritic, biotite-rich

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON
10217	tr-.5	96.3	101.2	4.9			Tr	
10218	tr-.5	110.4	115.3	4.9			Tr	
10219	tr-.5	129.6	134.6	5			.002	
10220	tr-.5	148.6	153.6	5			Tr	
10221	tr-.5	172.0	177.0	5			Tr	
10222	tr-.5	195.3	200.3	5			Tr	
10223	tr-.5	229.3	234.3	5			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-3 SHEET NO: 2 of 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
240	253	Interbedded Mudstone and Greywacke 70% typical biotite-rich mudstone, 20-30% greywacke. Greywacke is siliceous, grey, and poorly sorted. Average Modes: quartz & feldspar 70-75% biotite 10-15 chlorite 5-10 carbonate 1 pyrite tr-.5 - 250.0 - 67° to C.A.	10224	tr-.5	248	253	5			.002		
253	297	Greywacke Unit contains 20-30% interbedded biotite-rich mudstone 253 to 271 - Shear Zone Sediment is highly sheared, and sericitized, 5% quartz stringers with weak to moderate silicification of wall rock. Trace to 1% fuchsite overall, and traces of pyrite, pyrrhotite, chalcopyrite, and arsenopyrite throughout. Sulphides occur mainly as fine grains interstitial to stretched detrital quartz clasts. Sulphides also occur in 1/4" to 1" discordant quartz-ankerite veinlets.	10225	1-2	253	257	4			.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-3 SHEET NO. 3 of 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check
		- 256.4 to 257.0 - 1-2% chalcopyrite, 2-3% pyrrhotite in greywacke.	10226	1	257.0	261.0	4.0			Tr	
		- 260.0 - 65° to C.A.	10227	.5-1	261.0	264.7	3.7			Tr	
		- 261.0 to 264.7 - 5-7% fuchsite in micaceous sericitized interval, .5-1% pyrrhotite and chalcopyrite									
		- 264.7 to 271.0 - talc - chlorite - carbonate alteration	10228	.5	264.7	267.6	2.9			Tr	
			10229	.5	267.6	271.0	3.4			Tr	
		- 292.2 to 297.0 - .5% arsenopyrite in few small discordant quartz veinlets	10230	tr-.5	271.0	276.0	5.0			Tr	
			10231	tr-.5	276.0	281.0	5.0			Tr	
			10232	tr-.5	281.0	287.0	6.0			Tr	
			10233	tr-.5	287.0	292.2	5.2			Tr	
			10234	.5	292.2	297.0	4.8			Tr	
297.0		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-4 LENGTH: 447 feet
LOCATION: L22+00E 6+81N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -46°
STARTED: 1988-02-03 FINISHED: 1988-02-04

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-39°				
400	-37°				

HOLE NO. RL-88-4 SHEET NO. 1 of 1
REMARKS: Pa 720073

LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	8.0	Casing									
8.0	115.9	Mafic Volcanic 44.1 to 49.1 - Few concordant quartz veins, 1% chalcopyrite, 5% pyrite 51.8 to 52.1 - autoclastic breccia 62.8 to 63.4 - quartz vein, 1% pyrrhotite, trace chalcopyrite, two inches of alteration on either side of vein	10374 10375 10377 10378	tr 1 .5 .5	44.1 49.1 59.0 64.0	49.1 54.0 64.0 69.0	5.0 4.9 5.0 5.0			.094 .014 .108 .010	.090 .104
115.9	135.1	Grey Siltstone									
135.1	137.3	Ultramafic Schist									
137.3	146.8	Grey Siltstone 137.3 to 142.0 - 10-15% biotite, trace - 0.5 pyrite	10395	.5	137.3	142.0	4.7			.014	
146.8	149.0	Lean Iron Formation									
149.0	314.2	Ultramafic Schist									
314.2	447.0	Greywacke									
447.0		END OF HOLE									

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-4 LENGTH: 447 feet
LOCATION: L22+00E 6+81N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -46°
STARTED: 1988-02-03 FINISHED: 1988-02-04

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-39°				
400	-37°				

HOLE NO. RL-88-4 SHEET NO. 1 of 4
REMARKS: Pa 720073
LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON
0	8.0	Casing									
8.0	115.9	Mafic Volcanic - typical Foliated dark green to grey-green tuff. Few 1/8" to 1" quartz stringers parallel to foliation. Very silty at end of interval, minor disseminated magnetite. Average Modes: chlorite 50-60% biotite 10-15 plagioclase 10-15 quartz 5-7 carbonate 2-3 pyrite tr-.5 pyrrhotite tr									
		- 15.4 to 15.9 - chert bed, 2% pyrite	10371	.5	12.9	17.7	4.8			.002	
		- 30.0 - 67° to C.A.	10372	tr	17.7	22.6	4.9			.004	
		- 41.5 to 42.1 - concordant quartz vein, trace - .5% pyrite	10373	tr	39.1	44.1	5.0			tr	
			10374	tr	44.1	49.1	5.0			.094	.090
		- 46.9 to 47.2 - quartz vein, 1% chalcopyrite, 5% pyrite	10375	1%	49.1	54.0	4.9			.014	
		- 51.8 to 52.1 - autoclastic breccia	10376	1%	54.0	59.0	5.0			Tr	
		- 60.0 - 77° to C.A.	10377	.5	59.0	64.0	5.0			.108	.104
		- 62.8 to 63.4 - quartz vein, 1% pyrrhotite, trace chlcopyrite, two inches of alteration on either side of vein	10378	.5	64.0	69.0	5.0			.010	
			10379	.5-1	69.0	74.0	5.0			Tr	
			10380	.5-1	74.0	79.0	5.0			Tr	
		- 90.0 - 69° to C.A.	10381	.5-1	79.0	84.0	5.0			Tr	
		- 103.4 to 104.3 - concordant quartz vein, .5% pyrite, 1% pyrite in sheared wall rock	10382	.5	84.0	89.0	5.0			Tr	
			10383	.5	89.0	94.0	5.0			Tr	
		- 105.0 to 115.9 - rock is very siliceous and silty, possibly a tuffaceous intermediate volcaniclastic, moderate cross-fracturing with quartz-carbonate infillings	10384	.5	94.0	99.0	5.0			Tr	
			10385	.5	99.0	102.5	3.5			Tr	
			10386	.5	102.5	104.7	2.2			Tr	
			10387	.5	104.7	109.7	5.0			Tr	
			10388	tr	109.7	114.7	5.0			Tr	
			10389	tr	114.7	118.6	3.9			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-4 SHEET NO. 2 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
115.9	135.1	Grey Siltstone - typical Finely bedded, siliceous, gradational from silty tuff in previous interval, biotite (mudstone) component prominent at end of interval. Average Modes: silt 60-70% sericite 5-10 chlorite 5-10 biotite 5-10 carbonate tr-1 sulphides tr-.5 115.9 to 130.0 - Grey, silty, finely bedded 130.0 to 135.1 - Dark brown-grey finely bedded cherty mudstone, 20% brecciated chert, 1-2% disseminated pyrite grains and small stringers - 135.0 - 71° to C.A.	10390	.5	118.6	123.6	5			.002	
			10391	tr-.5	123.6	127.0	3.4			Tr	
			10392	tr-.5	127.0	130.0	3.0			.002	
			10393	1-2	130.0	135.1	5.1			.002	
135.1	137.3	Ultramafic Schist - typical Dark green talc - carbonate - chlorite schist, very highly contorted and schistose, up to 20% biotite in some sections. Numerous disseminated quartz-ankerite augen Average Modes: talc 20-30% chlorite 40-50 carbonate 5-10 biotite 5-10 sulphides tr-.5	10394	tr	135.1	137.3	2.2			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-4 SHEET NO. 3 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS "	ASSAYS Au OZ TON	ASSAYS Check OZ TON	
137.3	146.8	Grey Siltstone - typical More biotite rich than 115.9 to 135.1, more of a mudstone than siltstone, 5% chert	10395	.5	137.3	142.0	4.7			.014		
			10396	.5	142.0	146.8	4.8			.006		
146.8	149	Lean Iron Formation - typical Yellow - grey, banded chert with 3-5% disseminated magnetite, minor fracturing, trace pyrite and pyrrhotite	10397	tr	146.8	149.0	2.2			Tr		
149	314.2	Ultramafic Schist - typical Very highly sheared and carbonatized										
			10398	tr	149.0	160.5	11.5			.006		
		- 150.2 to 156.9 - lost core	10399	1	160.5	162.7	2.2			.002		
		- 160.5 to 162.7 - silty mudstone bed, .5-1% fine grains and stringers of pyrite	10400	tr	162.7	167.5	4.8			Tr		
		- 168.6 to 169.4 - chert - magnetite bed, .5% pyrite	10401	tr-.5	167.5	172.5	5.0			Tr		
		- 173.0 to 173.5 - quartz-ankerite vein at low angle to core axis	10402	tr	172.5	177.5	5.0			Tr		
			10403	.5	198.0	203.0	5.0			Tr		
		- 200.0 - 50° to C.A.	10404	tr	207.0	212.0	5.0			Tr		
		- 200.1 to 200.2 - concordant quartz-carbonate vein, 10% pyrite, trace - .5% chalcopyrite	10405	tr	212.0	217.0	5.0			Tr		
			10406	tr-.5	225.2	230.2	5.0			Tr		
		- 250.0 - 60° to C.A.	10407	tr-.5	230.2	235.2	5.0			Tr		
		- 257.3 to 258.6 - quartz - carbonate vein, trace pyrite	10408	tr-.5	249.8	254.8	5.0			Tr		
		- 270.0 - 69° to C.A.	10409	tr-.5	254.8	259.8	5.0			Tr		
		- 285.1 to 286.0 - chert - magnetite bed, 5% magnetite	10410	tr-.5	263.6	268.6	5.0			Tr		
		- 295.5 to 296.6 - 3% concordant pyrite stringers in highly sheared section	10411	.5	285.1	290.0	4.9			.002		
			10412	.5	290.0	294.8	4.8			Tr		
		- 298.4 to 298.8 - 5% pyrite/pyrrhotite within intermixed cherty iron formation and schist	10413	.5	294.8	299.8	5			Tr		
		- 290.0 - 65° to C.A.	10414	.5-1	309.2	314.2	5			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-4 SHEET NO. 4 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
314.2	447.0	Greywacke - typical Foliated grey siliciclastic. Poorly sorted elongate quartz clasts within a finer matrix of sericite and chlorite. May be highly silicified, sericitized, and talcose as a result of fault-related shearing and alteration. Average Modes: quartz 50-60% sericite 20-30 chlorite 5-10 carbonate tr-1 sulphides tr	10395	.5	137.3	142.0	4.7			.014		
			10396	.5	142.0	146.8	4.8			.006		
		314.2 to 349.1 - Highly sheared and sericitized, moderate to strong silicification, traces of fuchsite throughout. - 320.0 - 72° to C.A. - 327.5 to 328.4 - concordant quartz vein, trace pyrite, arsenopyrite - 350.0 - 69° to C.A. - 370.0 - 66° to C.A.	10415	.5	314.2	319.2	5.0			Tr		
			10416	tr	319.2	324.2	5.0			Tr		
			10417	tr	324.2	329.2	5.0			Tr		
			10418	tr	329.2	334.2	5.0			Tr		
			10420	tr	334.2	339.2	5.0			Tr		
			10421	tr	339.2	344.2	5.0			Tr		
			10422	tr	344.2	349.2	5.0			Tr		
		349.1 to 447.0 - Weak to moderate shearing and silicification, minor sericite, same talc alteration on cleavage. - 440.0 - 72° to C.A.	10423	tr	349.2	354.2	5.0			Tr		
			10424	tr	354.2	359.1	4.9			Tr		
			10425	tr	374.2	378.8	4.6			Tr		
			10426	tr	387.0	392.0	5.0			Tr		
			10427	tr	409.5	414.5	5			Tr		
			10428	tr	425.9	430.9	5			Tr		
			10429	tr	430.9	435.9	5			Tr		
447.0		END OF HOLE										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-5 LENGTH 437 ft.
LOCATION L24+00E 7+27N.
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -46°
STARTED 1988-01-31 FINISHED 1988-02-02

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-39°				
400	-34°				

HOLE NO. RL-88-5 SHEET NO. 1 of 1
REMARKS Pa720073
LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	SUMMARY LOG DESCRIPTION
0	10.5	Casing
10.5	42.9	Mafic Volcanic
42.9	177.4	Ultramafic Schist
177.4	179.0	Lamprophyre Dike
179.0	252.2	Ultramafic Schist
252.2	437.0	Greywacke
437		End of Hole

SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	Au OZ/TON	Check OZ/TON	

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-5 LENGTH 437 ft.

LOCATION L24+00E 7+27N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 332° DIP -46°

STARTED 1988-01-31 FINISHED 1988-02-02

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-39°				
400	-34°				

HOLE NO. RL-88-5 SHEET NO. 1 of 4

REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/TON	ASSAYS Check oz/TON
0	10.5	Casing									
10.5	42.9	Mafic Volcanic - typical Foliated dark green to grey tuff. Few 1/8" to 1" quartz stringers parallel to foliation. Average Modes: chlorite 50-60% biotite 10-15 plagioclase 10-15 quartz 5-7 carbonate 2-3 pyrite tr-.5 pyrrhotite tr Lighter grey silty, and finely bedded at end of interval - 30.0 - 69° - 19.5 to 20.0 - chert - magnetite bed, 3-5% pyrite	10331 10332	1 .5	18.5 37.9	23.5 42.9	5 5			.002 .002	
42.9	177.4	Ultramafic Schist - typical Foliated, dark green ultramafic flow. Primary textures absent due to pervasive talc-chlorite-carbonate alteration. Traces of pyrite, pyrrhotite, and chalcopyrite in narrow quartz-ankerite veinlets and broken augen. Average Modes: chlorite 50-60% talc 10-20 biotite 5-10 carbonate 3-5 quartz 3-5 sulphides tr									

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-5 SHEET NO. 2 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton	
		42.9 to 70.2 - Intensley deformed, contorted, talcose, and carbonatized.	10333	tr-.5	52.5	57.5	5			.002		
			10334	tr-.5	60.5	65.5	5			Tr		
		62.6 to 63.5 - dark green grunerite-magnetite iron formation bed, trace chalcopyrite, 5-7% magnetite, 1% pyrite/pyrrhotite.										
		70.2 to 115.0 - Less highly altered and dark green. 10-15% carbonate stringers throughout. Possibly mafic flows.	10335	tr	67.9	72.3	4.4			Tr		
			10336	tr	77.5	82.3	4.8			Tr		
		- 95.0- 59° to C.A.										
		- 103.6 to 104.7 - dark green magnetite-grunerite bed, 2% pyrite	10337	.5	102	107	5			Tr		
			10338	.5	107	112	5			Tr		
		- 109.7 to 110.7 - magnetite-grunerite bed, 2% pyrite, .5% chalcopyrite.	10339	.5	117	121.6	4.6			Tr		
		115.0 to 177.4 - Highly contorted, carbonatized, and talcose										
		- 127.7 to 129.0 - quartz-carbonate vein running along C.A.	10360	tr	126.3	131.0	4.7			Tr		
		- 130.0 - 58° to C.A.	10340	.5	151.0	156.0	5			Tr		
		- 161.6 to 161.9 - 30% pyrite in chert, amphibolitic iron formation bed.	10341	.5	156.0	161.0	5			Tr		
			10342	.5	161.0	167.0	6			Tr		
		- 164.5 to 166.7 - cherty lean iron formation, 30% ultramafic schist, .5% pyrite										
177.4	179.0	Lamprophyre Dike Dark brown, fine-grained, foliated with 20% disseminated 1/4" biotite phenocrysts in a fine-grained, foliated, micaceous matrix of biotite and plagioclase. The dike contains minor disseminated pyrite.										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-5 SHEET NO 3 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON
		Average Modes: biotite 30-40% plagioclase 20-30 amphibole/pyroxene 20-30 carbonate 2-3 pyrite tr									
179.0	252.2	Ultramafic Schist - typical Very talcose, and highly carbonatized. - 180.0 - 46° to C.A. - 210.5 to 210.9 - quartz vein, 60% ankerite, 1-2% pyrite - 247.0 to 250.1 - 60-70% chert-magnetite iron formation, 30-40% ultramafic schist, 2-3% pyrite, 62° to C.A.	10343	tr	196.8	201.4	4.6			Tr	
			10344	tr-.5	207	212	5			Tr	
			10345	tr-.5	212	217	5			Tr	
			10346	tr-.5	217	222	5			Tr	
			10347	tr-.5	222	227	5			Tr	
			10348	tr-.5	242	247	5			Tr	
			10349	3	247	252.2	5.2			.002	
252.2	437	Greywacke - typical Grey, poorly sorted, massively bedded conglomeratic in places. Composed of rounded 1/16" to 1/4" detrital quartz fragments in a finer foliated matrix of quartz, sericite, and chlorite with minor interstitial sulphides. Strongly foliated. Average Modes: quartz 50-60% sericite 20-30 chlorite 5-10 carbonate tr-1 sulphides tr										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-5 SHEET NO. 4 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		252.2 to 302.0 - Moderate to highly sheared, sericitized, and silicified, trace fuchsite, trace arsenopyrite	10350	tr	252.2	257	4.8			Tr		
			10351	tr	257	262	5			Tr		
			10352	tr	262	267	5			Tr		
		- 270.0 - 57° to C.A.	10353	tr	267	272	5			Tr		
		- 299.2 to 300.8 - quartz vein, .5% pyrite, trace chalcopyrite	10354	tr	272	277	5			Tr		
			10355	tr	277	282	5			Tr		
			10356	tr	282	287	5			Tr		
		302.0 to 378 - Weak to moderate shearing and silicification	10357	tr	287	292	5			.002		
			10358	tr	292	297	5			Tr		
		- 310.0 - 75° to C.A.	10359	tr	297	302	5			Tr		
		- 316.0 to 319.1 - 1/2" quartz-carbonate stringer parallel to C.A.	10361	tr	315.5	320.2	4.7			Tr		
			10362	tr	337	342	5			Tr		
		- 330.0 - 76° to C.A.	10363	tr	268.8	273.8	5			Tr		
		- 350.0 - 74° to C.A.										
		- 375.0 - 74° to C.A.										
		378.0 to 425.8 - Sheared, sericitized interval, minor silicification.	10364	tr	378	383	5			Tr		
			10365	tr	383	388	5			Tr		
		- 400.0 - 72° to C.A.	10366	tr	388	391.6	3.6			Tr		
		- 430.0 - 71° to C.A.	10367	tr	399.9	404.9	5			Tr		
			10368	tr	407.5	411.6	4.1			Tr		
			10369	tr	417.2	422	4.8			Tr		
		425.8 to 437.0 - Grey unaltered sediment	10370	tr	422	425.8	3.8			Tr		
437.0		END OF HOLE										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-6 LENGTH 447 Ft.
LOCATION 126+00E 7+01N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -46°
STARTED 19-8 01-27 FINISHED 1988-01-28

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-35°				
400	-27°				

HOLE NO. RL88-6 SHEET NO. 1 of 1
REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	15	Casing									
15	35.6	Mafic Volcanic									
35.6	60.0	Ultramafic Schist 35.6 to 38.1 - lean iron formation, 20-30% magnetite and chert, 70% schist, 1-2% pyrite, trace pyrrhotite	10238	2	35.6	38.1	2.5			.014	
60.0	127.3	Mafic Volcanic									
127.3	156	Intermediate Tuff 148.0 to 153.0 - up to 30% fine discordant quartz stringers and 1.5% disseminated pyrrhotite, trace pyrite	10250	1	148.0	153.0	5.0			.020	
156	173.5	Ultramafic Schist									
173.5	179.7	Lean Iron Formation									
179.7	185.5	Brown Silty Mudstone									
185.5	235.1	Ultramafic Schist									
235.1	252.1	Chert									
252.1	257.8	Cherty Mudstone									
257.8	447.0	Greywacke									
447.0		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-6 LENGTH 447 Ft.
LOCATION L26+00E 7+01N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -46°
STARTED 1988-01-27 FINISHED 1988-01-28

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°				
200	-35°				
400	-27°				

HOLE NO. RL-88-6 SHEET NO. 1 of 6
REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	15	Casing	10235	1.5	23.4	27	3.6			Tr	
			10236	.5-1	27	32	5			.002	
15	35.6	Mafic Volcanic - typical	10237	.5-1	32	35.6	3.6			.002	
		Dark green, fine grained, tuffaceous, foliated. Contains occasional biotite-rich band and concordant quartz-carbonate veinlet. Disseminated magnetite abundant (2%) near end of interval as well as cherty bands, unit grades into lean iron formation.									
		Average Modes:									
		chlorite 40-50%									
		plagioclase 15-20									
		biotite 10-15									
		quartz 10-15									
		carbonate 1-2									
		sulphides tr-.5									
		- 24.4 to 25.4 concordant quartz vein, 1.5% pyrite, trace chalcopyrite									
35.6	60.0	Ultramafic Schist - typical									
		Dark green and white banded talcose schist, consisting of alternating dark green chlorite and white talc-carbonate laminae 1/8" to 1/4" thick. Probably a flow. The banding is often highly contorted. Rare magnetite iron formation beds occur in this unit.									
		Average Modes:									
		chlorite 40-50%									
		talc 20-30									
		biotite 5-10									
		carbonate 5-10									
		sulphide tr									
		magnetite tr-1									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-6 SHEET NO. 2 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		- 35.6 to 38.1 - lean iron formation, 20-30% magnetite and chert, 70% schist. 1-2% pyrite, trace pyrrhotite, 65° to core axis.	10238	2	35.6	38.1	2.5			.014		
			8930	1	38.1	42.9	4.8			Tr		
			10239	tr	42.9	47.9	5.0			Tr		
60.0	127.3	Mafic Volcanic - typical	10240	tr	62.2	67.2	5			Tr		
		Very tuffaceous, foliated, and chloritized, possible ultramafic affinity. Rock contains 1-2% disseminated magnetite over narrow intervals and grades into intermediate tuff.	10241	tr	77	82	5			Tr		
			10242	tr	88.1	93.1	5			Tr		
			10243	tr-.5	99.8	104.8	5			Tr		
			10244	tr-.5	113.9	118.9	5			Tr		
			10245	tr-.5	123.2	128.2	5			Tr		
		- 88.1 to 98.6 - grey-brown contorted biotite-talc rich cherty interval, 67° to C.A.										
		- 105.0 - 60° to C.A.										
		- 126.9 to 127.3 - concordant quartz vein, trace pyrite, tourmaline										
127.3	156.0	Intermediate Tuff - typical	10246	tr	128.2	133.0	4.8			Tr		
		Grey-green, fine grained, foliated and laminated.	10247	tr	133	138	5			Tr		
			10248	tr	138	143	5			Tr		
		Average Modes:	10249	tr	143	148	5			Tr		
		quartz 50-60%	10250	tr	148	153	5			.020		
		chlorite 20-30	10251	tr	153	156	3			Tr		
		sericite 3-5										
		carbonate 3-5										
		sulphides tr-.5										
		127.3 to 138.0 - typical foliated tuff										
		138.0 to 153.0 - up to 30% fine discordant quartz stringers and 1.5% disseminated pyrrhotite, trace pyrite										
		- 139.0 - 68° to C.A.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-6 SHEET NO. 3 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton
156.0	173.5	Ultramafic Schist - typical Highly sheared, carbonatized and contorted. - 161.5 to 162.1 - magnetite bed, 20-30% magnetite, 2% pyrite replacing magnetite - 170.0 - 60° to C.A. - 173.5 to 175.2 - 20% magnetite iron formation in schist	10252 10253 10254	.5 tr .5	161.2 168.5 173.5	166.2 173.5 176.5	5 5 3			Tr .002 Tr	
173.5	179.7	Lean Iron Formation 173.5 to 176.5 - 20% magnetite, 70-80% ultramafic schist, gradational from previous unit. 176.5 to 179.7 - Fractured laminated, and sheared cherty iron formation. Average Modes: magnetite 10-20% chlorite 5-10 chert 50-60 pyrite 5-7 carbonate 1-2 pyrrhotite .5-1	10255	7	176.5	179.7	3.2			Tr	
179.7	185.5	Brown Silty Mudstone Minor chert sheared, finely laminated.									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-6 SHEET NO: 4 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		Average Modes:										
		biotite 30-40%										
		chlorite 20-30										
		quartz 20-30	10252	.5	161.2	166.2	5			Tr		
		carbonate 1	10253	tr	168.5	173.5	5			.002		
		pyrite 1-3										
		magnetite 1	10254	.5	173.5	176.5	3			Tr		
		Few cherty pyritic intervals, pyrite occurs in cross-fractures in chert, 1-3% magnetite in chert beds.										
185.5	235.1	Ultramafic Schist - typical										
		185.5 to 197.0 - may contain 2-3% disseminated magnetite or rare small magnetite bed, highly contorted and intensely carbonatized. Up to 30% ankerite.	10258	tr	185.5	190.5	5			Tr		
		197 to 212 - Relatively unaltered, dark green ultramafic flow.	10259	tr	197	202	5			.002		
		212 to 235.1 - Highly talcose, sheared, carbonatized, contorted schist.	10260	tr	217	221.9	4.9			Tr		
			10261	tr-.5	226.6	231.6	5			Tr		
			10262	1-2	231.6	235.1	3.5			Tr		
		- 215.0 - 58° to C.A.										
		- 231.6 to 232.0 - chert bed, 30% pyrite stringers										
235.1	252.1	Chert - typical	10263	.5-1	235.1	240.1	5			Tr		
		Some fractures with sulphide infillings, minor disseminated magnetite. Finely laminated yellow-buff coloured.	10264	.5	240.1	245.1	5			Tr		
			10265	1-2	245.1	247.6	2.5			Tr		
			10266	1-2	247.6	252.1	4.5			.004		

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-6 SHEET NO. 5 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		Average Modes: quartz 90-95% chlorite 2-3 magnetite 1 pyrite tr-.5 arsenopyrite tr-.5 pyrrhotite tr-.5 chalcopyrite tr										
252.1	257.8	Cherty Mudstone Grey-brown, sheared, contorted, finely laminated Average Modes: quartz 40-50% biotite 20-30 chlorite 10-20 pyrite tr carbonate tr-.5	10267	tr	252.1	257.8	5.7			Tr		
257.8	447.0	Greywacke - typical Grey, granular, poorly sorted, siliceous. Consists of rounded 1/8" to 1/4" detrital quartz grains in a fine foliated matrix of sericite with minor chlorite and carbonate. Average Modes: quartz 40-50% sericite 20-30 chlorite 5-10 talc 0-5 carbonate 3-5 fuchsite tr-.5 pyrite tr-.5										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-6 SHEET NO. 6 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
		Often pervasively altered to sericite with abundant secondary talc, ankerite and fuchsite.										
		257.8 to 290.0 - Intensely sheared and sericitized, moderate to strong silicification, trace sulphides	10268	tr	257.8	262.8	5			Tr		
			10269	tr	262.8	267.8	5			Tr		
			10270	tr	267.8	272.8	5			Tr		
		- 260.0 - 67° to C.A.	10271	tr	272.8	277.8	5			Tr		
			10272	tr	277.8	282.8	5			.002		
			10273	tr	282.8	286.6	3.8			Tr		
			10274	tr	286.6	290.0	3.4			Tr		
		290.0 to 391.5 - Weak to moderate shearing, core is grey and barren looking.										
		- 290.0 - 63° to C.A.	10283	tr	299	304.1	5.1			Tr		
		- 312 to 312.5 - concordant quartz vein, trace pyrite	10275	tr	310	315	5			Tr		
		- 331 to 331.4 - discordant quartz vein, .5% pyrite	10276	tr	330	335	5			Tr		
		- 360.0 - 69° to C.A.	10277	tr	347	352	5			Tr		
		- 367.4 to 374.0 - talc-chlorite alteration, trace pyrite, pyrrhotite	10278	tr	367	372	5			Tr		
			10279	tr	391.5	396.5	5			Tr		
			10280	tr	407	412	5			Tr		
		391.5 to 416.6 - Moderate shearing and silicification, trace pyrite, pyrrhotite, chalcopyrite	10281	tr	412	417	5			Tr		
			10282	tr	440.6	445.3	4.7			Tr		
		416.6 to 447 - Grey, unaltered sediment										
447.0		END OF HOLE										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-7 LENGTH 597 ft.
LOCATION 126+00E 6+15N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -64°
STARTED 1988-01-29 FINISHED 1988-01-31

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-64°				
200	-61°				
400	-58°				
597	-55°				

HOLE NO. RL-88-7 SHEET NO. 1 of 1
REMARKS Pa720073
LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/TON	ASSAYS Check oz/TON	
0	80	Casing										
8.0	140.7	Mafic Volcanic										
140.7	158.9	Ultramafic Schist										
158.9	182.2	Intermediate Tuff										
182.2	280.0	Mafic Volcanic										
280.0	283.9	Lamprophrye Dike										
283.9	307.4	Mafic Volcanic										
307.4	325.7	Intermediate Tuff										
325.7	427.3	Ultramafic Schist										
427.3	597.0	Greywacke										
597.0		END OF HOLE										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-7 LENGTH 597 ft.

LOCATION L26+00E 6+15N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 332° DIP -64°

STARTED 1988-01-29 FINISHED 1988-01-31

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-64°				
200	-61°				
400	-58°				
597	-55°				

HOLE NO. RL-88-7 SHEET NO. 1 of 5

REMARKS Pa720073

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	8.0	Casing									
8.0	140.7	Mafic Volcanic - typical Dark green, fine grained, tuffaceous, with occasional 1/8 - 1/4" biotite band, minor disseminated magnetite over narrow intervals. Average Modes: chlorite 40-50% plagioclase 15-25 biotite 5-10 quartz 10-15 carbonate 1-2 sulphides tr-.5 - 40.0 - 58° to C.A. - 46.8 to 47.3 cherty bed, 20-30% pyrite stringers - 57.3 to 59.3 - silicified, 70% conformable quartz veinlets, tr - .5% pyrite - 75.0 - 53° to C.A. - 90.0 - 53° to C.A. - 125.0 - 49° to C.A.	10284	tr	41.0	46.0	5.0			Tr	
			10285	2	46.0	49.7	3.7			Tr	
			10286	tr	57.0	60.0	3.0			Tr	
			10287	tr	77.0	82.0	5.0			Tr	
			10288	tr	94.2	100.0	5.8			Tr	
			10289	tr-.5	107.0	112.0	5.0			Tr	
			10290	tr	135.7	140.7	5.0			Tr	
140.7	158.9	Ultramafic Schist - typical Dark green and white banded talcose schist, consists of alternating dark green chlorite or serpentine, and white talc-carbonate laminae 1/8 - 1/4" thick. This unit is probably a flow. The banding is often highly contorted, early carbonate and quartz veins are often broken up into discontinuous 1/4" - 1" augen. Magnetite beds and lean iron formation beds containing magnetite-chert+ grunerite also occur within this unit as a minor constituent.	10291	tr	148.9	153.9	5.0			.002	
			10292	.5	153.9	158.9	5.0			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-7 SHEET NO. 2 of 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		Average Modes: chlorite 40-50% talc 20-30 biotite 5-10 carbonate 5-10 sulphides tr magnetite tr-1 - 158.5 to 158.9 - magnetite bed, 50-60% magnetite, 1% pyrite									
158.9	182.2	Intermediate Tuff - typical Grey, laminated, silty tuff Average Modes: quartz 50-60% chlorite 20-30 sericite 3-5 carbonate 3-5 sulphides tr-.5 - 170.0 - 44° to C.A.	10293	.5	167.0	172.0	5.0			Tr	
182.2	280.0	Mafic Volcanic - typical 229.4 to 247.3 - This interval consists of a lighter grey volcanic possibly of intermediate composition, or silicified mafic volcanic. The rock is crosscut by 10-15% fine quartz-carbonate stringers, and is highly carbonatized, 5-7% carbonate, tr-.5% fine grained pyrite, 60° to C.A. at 240 feet.	10294	.5	187.0	192.0	5.0			Tr	
			10295	.5	192.0	197.0	5.0			Tr	
			10296	.5	197.0	199.4	2.4			Tr	
			10297	tr	207.0	212.0	5.0			Tr	
			10298	.5	229.4	233.0	3.6			Tr	
			10299	.5	233.0	237.6	4.6			Tr	
			10300	.5	237.6	242.7	5.1			Tr	
			10301	.5	242.7	247.3	4.6			Tr	
			10302	.5	276.0	280.0	4.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-7 SHEET NO. 3 of 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
280.0	283.9	Lamprophyre Dike - typical Dark brown, fine-grained, foliated, with 20% 1/4" biotite phenocrysts in a fine-grained foliated micaceous matrix of biotite and plagioclase. Average Modes: biotite 30-40% plagioclase 20-30 amphibole/pyroxene 20-30 carbonate 2-3 pyrite tr - 50° to C.A.										
283.9	307.4	Mafic Volcanic - typical Abundant quartz-carbonate stringers, crenulated and schistose in places, carbonatized, numerous broken quartz pods, trace chalcopyrite. Looks like an ultramafic flow.	10304	tr	302.4	307.4	5			Tr		
307.4	325.7	Intermediate Tuff - typical Silicified, sheared, trace - .5% intergrown pyrrhotite and chalcopyrite, cross-cut by abundant quartz-carbonate veinlets, possibly altered mafic volcanic.	10305	tr	307.4	312.4	5.0			Tr		
			10306	tr	312.4	317.4	5.0			Tr		
			10307	.5	317.4	322.0	4.6			Tr		
			10308	.5	322.0	325.7	3.7			.002		
325.7	427.3	Ultramafic Schist - typical Intensely sheared and altered to contorted talc-chlorite-carbonate schist. The rock is often augen textured with 1/8 - 1/2" rounded quartz and ankerite eyes in a talc-chlorite matrix.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-7 SHEET NO. 4 of 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS ..	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		- 328.8 to 329.8 - mixed iron formation (50-60%) and schist, 1/4" massive discordant pyrite vein in fractured cherty iron formation, 15-20% magnetite, 1% pyrite, trace pyrrhotite.	10309	1	325.7	329.9	4.2			Tr		
		- 329.9 to 333.6 - dark green, granular, laminated lean silicate (grunerite?) iron formation, minor chert, .5 - 1.5% disseminated fine pyrrhotite, trace arsenopyrite, trace - .5% chalcopyrite.	10310	3	329.9	333.6	3.7			Tr		
		- 338.0 to 338.6 - lean cherty iron formation, 5% magnetite, 20% chert, 2-3% pyrite, trace arsenopyrite.	10329	tr	333.6	338.7	5.1			Tr		
		- 342.5 to 343.9 - lean cherty grey laminated iron formation, 5% magnetite, trace pyrite.	10330	.5	342.5	347.5	5.0			Tr		
		- 354.1 to 354.6 - iron formation bed, .5% pyrite, sheared and recrystallized	10311	tr	352.5	357.3	4.8			Tr		
		- 374.7 to 375.7 - few quartz-ankerite stringers.	10312	tr	374.0	377.0	3.0			Tr		
		- 388.0 to 388.8 - discordant quartz-ankerite vein.	10313	tr	386.5	391.3	4.8			Tr		
		- 400.0 - 52° to C.A.										
		- 423.3 to 424.3 - fractured chert bed, 2% pyrrhotite, trace - .5% pyrite, trace chalcopyrite	10316	tr	393.9	398.9	5.0			Tr		
			10317	tr	398.9	403.9	5.0			Tr		
		- 425.8 to 427.3 - chert-magnetite bed, 10% magnetite, 1-2% pyrrhotite, trace - .5% pyrite, minor fracturing.	10318	tr	418.3	423.3	5.0			Tr		
			10319	1	423.3	427.3	4.0			Tr		
427.3	597.0	Greywacke - typical Grey, granular, foliated, poorly sorted siliceous metasediment. Often highly sericitized by shearing, may contain minor amounts of talc-chlorite, and fuchsite where highly altered. The rock is actually a quartz-pebble conglomerate, a few lithic shale fragments were noted.										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-7 SHEET NO.: 5 of 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		Average Modes:										
		quartz 50-60%										
		sericite 20-30										
		chlorite 5-10										
		carbonate tr-2										
		sulphides tr										
		427.3 to 462.7 - Very minor shearing and sericitization.	10320	tr	427.3	432.3	5.0			Tr		
			10321	tr	432.3	437.0	4.7			Tr		
		- 433.7 to 433.8 - quartz-tourmaline vein	10322	tr	451.3	456.3	5.0			Tr		
		- 440.0 - 54° to C.A.	10323	tr	457.7	462.7	5.0			.002		
		- 461.0 - 1/8" quartz-arsenopyrite stringer, discordant										
		- 470.0 - 55° to C.A.										
		462.7 to 507.0 - Moderate to strong shearing and silicification, trace fuchsite.	10324	.5	477.0	482.0	5.0			Tr		
			10325	.5	482.0	487.0	5.0			Tr		
			10326	tr	502.2	507.0	4.8			Tr		
		507.0 to 597.0 - Weakly sheared, grey, minor sericitization	10327	tr	554	559	5			Tr		
			10328	tr	587	592	5			Tr		
		- 530.0 - 62° to C.A.										
		- 570.0 - 65° to C.A.										
		- 590.0 - 62° to C.A.										
597.0		END OF HOLE										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-8 LENGTH 567 feet
LOCATION L8+00E 6+07N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-02-5 FINISHED 1988-02-07

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-39°				
400	-36°				
567	-35°				

HOLE NO. RL-88-8 SHEET NO. 1 of 2
REMARKS Pa 720074
Summary Log

LOGGED BY J. Drew

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	5.0	Casing									
5.0	113.6	Mafic Volcanics 50.0 to 52.4 - highly fractured with cross-cutting quartz-calcite veinlets	10440	3	50.0	52.4	2.4			.116	.112
113.6	116.3	Ultramafic Schist									
116.3	234.0	Mafic Volcanics									
234.0	237.0	Sulphide Zone - sheared and silicified sediments with 5-7% pyrrhotite and 1-2% pyrite									
237.0	257.7	Mafic Volcanics									
257.7	260.7	Sulphide Zone - as per 234.0 to 237.0 with 7-10% pyrrhotite									
260.7	335.5	Mafic Volcanics - becoming tuffaceous as unit grades into underlying sediments 287.0 to 292.0 - silicified; narrow chert-magnetite bands, pyrite 0.5 to 1.0% and pyrrhotite trace to 0.5%	10472	2	287.0	292.0	5.0			.070	.078

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-8 LENGTH 567 feet
LOCATION L8+00E 6+07N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 02-05-88 FINISHED 02-07-88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-39°				
400	-36°				
567	-35°				

HOLE NO. RL-88-8 SHEET NO. 1 of 8
REMARKS Pa 720074

LOGGED BY J. Drew

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	5.0	Casing and Overburden									
5.0	113.6	Mafic Volcanics - typical Light to dark green, fine-grained, quartz-chlorite schist, texture varies from a foliated tuffaceous volcanic to a more coarse-grained flow. Average Modes: chlorite 60-70% plagioclase 5-10 calcite 5-10 quartz 5-7 biotite 1-5 pyrite trace-0.5 Numerous quartz-calcite veinlets (1/8" to 1") and stringers, parallel to the S_1 foliation, pyrite occurs as fine disseminated grains parallel to S_1.									
		5.0 to 19.2 - moderately foliated, slightly tuffaceous									
		- 7.4 - foliation at 57° to core axis	10430	tr	6.9	8.2	1.3			Tr	
		- 12.8 to 15.9 - number of small quartz-tourmaline veins parallel to S_1, pyrite occurs in small blebs	10431	0.5	12.8	15.9	3.1			Tr	
		19.2 to 71.8 - moderately silicified, strong foliation	10432	2	22.3	25.2	2.9			Tr	
			10433	tr	25.2	27.3	2.1			.002	
		- 22.3 to 29.2 - 1-2% epidote alteration with pyrite stringers	10434	tr	27.3	29.2	1.9			Tr	
			10435	tr	29.2	33.1	3.9			Tr	
		- 33.1 to 35.1 - 5" wide quartz-calcite-tourmaline vein, tourmaline occurs in small blebs	10436	tr	33.1	35.1	2.0			Tr	
			10437	tr	35.1	39.1	4.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-8 LENGTH 567 feet
LOCATION 18+00E 6+07N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-02-05 FINISHED 1988-02-07

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-39°				
400	-36°				
567	-35°				

HOLE NO. RL-88-8 SHEET NO. 2 of 2
REMARKS Pa 720074
Summary Log

LOGGED BY J. Drew

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
335.5	408.2	Siltstone - 355.0 to 365.0 - carbonatized, fine-grained trace - 1% pyrite - 370.0 to 375.0 - numerous wide (5"-10") quartz-carbonate veins, pyrite is disseminated along contact of veins - 375.0 to 408.2 - carbonatized, fine-grained trace - 1.0% pyrite	10484	tr	355.0	360.0	5.0			.014	
			10485	1	360.0	365.0	5.0			.024	
			10487	1	370.0	375.0	5.0			.026	
			10488	0.5	375.0	380.0	5.0			.018	
			10489	1	389.9	394.9	5.0			.026	
408.2	409.4	Ultramafic Schist									
409.4	412.4	Siltstone									
412.4	415.5	Ultramafic Schist									
415.5	418.2	Lean Iron Formation - 10 to 15% pyrrhotite, 1 to 5% pyrite in cherty iron formation									
418.2	567.0	Greywacke									
567.0		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-8 SHEET NO. 2 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON
		- 39.1 to 41.6 - 10" wide quartz vein with minor tourmaline	10438	tr	39.1	41.6	2.5			Tr	
		- 48.0 to 55.0 - highly fractured with cross-cutting quartz-calcite veinlets, pyrite occurs in blebs along edge of veinlets	10439	tr	48.0	50.0	2.0			Tr	
			10440	3	50.0	52.4	2.4			.116	.112
			10441	1	52.4	55.0	2.6				Tr
		- 50.0 - fractures at 20° to core axis	10442	1	55.0	59.7	4.7				.002
		- 55.0 to 62.9 - 1-2% epidote alteration with pyrite in quartz-calcite veinlets	10443	tr	59.7	62.9	3.2				.002
		71.8 to 113.6 - mafic volcanics - typical	10444	tr	71.8	76.8	5.0			Tr	
			10445	tr	83.0	81.9	4.9			Tr	
		- 83.0 to 87.9 - 4" wide quartz-calcite vein, barren									
		- 85.0 - foliation 50° to core axis									
		- 99.0 to 102.0 - 3" wide zone with 2-3% pyrite in stringers	10446	0.5	99.0	102.0	3.0			Tr	
			10447	tr	102.0	107.0	5.0			Tr	
113.6	116.3	Ultramafic Schist - typical Fine-grained, talc-calcite-chlorite schist consisting of alternating bands of chlorite rich dark green bands and white calcite-talc bands.									
		Average Modes: chlorite 60-70% calcite 10-15 talc 7-10 quartz 5-7 pyrite trace									
		Weak shearing present, pyrite occurs as finely disseminated grains parallel to foliation	10448	tr	113.6	116.3	2.7			Tr	
		- 116.0 - Foliation 50° to C.A.									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-8 SHEET NO. 3 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS ,	ASSAYS Au OZ TON	ASSAYS Check OZ TON
116.3	234.0	Mafic Volcanics - typical									
		- 131.0 to 137.0 - 3" wide quartz-carbonate vein with pyrite occurring as blebs within vein	10449	1	131.0	137.0	6.0			Tr	
		- 132.0 - foliation at 55° to core axis	10451	tr	142.0	147.0	5.0			Tr	
		- 153.0 to 156.0 - moderately sheared with numerous quartz-carbonate veinlets, pyrite occurs as blebs along fractures	10452	1	153.0	156.0	3.0			Tr	
		- 162.8 to 167.8 - 2" wide carbonate vein (possibly siderite), contact at 55° to core axis	10453	tr	162.8	167.8	5.0			Tr	
		- 172.5 to 177.5 - moderately sheared with numerous quartz-carbonate veinlets	10454	0.5	172.5	177.5	5.0			Tr	
		- 173.0 - shearing at 70° to core axis									
		- 177.5 to 183.5 - 10" wide quartz-carbonate vein	10455	0.5	177.5	182.5	5.0			Tr	
		- 200.2 to 203.2 - sheared with numerous	10456	tr	187.0	192.0	5.0			Tr	
		quartz-carbonate stringers, massive pyrite occurring as stringers up to 1/8" wide and as distinct	10457	tr	200.2	203.2	3.0			Tr	
		crystals, narrow chert-magnetite bands present									
		- 208.0 to 212.0 - fractured, discordant	10463	tr	208.0	212.0	4.0			Tr	
		quartz-carbonate veinlets with concordant	10458	0.5	229.0	234.0	5.0			.004	
		quartz-tourmaline veinlets									
		- 229.0 to 234.0 - moderately sheared with numerous quartz-carbonate stringers									
		- 232.0 - foliation at 70° to core axis									
234.0	237.0	Sulphide Zone - typical	10459	10	234.0	237.0	3.0			.002	
		Dark brown, fine grained sediment; moderate shearing and silicification, carbonate alteration throughout									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-8 SHEET NO.: 4 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		Average Modes: chlorite 50-60% quartz 10-15 carbonate 10-15 pyrrhotite 5-7 pyrite 1-2 Sulphides occur in stringers along bedding/foliation planes and as disseminated grains - 235.0 - foliation at 70° to core axis									
237.0	257.7	Mafic Volcanics - typical	10464	tr	237.0	242.0	5.0			Tr	
			10465	tr	242.0	247.5	5.5			Tr	
			10466	tr	247.5	252.8	5.3			Tr	
			10467	tr	252.8	257.7	4.9			Tr	
257.7	260.7	Sulphide Zone - typical Cherty with 7-10% pyrrhotite	10460	12	257.7	260.7	3.0			Tr	
260.7	335.5	Mafic Volcanics - typical Moderately sheared, highly contorted in some sections, discordant quartz-carbonate veinlets present throughout.	10461	tr	260.7	264.4	3.7			Tr	
			10468	tr	264.4	267.0	2.6			.002	
			10462	2	267.0	272.0	5.0			Tr	
		- 272.0 to 277.0 - 1/4" wide quartz-tourmaline veinlet with pyrite along contacts	10469	0.5	272.0	277.0	5.0			Tr	
		- 278.0 - foliation at 60° to core axis	10470	tr	277.0	282.0	5.0			Tr	
		- 282.0 to 287.0 - 10" wide gabbroic section with a 1" wide quartz-carbonate veinlet within, carbonate is possibly siderite, 0.5% to 1.0% pyrite with trace to 0.5% pyrrhotite.	10471	2	282.0	287.0	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-8 SHEET NO.: 5 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
		- 287.0 to 292.0 - silicified, narrow chert-magnetite band, pyrite 0.5 to 1.0% and pyrrhotite trace to 0.5%	10472	2	287.0	292.0	5.0			.070	.078	
		- 292.0 to 312.0 - numerous discordant carbonate veinlets, highly contorted in sections	10473	tr	292.0	297.0	5.0			Tr		
			10474	tr	297.0	302.0	5.0			Tr		
		- 295.0 - foliation at 60° to core axis	10475	tr	302.0	307.0	5.0			Tr		
		- 322.0 to 335.5 - slightly tuffaceous as mafics grade into siltstone unit below, minor concordant quartz-tourmaline veinlets	10476	tr	307.0	312.0	5.0			Tr		
			10477	0.5	322.0	327.0	5.0			Tr		
			10478	tr	327.0	332.0	5.0			Tr		
			10479	tr	332.0	335.5	3.5			Tr		
335.5	408.2	Siltstone - typical Light grey to light green, fine-grained carbonatized, chlorite-rich sections Average Modes: chlorite 40-50% quartz 10-15 calcite 15-20 biotite 5-10 sericite 1-5 pyrite trace-0.5 Calcite veinlets are highly contorted, pyrite is disseminated along foliation planes and within calcite veinlets	10480	1	335.5	340.0	4.5			Tr		
		- 337.0 - foliation at 65° to core axis	10481	0.5	340.0	345.0	5.0			Tr		
		- 334.0 to 355.0 - silicified with a number of concordant quartz-tourmaline veinlets	10482	0.5	345.0	350.0	5.0			Tr		
			10483	0.5	350.0	355.0	5.0			Tr		
		- 360.0 - foliation at 75° to core axis	10484	tr	355.0	360.0	5.0			.014		
			10485	1	360.0	365.0	5.0			.024		
			10486	tr	365.0	370.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-8 SHEET NO.: 6 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS '	ASSAYS "	Au oz/ton	Check oz/ton
		- 370.0 to 375.0 - numerous wide (5-10") quartz-carbonate veins, pyrite is disseminated along contact of veins	10487	1	370.0	375.0	5.0			.026	
		- 370.0 foliation at 65° to core axis	10488	0.5	375.0	380.0	5.0			.018	
			8931	0.5	380.0	385.0	5.0			Tr	
			8932	1	385.0	389.9	4.9			.002	
			10489	1	389.9	394.9	5.0			.026	
			8933	0.5	394.9	401.0	6.1			.002	
			8934	tr	401.0	408.2	7.2			.002	
408.2	409.4	Ultramafic Schist - typical	8935	tr	408.2	412.4	4.2			Tr	
		- contact at 60° to core axis									
409.4	412.4	Siltstone - typical									
412.4	415.5	Ultramafic Schist - typical	10490	0.5	412.4	415.5	3.1			Tr	
415.5	418.2	Lean Iron Formation - typical Light green to light yellow, fine-grained cherty Iron Formation, sericitization has probably given rock the yellow color									
		Modal Percent: chert 40-50% chlorite 10-15 calcite 1-5 pyrrhotite 10-15 pyrite 1-5 magnetite 1-5 sericite 1-5									
		Sulphides occur as irregular patches up to 1/2" in diameter and along foliation planes as stringers,									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-8 SHEET NO: 7 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		magnetite is disseminated throughout the section, lower contact at 65° to core axis	10491	15	415.5	418.5	3.0			.002		
418.2	567.0	Greywacke - typical Light to dark grey silicified sediment with 1-2mm subangular to subrounded quartz fragments, strong foliation. Average Modes: quartz 40-50% chlorite 15-20 sericite 10-15 calcite 5-10 fuchsite 1-5 pyrite trace Numerous quartz-carbonate veinlets crosscut foliation, pervasive sericitization and carbonatization is present in some sections.										
		- 418.5 to 427.0 - sericite alteration up to 20%	10492	tr	418.5	423.5	5.0			Tr		
		- 450.0 - foliation at 65° to core axix	10493	tr	423.5	427.0	3.5			Tr		
		- 450.0 to 455.7 - fracture, narrow (1/8") fuschsite bands	10494	tr	445.7	450.7	5.0			Tr		
			10495	tr	450.7	455.7	5.0			Tr		
		- 455.7 to 460.4 - 1/2" wide fuchsite band	10496	tr	455.7	460.4	5.0			Tr		
		- 460.4 to 463.4 - narrow fractures filled with calcite, 1/4" wide fracture filled with arsenopyrite and calcite, 1/4" sericite alteration surrounding fracture	10497	1	460.4	463.4	3.0			.004		
			10498	0.5	474.0	479.0	5.0			Tr		
		- 480.0 - Foliation at 65° to core axis	10499	0.5	479.0	484.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY.. Randall Lake

HOLE NO. RL-88-8 SHEET NO. 8 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/TON	ASSAYS Check oz/TON
		- 502.0 to 507.0 - minor tourmaline in concordant quartz-carbonate veinlets	10500	tr	502.0	507.0	5.0			Tr	
		- 513.0 to 517.0 - pyrite stringers parallel to foliation	9501	1	513.0	517.0	4.0			Tr	
		- 537.0 - foliation at 65° to core axis	9502	0.5	524.0	529.0	5.0			Tr	
		- 542.5 to 547.5 - minor tourmaline in quartz-carbonate veinlet	9503	0.5	542.5	547.5	5.0			Tr	
		- 553.8 - 558.8 - quartz-carbonate-tourmaline vein with 3-5% tourmaline in blebs within the vein	9504	tr	553.8	558.8	5.0			Tr	
		- 565.0 - foliation at 70° to core axis									
567.0		END OF HOLE									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake 6
HOLE NO.: RL-88-15 LENGTH: 622 feet
LOCATION: L00 4+38N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-07 FINISHED: 1988-02-10

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-36°				
400	-30°				
660	-29°				

HOLE NO. RL-88-15 SHEET NO. 1 of 1
REMARKS: Pa 720004
LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	15.7	Casing									
15.7	43.3	Brown Argillaceous Wacke									
43.3	80.8	Ultramafic Schist									
		63.4 to 68.4 - massive talc, light green schist, 40-50% ankerite, very brittle	9510	.5	63.4	68.4	5.0			.016	
80.8	109.4	Brown Argillaceous Wacke	9513	tr	80.8	84.2	3.4			.014	
		80.8 to 84.2 - cherty-chloritic sediment, finely banded chert and chlorite schist, contorted 5% pyrite stringers, trace to 5% pyrrhotite									
109.4	163.5	Mafic Volcanic									
163.5	176.6	Brown Argillaceous Wacke									
176.6	311.7	Mafic Volcanic									
		224.1 to 228.7 - chloritic, trace to 0.5% pyrite	9525	tr-0.5	224.1	228.7	4.6			.022	
		247.0 to 252.0 as per 9525	9528	tr-0.5	247.0	252.0	5.0			.152	150
311.7	342.0	Brown-Green Siltstone									
342.0	463.0	Greywacke									
463.0	578.3	Brown Argillaceous Wacke									
578.3	598.9	Iron Formation									
598.9	613.9	Ultramafic Schist									
613.9	619.2	Massive Sulphides									
619.2	662.0	Ultramafic Schist									
662.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-15 LENGTH 662 feet
LOCATION L00 4+38N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-02-07 FINISHED 1988-02-10

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-36°				
400	-30°				
660	-29°				

HOLE NO. RL-88-15 SHEET NO. 1 of 8
REMARKS Pa 720004

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	15.7	Casing									
15.7	43.3	Brown Argillaceous Wacke - typical, fine grained, foliated, regular finely bedded brown to grey biotite-rich beds, and subordinate green laminae. Poorly sorted with abundant subangular 1/8" detrital quartz clasts Average Modes: Quarts 40-50% Feldspar 5-10% Chlorite 5-10% Biotite 20-30% Chert 0-5% Carbonate trace to .5% Sulphides trace to .5% - occasional quartz-carbonate stringer parallel to S_1									
		15.7 to 19.4 - sericitized and cherty looking, trace pyrite, pyrrhotite	9505	tr	15.7	19.4	3.7			Tr	
		19.4 to 28.7 - dark grey-brown, finely bedded, 62° to core axis	9506	tr	23.7	28.7	5.0			Tr	
		28.7 to 39.3 - grey, silty siliceous interval									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-15 SHEET NO. 2 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS ,	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		39.3 to 40.5 - cherty and chloritic, finely bedded, 5% fine pyrite stringers parallel to bedding, 71° to core axis	9508	tr	39.3	43.3	4.0			.002	
		40.5 to 43.3 - light green, chloritic									
43.3	80.8	Ultramafic Schist - typical - dark green chloritic schist with 1/16" to 1/4" talc-carbonate bands, and disseminated elongate quartz-carbonate augen, sheared and often complexly contorted Average Modes Chlorite 50-60% Talc 10-15% Carbonate 10-15% Quartz 3-5% Biotite 3-5% Sulphides trace									
		43.3 to 64.2 - very soft, talcose	9509	tr	43.3	48.8	5.5			Tr	
		- 63.9 to 64.2 - massive talc	9510	.5	63.4	68.4	5.0			.016	
		64.2 to 80.8 - light green schist, 40-50% ankerite, very brittle	9511	tr	68.4	73.4	5.0			Tr	
		- 64.9 to 66.0 - brecciated iron formation, 20% talc, 3-5% magnetite, 50-60% chert, 10% chlorite, 2-3% pyrite, .5% chalcopyrite	9512	tr	77.9	80.8	2.9			Tr	
		- 70.0 - 69° to core axis									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-15 SHEET NO. 3 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS ,	ASSAYS ,	ASSAYS Au OZ TON	ASSAYS Check OZ TON
80.8	109.4	Brown Argillaceous Wacke - typical									
		80.8 to 91.0 - grey, poorly sorted, minor biotite - 80.8 to 82.0 - cherty-chloritic sediment, finely banded chert and chlorite schist, contorted, 5% pyrite stringers, trace to .5% pyrrhotite	9513	tr	80.8	84.2	3.4			.014	
		91.0 to 109.4 - brown, biotite-rich, silty, 64° to core axis	9514	tr	92.3	97.0	4.7			Tr	
		- 94.0 to 94.4 - quartz vein	9515	tr	101.7	106.6	4.9			Tr	
109.4	163.5	Mafic Volcanic - typical - dark green, fine-grained, granular, frequently plagioclase-phyric, foliated to massive									
		Average Modes: Chlorite 40-50% Plagioclase 20-30% Quartz 5-10% Biotite 5-10% Carbonate 1% Sulphides trace									
		109.4 to 118.0 - foliated, tuffaceous, biotite-rich at top of interval, 59° to core axis									
		118.0 to 157.0 - gabbroic interval, trace to .5% immiscible pyrite blebs	9516	.5	116.2	121.0	4.8			Tr	
			9517	tr	138.8	144.5	5.7			Tr	
		157.0 to 163.5 - typical mafic flows, 52° to core axis	9518	tr	157.0	162.0	5.0			Tr	
163.5	176.6	Brown Argillaceous Wacke - typical - 166.2 to 166.5 - discordant quartz vein	9519	tr	165.5	170.5	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-15 SHEET NO: 4 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
176.6	311.7	Mafic Volcanic - typical	9520	tr	177.8	182.8	5.0	Tr	
			9521	tr-.5	195.4	200.4	5.0	.002	
		176.6 to 192.0 - very chloritic and schistose, 10-15% carbonate, minor talc on cleavages, 67° to core axis	9522	tr	208.9	213.9	5.0	Tr	
			9523	.5	213.9	218.9	5.0	Tr	
			9524	.5	218.9	224.1	5.2	Tr	
		192.0 to 264.1 - typical dark green volcanic	9525	tr-.5	224.1	228.7	4.6	.022	
		- 220.2 to 221.0 - quartz-tourmaline vein, 3-5% tourmaline	9526	.5-1	228.7	233.7	5.0	Tr	
			9527	.5-1	233.7	238.7	5.0	Tr	
		- 221.2 to 222.3 - quartz vein, .5% pyrite	9528	tr-.5	247.0	252.0	5.0	.152	.150
		- 240.0 - 73° to core axis							
			9529	.5	264.1	269.5	5.4	Tr	
		264.1 to 278.2 - moderate cross-fracturing with quartz-carbonate infillings, .5% fine grained pyrite	9530	1	269.5	274.5	5	Tr	
			9531	.5	274.5	278.2	3.7	Tr	
		278.2 to 297.0 - typical mafic volcanic, minor gabbro and tuff							
		- 278.2 to 283.2 - gabbro, few siderite coatings in fractures, minor disseminated chalcopyrite	9532	.5	278.2	283.2	5	Tr	
			9533	tr	289.0	294.0	5	Tr	
		297.0 to 311.7 - volcanic is moderately sheared, 5-15% wispy quartz-carbonate stringers, and carbonate blebs as disseminations and pervasive carbonate alteration	9534	tr-.5	297.0	302.0	5	Tr	
			9535	tr-.5	302.0	307.0	5	Tr	
			9536	tr-.5	307.0	311.7	4.7	Tr	
311.7	342.0	Brown to Green Siltstone - typical	9537	.5	311.7	316.7	5.0	Tr	
		- fine-grained, poorly sorted, and granular impure siltstone. Some 1-2" banding or bedding between green chloritic and brown biotite-rich layers	9538	.5	327.0	332.0	5.0	.002	
			9539	.5	332.0	337.0	5.0	Tr	
			9540	.5-1	337.0	342.0	5.0	.002	
		Average Modes Quartz/feldspar silt 30-40% Biotite 20-30% Chlorite 20-30% Carbonate 5-10%							
		- this rock is very highly carbonatized - 340.0 - 67° to core axis							

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-15 SHEET NO. 5 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton	
342.0	463.0	Greywacke - typical - fine grained, occasionally finely laminated, very siliceous, overall well sorted, few subround 1/16 to 1/8" detrital quartz fragments, occasional yellow sericitic bands Average Modes Quartz 50-60% Sericite 10-20% Chlorite 5-10% Biotite 5-10% Carbonate 1% Sulphide trace	9541	tr	347	352	5.0			Tr		
			9542	1	371.5	376.5	5			Tr		
		- 371.5 to 381.5 - 1-2% pyrite/pyrrhotite as fine grains and stringers in S_2	9543	1	376.5	381.5	5			Tr		
		- 390.0 - 54° to core axis	9544	tr	387.0	392.0	5			Tr		
		- 402.0 to 402.2 - concordant quartz vein, trace pyrite	9545	tr	398.2	403.1	4.9			Tr		
			9546	tr-.5	403.1	407.7	4.6			Tr		
		- 404.9 to 406.1 - quartz vein, .5% pyrite	9547	tr	427.0	431.9	4.9			Tr		
		- 410.0 - 45° to core axis	9549	tr	444.0	449.0	5			Tr		
		- 439.0 to 465.0 - bedding and S_1 parallel to core axis	9548	tr	455.6	460.5	4.9			Tr		
463.0	578.3	Brown Argillaceous Wacke - typical	9550	.5	484.8	489.8	5			Tr		
		- gradational from previous unit, highly contorted, few narrow sericitized bands, bedding frequently runs parallel to core axis, few cross-fractures, highly carbonatized	9551	.5	495.9	500.9	5			Tr		
			9552	.5	507.0	511.9	4.9			Tr		
			9553	tr-.5	511.9	517.0	5.1			Tr		
			9554	tr-.5	517.0	522.0	5			.008		
			9555	tr-.5	522.0	527.0	5			Tr		
		463 to 528 - as above	9556	tr-.5	527.0	532.0	5			Tr		
			9557	tr-.5	532.0	537.0	5			Tr		
		528 to 578.3 - silicified, numerous quartz veins and networks of veinlets	9558	tr-.5	537.0	542.0	5			Tr		
			9559	tr-.5	542.0	545.1	3.1			Tr		

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-15 SHEET NO. 6 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		AU OZ TON	Check OZ TON	
		- 545.1 to 545.3 - concordant quartz-tourmaline vein, 1% arsenopyrite, .5% pyrite, wall rock silicified - 546.2 to 546.6 - quartz vein, 1% pyrite/pyrrhotite, wall rock silicified - 547 to 548.8 - quartz vein, .5 to 1% arsenopyrite, .5 to 1% pyrite, .5% pyrrhotite, 3-5% ankerite, silicified wall rock contains .5 to 1% disseminated arsenopyrite - 562.6 to 563.8 - quartz vein	9560	.5-1	545.1	549.1	4			.002		
			9561	tr	549.1	554.1	5			Tr		
			9562	tr	554.1	558.0	3.9			Tr		
			9563	tr	558.0	561.5	3.5			Tr		
			9564	tr	561.5	564.4	2.9			Tr		
			9565	tr	564.4	569.4	5			Tr		
			9566	.5-1	569.4	574.4	5			Tr		
			9567	tr-.5	574.4	578.3	3.9			Tr		
578.3	598.9	Iron Formation - finely bedded, grey cherty gruneritic iron formation with less than 10% magnetite, magnetite occurs as disseminated fine grains in chert-grunerite beds. The unit is intensely deformed and thickened by folding, a few in-folded carbonatized ultramafic rock enclaves are present. The unit is highly mineralized with sulphides and contains on average 5-10% pyrrhotite and pyrite, and minor chalcopyrite and arsenopyrite which occur as irregularly disseminated stringers, blebs, and fracture fillings, and bedding - parallel laminae Average Modes Chert 40-50% Grunerite 15-20% Magnetite 0-5% Chlorite 10-15% Pyrrhotite 5-10% Pyrite 2-3% Chalcopyrite trace - .5% Arsenopyrite trace - .5% Carbonate 2-3%										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-15 SHEET NO. 7 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		578.3 to 582.3 - moderate to highly contorted, chloritic microfractures with pyrite, 1-2% pyrrhotite, trace chalcopyrite overall, 64° to core axis - 581.5 to 582.0 - chlorite-carbonate schist										
		582.3 to 597 - cherty, with grunerite and chlorite interbeds, highly contorted, few quartz-carbonate stringers, overall 5% pyrrhotite, 2-3% pyrite, .5 to 1% chalcopyrite, trace to .5% arsenopyrite	9569	3	582.3	585.0	2.7			.002		
			9570	5.7	585.0	589.1	4.1			Tr		
			9571	5.7	589.1	593.1	4			Tr		
			9572	7-10	593.1	597.0	3.9			.006		
			9573	tr	597.0	598.9	1.9			Tr		
		597.0 to 598.9 - magnetite-chert bed running parallel to core axis										
598.9	613.9	Ultramafic Schist - typical - highly carbonatized talc-chlorite-ankerite schist, contorted, few quartz-carbonate stringers and veinlets	9574	tr	598.9	603.9	5.0			Tr		
			9575	tr	603.9	608.5	4.6			Tr		
			9576	2	608.5	611.8	3.3			Tr		
			9577	tr-.5	611.8	613.9	2.1			Tr		
		Average Modes Talc 20-30% Carbonate 10-50% Chlorite 20-50% Pyrite trace to .5% Pyrrhotite trace to .5% Chalcopyrite trace to .5%										
		598.9 to 608.5 - brittle chlorite-carbonate schist, 50-60% carbonate										
		608.5 to 613.5 - talc-chlorite-carbonate schist - 608.5 to 609.4 - quartz vein, 1-2% pyrrhotite, 1% chalcopyrite, 1-2% pyrite, 3-5% ankerite										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-15 SHEET NO.: 8 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
613.9	619.2	Massive Sulphides Average Modes Pyrite 40-50% Pyrrhotite 20-30% Chalcopyrite 2-3% Arsenopyrite .5 to 1% Chert 10-15% Chlorite 1-3% Carbonate trace to .5% - this unit might be a sulphidized iron-rich sediment as minor magnetite was noted in chert. Predominantly a massive yellow +1-cherty unit, few crosscutting quartz veinlets and minor remnant bedding visible between massive sulphide and chlorite laminae									
619.2	662.0	Ultramafic Schist - typical 619.2 to 626.6 - soft, talcose, abundant ankerite blebs disseminated throughout, 44° to core axis 626.6 to 662.0 - very brittle carbonate-rich rock, 10-15% quartz-carbonate stringers, trace to .5% pyrite/pyrrhotite - 650.0 - 50° to core axis	9580	tr	619.2	624.0	4.8			Tr	
			9581	tr	624.0	627.9	3.9			Tr	
			9582	.5	627.9	632.0	4.1			Tr	
			9583	.5	632.0	637.0	5.0			Tr	
			9584	1.0	637.0	642.0	5.0			Tr	
			9585	.5	642.0	647.0	5.0			Tr	
			9586	.5	647.0	652.0	5.0			Tr	
			9587	.5	652.0	657.0	5.0			Tr	
			9588	.5	657.0	662.0	5.0			Tr	
662.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-16 LENGTH 358.7'

LOCATION L00 11+70N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 152° DIP -44°

STARTED 1988-02-02 FINISHED 1988-02-04

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°				
200	-40.5°				

HOLE NO. RL-88-16 SHEET NO. 1 of 1

REMARKS Pa 720091

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/TON	ASSAYS Check oz/TON
0	8.5	Casing and Overburden									
8.5	47.0	Mafic Flow									
47.0	129.0	Ultramafic Volcanic									
129.0	175.5	Mafic Flow									
175.5	303.0	Ultramafic Volcanic 241.4 to 259.7 - highly silicified volcanic sheared at 20° to core axis, trace to 0.5% pyrite with numerous quartz-carbonate veinlets	10838	tr	243.0	246.0	3.0			.010	
303.0	307.6	Greywacke									
307.6	317.3	Banded Iron Formation - with trace to 10% pyrrhotite, trace to 2% pyrite and trace chalcopyrite									
317.3	358.7	Alternating Chert and Silcified Greywacke									
358.7		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO. RL-88-16 LENGTH 358.7'
LOCATION L00 11+70N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 152° DIP -44°
STARTED 1988-02-02 FINISHED 1988-02-04

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°				
200	-40.5°				

HOLE NO. RL-88-16 SHEET NO. 1 of 7
REMARKS Pa 720091

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	8.5	Casing and Overburden									
8.5	47.0	Mafic Flow - green, fine grained, highly distorted and folded quartz-carbonate-chlorite schist; strong foliation; carbonate alteration throughout Average Modes Chlorite 40-60% Carbonate 10-30% Quartz 10-20% Biotite 1-5% Pyrite trace to 2% Pyrrhotite trace to 2% - very faint argillaceous (biotite) contamination in certain intervals; carbonate alteration as bands, pods or stringers parallel to the foliation, sulphide as small blebs or thin stringers parallel to the foliation									
			10793		8.0	10.0	2.0			Tr	
		- 10.0 to 11.5; 7.0" quartz-calcite vein; broken, 7% pyrite, 1% pyrrhotite, trace chalcopyrite as very fine grained aggregates, minor limonitic staining contacts at 60° to core axis	10794	8	10.0	11.5	1.5			Tr	
			10795		11.5	13.0	1.5			Tr	
		- 13.0 to 14.5; 8.0" quartz-calcite vein; contacts broken; 7% pyrite, 1% chalcopyrite as very fine grained aggregates or as fracture fillings	10796	8	13.0	14.5	1.5			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-16 SHEET NO. 2 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		- 14.5 to 17.0; loss core 0.5'; 2% pyrrhotite, trace pyrite, trace chalcopyrite	10797	2	14.5	17.0	2.5			.002	
		- 14.5 - foliation at 54° to core axis	10798		17.0	19.0	2.0			Tr	
		- 19.0 to 25.5; loss core 5.5'	10799		19.0	25.5	6.5			Tr	
		- 25.5 to 28.0; 6.0" quartz-calcite vein at 50° to core axis; trace pyrite on vein margins	10800	tr	25.5	28.0	2.5			Tr	
			10801	tr	28.0	33.0	5.0			Tr	
			10802		33.0	38.0	5.0			Tr	
			10803		38.0	43.0	5.0			Tr	
			10804		43.0	47.0	4.0			Tr	
		- 45.0'; foliation at 47° to core axis									
47.0	129.0	Ultramafic Volcanic									
		- dark grey-green, fine grained, talc-carbonate-chlorite schist, highly distorted and folded, gradational contacts									
		Average Modes Talc 40-55% Carbonate 20-30% Chlorite 10-20% Quartz 1-15% Pyrite trace to 1.0% Pyrrhotite trace to 1.0% Magnetite trace									
		- magnetite as fine disseminated grains, rare, occasional mafic volcanic interlayers									
		- 47.0 to 52.0; irregular quartz-calcite veining with deformation in a ductile sense; inclusions of host material throughout; 1 to 5% pyrite, trace to 1% pyrrhotite, trace to 0.5% chalcopyrite	10805	7	47.0	48.5	1.5			Tr	
			10806	3	48.5	50.0	1.5			Tr	
			10807	1	50.0	52.0	2.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-16 SHEET NO.: 3 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		- 52.0 to 57.0; 4.0' loss core	10808		52.0	57.0	5			Tr		
			10809		57.0	60.8	3.8			Tr		
		- 60.8; foliation at 50° to core axis - 60.8 to 63.0; 4.0" quartz-calcite vein at 47° to core axis	10810	tr	60.8	63.0	2.2			Tr		
			10811	tr	63.0	67.0	4.0			Tr		
			10812	tr	72.2	74.5	2.3			Tr		
		- 79.3 to 81.2; 1% pyrite with irregular thin (≤0.5") quartz veinlets	10813	1	79.3	81.2	1.9			Tr		
		- 90.5; foliation at 60° to core axis										
			10814	tr	90.4	92.3	1.9			Tr		
		- 92.3 to 96.3; 10.0" weakly silicified bleached interval with several irregular quartz stringers and trace pyrite; several other quartz veinlets <1.0" with trace 0.5 pyrite/chalcopyrite	10815	0.5	92.3	96.3	4.0			Tr		
		- 96.3 to 99.5 - numerous irregular quartz-calcite veinlets ≤0.5" with trace pyrite	10816	tr	96.3	94.5	3.2			Tr		
			10817	tr	99.5	102.0	2.5			Tr		
			10818	tr	102.0	104.5	2.5			Tr		
		- 109.5 to 112.0; weakly silicified with several thin quartz stringers, trace pyrite	10819	tr	109.5	112.0	2.5			Tr		
		- 112.0 to 114.3; 1.0" quartz-calcite veinlet with a 0.5% pyrrhotite/pyrite; numerous other irregular quartz stringers with trace sulphide	10820	0.5	112.0	114.3	2.3			Tr		
		- 114.3 to 117.0; 5.0" quartz-calcite vein with irregular contacts; 1 to 2% pyrite in vein; several other thin quartz-calcite veinlets with 1% pyrite	10821	2	114.3	117.0	2.7			Tr		
			10822	tr	117.0	122.0	5.0			Tr		
		- 118.0; foliation at 47° to core axis										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-16 SHEET NO. 4 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
129.0	175.5	Mafic Flow - similar to interval 8.5 to 47.0; contact gradational									
		- 141.0 to 144.0; 1.0"; irregular quartz-calcite veinlet with 1 to 2% pyrrhotite/pyrite	10823	2	141.0	144.0	3.0			Tr	
		- 146.0; foliation at 48° to core axis	10824	1	144.0	147.0	3.0			Tr	
		- 147.0 to 149.0; 1.5" quartz-calcite veinlet at 55° to core axis	10825		147.0	149.0	2.0			Tr	
		- 173.2; foliation at 59° to core axis	10826	tr	161.8	165.0	3.2			Tr	
175.5	303.0	Ultramafic Volcanic - similar to interval 47.0 to 129.0; talc-carbonate-chlorite schist; upper contact at 55° to core axis; magnetite not evident in this interval									
		- 182.0 to 187.0; broken									
		- 188.9 to 197.0; 3.8' core loss									
		- 197.0 to 207.0; 7.5' core loss									
			10827	tr	207.0	209.3	2.3			Tr	
		- 209.3 to 211.5; several irregular quartz-calcite veinlets; highly distorted, all ≤1.5"; no visible sulphides	10828		209.3	211.5	2.2			Tr	
			10829		211.5	213.5	2.0			Tr	
		- 216.5; foliation at 50° to core axis									
		- 218.0 to 220.0; irregular quartz-calcite pod; largest dimension ≤2.0"	10830		218.0	220.0	2.0			Tr	
			10831		220.0	225.0	5.0			Tr	
			10832	tr	225.0	227.0	2.0			Tr	
		- 227.0 to 229.9; highly silicified with trace pyrite	10833	tr	227.0	224.9	2.9			Tr	
		- 229.9; foliation at 40° to core axis									
		- 229.9 to 237.0; loss core 3.7', very broken	10834		229.9	237.0	7.1			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-16 SHEET NO. 5 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON
			10835		237.0	238.2	1.2			Tr	
		- 238.2 to 241.4; highly silicified with 1-3% very fine grained pyrrhotite, trace chalcopyrite	10836	3	238.2	241.4	3.2			.002	
		- 241.4 to 259.7; highly silicified protolith, difficult to distinguish, likely a volcanic, highly sheared at 20° to core; trace to 0.5% pyrite, relatively common; numerous quartz-calcite veinlets, overprinted by silification	10837	tr	241.4	243.0	1.6			Tr	
			10838	tr	243.0	246.0	3.0			.010	
			10839		246.0	248.0	2.0			Tr	
			10840	tr	248.0	251.0	3.0			Tr	
			10841	tr	251.0	253.5	2.5			Tr	
			10842		253.5	256.0	2.5			Tr	
			10843	tr	256.0	258.0	2.0			Tr	
			10844	tr	258.0	259.7	1.7			Tr	
		- 262.0; foliation at 52° to core axis									
			10845	tr	270.0	274.0	4.0			Tr	
			10846	tr	278.5	282.5	4.0			Tr	
		- 296.0; foliation at 55° to core axis									
			10847		300.0	303.0	3.0			Tr	
303.0	307.6	Greywacke									
		- dark grey, fine grained, highly silicified sediment; weak banding, strong foliation, small (1/16" to 1/8") rounded, equant quartz fragments common throughout, upper contact at 50° to core axis									
		Average Mode Quartz 70-85% Biotite 5-20% Chlorite 5-10% Calcite trace to 2% Pyrite trace									
		- trace very fine grained, disseminated pyrite throughout									
			10848	tr	303.0	305.5	2.5			Tr	
			10849	tr	305.5	307.6	2.1			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-16 SHEET NO. 6 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS ,	ASSAYS Au OZ TON	ASSAYS Check OZ TON
307.6	317.3	Banded Iron Formation - yellowish grey to grey to dark green, fine grained, alternating chert, recrystallized chert, magnetite and grunerite magnetite bands on a scale of ≤ 1/2"; highly distorted in a ductile sense; contacts at 45° to core axis	10850	5-15	307.6	309.0	1.4			.002	
			10851	0.5	309.0	311.0	2.0			Tr	
			10852	1	311.0	313.0	2.0			Tr	
			10853	0.5	313.0	315.0	2.0			Tr	
			10854	1	315.0	317.3	2.3			Tr	
		Average Mode Chert 40-55% Magnetite 10-35% Grunerite 5-10% Pyrrhotite trace to 10% Pyrite trace to 2% Chalcopyrite trace									
		- sulphide as fine grained patches, numerous parallel crosscutting quartz stringers (≤ 1/16" wide) at 30-50° to core axis, common but generally barren									
317.3	358.7	Alternating Chert and Silicified Greywacke - greenish-grey, fine grained, alternating chert and silicified greywacke beds (on scale of 1-2 ft.); carbonate alteration throughout									
		Average Mode Quartz) Chert) 60-70% Biotite 10-20% Chlorite 5-10% Calcite 5-10% Pyrite trace									
		- fine, rounded detrital quartz fragments common throughout greywacke intervals; fragments on scale of 1/16" to 1/8"									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-16 SHEET NO. 7 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		- 317.3 to 319.0; 1.5" quartz-calcite pod - 323.0; foliation at 52° to core axis	10855		317.3	319.0	1.7			Tr	
			10856	tr	324.6	327.5	2.9			Tr	
		- 327.5 to 329.5; 1% pyrrhotite/pyrite; also 1/2" quartz-calcite veinlet with trace pyrite	10857	1	327.5	329.5	2.0			Tr	
			10858	tr	340.0	343.3	3.3			.002	
		- 343.3 to 345.5; 10.0" irregular quartz-calcite vein with inclusions of host material; contacts broken; with 0.5 to 1% pyrite	10859	1	343.3	345.5	2.2			Tr	
			10860	tr	345.5	347.0	1.5			Tr	
		- 347.0 to 349.5; 5.0" glossy quartz vein at 50° to core axis, 0.5% pyrrhotite/pyrite wall rock	10861	0.5	347.0	349.5	2.5			Tr	
		- 352.0; foliation at 50° to core axis									
			10862	tr	349.5	352.0	2.5			Tr	
		- 355.5 to 356.5; 1-2% pyrite/pyrrhotite in a 1/2" quartz-calcite veinlet	10863	2	355.5	356.5	1.0			.002	
358.7		END OF HOLE									

ANGRIDGES — TORONTO — 366-1'68

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-17 LENGTH: 677'
LOCATION: L00 11+54N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -44°
STARTED: 1988-01-30 FINISHED: 1988-02-02

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°				
200	-37°				
400	-32°				
600	-29.5°				

HOLE NO. RL-88-17 SHEET NO. 1 of 1
REMARKS: Pa 720091
LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	Au OZ/TON	Check OZ/TON
0	4.8	Casing and Overburden									
4.8	84.9	Mafic Flow									
84.9	113.2	Banded Iron Formation - numerous quartz veinlets, trace to 10% pyrrhotite, trace to 2% pyrite, trace to 2% arsenopyrite, trace chalcopyrite									
113.2	179.4	Mafic to Ultramafic Flow									
179.4	197.7	Greywacke									
197.7	204.7	Siltstone									
204.7	278.0	Greywacke									
278.0	309.7	Mafic Volcanic									
309.7	370.3	Alternating Greywacke and Siltstone									
370.3	401.2	Mafic to Ultramafic Flow 373.0 to 380.0 moderately silicified with 1-3% pyrite/pyrrhotite; numerous irregular quartz-calcite pods	10757	3	376.0	380.0	4.0			.052	.060
401.2	415.2	Greywacke									
415.2	453.0	Mafic to Ultramafic Flow									
453.0	499.0	Ultramafic Flow									
499.0	641.7	Mafic Volcanics (Flows)									
641.7	677.0	Greywacke									
677.0		End of Hole									

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-17 LENGTH: 677'
LOCATION: L00 11+54N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -44°
STARTED: 1988-01-30 FINISHED: 1988-02-02

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°				
200	-37°				
400	-32°				
600	-29.5°				

HOLE NO. RL-88-17 SHEET NO. 1 of 12
REMARKS: Pa 720091
LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	4.8	Casing and Overburden									
4.8	84.9	Mafic Flow - green, fine grained, highly distorted and folded, quartz-carbonate-chlorite schist, strong foliation, carbonate alteration throughout Average Modes: Chlorite 40-60% Carbonate 10-30% Quartz 5-15% Biotite 5-10% Pyrite trace to 1% - very faint argillaceous (biotite) contamination throughout; carbonate alteration as bands or stringers parallel to the foliation; limonitic staining on fracture surfaces; pyrite as small blebs or thin stringers parallel to the foliation - 4.8 to 7.0; 2 quartz veins from 5.0' to 5.4' and 5.9' to 6.5'; quartz-carbonate veins with pyrite, pyrrhotite as fracture fillings within the vein strong limonitic staining; 1-5% pyrite, 1% pyrrhotite; trace chalcopyrite, trace to 1.0% arsenopyrite; trace tourmaline, trace fuchsite; vein contacts at 47° to core axis	10678	5	4.8	7.0	2.2			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-17 SHEET NO. 2 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		- 7.0 to 12.0; core loss (approx. 2.0') from 8.0' to 9.0', very blocky, broken; 4.0" quartz-calcite vein (9.0 to 9.3') with 1-5% pyrite, 1% pyrrhotite, trace chalcopyrite, trace to 0.5 arsenopyrite, strong limonitic staining	10679	5	7.0	12.0	5.0			Tr		
		- 7.0; foliation at 40° to core axis										
			10680	tr	12.0	17.0	5.0			Tr		
			10681	tr	17.0	22.0	5.0			Tr		
		- 22.0 to 27.0; 2 to 1.0" quartz-calcite veinlets with trace pyrite	10682	tr	22.0	27.0	5.0			Tr		
		- 22.0; foliation at 47° to core axis										
		- 27.0 to 32.0; highly crenulated, trace pyrite	10683	tr	27.0	32.0	5.0			Tr		
			10684	tr	32.0	37.0	5.0			Tr		
			10685	tr	37.0	42.0	5.0			Tr		
		- 46.0; foliation at 46° to core axis										
		- 56.0 to 84.9; highly distorted, pervasive carbonatization										
			10686	tr	56.0	61.0	5.0			Tr		
			10687		61.0	66.0	5.0			Tr		
		- 66.0 to 71.0; minor talc-alteration	10688	tr	66.0	71.0	5.0			Tr		
			10689	tr	71.0	76.0	5.0			Tr		
		- 69.5; foliation at 46° to core axis	10690	tr	76.0	81.0	5.0			Tr		
			10691	2	81.0	84.9	3.9			Tr		
84.9	113.2	Banded Iron Formation										
		- yellowish grey to grey to dark green, fine grained, alternating chert and recrystallized chert, magnetite and grunerite-magnetite bands on a ≤ 1/2" scale; numerous quartz ± tourmaline veinlets <1.0" parallel to the bedding; quartz stringers ≤ 1/4" crosscutting at 30-80° to core axis common; contacts at 52° to core axis										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-17 SHEET NO. 3 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS oz/ton	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		Average Modes:									
		Chert) Quartz) 30-40%									
		Grunerite 5-30%									
		Magnetite 5-30%									
		Pyrrhotite trace to 10%									
		Pyrite trace to 2%									
		Arsenopyrite trace to 2%									
		Chalcopyrite trace									
		- grunerite as partial to entire replacement of magnetite bands; sulphides as fine disseminated grains, fine grained aggregates, fracture fillings, in quartz veinlets and stringers parallel to the bedding plane									
		- 84.9 to 92.0; trace to 10% pyrrhotite, 1 to 3% pyrite, trace to 1% arsenopyrite	10692		84.9	86.7	1.8			.002	
			10693		86.7	89.2	2.5			Tr	
			10694		89.2	92.0	2.8			.002	
		- 92.0 to 94.0; 2.0" very blocky and broken quartz-calcite vein with 5% pyrite, 1% pyrrhotite, 0.5% chalcopyrite; strong limonitic staining	10695	5	92.0	94.0	2.0			Tr	
			10696	3	94.0	97.0	3.0			Tr	
		- 94.0 to 106.3; highly silicified with numerous quartz veinlets and stringers; trace to 3% pyrrhotite; trace to 2%, trace chalcopyrite, trace to 0.5% arsenopyrite	10697	5	97.0	100.0	3.0			Tr	
			10698	5	100.0	103.0	3.0			Tr	
			10699	5	103.0	106.3	3.3			Tr	
		- 106.3 to 109.0; trace to 1% pyrrhotite/pyrite	10700	1	106.3	109.0	2.7			Tr	
		- 107.0; foliation at 50° to core axis									
		109.0 to 113.2; moderately silicified with trace to 3% pyrrhotite, 1% pyrite, trace chalcopyrite	10701	4	109.0	113.2	4.2			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-17 SHEET NO.: 4 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
113.2	179.4	Mafic to Ultramafic Flow - greyish green to green, fine grained, highly distorted, quartz-carbonate-chlorite±talc schist; carbonatization ranging from weak to pervasive; strong foliation Average Modes Chlorite 30-50% Carbonate 5-30% Quartz 5-20% Talc 5-20% Pyrite trace to 1% Pyrrhotite trace to 1% - carbonatization and intense deformation make it difficult to identify the protolith; likely alternating ultramafic and mafic flows									
			10702	tr	113.2	117.0	3.8			Tr	
		- 117.0 to 122.0; intense deformation and fragmentation of carbonate pods, trace pyrite	10703	tr	117.0	122.0	5.0			Tr	
		- 122.0 to 127.0; strong silicification and folding 1% to 2% fuchsite, bleaching, 3% pyrrhotite, 1% pyrite	10704	4	122.0	127.0	5.0			Tr	
			10705	tr	127.0	129.2	2.2			Tr	
		- 129.2 to 132.5; 10.0" of silicified-intensively carbonatized material with 2% pyrrhotite/pyrite, 1% magnetite	10706	2	129.2	132.5	3.3			Tr	
			10707	tr	132.5	137.0	4.5			Tr	
		- 137.0 to 140.0; 2-2.0" quartz-carbonate veins crosscutting at 10-20° to core axis; carbonate concentrated around contact of vein with host 2% pyrrhotite/pyrite	10708	2	137.0	140.0	3.0			Tr	
			10709	tr	140.0	145.0	5.0			Tr	
		- 144.0; foliation at 40° to core axis	10710	tr	145.0	150.0	5.0			Tr	
			10711	tr	150.0	154.0	4.0			Tr	
		- 161.0; foliation at 48° to core axis	10712	tr	154.0	156.6	2.6			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-17 SHEET NO. 5 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		- 165.3 to 179.4; highly carbonatized with a strong crenulation cleavage, trace pyrite	10713	tr	165.3	170.0	4.7	Tr	
			10714	tr	170.0	175.0	5.0	Tr	
			10715	tr	175.0	179.4	4.4	Tr	
179.4	197.7	Greywacke - light to dark grey, fine to medium grained, silicified sediments with fine (1/16 to 1/8") rounded, equant quartz fragments throughout (5-15%); strong foliation, in distinct banding on 1/2" scale, upper contact at 58° to core axis Average Modes: Quartz 50-70% Biotite 5-15% Chlorite 5-10% Sericite 5-10% Carbonate 1-15% Pyrrhotite trace to 2% Pyrite trace to 1% Fuchsite trace to 1% - minor sericite-carbonate alteration, sulphides as fine disseminated grains or thin stringers parallel to the foliation; numerous carbonate-quartz bands (≤1.0") parallel to the foliation, fuchsite occurring as flattened, stretched clots;								
			10716	5	179.4	181.0	1.6	Tr	
		- 182.0; foliation at 53° to core axis - 181.0 to 191.0; trace pyrite, trace to 0.5% arsenopyrite	10717	0.5	181.0	186.0	5.0	.006	
			10718	tr	186.0	191.0	5.0	Tr	
			10719	0.5	191.0	196.0	5.0	Tr	
		- 196.0 to 197.7; 8.0" quartz-calcite vein with trace to 1% pyrite/pyrrhotite, and 1/2" crosscutting quartz-calcite-tourmaline vein with 1% pyrite/pyrrhotite, trace chalcopyrite, contact at 60° to core axis	10720	1	196.0	197.7	1.7	Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-17 SHEET NO. 6 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS Au OZ TON	Check OZ TON
197.7	204.7	Siltstone - dark grey, fine grained siltstone with a strong foliation; contacts at 60° to core axis Average Modes Biotite 60-80% Quartz 5-15% Calcite 5-10% Pyrite trace - fine calcite stringers (<0.25") with angular quartz fragments parallel to the foliation; common; - 202.0; foliation at 58° to core axis							
204.7	278.0	Greywacke - similar to interval 179.4 to 197.7 - 204.7 to 208.0; 1.0% pyrite with minor fuchsite alteration - 208.0 to 213.0; highly distorted with carbonate alteration, trace pyrite - 223.0 to 231.0; 0.5% arsenopyrite, 0.5% pyrite - 231.0 to 232.8; 8.0" of highly silicified material with trace tourmaline, patchy carbonate and trace to 0.5% arsenopyrite - 232.0; foliation at 50° to core axis - 237.6 to 242.5; 1% arsenopyrite, trace pyrite - 242.5 to 247.5; 0.5 to 1% arsenopyrite, 0.5% pyrite in an irregular quartz-calcite veinlet	10721	1	204.7	208.0	3.3		Tr
			10722	tr	208.0	213.0	5.0		Tr
			10723	tr	213.0	218.0	5.0		Tr
			10724	1	218.0	223.0	5.0		Tr
			10725	0.5	223.0	228.0	5.0		Tr
			10726	0.5	228.0	231.0	3.0		Tr
			10727	0.5	231.0	232.8	1.8		Tr
			10728	tr	232.8	237.6	4.8		Tr
			10729	1	237.6	242.5	4.9		Tr
			10730	1.5	242.5	247.5	5.0		Tr
			10731	tr	247.5	248.7	1.2		Tr

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-17 SHEET NO.: 7 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		- 248.7 to 256.4; irregular, distorted quartz veining with inclusions of highly sheared host, trace to 2% arsenopyrite, 1% pyrite, trace pyrrhotite, trace chalcopyrite, irregular contacts	10732	3	248.7	252.0	3.3	Tr	
			10733	3	252.0	254.0	2.0	Tr	
			10734	2	254.0	256.4	2.4	Tr	
		- 256.4 to 261.0; minor fuchsite alteration as irregular clots, trace pyrite	10735	tr	256.4	261.0	4.6	Tr	
		- 261.0 to 266.0; 0.5% arsenopyrite, trace pyrite, fuchsite alteration, moderately silicified	10736		261.0	266.0	5.0	Tr	
			10737	tr	266.0	271.0	5.0	Tr	
		- 266.0 to 271.0; numerous irregular quartz-calcite veinlets <1.0"							
		- 266.5; foliation at 45° to core axis							
			10738		271.0	275.0	4.0	Tr	
			10739	tr	275.0	278.0	3.0	Tr	
278.0	309.7	Mafic Volcanic (Flow)							
		- green, fine grained, strongly foliated flow; weak carbonatization throughout, contact indistinct							
		Average Modes:							
		Chlorite 60-85%							
		Quartz 5-15%							
		Calcite 1-15%							
		Epidote 1-3%							
		Pyrite trace							
		- numerous irregular quartz-calcite-epidote veinlets ≤0.5", highly distorted; pyrite as fine grains or stringers parallel to the foliation; highly crenulated intervals throughout							
		- 290.0; foliation at 46° to core axis							
			10740	tr	305.0	309.7	4.7	Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-17 SHEET NO. 8 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
309.7	370.3	Alternating Greywacke and Siltstone										
		- interval consists of alternating greywacke beds (similar to interval 179.4 to 197.7) and siltstone beds (similar to interval 197.7 to 204.7), on a scale of 2-5'; strong foliation throughout; fuchsite alteration as green bleaching; carbonate alteration as pods or bands ± quartz, roughly parallel to the foliation; minor silicification in this interval; contacts indistinct										
			10741	tr	312.0	317.0	5.0			Tr		
		- 321.0 to 325.5; fuchsite alteration with trace to 0.5% pyrite	10742		321.5	324.0	2.5			Tr		
			10743		324.0	325.5	1.5			Tr		
		- 325.5 to 333.0; highly distorted and silicified with trace pyrite	10744	tr	325.5	328.5	3.0			Tr		
			10745	tr	328.5	331.5	3.0			Tr		
			10746		331.5	333.0	1.5			.002		
		- 327.0; foliation at 55° to core axis										
		- 333.0 to 340.0; strong fuchsite alteration and minor silicification with trace to 1% pyrite/ pyrrhotite	10747	tr	333.0	336.2	3.2			Tr		
			10748	tr	336.2	338.0	1.8			Tr		
			10749	tr	338.0	340.0	2.0			Tr		
		- 348.0; foliation at 61° to core axis										
		- 352.2 to 362.7; fuchsite alteration throughout with several irregular quartz-calcite pods; trace to 0.5% pyrite parallel to the foliation surfaces or as fracture filling	10750	tr	352.2	357.0	4.8			Tr		
			10751	tr	357.0	361.0	4.0			Tr		
			10752	tr	361.0	362.7	1.7			Tr		
		- 362.7 to 370.3; strong carbonate alteration, highly distorted in a ductile sense	10753		362.7	367.0	4.3			Tr		
			10754		367.0	370.3	3.3			Tr		
370.3	401.2	Mafic to Ultramafic Flow										
		- similar to interval 113.2 to 179.4; consists of alternating sections of highly distorted, strongly carbonatized schist (possible ultramafic flow), and poorly foliated to massive chlorite schist with minor carbonatization, trace to 3% pyrite/pyrrhotite as fine disseminated blebs or irregular stringers associated with quartz veinlets; trace to 3% magnetite as fine disseminated grains, irregular patches or stringers common; upper contact at 65° to core axis										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-17 SHEET NO. 9 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		- 370.3 to 373.0; highly silicified, 2 to 5% pyrite associated with irregular quartz pods and stringers	10755	5	370.3	373.0	2.7			Tr		
		- 373.0 to 380.0; moderately silicified with 1 to 3% pyrite/pyrrhotite, numerous irregular quartz-calcite pods	10756	3	373.0	376.0	3.0			.002		
			10757	3	376.0	380.0	4.0			.052	.060	
		- 380.0; foliation at 35° to core axis										
			10758	1	380.0	383.5	3.5			.002		
		- 383.5 to 387.0; silicified with 1% pyrite, trace arsenopyrite	10759	1	383.5	387.0	3.5			Tr		
		- 387.0 to 397.9; strong carbonate-talc alteration, highly distorted, 1 to 3% magnetite	10760	tr	387.0	392.0	5.0			Tr		
			10761	tr	392.0	395.0	3.0			Tr		
			10762	tr	395.0	397.9	2.9			.002		
		- 397.7 to 401.2; 1 to 3% magnetite	10763		397.9	401.2	3.3			.002		
401.2	415.2	Greywacke										
		- similar to interval 179.4 to 197.7; contacts at 48° to core axis										
		- 401.2 to 403.5; highly silicified with trace pyrite	10764	tr	401.2	403.5	2.3			Tr		
			10765	2	403.5	406.0	2.5			Tr		
		- 413.5 to 415.2; 4.0" quartz-calcite vein at 56° to core axis	10766		413.5	415.2	1.7			Tr		
415.2	453.0	Mafic to Ultramafic Flow										
		- similar to interval 113.2 to 179.4, consists of alternating intervals of highly distorted, strongly carbonatized talc-carbonate-chlorite schist and poorly foliated to massive chlorite schist with minor carbonatization, trace to 2% magnetite as disseminated grains or thin stringers, common										
			10767	tr	415.2	419.3	4.1			Tr		
		- 419.3 to 425.0; pervasive talc-carbonate alteration	10768		419.3	423.0	3.7			Tr		
			10769		423.0	425.0	2.0			Tr		
		- 432.0; foliation at 60° to core axis										
		- 434.0 to 436.5; 1% pyrite/pyrrhotite in calcite filled fractures	10770	1	434.0	436.5	2.5			Tr		
		- 439.5 to 444.0; as per 10770	10771	1	439.5	444.0	4.5			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-17 SHEET NO. 10 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
453.0	499.0	Ultramafic Flow - dark grey-green, fine grained, talc-carbonate-chlorite schist, highly distorted in a ductile sense, gradational contacts Average Modes: Talc 40-60% Carbonate 20-30% Chlorite 10-20% Quartz 1-10% Magnetite trace to 2% Pyrrhotite trace to 0.5% Pyrite trace - magnetite as fine disseminated grains, relatively common, throughout									
			0772	tr	453.0	458.0	5.0			Tr	
		- 458.0 to 463.0; 1% pyrrhotite/pyrite rimming an ovoid quartz-calcite pod	0773	1	458.0	463.0	5.0			Tr	
			0774	tr	463.0	468.0	5.0			Tr	
			0775	tr	468.0	473.0	5.0			Tr	
			0776		473.0	478.0	5.0			Tr	
		- 467.0; foliation at 46° to core axis									
			0777	tr	493.0	497.0	4.0			Tr	
499.0	641.7	Mafic Volcanics (Flow) - green, fine grained, quartz-chlorite schist with minor carbonate alteration; good foliation; upper contact irregular									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-17 SHEET NO. 11 of 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS .	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		Average Modes: Chlorite 70-80% Quartz 5-20% Calcite 1-10% Biotite 1-5% Pyrite trace to 0.5% Pyrrhotite trace to 0.5% Magnetite trace to 3%										
		- magnetite as fine disseminated grains or irregular patches, common; sulphides as fine disseminated grains or irregular stringers roughly parallel to the foliation										
		- 499.0 to 504.0; 0.5% pyrite in a highly carbonatized and fractured interval	10778	0.5	499.0	504.0	5.0			Tr		
		- 505.0; foliation at 52° to core axis										
			10779	tr	508.5	511.5	3.0			Tr		
		- 521.5 to 527.0; trace pyrite/pyrrhotite; trace to 2% magnetite	10780	tr	521.5	523.0	1.5			Tr		
			10781	tr	523.0	527.0	4.0			Tr		
			10782	0.5	532.6	536.5	3.9			Tr		
		- 542.0; foliation at 65° to core axis										
		- 562.0 to 566.0; trace to 0.5% pyrite/pyrrhotite in a zone of argillaceous contamination	10783	0.5	562.0	566.0	4.0			Tr		
			10784	0.5	578.1	581.0	2.9			Tr		
			10785	tr	581.0	584.0	3.0			Tr		
		- 587.0; foliation at 65° to core axis										
		- 609.0 to 612.0; trace pyrite in an interval of argillaceous contamination	10786	tr	609.0	612.0	3.0			Tr		
		- 619.0; foliation at 61° to core axis										
			10787		639.0	641.7	2.7			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON
641.7	677.0	Greywacke - light grey to green, fine grained, poorly banded, highly silicified sediments; fine (≤ 1/16") rounded, equant quartz fragments throughout, upper contact broken Average Modes: Quartz 30-60% Biotite 5-25% Chlorite 10-15% Sericite 5% Calcite 1-5% Pyrite trace Fuchsite 1-2% - fuchsite alteration as thin wisps or clots throughout - 641.7 to 643.0; 5 to 10% pyrite over 6.0" in a slightly carbonatized, blocky interval	10788	10	641.7	643.0	1.3			Tr	
			10789		643.0	646.0	3.0			Tr	
			10790	tr	646.0	650.0	4.0			Tr	
			10791		650.0	654.0	4.0			Tr	
		- 660.0 to 662.0; 3" quartz calcite vein at 56° to core axis, barren - 662.0; foliation at 60° to core axis	10792		660.0	662.0	2.0			Tr	
677.0		END OF HOLE									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-18 LENGTH: 357'
LOCATION: L00 16+44N
LATITUDE: DEPARTURE: -0
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-01-28 FINISHED: 1988-01-30

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-40°				
357	-38°				

HOLE NO. RL-88-18 SHEET NO. 1 of 1
REMARKS: Pa 720091
LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	10.0	Casing and Overburden									
10.0	22.5	Mafic Volcanic (Flow)									
22.5	42.7	Quartz-Biotite-Chlorite Schist (Greywacke)									
42.7	60.5	Mafic Volcanic (Flow)									
60.5	274.0	Siltstone to Silty Mafic Tuff									
274.0	357.0	Mafic Volcanic (Flow)									
357.0		End of Hole									

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-18 LENGTH: 357'
LOCATION: L00 16+44N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-01-28 FINISHED: 1988-01-30

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-40°				
357	-38°				

HOLE NO. RL-88-18 SHEET NO. 1 of 6
REMARKS Pa 720091

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	10.0	Casing and Overburden									
10.0	22.5	Mafic Volcanic (Flow (?)) - green to greyish green, fine grained highly distorted flow; strong foliation, pervasive carbonatization throughout Average Mode: Chlorite 50-80% Calcite 5-40% Quartz 5-15% Pyrite trace to 0.5% Pyrrhotite trace to 0.5% - minor secondary silicification occurring as irregular pods; pyrite/pyrrhotite as very fine disseminated grains, common throughout - 10.0 to 12.0; highly sheared with strong fuchsite-carbonate alteration, shearing at 65° to core axis; trace to 1% pyrite/pyrrhotite	10630	1	10.0	12.0	2.0			Tr	
			10631	1	12.0	17.0	5.0			Tr	
			10632	tr	17.0	22.5	5.5			Tr	
22.5	42.7	Quartz-Biotite-Chlorite Schist (Greywacke (?)) - brown to greenish grey, fine to medium grained, strong foliation, pervasive carbonate alteration and foliation make it difficult to determine a protolith; upper and lower contacts gradational									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-18 SHEET NO.: 2 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS ..	ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		Average Mode:										
		Chlorite 20-40%										
		Biotite 10-30%										
		Calcite 10-30%										
		Quartz 10-30%										
		Pyrite trace to 1%										
		Pyrrhotite trace to 0.5%										
		- pyrite/pyrrhotite as very fine disseminated grains or thin stringers parallel to the foliation, common										
		- 22.5 to 27.5; trace pyrite/pyrrhotite with several irregular quartz-calcite veinlets	10633	tr	22.5	27.5	5.0			Tr		
		- 27.0; foliation at 55° to core axis	10634	tr	27.5	32.5	5.0			Tr		
		- 32.5 to 37.5; trace pyrite in an irregular quartz-calcite pod	10635	tr	32.5	37.5	5.0			.004		
		- 37.5 to 42.7; trace to 0.5% pyrite/pyrrhotite with a strong D_2 crenulation cleavage	10636	0.5	37.5	42.7	5.2			Tr		
		- 42.0; shearing at 40° to core axis										
42.7	60.5	Mafic Volcanic (Flow (?))	10637	2	42.7	47.7	5.0			Tr		
		- similar to interval 10.0 to 22.5; contact indistinct, numerous irregular quartz-calcite pods, clots or bands commonly stretched parallel to foliation, common throughout interval; trace to 2% magnetite as fine disseminated grains, abundant throughout	10638	tr	47.7	52.7	5.0			Tr		
			10639	tr	52.7	57.7	5.0			Tr		
			10640	tr	57.7	60.5	2.8			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-18 SHEET NO: 3 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OPT	ASSAYS Check Au OPT	
60.5	274.0	Siltstone to Silty Mafic Tuff - grey to greenish grey, fine grained, strong foliation; alternating siltstone to silty tuff, gradational; strong carbonatization makes it difficult to identify the protolith Average Mode: Quartz 20-40% Biotite 10-30% Calcite 10-30% Fuchsite trace to 30% Chlorite 1-10% Magnetite trace to 2% Pyrite trace to 2% Pyrrhotite trace to 2% - magnetite as fine disseminated grains, dispersed randomly throughout, pyrite/pyrrhotite as fine disseminated grains or irregular grain aggregates										
		60.5 to 76.3; strong foliation; relatively unaltered - 60.5 to 70.5; trace to 2% pyrite	10641	2	60.5	65.5	5.0			Tr		
			10642	2	65.5	70.5	5.0			Tr		
		- 62.0; foliation at 57° to core axis										
			10643	tr	70.5	75.0	4.5			Tr		
		- 75.0 to 76.3; trace to 5% pyrite/pyrrhotite	10644	5	75.0	76.3	1.3			Tr		
		76.3 to 121.4; strong carbonate-fuchsite alteration with minor silicification; strong foliation; fuchsite alteration occurs as a green bleaching	10645	0.5	76.3	81.3	5.0			Tr		
			10646	0.5	81.3	86.3	5.0			Tr		
		- 86.0; foliation at 53° to core axis										
			10647	tr	86.3	91.3	5.0			Tr		
			10648	tr	91.3	96.3	5.0			Tr		
			10649	tr	96.3	101.3	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-18 SHEET NO. 4 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		- 120.0; foliation at 55° to core axis									
		121.4 to 274.0; very strongly carbonatized	10654	tr	121.4	126.4	5.0			Tr	
		- 126.4 to 130.5; trace to 2% pyrite/pyrrhotite, 3% magnetite	10655	2	126.4	130.5	4.1			Tr	
		- 135.8 to 140.5; trace pyrite/pyrrhotite with numerous quartz-calcite veinlets at 50° to core axis	10656	tr	135.8	140.5	4.7			Tr	
		- 139.0; foliation at 57° to core axis									
		- 140.5 to 142.2; trace to 0.5% pyrite/pyrrhotite; 1% magnetite	10657	0.5	140.5	142.2	1.7			Tr	
			10658	0.5	149.9	154.9	5.0			Tr	
		- 158.5; foliation at 57° to core axis									
			10659	0.5	160.0	165.0	5.0			Tr	
		- 182.0 to 183.0; interval of relatively unaltered silty mafic tuff									
			10660	0.5	187.0	192.0	5.0			Tr	
		- 189.0; foliation at 68° to core axis									
			10661	0.5	192.0	197.0	5.0			Tr	
		- 210.0 to 215.0; trace to 3% pyrite/pyrrhotite	10662	5.0	210.0	215.0	5.0			Tr	
		- 216.0; foliation at 60° to core axis									
		- 215.0 to 231.0; trace to 5% very fine grained	10663	5	215.0	220.0	5.0			Tr	
		disseminated pyrrhotite/pyrite in a slightly sheared	10664	3	220.0	225.0	5.0			Tr	
		interval; shearing at 53° to core axis - 240.0;	10665	tr	225.0	230.0	5.0			Tr	
		foliation at 48° to core axis - 245.0 to 250.0; trace	10666	tr	230.0	231.0	1.0			Tr	
		to 5% pyrite/pyrrhotite in a highly distorted	10667	5	245.0	250.0	5.0			Tr	
		interval; sulphide as stringers parallel to D_2 crenulation cleavage									
		- 250.0 to 264.0; strong talc-carbonate alteration	10668	tr	250.0	255.0	5.0			Tr	
		with trace pyrite	10669	tr	255.0	260.0	5.0			Tr	
			10670	tr	260.0	264.0	4.0			Tr	
		- 262.0; foliation at 64° to core axis									
		- 264.0 to 274.0; talc-carbonate alteration with	10671	10	264.0	269.0	5.0			Tr	
		trace to 10% pyrrhotite, trace to 7% pyrite; trace to	10672	10	269.0	274.0	5.0			Tr	
		0.5% chalcopyrite									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO: RL-88-18
SHEET NO.: 5 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS '	ASSAYS "	ASSAYS Au OZ TON	ASSAYS Check OZ TON
274.0	357.0	Mafic Volcanic (Flow)									
		- green to mottled greenish-grey, fine grained, strong foliation, highly carbonatized and distorted in localized intervals making it difficult to distinguish a protolith									
		Average Mode:									
		Chlorite 50-85%									
		Calcite 5-35%									
		Quartz 5-15%									
		Fuchsite trace to 5%									
		Pyrite trace to 1%									
		Pyrrhotite trace to 3%									
		Magnetite trace to 1%									
		- pyrite as fine disseminated grains or grain aggregates, magnetite as fine disseminated grains, rare									
		274.0 to 325.4; very fine grained, massive to moderately foliated, minor carbonatization									
			10673	tr	274.0	277.0	3.0			Tr	
		- 277.0; foliation at 62° to core axis									
			10674	tr	297.0	301.0	4.0			Tr	
		- 306.0; foliation at 70° to core axis									
			10675	tr	321.2	325.4	4.2			Tr	
		325.4 to 357.0; highly carbonatized, distorted, difficult to determine a protolith, likely a mafic or ultramafic volcanic									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-18 SHEET NO: 6 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/TON	ASSAYS Check oz/TON	
		- 337.0 to 347.0; highly distorted, minor fuchsite bleaching from 337.0 to 342.0; several 1" ovoid quartz-calcite pods; trace to 3% pyrrhotite; trace to 1% pyrite as fine grained aggregates	10676	3	337.0	342.0	5.0			Tr		
			10677	3	342.0	347.0	5.0			Tr		
		- 347.5; foliation at 62° to core axis										
357.0		END OF HOLE										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-19 LENGTH: 997'
LOCATION: 98+03W 4+62N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-17 FINISHED: 1988-02-21

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		800	-21°	
200	-41°		997	-18°	
400	-38°				
600	-25°				

HOLE NO. RL-88-19 SHEET NO. 1 of 1
REMARKS: Pa 720024
Summary Log
LOGGED BY: Jay Drew

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	16.0	Casing									
16.0	153.3	Mafic Volcanics									
153.3	164.0	Ultramafic Schist									
164.0	210.0	Mafic Volcanics									
210.0	588.4	Ultramafic Schist									
588.4	700.6	Quartz-Sericite Schist									
700.6	709.5	Ultramafic Schist									
709.5	733.0	Quartz-Sericite Schist									
733.0	744.4	Mafic Volcanic (Quartz-Carbonate-Chlorite Schist)									
744.4	865.6	Quartz-Sericite Schist									
865.6	870.6	Mafic Volcanic (Quartz-Carbonate-Chlorite Schist)									
870.6	997.0	Quartz-Sericite Schist									
997.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-19 LENGTH: 997'
LOCATION: 98+03W 4+62N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-17 FINISHED: 1988-02-21

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		800	-21°	
200	-41°		997	-18°	
400	-38°				
600	-25°				

HOLE NO. RL-88-19 SHEET NO. 1 of 11
REMARKS Pa 720024
LOGGED BY Jay Drew

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	16.0	Casing									
16.0	153.3	Mafic Volcanics - typical - light to dark green, fine-grained quartz-chlorite schist, strongly foliated, texture varies from slightly tuffaceous to massive, occasional intervals of minor silicification Average Modes: Chlorite 50-60% Plagioclase 10-15% Quartz 5-10% Carbonate 5-10% Biotite 5-10% Pyrite trace Magnetite trace - numerous cross-cutting quartz-carbonate veinlets (1/16 to 1/4"), pyrite occurs as disseminated grains and stringers parallel to S_1, disseminated magnetite occasionally present in tuffaceous sections									
		- 27.0; foliation at 66° to core axis	8501	tr	22.8	28.3	5.5			Tr	
		- 28.3 to 34.0; 3/4" concordant quartz-carbonate veinlet	8502	tr	28.3	34.0	5.7			Tr	
		- 37.0 to 42.0; 3/4" concordant quartz-carbonate veinlet, trace tourmaline	8503	tr	37.0	42.0	5.0			Tr	
		- 37.0: foliation at 55° to core axis									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-19 SHEET NO.: 2 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS oz/ton Au	ASSAYS oz/ton Check
		- 42.0 to 47.0; 1/2" concordant carbonate veinlet with trace tourmaline, occasional highly contorted quartz-carbonate veinlets	8504	tr	42.0	47.0	5.0	Tr	
		- 47.0 to 52.4; 1" concordant quartz-carbonate veinlet in tuffaceous horizon	8505	tr	47.0	52.4	5.4	Tr	
		- 52.4 to 54.4; 1" wide quartz veinlet	8506	tr	52.4	54.4	2.0	Tr	
		- 57.0; foliation at 60° to core axis							
		- 59.1 to 64.1; minor silicification, cross-cutting quartz-carbonate veinlets	8507	tr	59.1	64.1	5.0	Tr	
		- 64.1 to 69.1; 3" quartz-carbonate vein, minor silicification	8508	tr	64.1	69.1	5.0	Tr	
		- 69.1 to 74.1; 1 1/2" quartz-carbonate veinlet, trace tourmaline	8509	tr	69.1	74.1	5.0	Tr	
		- 74.1 to 77.0; highly fractured with moderate silicification	8510	tr	74.1	77.0	2.9	Tr	
		- 77.0 to 79.0; tuffaceous interval with cross-cutting quartz-carbonate veinlets (1/2" to 1 1/2" wide), trace to 0.5% magnetite	8511	tr	77.0	79.0	2.0	.002	
		- 83.4 to 88.4; 1/2" to 1" wide concordant quartz-carbonate veinlets, trace tourmaline	8512	tr	83.4	88.4	5.0	Tr	
			8513	tr	94.1	99.3	5.2	Tr	
		- 103.0; foliation at 58° to core axis	8514	tr	103.1	108.1	5.0	Tr	
		- 108.1 to 113.1; 1 1/2" quartz-carbonate veinlet with trace tourmaline	8515	tr	108.1	113.1	5.0	Tr	
		- 113.1 to 122.0; tuffaceous interval with argillaceous contamination, trace to 0.5% pyrrhotite, 0.5 to 1.0% pyrite and trace chalcopyrite	8516	tr	113.1	117.0	3.9	Tr	
			8517	2	117.0	122.0	5.0	Tr	
		- 122.0 to 127.0; moderately silicified with trace to 0.5% chalcopyrite, trace pyrrhotite, trace to 0.5% pyrite	8518	1	122.0	127.0	5.0	Tr	
		- 137.0; foliation at 70° to core axis	8519	tr	137.0	142.0	5.0	Tr	
		- 147.0 to 150.3; highly fractured with cross-cutting quartz-carbonate veinlets, 0.5 to 1.0% pyrite, 0.5 to 1.0% chalcopyrite	8520	0.5	142.0	147.0	5.0	Tr	
			8521	2.0	147.0	150.3	3.3	.002	
			8522	2.0	150.3	153.3	3.0	Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY... Randall Lake

HOLE NO. RL-88-19 SHEET NO. 3 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS "	ASSAYS Au	ASSAYS Check	ASSAYS
153.3	164.0	Ultramafic Schist - typical - fine grained talc-carbonate-chlorite schist consisting of alternating dark green chlorite-rich bands and white talc-carbonate bands (1/8 to 1/4"), occasional talc-rich intervals, weak banding in talc rich sections Average Modes: Chlorite 50-60% Carbonate 10-15% Talc 10-15% Quartz 3-5% Biotite 3-5% Magnetite 1-2% Pyrite trace - occasional 1/2" to 1" talc-carbonate bands with minor quartz concordant to foliation										
			8523	1	153.3	157.0	3.7			Tr		
			8524	0.5	157.0	162.0	5.0			Tr		
		- 162.0; foliation at 55° to core axis	8525	1	162.0	164.0	2.0			Tr		
164.0	210.0	Mafic Volcanics - typical - pervasive carbonatization (15-20%)	8526	2	164.0	167.0	3.0			Tr		
		- 167.0 to 172.0; 1-2% pyrite, 0.5 to 1% chalcopyrite, occurs in blebs and stringers parallel to S_1	8527	3	167.0	172.0	5.0			.002		
		- 173.0; foliation at 55° to core axis	8528	0.5	172.0	177.0	5.0			Tr		
			8529	0.5	192.0	197.0	5.0			Tr		
			8530	0.5	204.3	210.0	5.7			Tr		
210.0	588.4	Ultramafic Schist - typical - occasional intervals of biotite contamination, occasional intervals are unaltered or carbonatized, few sections are coarse-grained, weakly banded	8531	tr	212.0	217.0	5.0			Tr		
			8532	0.5	232.0	237.0	5.0			Tr		
			8533	0.5	248.7	253.7	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-19 SHEET NO: 4 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS '	ASSAYS "	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		- 259.0; foliation at 60° to core axis									
		- 262.0 to 267.0; trace to 0.5% pyrite, trace to 0.5% chalcopyrite	8534	1	262.0	267.0	5.0			Tr	
		- 267.0; foliation at 60° to core axis									
		- 267.0 to 272.0; highly contorted talc-carbonate bands	8535	tr	267.0	272.0	5.0			Tr	
		- 282.0 to 287.0; 1/2" carbonate veinlet, concordant, trace chalcopyrite, trace pyrite	8536	tr	282.0	287.0	5.0			Tr	
			8537	tr	297.0	302.0	5.0			Tr	
		- 312.0 to 317.0; highly contorted talc-carbonate bands	8538	tr	312.0	317.0	5.0			Tr	
		- 317.0; foliation at 60° to core axis									
		- 327.0 to 332.0 - 4.0 feet of unaltered ultramafics with 1-2% pyrite, trace to 0.5% chalcopyrite	8539	2	327.0	332.0	5.0			Tr	
			8540	0.5	337.0	342.0	5.0			Tr	
		- 348.0; foliation at 65° to core axis	8541	tr	356.0	361.0	5.0			Tr	
		- 364.1 to 367.4; 1 foot wide iron formation, 80% magnetite, 10-15% chert, 1-5% quartz veins	8542	tr	364.1	367.4	3.3			Tr	
			8543	tr	377.0	382.0	5.0			Tr	
		- 380.0; foliation at 65° to core axis									
			8544	tr	402.0	407.0	5.0			Tr	
		- 427.0 to 430.0; 2" concordant quartz-carbonate veinlet with 15-20% massive chalcopyrite, 1 to 5% pyrite, trace pyrrhotite and trace magnetite	8545	10	427.0	430.0	3.0			Tr	
		- 430.0; foliation at 65° to core axis									
		- 442.0; foliation at 55° to core axis									
			8546	0.5	446.3	452.0	5.7			Tr	
			8547	tr	459.2	474.2	5.0			Tr	
		- 467.0; foliation at 60° to core axis									
			8548	0.5	478.5	483.5	5.0			Tr	
		- 484.0; foliation at 50° to core axis									
			8549	tr	492.7	497.7	5.0			Tr	
		- 505.7 to 512.7; highly contorted talc-carbonate bands	8550	tr	505.7	512.7	5.0			Tr	
		- 507.0; foliation at 60° to core axis									
			8551	tr	512.7	518.4	5.7			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-19 SHEET NO.: 5 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS OZ TON	ASSAYS OZ TON	
		- 535.0 to 540.0; highly contorted talc-carbonate bands	8552	0.5	535.0	540.0	5.0			Tr		
		- 540.0 to 543.0; silty interbed with 2" of chert magnetite bands; contorted cross-cutting quartz-carbonate veinlets (approx. 1/8"), pyrite occurs as blebs along foliation and fractures, 1 to 2% pyrite, trace pyrrhotite	8553	2	540.0	543.0	3.0			Tr		
		- 540.0; foliation at 60° to core axis										
		- 547.0 to 552.0; highly contorted talc-carbonate bands, 2.0 foot silty interval with trace to 0.5% pyrite	8554	0.5	547.0	552.0	5.0			Tr		
		- 562.0 to 567.0; siltstone with few 1/2" quartz-carbonate veinlets	8555	0.5	562.0	567.0	5.0			Tr		
		- 567.0 to 572.0; 3 feet of siltstone with few 1" wide quartz-carbonate veinlets, 2 to 3% chalcopyrite, trace to 0.5% pyrite	8556	3	567.0	572.0	5.0			Tr		
		- 577.0; foliation at 55° to core axis										
		- 584.1 to 588.4; numerous narrow (1/8" to 1/4") quartz-carbonate veinlets parallel to S_1, increase in number near contact with underlying sediments	8557	tr	584.1	588.4	4.3			Tr		
588.4	700.6	Quartz-Sericite Schist - typical - yellow-grey to light grey, fine-medium grained granular sediment, strongly foliated with occasional laminated intervals Average Modes: Quartz 50-60% Sericite 30-35% Chlorite 1-5% Calcite 1-5% Pyrite trace to 2% - pyrite occurs as finely disseminated grains or in thin stringers parallel to foliation, sediment has been silicified and sericitized										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-19 SHEET NO. 6 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		588.4 to 598.7; heavily silicified with up to 80% quartz, 2-5% pyrite, occasional 1/8" to 1/4" stringers of pyrite - 590.0; foliation at 70° to core axis	8558	5	588.4	593.4	5.0			Tr	
			8559	2	593.4	598.7	5.3			Tr	
		598.7 to 638.1; weak to moderate silicification and sericitization, 1 to 2% pyrite, occasional concordant quartz veinlets up to 2"									
		- 598.7 to 603.7; 2' ultramafic unit, 3" concordant quartz-carbonate vein with small patches of fuchsite and sericite within 1 to 2% pyrite	8560	2	598.7	603.7	5.0			Tr	
			8561	1	603.7	608.7	5.0			Tr	
			8562	1	608.7	613.7	5.0			Tr	
			8563	1	613.7	618.7	5.0			Tr	
		- 617.0; foliation at 75° to core axis									
			8564	1	618.7	623.7	5.0			Tr	
		- 623.7 to 628.7; 1.5' of carbonatized ultramafics, 1 to 2% pyrite	8565	2	623.7	628.7	5.0			Tr	
			8566	1	628.7	633.7	5.0			Tr	
			8567	1	633.7	638.1	4.4			Tr	
		- 637.0; foliation at 75° to core axis									
		638.1 to 678.5; finely laminated, occasional chlorite band, moderately sericitized, weakly silicified, 3 to 5% carbonate									
		- 638.1 to 643.1; poorly laminated	8568	1	638.1	643.1	5.0			Tr	
		- 643.1 to 653.1; prominent laminations	8569	1	643.1	648.1	5.0			Tr	
			8570	1	648.1	653.1	5.0			Tr	
		- 653.0; foliation at 75° to core axis									
		- 653.1 to 663.1; moderately laminated, moderate to strong sericitization	8571	1	653.1	658.1	5.0			Tr	
			8572	1	658.1	663.1	5.0			Tr	
		- 663.1 to 678.5; poorly laminated with weak to moderate sericitization	8573	2	663.1	668.1	5.0			Tr	
			8574	2	668.1	673.1	5.0			Tr	
			8575	2	673.1	678.5	5.4			Tr	
		- 667.0; foliation at 70° to core axis									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-19 SHEET NO. 7 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton	
		678.5 to 700.6; weak to moderate sericitization and silicification, granular with up to 40-50% quartz fragments, 1/16" to 1/8" in diameter, 1 to 2% pyrite										
		- 678.5 to 683.5; occasional quartz veinlet (< 1/8" wide) cross-cutting foliation, few 1/8" pyrite stringers, 2 to 3% pyrite	8576	3	678.5	683.5	5.0			Tr		
			8577	1	683.5	688.5	5.0			Tr		
		- 687.0; foliation at 70° to core axis	8578	1	688.5	693.5	5.0			Tr		
			8579	3	693.5	697.5	4.0			Tr		
			8580	1	697.5	700.6	3.1			Tr		
700.6	709.5	Ultramafic Schist - typical										
		- occasional highly contorted talc-carbonate bands, few 3" quartz-carbonate veins, concordant	8581	tr	700.6	704.6	4.0			Tr		
			8582	tr	704.6	709.5	4.9			Tr		
709.5	733.0	Quartz-Sericite Schist - typical										
		- moderate to strong silicification, moderate sericitization, granular with 30-40% quartz fragments, occasional 1/2" concordant quartz-carbonate veinlets	8583	1	709.5	714.5	5.0			Tr		
			8584	2	714.5	719.5	5.0			Tr		
		- 714.0; foliation at 60° to core axis	8585	1	719.5	724.5	5.0			Tr		
			8586	2	724.5	729.5	5.0			Tr		
			8587	2	729.5	733.0	3.5			Tr		
733.0	744.4	Mafic Volcanic (Quartz-Carbonate-Chlorite Schist)										
		-fine grained consisting of dark green chlorite-rich bands and white carbonate bands, strongly sheared and carbonatized, possibly a mafic flow										
		Average Modes:										
		Chlorite 50-60%										
		Carbonate 20-25%										
		Quartz 1-5%										
		Plagioclase 5-10%										
		Pyrite trace	8588	tr	733.0	738.0	5.0			Tr		
			8589	tr	738.0	741.0	3.0			Tr		
		- typical bands range from 1/8" to 1/4" wide	8590	tr	741.0	744.4	3.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-19 SHEET NO. 8 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
744.4	865.6	Quartz-Sericite Schist - typical										
		744.4 to 780.6; pyrite in 1/8" to 1/4" blebs, strong silicification (70-80%) weak sericitization, 1-2% pyrite, few concordant quartz-carboante veinlets	8591	2	744.4	749.5	5.1			Tr		
			8592	1	749.5	754.5	5.0			Tr		
			8593	2	754.5	759.5	5.0			Tr		
			8594	3	759.5	764.5	5.0			Tr		
		- 746.0; foliation at 78° to core axis	8595	3	764.5	769.5	5.0			Tr		
		- 774.0; foliation at 70° to core axis	8596	1	769.5	774.5	5.0			Tr		
		- 774.5 to 777.0; up to 90% quartz flooding	8597	1	774.5	777.0	2.5			Tr		
			8598	1	777.0	780.6	3.6			Tr		
		780.6 to 808.5; moderate to weak sericitization and silicification, 1 to 2% pyrite, occasional strong sericitization										
			8599	2	780.6	785.6	5.0			Tr		
			8600	2	785.6	790.6	5.0			Tr		
		- 780.0; foliation at 65° to core axis										
			8601	1	790.6	793.2	2.6			Tr		
		- 793.2 to 795.2; 1.5' of strong sericitization, 60 to 70% sericite, trace pyrite	8602	tr	793.2	795.2	2.0			Tr		
		- 790.0; foliation at 60° to core axis										
			8603	2	795.2	800.2	5.0			Tr		
		- 800.2 to 805.2; 2 to 3% massive pyrite within narrow carbonate veinlets	8604	3	800.2	805.2	5.0			Tr		
			8605	1	805.2	808.5	3.3			Tr		
		808.5 to 825.8; weak to moderate sericitization, weak silicification, 40-50% irregular 1/8" to 1/4" quartz fragments, few narrow pyrite stringers	8606	3	808.5	813.5	5.0			Tr		
		- 813.5 to 818.5; 1/4" wide pyrite band and 1/8" wide pyrite band	8607	3	813.5	818.5	5.0			Tr		
		- 817.0; foliation at 70° to core axis	8608	1	818.5	821.5	3.0			Tr		
			8609	1	821.5	825.8	4.3			Tr		
		825.8 to 865.6; heavily silicified (60-70%), weak to moderate sericitization, minor chlorite										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-19 SHEET NO.: 9 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OPTION	ASSAYS Check OPTION	
		- 825.8 to 840.8; weak sericitization, strong silicification, trace to 1% pyrite	8610	1	825.8	830.8	5.0			Tr		
		- 837.0; foliation at 65° to core axis	8611	1	830.8	835.8	5.0			Tr		
			8612	0.5	835.8	840.8	5.0			Tr		
			8613	1	840.8	845.8	5.0			Tr		
			8614	1	845.8	850.8	5.0			Tr		
		- 850.8 to 855.8; moderate sericitization, 3 to 5% carbonate, 3" quartz-carbonate vein, concordant; 1/4" cross-cutting quartz-carbonate veinlet with trace to 0.5% pyrite	8615	2	850.8	855.8	5.0			Tr		
			8616	1	855.8	860.8	5.0			Tr		
		- 860.8 to 865.6; heavily silicified becoming more sericitized towards the contact with underlying mafic interval; 1 to 5% chlorite	8617	1	860.8	865.6	4.8			Tr		
865.6	870.6	Mafic Volcanic (Quartz-Carbonate-Chlorite Schist) - less carbonatized and moderately sheared, 1 to 5% fuchsite in bands in quartz-carbonate veinlets	8618	tr	865.6	870.6	5.0			Tr		
870.6	997.0	Quartz-Sericite Schist - typical										
		870.6 to 886.6; heavy silicification (70-80%), weak sericitization, 1 to 5% carbonate										
		- 871.0; foliation at 60° to core axis	8619	0.5	870.6	875.6	5.0			Tr		
			8620	1	875.6	881.1	5.5			Tr		
			8621	1	881.1	886.6	5.5			Tr		
		886.6 to 907.6; moderate sericitization, weak to moderate silicification	8622	1	886.6	891.5	4.9			Tr		
			8623		891.5	896.5	5.0			Tr		
			8624		896.5	902.0	5.5			Tr		
			8625	1	902.0	907.6	5.6			Tr		
		- 907.0; foliation at 70° to core axis										
		907.6 to 916.8; moderate to strong silicification, moderate sericitization, trace to 0.5% pyrite	8626	0.5	907.6	912.6	5.0			Tr		
			8627	0.5	912.6	916.8	4.2			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-19 SHEET NO: 10 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	ASSAYS ,	Au OZ TON	Check OZ TON	
		916.8 to 934.2; moderate to strong sericitization, weak to moderate silicification										
		- 916.8 to 921.8; moderate silicification, moderate sericitization	8628	0.5	916.8	921.8	5.0			Tr		
		- 921.8 to 934.2; strong sericitization, granular; weak silicification, minor chlorite along fractures	8629	0.5	921.8	927.0	5.2			Tr		
			8630	0.5	927.0	931.0	4.0			Tr		
			8631	0.5	931.0	934.2	3.2			Tr		
		- 927.0; foliation at 75° to core axis										
		934.2 to 949.2; strong silicification, weak to moderate sericitization, narrow chlorite bands along fractures, minor potassic alteration within quartz, few cross-cutting quartz-carbonate veinlets	8632	0.5	934.2	939.2	5.0			Tr		
			8633	0.5	939.2	944.2	5.0			Tr		
			8634	0.5	944.2	949.2	5.0			Tr		
		- 946.0; foliation at 80° to core axis										
		949.2 to 972.8; strong granular sericitization, weak to moderate silicification, 1 to 5% chlorite, narrow quartz-carbonate veinlets along fractures	8635	tr	949.2	954.2	5.0			Tr		
			8636	tr	954.2	959.2	5.0			Tr		
		- 956.0; foliation at 75° to core axis	8637	tr	959.2	964.2	5.0			Tr		
			8638	tr	964.2	968.2	4.0			Tr		
			8639	tr	968.2	972.8	4.6			Tr		
		972.8 to 997.0; moderate to strong silicification, weak to moderate sericitization, potassic alteration within quartz, occasional laminated intervals with chlorite laminae, narrow quartz-carbonate veinlets along fractures										
		- 973.0; foliation at 70° to core axis	8640	0.5	972.8	977.0	4.2			Tr		
		- 977.0 to 982.0; narrow interval strongly sericitized and laminated	8641	0.5	977.0	982.0	5.0			Tr		
		- 982.0 to 987.0; moderately laminated with strongly silicified intervals, potassic alteration intense in 1/4" wide bands	8642	tr	982.0	987.0	5.0			Tr		
		- 987.0 to 992.0; trace to 3% chlorite in bands	8643	0.5	987.0	992.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-19 SHEET NO. 11 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		- 992.0 to 997.0; heavily silicified with potassic alteration, trace to 0.5% pyrite, trace arsenopyrite	8644	0.5	992.0	997.0	5.0			Tr		
997.0		END OF HOLE										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-20 LENGTH 67.0'
LOCATION L20+00W 4+28N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-02-16 FINISHED 1988-02-16

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				

HOLE NO. RL-88-20 SHEET NO. 1 of 1
REMARKS Pa 720005

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG
0	34.0	Casing and Overburden
34.0	67.0	Mafic Volcanic
67.0		End of Hole

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-20 LENGTH 67.0'
LOCATION L20+00W 4+28N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -45°
STARTED 1988-02-16 FINISHED 1988-02-16

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				

HOLE NO. RL-88-20 SHEET NO. 1 of 1
REMARKS Pa 720005

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	34.0	Casing and Overburden									
34.0	67.0	Mafic Volcanic - light to dark green, very fine grained, quartz-chlorite schist; strongly foliated Average Modes: Chlorite 55-75% Plagioclase 10-15% Quartz 5-15% Biotite 1-5% Calcite 1-5% Pyrite trace - thin quartz-calcite veinlets (< 1/2") roughly parallel to the foliation, common; 1 to 2% quartz-calcite filled microfractures, cross-cutting on an irregular pattern, common									
		- 34.0 to 37.0; 1.0" quartz-calcite vein with inclusions of wallrock and trace pyrite, arsenopyrite; contacts broken; numerous other veinlets (<1.0") in remainder	9266	tr	34.0	37.0	3.0			Tr	
		- 37.0 to 43.2; broken, 3.5' loss core									
		- 43.2 to 44.3; 1.0" quartz-calcite veinlet	9267		43.2	44.3	1.1			Tr	
		- 46.5; foliation at 50° to core axis									
		- 57.0 to 62.0; numerous quartz-calcite veinlets (<1.0") and augen	9268		57.0	62.0	5.0			Tr	
		- 63.0; foliation at 47° to core axis									
67.0		END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-20A LENGTH: 797'
LOCATION: 20+05W 4+28N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-16 FINISHED: 1988-02-20

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		797	-40°	
200	-44°				
400	-44°				
600	-41°				

HOLE NO. RL-88-20A SHEET NO. 1 of 1
REMARKS Pa 720005
LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Au Check oz/ton	
0	34.5	Casing										
34.5	127.3	Mafic Volcanic										
127.3	134.6	Banded Iron Formation										
134.6	157.1	Green Chloritic Mudstone										
157.1	197.6	Ultramafic Schist										
197.6	214.2	Banded Iron Formation										
214.2	225.0	Ultramafic Schist										
225.0	229.6	Banded Iron Formation										
229.6	597.1	Ultramafic Schist - 386.0 to 545.1 - highly magnetic massive, granular pyroxenite										
597.1	616.0	Gabbro										
616.0	635.1	Ultramafic Schist										
635.1	677.1	Silicified Shear Zone										
677.1	724.8	Ultramafic Schist										
724.8	797.0	Quartz-eye Rhyolite										
797.0		End of Hole										

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-20A LENGTH: 797'
LOCATION: 20+05W 4+28N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-16 FINISHED: 1988-02-20

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		797	-40°	
200	-44°				
400	-44°				
600	-41°				

HOLE NO. RL-88-20A SHEET NO. 1 of 6
REMARKS: Pa 720005

LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	34.5	Casing									
34.5	127.3	Mafic Volcanic - typical - dark green, fine grained, foliated flows and tuff. Minor cross-fracturing and occasional concordant 1 to 2" quartz veinlet Average Modes: Chlorite 30-40% Plagioclase 30-40% Quartz 5-10% Carbonate 1-2% Epidote 1-2% Biotite 5-7% Sulphides trace to .5%									
		34.5 to 90.7 - massive, fine grained flows - 34.8 to 35.1; quartz vein, .5% chalcopyrite, .5% pyrrhotite - 40.0; 63° to core axis - 70.0; 72° to core axis	9958	tr	34.5	39.5	5.0			.002	
			9959	tr	57.3	62.0	4.7			r	
		90.7 to 127.3 - finely banded, tuffaceous, 10 to 15% biotite (pelite), few narrow chert blebs - 100.0; 69° to core axis - 110.0; 63° to core axis	9960	5	99.2	104.2	5.0			.002	
			9961	tr-.5	117.3	122.3	5.0			.002	
			9962	tr-.5	122.3	127.3	5.0			r	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-20A SHEET NO. 2 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS -	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON	
127.3	134.6	Banded Iron Formation (BIF) - typical - dark grey-green to black, finely bedded on a 1/8 to 1/4" scale. Black magnetite, dark green chlorite schist, yellow-green grunerite, grey chert. Grunerite occurs at the contact of chert and magnetite beds. Bedding is very regular and undeformed at 69° to core axis Average Modes: Chert 30-40% Magnetite 20-30% Grunerite 5-10% Chlorite 10-20% Pyrite .5-1% Chalcopyrite .5% - pyrite occurs as fine grains in a few tiny cross-fractures, and small boudinaged quartz-carbonate veinlets parallel to bedding. Chalcopyrite occurs as fine disseminated grains	9963	.5	127.3	132.0	4.7			.002		
			9964	.5	132.0	134.6	2.6			.002		
134.6	157.1	Green Chloritic Mudstone - typical - light green finely bedded chert and chlorite bands. Occasionally massively bedded, minor biotite, very silty looking Average Modes: Chlorite 20-30% Quartz 40-50% Biotite 3-5% Feldspar 5-10% Pyrite trace - 140.0; 73° to core axis	9965	tr	134.6	139.6	5			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-20A SHEET NO. 3 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
157.1	197.6	Ultramafic Schist - typical - dark green chloritic and very talcose, mottled with white talc alteration and ubiquitous 1/8 to 1/2" talc-carbonate bands and augen parallel to foliation Average Modes: Talc 10-15% Carbonate 10-15% Chlorite 50-60% Biotite 3-5% Quartz 3-5% Sulphides trace - traces of fine-grained pyrite, pyrrhotite and chalcopyrite throughout - 170.0; 65° to core axis - 179.0 to 179.5; 50% pyrite in cherty iron formation with 0.2 ft. quartz vein	9966	tr	157.1	162.1	5			Tr		
			9967	2	177.0	182.0	5			Tr		
			9968	2	182.0	187.0	5			Tr		
			9969	2	192.6	197.6	5			Tr		
197.6	214.2	Banded Iron Formation - typical - minor folding and cross-fracturing, .5% disseminated chalcopyrite mainly at top of interval, minor ultramafic schist infolded, 69° to core axis - 198.7; 1/8" massive chalcopyrite stringer - 202.1 to 203.5; quartz vein or chert bed, .5% pyrite	9970	tr-.5	197.6	202.1	4.5			Tr		
			9971	tr-.5	202.1	207.0	4.9			Tr		
			9972	tr-.5	207.0	210.0	3			Tr		
			9973	tr-.5	210.0	214.2	4.2			Tr		
214.2	225.0	Ultramafic Schist - typical - 217.6 to 219.2; lean silicate banded iron formation (BIF) horizon	9974	.5-1	214.2	219.2	5.0			Tr		
			9975	1-2	219.2	225.0	5.8			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-20A SHEET NO. 4 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/TON	ASSAYS Check oz/TON	
225.0	229.6	Banded Iron Formation - typical - trace chalcopyrite, .5 to 1% pyrrhotite, 72° to core axis	9976	1	225.0	229.6	4.6			Tr		
229.6	597.1	Ultramafic Schist - typical	9977	tr	229.6	234.6	5.0			Tr		
			9978	.5-1	245.4	250.4	5.0			Tr		
		229.6 to 386.0 - weakly to strongly magnetic, rare dark green beds of amphibolitic iron formation	9979	.5	260.7	265.8	5.1			Tr		
			9980	tr-.5	277.0	282.0	5.0			Tr		
		- 250.0; 53° to core axis	9981	tr	286.3	291.3	5.0			Tr		
		- 290.0; 54° to core axis	9982	tr	309.5	314.5	5.0			Tr		
		- 330.0; 59° to core axis	9983	tr	332.9	337.9	5.0			Tr		
		- 348.6 to 350.2; banded iron formation (BIF) bed, 2% disseminated pyrite and pyrrhotite	9984	1-2	345.9	350.9	5.0			Tr		
			9985	tr-.5	374.3	378.9	4.6			Tr		
		- 360.0; 56° to core axis										
		386.0 to 545.1 - core becomes massive fine to medium grained, equigranular dark green to black and is highly magnetic due to 5 to 7% magnetite. This appears to be a pyroxenite body, which is crosscut by 3 to 5% fibrous talc-serpentine stringers	9986	nil	388.3	393.2	4.9			Tr		
			9987	nil	407.0	412.0	5.0			Tr		
			9988	nil	427.0	432.0	5.0			Tr		
			9989	nil	442.0	447.0	5.0			Tr		
			9990	nil	457.0	462.0	5.0			Tr		
			9991	nil	474.9	479.9	5.0			Tr		
			9992	nil	503.5	508.3	4.8			Tr		
			9993	nil	517.0	522.0	5.0			Tr		
			9994	nil	540.1	545.1	5.0			Tr		
		545.1 to 597.1 - dark green, banded typical ultramafic schist	9995	.5	561.0	566.0	5.0			Tr		
		- 550.0; 65° to core axis	9996	tr-.5	584.7	589.7	5.0			Tr		
		- 580.0; 61° to core axis										
597.1	616.0	Gabbro - typical	9997	.5	597.0	602.0	5.0			.002		
		- granular, fine to medium grained, massive, dark green, crosscut by a few small quartz-carbonate stringers	9998	.5-1	606.0	611.0	5.0			Tr		
			9999	.5-1	611.0	616.0	5.0			.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-20A SHEET NO: 5 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS .	ASSAYS ,	ASSAYS oz/ton Au	ASSAYS Check	ASSAYS
		Average Modes: Plagioclase 20% Amphibole + Pyroxene 60-70% Biotite 3-5% Opaques 3-5% Carbonate 1% Sulphides trace to .5% - this rock is crosscut by a few talc stringers which increase towards the end of the interval as the unit becomes highly sheared and grades into the underlying ultramafic schist										
616.0	635.1	Ultramafic Schist- typical - 620.0; 56° to core axis	10000 8901	tr-.5 1-2	625.1 630.1	630.1 635.1	5.0 5.0			Tr Tr		
635.1	677.1	Silicified Shear Zone - muddy brown, fine grained, micaceous and silty looking, possibly an altered sediment but the protolith is unclear due to pervasive carbonate-quartz alteration Average Modes: Quartz 40-50% Sericite 20-30% Chlorite 5-10% Carbonate 5-10% Pyrrhotite 1-2% Chalcopyrite .5-1% Pyrite trace to .5% - pyrrhotite and chalcopyrite occur throughout the unit on fine stringers and disseminated grains										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-20A SHEET NO. 6 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ TON	Check OZ TON	
		635.1 to 659.5 - 1 to 3% pyrrhotite intergrained with .5 to 1% chalcopyrite and trace to .5% pyrite, very highly carbonatized	8902	3	635.1	639.0	3.9			.002		
			8903	3	639.0	643.0	4.0			.002		
			8904	3	643.0	647.0	4.0			.002		
			8905	3	647.0	651.0	4.0			Tr		
		659.5 to 677.1 - muddy brown to green, possibly altered basalt, 1 to 2% pyrrhotite, .5% chalcopyrite, trace to .5% pyrite, 56° to core axis	8906	3	651.0	655.5	4.5			Tr		
			8907	3	655.5	659.5	4.0			Tr		
			8908	1-2	659.5	664.9	5.4			Tr		
			8909	1-2	664.9	669.9	5.0			Tr		
			8910	1-2	669.9	673.3	3.4			Tr		
			8911	1-2	673.3	677.1	3.8			Tr		
677.1	724.8	Ultramafic Schist - typical	8912	.5	677.1	682.0	4.9			Tr		
		- 721.5 to 724.8 - massive talc, .5% pyrite	8913	tr	719.8	724.8	5.0			Tr		
724.8	797.0	Quartz-Eye Rhyolite - typical	8914	tr-.5	734.6	739.6	5.0			Tr		
		- buff to white porphyroblastic quartz-sericite schist with distinctive 1/16 to 1/4" disseminated quartz eyes in a buff to yellow-green sericite groundmass. Minor talc on cleavage planes, may contain biotite and tourmaline stringers where highly sheared	8915	tr-.5	750.4	755.4	5.0			Tr		
		Average Modes Sericite 60-70% Quartz 15-20% Chlorite 0-5% Biotite 3-5% Carbonate .5-1% Tourmaline trace Sulphides trace to .5%										
		- 768.0 to 797.0; porphyry becomes very highly sheared, and altered to chlorite and biotite with 2 to 3% quartz-carbonate veinlets	8916	.5-1	768.0	773.0	5.0			Tr		
			8917	.5-1	773.0	778.0	5.0			Tr		
797.0		End of Hole										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-21 LENGTH 772'
LOCATION L20+00W, 10+00N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -46°
STARTED 1988-02-08 FINISHED 1988-02-15

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°		770	-25°	
200	-37°				
400	-31°				
600	-28°				

HOLE NO. RL-88-21 SHEET NO. 1 of 1
REMARKS Pa 720005

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
0	37.7	Casing										
37.7	47.0	Green Siltstone										
47.0	86.5	Dark Green Gabbro										
86.5	107.0	Green Siltstone										
107.0	123.0	Chlorite - Talc - Carbonate Schist										
123.0	157.0	Quartz-eye Rhyolite										
157.0	170.2	Chlorite - Talc - Carbonate Schist										
170.2	190.2	Mafic Tuff										
190.2	252.2	Quartz-eye Rhyolite										
252.2	262.8	Grey-black Cherty Argillite										
262.8	528.2	Quartz-eye Rhyolite										
528.2	654.7	Fault Zone										
654.7	772.0	Mafic Volcanic										
772.0		End of Hole										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-21 LENGTH 772'
LOCATION L20+00W, 10+00N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 332° DIP -46°
STARTED 1988-02-08 FINISHED 1988-02-15

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°		770	-25°	
200	-37°				
400	-31°				
600	-28°				

HOLE NO. RL-88-21 SHEET NO. 1 of 8
REMARKS Pa 720005

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	37.7	Casing									
37.7	47.0	Green Silstone - typical - dirty green, fine-grained, foliated, brecciated. The rock is marbled with pyrite-pyrrhotite fracture fillings around breccia fragments. Quartz-carbonate augen and discontinuous veinlets also fill fragment interstices. Primary bedding is observed as rare fine laminations in silty and chloritic layers. 1/4" to 1/2" pyrite blebs occur as disseminations Average Modes: Quartz 40-50% Chlorite 10-20% Biotite 3-5% Feldspar 5-10% Carbonate 2-3% Sericite 5-10% Pyrite 2-3% Pyrrhotite 2-3% Chalcopyrite trace to .5%	9589 9590	5 5	37.7 42.8	42.8 47.0	5.1 4.2			Tr Tr	
47.0	86.5	Dark Green Gabbro - typical - dark green, fine to medium grained, granular, with 5 to 10% phyric amphibole. Pyrite occurs as 1/32" to 1/16" amorphous disseminated blebs. The rock is frequently altered to talc-chlorite-carbonate schist by shearing.									

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-21 SHEET NO. 2 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		Average Modes: Chloritized Amphibole 30-40% Plagioclase 20-30% Biotite 3-5% Pyroxene (?) 10-15% Quartz 5-10% Pyrite .5 to 1% Chalcopyrite trace Carbonate 1-2%										
		47 to 48.7 - highly sheared, talcose, 10-20% carbonate	9591	1	47.0	48.7	1.7			.002		
		48.7 to 58.7 - lost core, too talcose to recover	9592	.5-1	58.7	63.2	4.5			Tr		
		58.7 to 80.0 - massive gabbro	9593	.5-1	63.2	68.2	5.0			Tr		
		- 79.4 to 80.0; silicified, 5% pyrite stringers	9594	.5-1	68.2	73.2	5.0			Tr		
			9595	.5-1	73.2	78.2	5.0			Tr		
		80.0 to 86.5; talc-carbonate schist	9596	1-2	78.2	81.2	3.0			Tr		
		- 81.6 to 82.6; xenolith of sheared sediment, 1-2% pyrite	9597	tr-.5	81.2	86.5	5.3			Tr		
86.5	107.0	Green Siltstone - typical	9598	2-3	86.5	91.5	5.0			Tr		
		- contorted, silty, finely bedded, abundant coarse pyrite blebs	9599	1	91.5	96.5	5.0			.002		
			9600	.5	96.5	101.5	5.0			.002		
		- 100.0; 57° to core axis	9601	.5-1	101.5	107.0	5.5			Tr		
107.0	123.0	Chlorite-Talc-Carbonate Schist - typical	9602	tr	107.0	112.4	5.4			Tr		
		- 40-50% core lost from this soft, talc-rich rock. Possibly sheared gabbro.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-21 SHEET NO. 3 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
		Average Modes: Talc 40-50% Carbonate 30-40% Chlorite 5-10% Biotite 5-10% Sulphides trace - 112.4 to 115.2; lost core										
		- 115.2 to 117.7; biotite granite sill, highly sheared	9603	tr	115.2	117.7	2.5			Tr		
			9604	tr	117.7	123.0	5.3			Tr		
123.0	157.0	Quartz-eye Rhyolite - typical - buff-white porphyroblastic quartz-sericite schist with very distinctive 1/16 to 1/4" disseminated quartz porphyroblasts in a buff to yellow-green sericite groundmass. Minor talc on cleavage, frequent minute tourmaline stringers along cleavage planes. Average Modes: Sericite 60-70% Quartz 20-25% Chlorite 0-5% Carbonate trace Tourmaline trace to .5%										
		123 to 128.8 - intense shearing, minor silicification, 10-15% talc - 128.2 to 128.8 - xenolith of green siltstone	9605	tr	123.0	126.6	3.6			Tr		
			9606	tr	126.6	128.8	2.2			Tr		
		128.8 to 157.0 - highly sheared, homogeneous, minor talc - 142.3 to 144.0; lost core - 152.8 to 156.0; lost core	9607	tr-.5	128.8	133.8	5.0			Tr		
			9608	tr-.5	133.8	138.8	5.0			Tr		
			9609	tr-.5	138.8	142.3	3.5			Tr		
			9610	tr	144.0	149.0	5.0			Tr		
			9611	tr	149.0	157.0	8.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-21 SHEET NO. 4 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	.	Au FON	Check	
157.0	170.2	Chlorite-talc-carbonate Schist - typical - appears to be gradational from quartz-eye rhyolite, 55° to core axis	9612	tr	157.0	162.0	5.0			Tr		
			9613	tr	162.0	167.0	5.0			Tr		
			9614	tr	167.0	170.2	3.2			Tr		
170.2	190.2	Mafic Tuff - typical - dark green chloritic schist, finely laminated, with 3-5% disseminated magnetite. Contains a few concordant quartz-carbonate veinlets and stringers, 61° to core axis	9615	tr	170.2	175.2	5.0			Tr		
			9616	tr	175.2	180.2	5.0			Tr		
			9617	tr	180.2	185.2	5.0			Tr		
			9618	tr	185.2	190.2	5.0			Tr		
		Average Modes: Chlorite 60-70% Quartz 3-5% Carbonate 2-3% Sericite 10-20% Magnetite 3-5%										
190.2	252.2	Quartz-eye Rhyolite - typical										
		190.2 to 201.0 - typical, moderate shearing, highly sheared at end of interval, 60° to core axis	9619	tr	190.2	195.2	5.0			Tr		
			9620	tr-.5	195.2	197.2	2.0			Tr		
			9621	.5	197.2	201.0	3.8			Tr		
		201.0 to 221.0 - highly silicified, 30-50% vein quartz, 3-5% ankerite, minor tourmaline in quartz stringers - 205 to 208.6; quartz vein, roughly conformable, 0.5% pyrite - 211.2 to 212.2; 5-7% pyrite stringers in quartz vein - 217.6 to 218.4; quartz vein, 1% pyrite	9622	.5	201.0	205.0	4.0			Tr		
			9623	.5-1	205.0	208.6	3.6			Tr		
			9624	1-2	208.6	212.2	3.6			Tr		
			9625	tr-.5	212.2	216.6	4.4			Tr		
			9626	1	216.6	221.0	4.4			Tr		
		221.0 to 252.2 - moderate to strong shearing, weakly silicified, 66° to core axis - 246.0 to 252.2; trace arsenopyrite	9627	tr	221.0	226.0	5.0			Tr		
			9628	tr	226.0	231.0	5.0			Tr		
			9629	tr	231.0	236.0	5.0			Tr		
			9630	tr	236.0	241.0	5.0			Tr		
			9631	tr	241.0	246.0	5.0			Tr		
			9632	tr	246.0	252.2	6.2			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-21 SHEET NO. 5 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON
252.2	262.8	Grey-black Cherty Argillite - typical - interbedded silty grey-black argillite (60%) and chert (40%). The sediments are pyritic (1-2%) and contain 1% arsenopyrite overall. The interval contains 20% quartz-eye rhyolite sills.	9633	2	252.2	257.2	5.0			Tr	
			9634	2	257.2	260.3	3.1			Tr	
			9635	1	260.3	262.8	2.5			Tr	
262.8	528.2	Quartz-eye Rhyolite - typical - sheared but not highly silicified, .5% arsenopyrite as regularly distributed but widely spaced 1/8 to 1/4" massive stringers, trace to .5% pyrite, .5 to 1% concordant to discordant tourmaline stringers	9636	tr-.5	262.8	267.8	5.0			Tr	
			9637	tr-.5	277.0	282.0	5.0			Tr	
			9684	tr-.5	296.1	302.0	5.9			Tr	
			9685	tr-.5	302.0	307.0	5.0			.002	
			9686	tr-.5	314.0	319.0	5.0			Tr	
			9687	tr-.5	319.0	324.0	5.0			Tr	
			9688	tr-.5	332.8	337.8	5.0			Tr	
			9689	tr-.5	337.8	342.8	5.0			Tr	
		- 270.0; 73° to core axis	9690	tr-.5	342.8	347.8	5.0			Tr	
		- 320.0; 66° to core axis	9691	tr-.5	352.4	357.4	5.0			Tr	
		- 360.0; 69° to core axis	9692	tr-.5	357.4	362.4	5.0			Tr	
		- 410.0; 73° to core axis	9693	tr-.5	362.4	366.9	4.5			Tr	
		- 430.0; 69° to core axis	9694	tr-.5	377.0	382.0	5.0			Tr	
		- 450.0; 76° to core axis	9695	tr-.5	382.0	387.0	5.0			Tr	
			9696	tr-.5	412.5	417.5	5.0			Tr	
			9697	tr-.5	426.5	431.5	5.0			Tr	
			9698	tr-.5	431.5	436.5	5.0			Tr	
			9699	tr-.5	441.5	446.5	5.0			Tr	
			9700	tr-.5	451.2	456.2	5.0			Tr	
			9701	tr-.5	456.2	461.2	5.0			Tr	
			9702	tr-.5	465.7	470.7	5.0			Tr	
			9703	tr-.5	470.7	475.7	5.0			Tr	
			9704	tr-.5	475.7	480.7	5.0			Tr	
		- 510.0; 81° to core axis	9757	tr-.5	480.7	485.7	5.0			Tr	
			9758	tr-.5	492.0	497.0	5.0			Tr	
			9759	tr-.5	499.8	504.8	5.0			Tr	
			9760	tr-.5	504.8	509.8	5.0			Tr	
			9761	tr-.5	509.8	514.8	5.0			Tr	
			9762	tr-.5	518.9	523.7	4.8			Tr	
			9763	tr-.5	523.7	528.2	4.5			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-21 SHEET NO. 6 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
528.2	654.7	Fault Zone: Protolith Unrecognizable - this rock is fine-grained, schistose to massive, dark grey to buff, and banded with the 1/4 to 1/2" carbonate-quartz shear bands which may be highly contorted. The rock is composed of sericite, carbonate and quartz in varying quantities with minor amounts of chlorite and fuchsite throughout. No primary textures were observed. The schistose fabric is often deformed into tight to open crenulations and tight isoclinal folds with truncated limbs. Sulphide mineralization occurs throughout the rock as minor disseminated fine-grained arsenopyrite and pyrite. Average Modes: Sericite 40-50% Carbonate 15-25% Quartz 10-20% Chlorite 7-10% Fuchsite 1-2% Pyrite trace to .5% Arsenopyrite trace to .5%										
		528.2 to 536.7 - dark grey-green, 15-20% ankerite, 40-50% secondary quartz, 1% arsenopyrite, 1% pyrite, trace pyrrhotite, 57° to core axis - 528.8 to 533.1; quartz vein smokey; 2% disseminated arsenopyrite, .5 to 1% pyrite	9764 9765	3 1	528.2 533.1	533.1 536.7	4.9 3.6			Tr Tr		
		536.7 to 549.7 - banded grey to sericite green, 30-40% ankerite, trace tourmaline in small quartz veinlets, 64° to core axis	9766 9767 9768	tr tr tr	536.7 541.7 546.7	541.7 546.7 549.7	5.0 5.0 3.0			Tr Tr Tr		
		549.7 to 561.2 - 60-80% massive ankerite with 10-20% wispy sericite-fuchsite schist, .5% pyrite, trace arsenopyrite	9769 9770 9771	.5 .5 .5	549.7 553.9 557.6	553.9 557.6 561.2	4.2 3.7 3.6			Tr Tr Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-21 SHEET NO. 7 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
		561.2 to 588.8 - dark grey to muddy green, banded, 10-15% ankerite, 50-55% sericite, 10-20% quartz, 10% chlorite, 2-3% fuchsite - 580.0; 60° to core axis	9772	tr-.5	561.2	566.2	5.0			Tr		
			9773	tr-.5	566.2	571.2	5.0			Tr		
			9774	tr-.5	571.2	576.2	5.0			Tr		
			9775	tr-.5	576.2	581.2	5.0			Tr		
			9776	tr-.5	581.2	586.2	5.0			Tr		
			9777	tr-.5	586.2	588.8	2.6			Tr		
		588.8 to 654.7 - 20-30% white carbonate bands throughout, dark grey-green to buff sericitic schist - 595.8 to 600.9; core is bright chromium green with 20-30% fuchsite, 20-30% sericite, 30-40% quartz, 2% pyrite, 69° to core axis - 620.0; 66° to core axis	9778	tr-.5	588.8	592.0	3.2			Tr		
			9779	tr-.5	592.0	595.8	3.8			Tr		
			9780	2	595.8	600.9	5.1			Tr		
			9781	tr-.5	600.9	605.9	5.0			Tr		
			9782	tr-.5	605.9	610.9	5.0			Tr		
			9783	tr-.5	610.9	615.9	5.0			Tr		
			9784	tr-.5	615.9	620.9	5.0			Tr		
			9785	tr-.5	620.9	625.9	5.0			Tr		
			9786	tr-.5	625.9	630.9	5.0			Tr		
			9787	tr-.5	630.9	635.9	5.0			Tr		
			9788	tr-.5	635.9	640.9	5.0			Tr		
			9789	tr-.5	640.9	645.9	5.0			Tr		
			9790	tr-.5	645.9	650.9	5.0			Tr		
			9791	tr-.5	650.9	654.7	3.8			.002		
654.7	772.0	Mafic Volcanic - typical - foliated dark green, chloritized, highly sheared and fractured, may be sericitized giving a banded appearance. Quartz occurs as anneboid patches interstitial to breccia fragments. This unit is gradational from the fault zone. Average Modes: Chlorite 50-60%; Biotite 3-5%; Plagioclase 10-15%; Quartz 7-10%; Carbonate 2-3%; Sericite 5-7%; Pyrite trace to .5%	9792	tr-.5	654.7	659.7	5.0			Tr		
			9793	tr-.5	659.7	664.7	5.0			Tr		
			9794	tr-.5	664.7	669.7	5.0			Tr		
			9795	tr-.5	669.7	674.5	4.8			Tr		
			9796	tr-.5	674.5	679.5	5.0			Tr		
			9797	tr-.5	692.7	697.2	5.0			Tr		
			9798	tr-.5	704.7	709.7	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-21 SHEET NO. 8 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	%	oz/T Au	Check
		654.7 to 712.0 - as per above description, abundant elongate sericite porphyroblasts and massive quartz-sericite alteration									
		712.0 to 737.7 - core is grey-green and sheared, with abundant elongate 1/16" sericite porphyroblasts, and quartz-ankerite filled fractures - 720.0; 64° to core axis - 724.6 to 727.0; lost core - 727.4 to 728.3; shear zone, sericite-fuchsite-quartz schist, 1-2% pyrite	9799	tr-.5	709.7	714.7	5.0				Tr
			9800	tr-.5	714.7	719.7	5.0				Tr
			9801	tr-.5	719.7	724.6	4.9				Tr
			9802	tr-.5	727.0	732.0	5.0				Tr
			9803	tr-.5	732.0	737.0	5.0				Tr
		737.7 to 772 - dark green to grey, highly fractured, 5-10% wispy quartz stringers with trace tourmaline	9804	tr-.5	737.0	742.0	5.0				Tr
			9805	tr-.5	742.0	747.0	5.0				Tr
			9806	tr-.5	747.0	752.0	5.0				Tr
			9807	tr-.5	752.0	757.0	5.0				Tr
			9808	tr-.5	767.0	772.0	5.0				Tr
772.0		END OF HOLE									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO. RL-88-23 LENGTH 608 ft.
LOCATION L48+00W, 5+56N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 337° DIP -45°
STARTED 1988-02-10 FINISHED 1988-02-13

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-40°				
400	-38°				
600	-31°				

HOLE NO. RL-88-23 SHEET NO. 1 of 1
REMARKS Pa 720010

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG
0	18.4	Casing
18.4	137.8	Mafic Volcanic
137.8	152.4	Ultramafic Schist
152.4	161.3	Iron Formation
161.3	177.1	Ultramafic Schist
177.1	182.2	Mafic Volcanic
182.2	208.0	Sheared Siltstone
208.0	214.6	Ultramafic Schist
214.6	222.0	Iron Formation
222.0	237.1	Ultramafic Schist
237.1	238.8	Iron Formation
238.8	308.5	Ultramafic Schist
308.5	321.0	Silcified Greywacke
321.0	343.1	Mafic Volcanic
343.1	532.0	Silicified Greywacke
532.0	564.1	Sheared Siltstone
564.1	608.0	Greywacke
608.0		End of Hole

SAMPLE NO.	SULPHIDES %	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake
HOLE NO. RL-88-23 LENGTH 608 ft.
LOCATION L48+00W, 5+56N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH _____ DIP -45°
STARTED 1988-02-10 FINISHED 1988-02-13

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°				
200	-40°				
400	-38°				
600	-31°				

HOLE NO. RL-88-23 SHEET NO. 1 of 8
REMARKS Pa 720010

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	18.4	Casing									
18.4	137.8	Mafic Volcanic - typical - light to dark green, fine-grained, quartz-chlorite schist, highly foliated, texture varies from foliated chloritized volcanic to tuffaceous volcanic with minor argillaceous (biotite-rich) component Average Modes: Chlorite 60-70% Plagioclase 10-15% Quartz 5-15% Calcite 5-10% Biotite 5-15% Epidote trace to 1% Pyrite trace Magnetite trace to 1% - weak to moderate carbonatization as 1/8" stringers parallel to S_1, and irregular wispy patches and fracture fillings. Pyrite and magnetite occur as fine disseminated grains throughout									
		18.4 to 33.4 - abundant argillaceous beds, 64° to core axis	9041	tr	27.0	32.0	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-23 SHEET NO. 2 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		33.4 to 109.5 - highly foliated, chloritized - 44.0; foliation at 65° to core axis - 54.0 to 57.0; numerous irregular quartz-carbonate veinlets and pods with .5% pyrite/pyrrhotite - 67.0 to 72.0; minor patchy epidote alteration - 72.0 to 77.0; wispy 1/4" to 1" biotite bands, trace pyrite, 60° to core axis - 87.0 to 109.5; irregular quartz-carbonate veinlets and pods, highly distorted with epidote alteration of wall rock, trace to .5% pyrite	9042	tr	48.9	54.0	5.1			Tr		
			9043	.5	54.0	57.0	3.0			Tr		
			9044	tr	67.0	72.0	5.0			Tr		
			9045	tr	72.0	77.0	5.0			Tr		
			9046	tr	87.0	91.0	4.0			Tr		
			9047	.5	91.0	94.6	3.6			Tr		
			9638	tr-.5	94.6	99.6	5.0			Tr		
			9639	tr-.5	99.6	104.5	4.9			Tr		
			9640	tr-.5	104.5	109.5	5.0			Tr		
		109.5 to 137.8 - 7 to 10% quartz-carbonate stringers and networks, .5 to 1% pyrite	9641	1	109.5	114.5	5.0			Tr		
			9642	1	114.5	119.5	5.0			Tr		
			9643	1	119.5	124.5	5.0			Tr		
			9644	1	124.5	129.5	5.0			Tr		
			9645	1	129.5	134.5	5.0			.002		
137.8	152.4	Ultramafic Schist - typical - dark green to white chloritic schist with 1/16 to 1/4" talc-carbonate bands, and disseminated elongate quartz-carbonate augen. Sheared and often complexly contorted. May contain 5-10% biotite and 40-50% carbonate in some intervals Average Modes: Chlorite 50-60% Talc 10-15% Carbonate 10-15% Quartz 3-5% Biotite 3-5% Sulphides trace - 144.0 to 147.0; lost core	9646	1	134.5	137.8	3.3			Tr		
			9647	tr	137.8	144.0	6.2			Tr		
			9648	tr	147.0	152.4	5.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-23 SHEET NO: 3 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
152.4	161.3	Iron Formation - black, fine grained, massive, brecciated, with few quartz-carbonate veinlets in cross-fractures, and interbedded buff-white chert beds Average Modes: Magnetite 30-40% Chert 40-50% Chlorite 5-10% Carbonate 3-5% Sulphies trace to .5% - the rock is highly magnetic and contains a few pyritic fractures	9649	tr	152.4	157.7	5.3			Tr	
			9650	tr	157.7	161.3	3.6			Tr	
161.3	177.1	Ultramafic Schist - typical - 162.3 to 164.2; lost core	9651	tr	161.3	167.0	5.7			Tr	
			9652	tr	167.0	172.0	5.0			Tr	
			9653	tr	172.0	177.1	5.1			.002	
177.1	182.2	Mafic Volcanic - typical - highly sheared, weak to moderate silicification, 5 to 7% quartz-carbonate stringers, .5 to 1% pyrite	9654	1	177.1	182.2	5.1			Tr	
182.2	208.0	Sheared Siltstone - typical - light green with buff-yellow alteration bands, occasionally finely bedded. The rock is composed of impure chloritic, siliceous silt which has undergone intense shearing and pervasive carbonate +/- silica/ sulphide metasomatism. A few (< .5 ft.) barren talc-carbonate beds occur in this interval									

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-23 SHEET NO. 4 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		Average Modes:										
		Quartz 40-50%										
		Sericite 10-20%										
		Chlorite 10-20%										
		Carbonate 3-5%										
		Biotite 0-5%										
		Fuchsite trace to .5%										
		Sulphides .5 to 1%										
		- pyrite and pyrrhotite occur as trains of fine grains parallel to S_2, and irregular stringers										
		182.2 to 187.0 - 1 to 2% pyrrhotite, trace to .5% chalcopyrite, few disseminated grains of fuchsite, .5 to 1% pyrite - 186.5 to 187.0; 30% pyrite and pyrrhotite	9655	2	182.2	187.0	4.8			Tr		
		187.0 to 192.0 - 1% pyrrhotite and pyrite, highly sheared 192.0 to 208.0 - very massive, grey-buff coloured, and calcareous, 62° to core axis	9656	2	187.0	192.0	5.0			Tr		
			9657	tr-.5	192.0	197.0	5.0			Tr		
			9658	tr-.5	197.0	202.0	5.0			Tr		
			9659	tr	202.0	208.0	6.0			Tr		
208.0	214.6	Ultramafic Schist - typical										
214.6	222.0	Iron Formation - typical - striped black and white interbedded massive magnetite and chert. Complexly folded but not highly fractured.	9660	tr	208.0	214.6	6.6			Tr		
			9661	tr	214.6	222.0	7.4			.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-23 SHEET NO. 5 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		Average Modes: Magnetite 40-50% Chert 20-30% Grunerite 10-20% Carbonate trace Pyrite/Chalcopyrite trace										
		- 218.2 to 219.7; lost core										
222.0	237.1	Ultramafic Schist - typical - variably carbonatized and talcose	9662	tr	222.0	227.0	5.0			Tr		
			9663	tr	227.0	232.0	5.0			Tr		
			9664	tr	232.0	237.1	5.1			Tr		
237.1	238.8	Iron Formation - typical	9665	tr	237.1	238.8	1.7			Tr		
			9666	tr	238.8	243.8	5.0			Tr		
238.8	308.5	Ultramafic Schist - typical	9667	tr	243.8	248.8	5.0			Tr		
		- 245.4 to 245.9; iron formation	9668	tr	248.8	253.8	5.0			Tr		
		- 247.7 to 248.1; 5% pyrite stringers	9669	tr	258.8	263.8	5.0			Tr		
		- 250.0; 59° to core axis	9670	tr	268.8	273.8	5.0			Tr		
		- 294.6 to 298.1; quartz vein, roughly concordant, strong looking bull quartz, 3 to 5% ankerite, trace to .5% disseminated pyrite, trace galena, 20-30% carbonatized wall rock	9671	tr	278.8	283.8	5.0			Tr		
			9672	tr	283.8	288.8	5.0			Tr		
			9673	tr	288.8	292.0	3.2			Tr		
			9674	tr	292.0	294.6	2.6			Tr		
			9675	tr	294.6	298.1	3.5			Tr		
			9676	tr	298.1	301.8	3.7			Tr		
			9677	tr	301.8	306.1	4.3			Tr		
308.5	321.0	Silicified Greywacke - typical	9678	tr	306.1	308.5	2.4			Tr		
		- sericite yellow, fine-grained, foliated and flooded with secondary quartz. 10-20% conformable quartz veins throughout, 1 to 2% fine-grained disseminated pyrite, 58° to core axis	9679	1-2	308.5	312.0	3.5			Tr		
			9680	1-2	312.0	316.1	4.1			Tr		
			9681	1-2	316.1	321.0	4.9			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO: RL-88-23 SHEET NO: 6 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au OZ/TON	Check OZ/TON
		Average Modes Quartz 50-60% Sericite 30-35% Carbonate trace to .5% Pyrite 1-2% Pyrrhotite .5 to 1% Chlorite trace to 1% - 318.6 to 319.5; fine chlorite interbeds							
321.0	343.1	Mafic Volcanic - typical - silicified, bleached, few quartz stringers, tuffaceous and pyritic, 2-3% carbonate. This unit may actually be a chloritic siltstone which is gradational from the greywacke. - 340.0; 57° to core axis	9682 9683 9705 9706 9707	1-2 1-2 1-2 1-2 1-2	321.0 326.0 331.0 336.0 341.0	326.0 331.0 336.0 341.0 343.1	5.0 5.0 5.0 5.0 2.1	Tr Tr Tr Tr Tr	
343.1	532.0	Silicified Greywacke - typical 343.1 to 363.2 - as per 308.5 to 321.0 but slightly less siliceous, 1 to 3% disseminated pyrite and minor pyrrhotite 363.2 to 383.1 - moderate to strong silicification, 2% pyrite, 1 to 2% pyrrhotite as very fine stringers and disseminated grains, trace to .5% fuchsite - 373.0 to 373.6; quartz vein - 380.0; 60° to core axis	9708 9709 9710 9711 9712 9713 9714 9715	1-2 1-2 1-2 1-2 2-3 .5-1 .5-1 .5-1	343.1 348.1 353.1 358.1 363.2 368.2 372.9 377.8	348.1 353.1 358.1 363.2 368.2 372.9 377.8 383.1	5.0 5.0 5.0 5.1 5.0 4.7 4.9 5.3	Tr Tr Tr Tr Tr Tr Tr Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO RL-88-23 SHEET NO 7 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ/TON	Check OZ/TON	
		383.1 to 463.5 - very sericitic, weak to moderate silicification, 1 to 2% pyrite/pyrrhotite	9716	1-2	383.1	388.1	5.0			Tr		
		- 400.0; 61° to core axis	9717	1-2	388.1	393.1	5.0			Tr		
		- 420.0; 60° to core axis	9718	1-2	393.1	398.1	5.0			Tr		
		- 440.0; 52° to core axis	9719	1-2	398.1	403.1	5.0			Tr		
		- 452.2 to 452.4; quartz vein, 3 to 4% pyrite	9720	1-2	403.1	408.1	5.0			Tr		
			9721	1-2	408.1	413.1	5.0			Tr		
			9722	1-2	413.1	418.1	5.0			Tr		
			9723	1-2	418.1	423.1	5.0			Tr		
			9724	1-2	423.1	428.1	5.0			Tr		
			9725	1-2	428.1	433.1	5.0			Tr		
			9726	1-2	433.1	438.1	5.0			Tr		
			9727	1-2	438.1	443.1	5.0			.002		
			9728	1-2	443.1	448.1	5.0			Tr		
			9729	1-2	448.1	453.1	5.0			Tr		
			9730	1-2	453.1	458.1	5.0			Tr		
			9731	1-2	458.1	463.5	5.4			Tr		
		463.5 to 513.9 - moderate to highly silicified, 1 to 3% pyrite, trace to .5%, pyrrhotite, few concordant smokey quartz veins. Sulphides are uniformly distributed as disseminated fine grains but may occur as 1/16 to 1/8" concordant stringers	9732	1-3	463.5	468.5	5.0			Tr		
			9733	1-3	468.5	473.5	5.0			Tr		
			9734	1-3	473.5	478.5	5.0			Tr		
			9735	1-3	478.5	483.5	5.0			Tr		
			9736	1-3	483.5	486.2	2.7			Tr		
			9737	1-3	486.2	488.6	2.4			Tr		
		- 470.0; 56° to core axis	9738	1-3	488.6	493.6	5.0			Tr		
		- 486.2 to 488.6; quartz vein, 1 to 2% pyrite/ chalcopyrite, trace to .5% pyrrhotite, trace galena	9739	1-3	496.3	498.6	5.0			Tr		
		- 510.0; 68° to core axis	9740	1-3	498.6	503.6	5.0			Tr		
			9741	1-3	503.6	508.7	5.1			Tr		
			9742	1-3	508.7	513.9	5.2			Tr		
		513.9 to 532.0 - weak silicification, moderate sericitization, 1 to 2% fine-grained pyrite, trace pyrrhotite	9743	1-2	513.9	518.9	5.0			Tr		
			9744	1-2	518.9	523.3	4.4			Tr		
			9745	1-2	523.3	528.1	4.8			Tr		
			9746	1-2	528.1	532.0	3.9			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-23 SHEET NO. 8 of 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
532.0	564.1	Sheared Siltstone - typical - as per 182.2 to 208.0 - this unit is gradational from the greywacke, and is very highly altered by carbonate-silica metasomatism, 1 to 3% disseminated fine-grained pyrite grains and stringers - 540.0; 64° to core axis - 560.0; 70° to core axis	9747	tr-.5	532.0	537.0	5.0			Tr		
			9748	1-2	537.0	540.0	3.0			Tr		
			9749	2-3	540.0	545.0	5.0			Tr		
			9750	2-3	545.0	550.0	5.0			Tr		
			9751	2-3	550.0	555.0	5.0			Tr		
			9752	2-3	555.0	560.0	5.0			Tr		
			9753	.5-1	560.0	564.1	4.1			Tr		
564.1	608.0	Greywacke - typical - grey, foliated, poorly sorted sediment. Composed of subround 1/8" to 1/4" detrital quartz grains in a fine foliated matrix of sericite with minor chlorite and carbonate Average Modes: Quartz 50-60% Sericite 20-30% Chlorite 5-10% Carbonate trace to 1% Pyrite trace - 580.0; 76° to core axis	9754	.5	564.1	569.1	5.0			Tr		
			9755	.5	569.1	574.1	5.0			Tr		
			9756	tr-.5	595.6	600.2	4.6			Tr		
608.0		End of Hole										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-24 LENGTH 817 ft.

LOCATION L64+00W, 4+74N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 332° DIP -46°

STARTED 1988-02-13 FINISHED 1988-02-17

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°		800	-27°	
200	-43°				
400	-40°				
600	-33°				

HOLE NO. RL-88-24 SHEET NO. 1 of 1

REMARKS Pa 720016

LOGGED BY Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	70.2	Casing									
70.2	114.0	Mafic Volcanic 97.4 to 102.4; fine grained, trace magnetite, trace to .5% pyrite	9811	tr-.5	97.4	102.4	5.0			.030	
114.0	145.2	Casing									
145.2	219.5	Interbedded Iron Formation and Ultramafic Schist									
219.5	257.0	Grey-green siltstone									
257.0	620.8	Quartz-Sericite Schist - Silicified/Pyritic									
620.8	625.1	Quartz-Chlorite Schist									
625.1	783.5	Quartz-Sericite Schist - Silicified/Pyritic									
783.5	817.0	Silty Mafic Tuff									
817.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-24 LENGTH: 817 ft.
LOCATION: 164+00W, 4+74N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -46°
STARTED: 1988-02-13 FINISHED: 1988-02-17

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-46°		800	-27°	
200	-43°				
400	-40°				
600	-33°				

HOLE NO. RL-88-24 SHEET NO. 1 of 9
REMARKS: Pa 720016

LOGGED BY: Jon North

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	70.2	Casing
70.2	114.0	Mafic Volcanic - typical - dark green, fine-grained, foliated, and often banded and tuffaceous Average Modes: Chlorite 60-70% Plagioclase 10-15% Quartz 5-10% Calcite 1-2% Biotite 3-5% Magnetite trace to 1% Sulphides trace to .5% - 75.0; 73° to core axis - 102.4 to 107.4; granular fine-grained gabbro sill
114.0	145.2	Casing - through granite and mafic volcanic boulders. Ran out of bedrock, or hit a large fracture in the bedrock at 114.0 feet. Pulled rods and drilled tri-cone to 145.2 and put BQ casing in.
145.2	219.5	Interbedded Iron Formation and Ultramafic Schist - narrow magnetite-rich iron formation beds occur interspersed throughout talc-carbonate rich ultramafic rock. Both lithologies are moderately to highly contorted and frequently run parallel to core axis

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON
9809	tr-.5	77.0	82.0	5.0			.002	
9810	tr-.5	87.0	92.0	5.0			Tr	
9811	tr-.5	97.4	102.4	5.0			.030	
9812	tr-.5	107.4	112.4	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-24 SHEET NO. 2 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		Average Modes:									
		Iron Formation: Magnetite 20-30%, Hematite 5-10%, Chert 30-40%, Chlorite 5-10%, Amphibole 3-5%, Carbonate 3-5%, Sulphides trace to .5%									
		Ultramafic Schist: Talc 10-15%, Carbonate 10-15%, Biotite 3-5%, Quartz 3-5%, Chlorite 50-60%, Sulphides trace									
		- the iron formations are dark grey to blood red, well bedded, and highly magnetic. The ultramafic rock is dark green with abundant white talc-carbonate alteration laminae.									
145.2	147.4	145.2 to 147.4 - cherty iron formation, brecciated, 20% quartz-carbonate veins, 3% pyrite in fractures	9813	3	145.2	147.4	2.2			Tr	
147.4	160.5	147.4 to 160.5 - ultramafic schist, contorted, variably carbonatized, four small quartz-carbonate veins	9814	tr	147.4	152.4	5.0			Tr	
			9815	tr	152.4	157.4	5.0			Tr	
			9816	tr	157.4	160.5	3.1			Tr	
160.5	163.4	160.5 to 163.4 - iron formation, hematite-rich, 1% pyrite	9817	1	160.5	163.4	2.9			Tr	
163.4	186.5	163.4 to 186.5 - ultramafic schist - 175.8 to 177.0 - lost core	9818	tr-.5	163.4	168.4	4.0			Tr	
			9819	tr-.5	168.4	172.7	4.3			Tr	
			9820	tr-.5	172.7	175.8	3.1			Tr	
186.5	187.7	186.5 to 187.7 - iron formation	9821	tr-.5	177.0	182.0	5.0			Tr	
			9822	tr-.5	182.0	186.5	4.5			Tr	
187.7	189.7	187.7 to 189.7 - ultramafic schist	9823	tr-.5	186.5	189.7	3.2			Tr	
			9824	tr-.5	189.7	192.6	2.9			Tr	
189.7	192.6	189.7 to 192.6 - iron formation, 1-2% pyrite, hematitic, few quartz-carbonate filled fractures									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-24 SHEET NO.: 3 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		192.6 to 219.5 - Ultramafic Schist										
		- 193.0 to 194.8; 50% carbonate-quartz veins in cross-fractures	9825	.5	192.6	197.5	5.0			Tr		
			9826	tr	197.5	202.5	5.0			Tr		
		- 194.8 to 195.2; iron formation bed at 68° to core axis, 1% pyrite	9827	tr-.5	202.5	207.5	5.0			Tr		
			9828	.5-1	207.5	212.5	5.0			Tr		
		- 198.1 to 198.5; iron formation, 2% pyrite	9829	.5	212.5	217.5	5.0			Tr		
		- 213.5 to 215.0; 50% quartz-carbonate veining	9830	.5	217.5	219.5	2.0			Tr		
219.5	257.0	Grey-green siltstone - typical										
		- highly sheared and chloritized/sericitized with prominent banding developed between buff sericitic and green-grey silty chloritic laminae. Talc-carbonate beds scattered throughout, few quartz-carbonate veins, 1-2% fine grained disseminated pyrite throughout										
		Average Modes:	9831	1-2	219.5	224.5	5.0			Tr		
		Quartz 40-50%										
		Sericite 10-20%										
		Chlorite 20-30%										
		Carbonate 1-2%										
		Pyrite 1-2%										
		- 225.2 to 225.4; talc-carbonate-chlorite schist	9832	.5-1	224.5	229.4	5.0			Tr		
		- 225.4 to 226.3; concordant quartz vein, trace pyrite	9833	.5-1	229.4	234.4	5.0			Tr		
		- 229.4 to 230.2; as per 225.2 to 225.4										
		- 234.4 to 235.2; as per 225.2 to 225.4	9834	.5-1	234.4	239.4	5.0			Tr		
		- 242.8 to 244.1; as per 225.2 to 225.4	9835	1-2	239.4	244.4	5.0			Tr		
		- 254.9 to 256.0; 2 to 3% fuchsite alteration, very sericitic	9836	.5	244.4	249.4	5.0			Tr		
			9837	.5	249.4	254.4	5.0			Tr		
		- 256.0 to 256.5; as per 225.2 to 225.4	9838	.5	254.4	257.0	2.6			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-24 SHEET NO. 4 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
257.0	620.8	Quartz-Sericite Schist - typical - sericite yellow, fine grained, foliated, and flooded with secondary quartz. 10-20% conformable quartz veins throughout, 1-4% fine grained disseminated pyrite in sericite bands and secondary quartz bands Average Modes: Quartz 50-60% Sericite 30-35% Chlorite trace to 1% Carbonate trace to .5% Pyrite 1-4% Pyrrhotite trace to .5% - this unit is gradational from previous interval	9839	1-2	257.0	262.0	5.0			Tr		
			9840	1-2	262.0	267.0	5.0			Tr		
			9841	1-2	267.0	272.0	5.0			Tr		
			9842	1-2	272.0	275.8	3.8			Tr		
			9843	1-2	275.8	278.6	2.8			Tr		
		257.0 to 278.6 - moderate to weak silicification, 1-2% pyrite, very fissile and sericitic, 62° to core axis										
		278.6 to 306.8 - moderately to highly silicified, 2-5% disseminated fine-grained pyrite, core is sericite yellow to silica grey and intensely altered with 70-80% quartz - 300.0; 56° to core axis	9844	2-3	278.6	282.0	3.4			Tr		
			9845	2-3	282.0	285.2	3.2			Tr		
			9846	2-3	285.2	288.0	2.8			Tr		
			9847	2-3	288.0	292.0	4.0			Tr		
			9848	2-3	292.0	296.0	4.0			Tr		
			9849	2-3	296.0	300.0	4.0			Tr		
		306.8 to 338.4 - moderate silicification, 1 to 3% pyrite, occasional 1/8" to 1/4" massive pyrite stringer, 3 to 4% pyrite overall - 320.0; 59° to core axis	9850	2-3	300.0	304.0	4.0			Tr		
			9851	2-3	304.0	306.8	2.8			Tr		
			9852	3-4	306.8	311.8	5.0			Tr		
			9853	3-4	311.8	316.8	5.0			Tr		
			9854	3-4	316.8	321.8	5.0			Tr		
			9855	3-4	321.8	326.8	5.0			Tr		
			9856	3-4	326.8	331.8	5.0			Tr		
			9857	3-4	331.8	336.0	4.2			Tr		
			9858	3-4	336.0	338.4	2.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-24 SHEET NO. 5 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE * SULPH	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		338.4 to 346.4 - highly silicified, 3 to 5% pyrite, 60° to core axis	9859	3-5	338.4	342.4	4.0			Tr		
			9860	3-5	342.4	346.4	4.0			Tr		
		346.4 to 357.0 - moderate silicification, 3 to 5% pyrite, 56° to core axis	9861	3-5	346.4	350.0	3.6			Tr		
			9862	3-5	350.0	353.9	3.9			Tr		
			9863	3-5	353.9	357.0	3.1			Tr		
		357.0 to 362.2 - highly silicified, 70 to 80% quartz, 3 to 5% pyrite	9864	3-5	357.0	362.2	5.2			Tr		
		362.2 to 372.0 - highly silicified, .5 to 1% tourmaline stringers, 3 to 4% pyrite, 60° to core axis, few carbonate bands and 1 to 2% chlorite	9865	3-4	362.2	367.0	4.8			Tr		
			9866	3-4	367.0	372.0	5.0			Tr		
		372.0 to 430.4 - moderate silicification, very pyritic, 3 to 5% pyrite overall - 391.4 to 391.7; 60% pyrite - 410.0; 56° to core axis	9867	3-5	372.0	377.0	5.0			Tr		
			9868	3-5	377.0	382.0	5.0			Tr		
			9869	3-5	382.0	387.0	5.0			Tr		
			9870	3-5	387.0	390.1	3.1			Tr		
			9871	7-9	390.1	395.5	5.4			Tr		
			9872	7-9	395.5	400.5	5.0			Tr		
			9873	7-9	400.5	405.5	5.0			Tr		
			9874	7-9	405.5	410.5	5.0			Tr		
			9875	7-9	410.5	415.5	5.0			Tr		
			9876	7-9	415.5	420.5	5.0			Tr		
			9877	7-9	420.5	425.5	5.0			Tr		
			9878	7-9	425.5	430.4	4.9			Tr		
		430.4 to 453.3 - highly silicified, 5-7% pyrite, few 1/2" to 2" massive pyrite bands - 431.6 to 433.2; quartz vein - 444.7 to 445.0; 50% pyrite	9879	5-7	430.4	433.2	2.8			Tr		
			9880	5-7	433.2	438.2	5.0			Tr		
			9881	5-7	438.2	443.2	5.0			Tr		
			9882	5-7	443.2	448.2	5.0			Tr		
			9883	5-7	448.2	453.3	5.1			Tr		
		453.3 to 456.4 - mafic volcanic, 67° to core axis, fractured, 5 to 10% quartz-carbonate stringers, trace to .5% pyrite	9884	tr	453.3	456.4	3.1			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-24 SHEET NO. 6 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS .	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
		456.4 to 482.7 - moderate silicification, 3 to 4% pyrite, few 1/4" to 1" bands of massive pyrite	9885	3-4	456.4	461.4	5.0			Tr	
			9886	3-4	461.4	466.4	5.0			Tr	
			9887	3-4	466.4	471.4	5.0			Tr	
			9888	3-4	471.4	476.4	5.0			Tr	
			9889	3-4	476.4	479.9	3.5			Tr	
			9890	3-4	479.9	482.7	2.8			Tr	
		482.7 to 490.4 - yellow sericite schist, 20% quartz, minor disseminated chlorite, trace tourmaline	9891	tr-.5	482.7	487.0	4.3			Tr	
		- 489.3 to 489.4; quartz vein, 1% tourmaline, 2% carbonate, trace to .5% pyrite	9892	tr-.5	487.0	490.4	3.4			Tr	
		490.4 to 548.4 - 1-2% pyrite in moderate to weakly silicified quartz-sericite schist, few massive pyrite bands, granular	9893	2-3	490.4	495.4	5.0			Tr	
		- 510.0; 59° to core axis	9894	1-2	495.4	500.4	5.0			Tr	
		- 539.5 to 540.4; chlorite-quartz schist, 61° to core axis, with 1/16" fuchsite stringer and 1/4" massive pyrite	9895	1-2	500.4	505.4	5.0			Tr	
			9896	1-2	505.4	510.4	5.0			Tr	
			9897	1-2	510.4	515.4	5.0			Tr	
			9898	1-2	515.4	520.4	5.0			Tr	
			9899	1-2	520.4	525.4	5.0			Tr	
			9900	1-2	525.4	530.4	5.0			Tr	
			9901	1-2	530.4	535.4	5.0			Tr	
			9902	1-2	535.4	540.4	5.0			Tr	
			9903	1-2	540.4	545.4	5.0			Tr	
			9904	1-2	545.4	550.4	5.0			Tr	
		548.4 to 609.5 - granular, white, 40-50% quartz phenocrysts/ grains/porphyroblasts (1/32" to 1/8") in white sericitic groundmass, trace to 1% pyrite	9905	1	550.4	555.4	5.0			Tr.	
		- 560.0; 69° to core axis	9906	1	555.4	560.4	5.0			Tr	
		- 600.0; 71° to core axis	9907	1	560.4	565.4	5.0			Tr	
			9908	1	565.4	570.4	5.0			Tr	
			9909	1	570.4	575.4	5.0			Tr	
			9910	1	575.4	580.4	5.0			Tr	
			9911	1	580.4	585.4	5.0			Tr	
			9912	1	585.4	590.4	5.0			Tr	
			9913	1	590.4	595.4	5.0			Tr	
			9914	1-2	595.4	600.4	5.0			Tr	
			9915	1-2	600.4	605.4	5.0			Tr	
			9916	1-2	605.4	609.5	4.1			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-24 SHEET NO. 7 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton
		609.5 to 620.8 - highly silicified, trace tourmaline, 1 to 2% pyrite, 1 to 2% carbonate, trace to .5% chlorite	9917	1-2	609.5	613.0	3.5			Tr	
			9918	1-2	613.0	617.0	4.0			Tr	
			9919	1-2	617.0	620.8	3.8			Tr	
620.8	625.1	Quartz-Chlorite Schist - typical - foliated with 40% 1/32" to 1/16" white porphyroblasts of quartz and plagioclase. Dark green, possibly sheared mafic volcanic, gradational contacts with host rock, 59° to core axis Average Modes: Chlorite 50-60% Plagioclase 20-30% Quartz 5-10% Carbonate trace to .5% Sulphides trace									
625.1	783.5	Quartz-Sericite Schist - typical	9921	.5-1	625.1	630.0	4.9			Tr	
		625.1 to 630.0 - typical schist, 70-80% sericite at end of interval, very fine grained, .5% tourmaline, .5 to 1% pyrite									
		630.0 to 637.8 - quartz-chlorite schist, typical, very gritty, trace pyrite, 63° to core axis	9922	tr	630.0	635.0	5.0			Tr	
			9923	tr	635.0	637.8	2.8			Tr	
		637.8 to 661.4 - moderate silicification, 0.5% pyrite	9924	.5	637.8	642.7	4.9			Tr	
		- 647.4; 1/4" massive pyrite stringer	9925	.5	642.7	647.0	4.3			Tr	
		- 648.6; 1/4" to 1/2" massive galena stringer with 1% intergrown pyrite	9926	2	647.0	649.8	2.8			Tr	
			9927	1-2	649.8	654.8	5.0			Tr	
			9928	1-2	654.8	659.0	4.2			Tr	
			9929	1-2	659.0	661.4	2.4			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-24 SHEET NO. 8 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton
		661.4 to 679.5 - highly silicified, 1 to 3% pyrite, 63° to the core axis	9930	1-3	661.4	666.4	5.0			Tr	
			9931	1-3	666.4	671.4	5.0			Tr	
			9932	1-3	671.4	675.6	4.2			Tr	
			9933	1-3	675.6	679.5	3.9			Tr	
		679.5 to 707.8 - moderately silicified, .5 to 1% pyrite, 1 to 2% chlorite, trace to .5% tourmaline	9934	.5-1	679.5	684.5	5.0			Tr	
			9935	.5-1	684.5	689.5	5.0			Tr	
			9936	.5-1	689.5	694.5	5.0			Tr	
			9937	.5-1	694.5	699.5	5.0			Tr	
			9938	.5-1	699.5	704.4	4.9			Tr	
			9939	.5-1	704.4	707.8	3.4			Tr	
		707.8 to 711.8 - light to dark green, banded, chloritic interval - 711.4 to 711.8; magnetic iron formation bed, 60% magnetite, 20% chert, 20% chlorite and amphibole	9940	1	707.8	711.8	4.0			Tr	
		711.8 to 742.6 - typical quartz-sericite schist, 1% pyrite - 720.0; 58° to core axis - 750.0; 66° to core axis	9941	1	711.8	716.8	5.0			Tr	
			9942	1	716.8	721.8	5.0			Tr	
			9943	1	721.8	726.8	5.0			Tr	
			9944	1	726.8	731.8	5.0			Tr	
			9945	1	731.8	736.8	5.0			Tr	
			9946	1	736.8	742.6	5.8			Tr	
		742.6 to 749.5 - very chloritic, finely banded, 0.5% pyrite	9947	.5	742.6	747.0	4.4			Tr	
			9948	.5	747.0	749.5	2.5			Tr	
			9949	.5	749.5	754.5	5.0			Tr	
		749.5 to 759.3 - sericite yellow to light green, fissile, .5% tourmaline, .5% pyrite, minor pink-orange carbonate alteration	9950	.5	754.5	759.3	4.8			Tr	
			9951	.5	759.3	764.6	5.3			Tr	
			9952	.5	764.6	769.5	4.9			Tr	
			9953	.5	769.5	773.6	4.1			Tr	
		759.3 to 773.6 - light to dark green, chloritic but still very sericitic, .5 to 1% pyrite, 1 to 2% carbonate, trace disseminated magnetite, 65° to core axis									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-24 SHEET NO.: 9 of 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		773.6 to 783.5 - sericite schist, trace to .5% pyrite, 1 to 2% conformable tourmaline stringers, 1 to 2% carbonate	9954	tr-.5	773.6	778.6	5.0			Tr		
			9955	tr-.5	778.6	783.5	4.9			Tr		
783.5	817.0	Silty Mafic Tuff - greenish-yellow granular fine-grained volcaniclastic, poorly sorted, sericitized, mottled with irregular sericite patches, 3 to 5% chlorite, trace pyrite, very tuffaceous and chloritic Average Modes Chlorite 40-50% Quartz 20-30% Biotite 5-10% Sericite 5-10% Carbonate 2-3% Pyrite trace - 790.0; 69° to core axis - 810.0; 61° to core axis										
817.0		END OF HOLE										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 LENGTH 897 feet

LOCATION L80+00W 4+53N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 332° DIP -45°

STARTED 1988-02-15 FINISHED 1988-02-19

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		800	-28°	
200	-43°				
400	-40°				
600	-36.5°				

HOLE NO. RL-88-25 SHEET NO. 1 of 1

REMARKS Pa 720018

LOGGED BY P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	8.1	Casing and Overburden									
8.1	168.4	Mafic Volcanic									
168.4	371.2	Ultramafic Volcanic									
371.2	374.4	Mafic Volcanic									
374.4	393.5	Interbedded Ultramafic Volcanic and Banded Iron Formation 384.4 to 387.3 - BIF; 80 to 90% magnetite with minor chert; trace pyrite									
393.5	398.8	Mafic Volcanic									
398.8	523.6	Interbedded Ultramafic Volcanic and Banded Iron Formation 398.8 to 403.7; BIF, trace to 1% pyrite 467.5 to 470.2; BIF, lean, 0.5% pyrite									
523.6	557.6	Chloritized Siltstone									
557.6	642.2	Quartz-Sericite Schist : trace to 2% pyrite, trace pyrrhotite throughout									
642.2	661.9	Siltstone									
661.9	728.4	Quartz-Sericite Schist : trace to 5% pyrite, trace pyrrhotite throughout									
728.4	735.1	Mafic Volcanic									
735.1	897.0	Quartz-Sericite Schist : trace to 5% pyrite throughout									
897.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-25 LENGTH: 897 ft.
LOCATION: L80+00W 4+53N
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 332° DIP: -45°
STARTED: 1988-02-15 FINISHED: 1988-02-19

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-45°		800	-28°	
200	-43°				
400	-40°				
600	-36.5°				

HOLE NO. RL-88-25 SHEET NO. 1 of 14
REMARKS: Pa 720018

LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	Au OZ/TON	Check OZ/TON	
0	8.1	Casing and Overburden										
8.1	168.4	Mafic Volcanic - light to dark green, fine to medium grained, quartz-chlorite schist; textural variations from a strongly foliated chloritized volcanic to a massive chloritized looking amphibolitic texture Average Modes: Chlorite 55-80% Plagioclase 10-15% Quartz 5-15% Biotite 1-10% Amphibole 1-5% Calcite 1-5% Pyrite trace - thin irregular quartz-calcite veinlets (≤ 1.2") roughly parallel to S_1, widely spaced but common throughout; thin calcite stringers ≤ 1/8" parallel to S_1 common, pyrite as fine disseminated grains 8.1 to 28.6 - foliated, chloritized fine grained volcanic - 17.0; foliation at 65° to core axis										
		- 20.0 to 25.0; abundant cross-cutting calcite filled microfractures with trace pyrite	9173	tr	20.0	25.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-25 SHEET NO. 2 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton	
		28.6 to 67.6 - massive to poorly foliated, chloritized amphibolitic texture										
		- 31.0; foliation at 60° to core axis										
		- 37.0 to 42.0; numerous quartz-calcite veinlets <1/2" ± trace pyrite	9174	tr	37.0	42.0	5.0			Tr		
			9175	tr	48.0	53.0	5.0			Tr		
		- 56.0; foliation at 57° to core axis										
		67.6 to 77.0 - foliated chloritized volcanic	9176	tr	69.0	72.0	3.0			.002		
		- 69.0 to 72.0; pervasive carbonatization from 69.2 to 70.2										
		77.0 to 89.5 - massive to poorly foliated, medium grained chloritized, amphibolitic texture										
		- 74.5; foliation at 81° to core axis										
		- 77.0 to 79.5; 1.0' glassy quartz-calcite vein at 50° to core axis	9177		77.0	79.5	2.5			Tr		
		89.5 to 128.0 - foliated, chloritized volcanic with minor argillaceous contamination as wispy biotite rich laminae; 10 to 30% calcite stringers throughout										
		- 92.0 to 94.0; 4.0" quartz-calcite vein at 55° to core axis; inclusions of wallrock throughout	9178	tr	92.0	94.0	2.0			Tr		
		- 102.0; foliation at 78° to core axis										
			9179	tr	97.0	102.0	5.0			Tr		
		- 113.5 to 117.5; 1.0' of bleached material	9180	tr	113.5	117.5	4.0			Tr		
			9181	tr	117.5	122.5	5.0			.002		
		- 122.5 to 127.5; glassy quartz-calcite vein from 123.9 to 126.7; upper contact at 40° to core axis; irregular inclusions of host throughout; trace pyrite on fractured surfaces	9182	tr	122.5	127.5	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-25 SHEET NO. 3 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH DES.	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		128.0 to 168.4 - argillaceous contamination as thin biotite rich stringers (< 1/8") or wisps										
			9183	tr	127.5	130.5	3.0			Tr		
		- 132.0; foliation at 42° to core axis										
		- 137.0 to 142.0; irregular calcite filled fracture pattern	9184		137.0	142.0	5.0			Tr		
			9185	tr	142.0	147.0	5.0			Tr		
		- 154.5 to 163.8; wispy carbonatization throughout	9186	tr	159.0	163.8	4.8			.002		
		- 163.8 to 168.4; finely laminated silty material throughout; from 167.0 to 168.4, 5 to 20% biotite	9187	tr	163.8	168.4	4.6			.002		
168.4	371.2	Ultramafic Volcanic										
		- dark greenish-grey, fine grained sheared, contorted and pervasively carbonatized talc-carbonate-chlorite schist, with disseminated elongate quartz-carbonate augen throughout, upper contact at 62° to core axis, strong foliation										
		Average Modes:										
		Chlorite 20-40%										
		Carbonate 20-30%										
		Talc 20-30%										
		Quartz 5-10%										
		Magnetite trace to 2%										
		Pyrite trace										
		- pyrite as fine disseminated grains or irregular patches; magnetite as thin stringers or patches randomly distributed throughout										
		- 172.0; foliation at 70° to core axis										
			9188	tr	187.0	192.0	5.0			Tr		
		- 196.5 to 199.5; trace pyrite as fillings in micro-fractures	9189	tr	196.5	199.5	3.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-25 SHEET NO.: 4 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		- 200.4 to 205.5; 2.2 ft. core loss										
		- 208.0; foliation at 60° to core axis										
			9190	tr	207.0	212.0	5.0			Tr		
		- 220.7 to 230.7; abundant quartz-calcite veinlets	9191	tr	220.7	225.7	5.0			Tr		
		(< 1/2") and elongate augen ± trace pyrite	9192	tr	225.7	230.7	5.0			Tr		
		- 236.5; foliation at 45° to core axis										
			9193	tr	247.5	252.3	5.0			Tr		
		- 252.3 to 254.5; 4.0" quartz-calcite vein with minor	9194		252.3	254.5	2.2			Tr		
		fuchsite clots in wallrock inclusions, at 55% to core axis										
		- 258.0 to 260.0; 5.0" quartz-calcite vein at 50° to	9195		258.0	260.0	2.0			Tr		
		core axis										
		- 267.0; foliation at 55° to core axis										
			9196	tr	269.5	279.5	5.0			Tr		
		- 287.5 to 288.5; fine grained, chloritized volcanic interband										
			9197	tr	291.0	295.8	4.8			Tr		
		- 297.0; foliation at 50% to core axis										
			9198	tr	297.0	302.0	5.0			Tr		
		- 311.5 to 316.5; abundant quartz-calcite veinlets	9199	tr	311.5	316.5	5.0			Tr		
		and elongate augen ± trace pyrite										
		- 319.5 to 337.0; irregular fracture pattern with a	9200	tr	319.5	324.0	4.5			Tr		
		quartz-carbonate fracture filling; trace pyrite in	9201	tr	324.0	329.0	5.0			TR		
		host rock	9202	tr	329.0	334.0	5.0			Tr		
			9203	tr	334.0	337.0	3.0			Tr		
		- 337.0; foliation at 47° to core axis										
		- 365.5 to 367.0; ground and broken; 2.0' core loss										
			9204	tr	367.0	371.2	4.2			Tr		
371.2	374.4	Mafic Volcanic										
		- similar to 8.1 to 168.4; contacts at 60° to core axis	9205	tr	371.2	374.4	3.2			.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 5 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check Au oz/ton	
374.4	393.5	Interbedded Ultramafic Volcanic and Iron Formation - similar to interval 168.4 to 371.2, consists of interbedded talc-carbonate-chlorite schist and finely laminated magnetite-chert										
		374.4 to 379.7 - talc-carbonate-chlorite schist with elongate quartz-calcite augen, trace pyrite	9206	tr	374.4	379.7	5.3			Tr		
		379.7 to 381.8 - chloritized, silty unit with trace pyrite - 380.0; foliation at 65° to core axis	9207	tr	379.7	381.8	2.1			Tr		
		381.8 to 384.4 - similar to interval 374.4 to 379.7	9208	tr	381.8	384.4	2.6			Tr		
		384.4 to 387.3 - 80-90% massive magnetite with very thin chert laminae (< 1/16"); slightly folded on a microscale but no fracturing; trace pyrite; contacts at 67° to core axis	9209	tr	384.4	385.9	1.5			Tr		
			9210	tr	385.9	387.3	1.4			Tr		
		387.3 to 393.5 - talc-carbonate-chlorite schist with elongate quartz-calcite augen throughout; with trace pyrite - 390.5 to 391.5; 5 bands (< 1.0") of 80 to 90% magnetite with thin chert laminae, trace pyrite	9211	tr	387.3	390.5	3.2			Tr		
			9212	tr	390.5	391.5	1.0			Tr		
			9213	tr	391.5	393.5	2.0			Tr		
393.5	398.8	Mafic Volcanic - similar to interval 8.1 to 168.4; upper contact at 62° to core axis, lower contact at 60° to core axis	9214	tr	393.5	397.0	3.5			Tr		
			9215	tr	397.0	398.8	1.8			Tr		
398.8	523.6	Interbedded Ultramafic Volcanic and Banded Iron Formation - consists of alternating talc-carbonate-chlorite schist; quartz-carbonate-chlorite schist (similar to 168.4 to 371.2) and banded iron formation, iron formation consists of finely laminated (< 1/2") alternating magnetite-chert-amphibole, folded and deformed but without brittle failure										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-25 SHEET NO. 6 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS	ASSAYS	ASSAYS Au oz/ton	ASSAYS Check oz/ton	ASSAYS
		Average Modes of Iron Formation: Magnetite 20-40% Chert 20-35% Amphibole 15-25% Calcite trace to 2% Pyrite trace to 1% - sulphide in iron formation occurs as fine disseminated grains or thin stringers and patches parallel to the laminae										
		398.8 to 403.7 - banded iron formation with trace to 1% pyrite throughout; contacts at 60° to the core axis	9216	1	398.8	400.0	1.2			Tr		
			9217	1	400.0	402.0	2.0			.008		
			9218	0.5	402.0	403.7	1.7			.002		
		403.7 to 419.2 - talc-carbonate-chlorite schist with numerous elongate quartz-calcite augen parallel to S_1 - 403.7 to 407.3; 5% (1/16") magnetite laminations; trace pyrite	9219	tr	403.7	407.3	3.6			Tr		
			9220	tr	407.3	412.4	5.1			Tr		
		- 409.0; foliation at 70° to core axis - 412.4 to 416.0; 3.0" quartz-calcite vein with inclusions of wallrock and trace pyrite	9221	tr	412.4	416.0	3.6			Tr		
		- 416.0 to 419.2; trace pyrite; slightly less talcose	9222	tr	416.0	419.2	3.2			Tr		
		419.2 to 423.7 - highly foliated quartz-carbonate-chlorite schist with 0.5% coarse grained subhedral pyrite	9223	0.5	419.2	423.7	4.5			Tr		
		423.7 to 453.1 - talc-carbonate-chlorite schist with disseminated elongate quartz-carbonate augen throughout										
		- 423.7 to 433.7; trace to 0.5% fine to medium grained subhedral pyrite throughout	9224	0.5	423.7	428.7	5.0			Tr		
			9225	tr-.5	428.7	433.7	5.0			Tr		
			9226	tr	433.7	438.7	5.0			Tr		
		- 433.0; foliation at 72° to core axis	9227	tr	438.7	443.7	5.0			.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 7 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH DES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		453.1 to 461.0 - quartz-carbonate-chlorite schist; strongly foliated - 461.0; foliation at 50° to core axis										
		461.0 to 467.5; strongly foliated talc-carbonate-chlorite schist with numerous elongate quartz-calcite augen parallel to S_1	9228	tr	461.0	465.0	4.0			Tr		
			9229	tr	465.0	467.5	2.5			Tr		
		467.5 to 470.2 - finely laminated, lean iron formation folded and deformed, 5 to 20% magnetite, 30 to 50% amphibole, 25 to 30% chert	9230	0.5	467.5	468.9	1.4			Tr		
			9231	tr	468.9	470.2	1.2			.008		
		470.2 to 499.7 - talc-carbonate-chlorite schist with disseminated elongate quartz-calcite augen stretched parallel to S_1; fine to coarse grained subhedral disseminated pyrite throughout - 473.0; foliation at 50° to core axis										
			9233	0.5	478.5	483.5	5.0			Tr		
			9234	0.5	483.5	488.5	5.0			Tr		
			9235	tr	495.0	499.7	4.7			Tr		
		499.7 to 501.8 - talc-carbonate-chlorite schist with finely laminated silty and cherty bands - 499.7 to 501.8; 0.5 pyrite, trace arsenopyrite, as fine disseminated grains or thin stringers parallel to S_1 - 501.5; foliation at 60° to core axis	9236	0.5	499.7	501.8	2.1			Tr		
		501.8 to 508.5 - talc-carbonate-chlorite schist with disseminated elongate quartz-calcite augen stretched parallel to S_1; fine to medium grained disseminated pyrite throughout	9237	0.5	501.8	506.8	5.0			Tr		
			9238	tr	506.8	508.5	1.7			Tr		
		508.5 to 510.6 - finely laminated, silty-cherty interval	9239	0.5	508.5	510.6	2.1			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 8 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		510.6 to 523.6 - talc-carbonate-chlorite schist with disseminated elongate quartz-calcite augen parallel to S_1 - 520.6 to 523.6; trace pyrite; from 523.2 to 523.6; chloritized mafic volcanic	9240	tr	510.6	515.6	5.0			Tr		
			9241	tr	515.6	520.6	5.0			Tr		
			9242	tr	520.6	523.6	3.0			Tr		
523.6	557.6	Chloritized Siltstone - light to dark green, finely laminated, sheared chloritized siltstone; fine grained, slightly granular texture; upper contact at 65° to core axis Average Modes: Chlorite 50-60% Quartz 30-40% Sericite 1-10% Biotite 1-5% Calcite 1-5% Magnetite trace to1% Pyrite trace - sericite as very thin (≤1/16") stringers parallel to S_1 towards end of interval; thin wisps of calcite throughout; magnetite as fine disseminated grains; pyrite as fine to medium disseminated grains, slightly stretched parallel to S_1										
		- 523.6 to 525.0; 1.0" quartz-calcite-tourmaline veinlet at 40° to core axis with 2% pyrite	9243	2	523.6	525.0	1.4			Tr		
			9244	tr	525.0	530.0	5.0			Tr		
		- 530.0; foliation at 55° to core axis	9245	tr	530.0	535.0	5.0			Tr		
			9246	tr	535.0	540.0	5.0			Tr		
		- 540.0 to 542.0; strong carbonatization as thin irregular wisps	9247	tr	540.0	542.0	2.0			Tr		
			9248	tr	542.0	547.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 9 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		547.0 to 552.0 - 0.5% pyrite; slightly silicifiifed from 549.0 to 549.4	9249	0.5	547.0	552.0	5.0			Tr		
			9250	tr	552.0	557.6	5.6			Tr		
557.6	642.2	Quartz-Sericite Schist - yellowish grey to light grey, fine to medium grained, sericitized-silicified granular sediment; very strong foliation has appearance of quartz flooding; upper contact at 50° to core axis Average Modes: Quartz 50-60% Sericite 30-35% Chlorite 1-5% Calcite trace to 2% Pyrite trace to 2% Pyrrhotite trace Tourmaline trace to 1% - pyrite/pyrrhotite as very fine disseminated grains or occasional thin stringers parallel to S_1 throughout; 10 to 40% fine grained 1/16" to 1/8" quartz porphyroblasts throughout; tourmaline as thin stringers or wisps, common but widely distributed throughout											
		557.6 to 596.5 - alternating quartz-sericite schist and slightly chloritized quarz-sericite schist, intensively silicified; transition zone from chloritized siltstone	9251	1	557.6	563.0	5.4			Tr		
			9252	1	563.0	568.0	5.0			Tr		
			9253	0.5	568.0	573.0	5.0			Tr		
		- 572.0; foliation at 45° to core axis	9254	1	573.0	577.0	4.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 10 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		- 577.0 to 581.0; 10 to 15% secondary quartz veinlets (< 1/2") parallel to S_1; 1 to 2% pyrite	9255	2	577.0	581.0	4.0	Tr	
		- 581.0 to 583.0; intensively silicified and contorted laminae	9256		581.0	583.0	2.0	Tr	
			9257	1	583.0	588.0	5.0	Tr	
			9258	1	588.0	593.0	5.0	Tr	
		- 594.3 to 596.5 - chloritized interval	9259	0.5	594.3	596.5	2.2	Tr	
		596.5 to 631.0 - strong silicification, moderate to strong sericitization; 0.5 to 2% pyrite throughout	9260	1	596.5	601.5	5.0	Tr	
			9261	1	601.5	606.5	5.0	Tr	
		- 611.0; foliation at 65° to core axis	9262	1	606.5	611.5	5.0	Tr	
		- 611.5 to 616.5; several quartz-calcite veinlets (<1.0") parallel to S_1; 1 to 2% pyrite	9263	2	611.5	616.5	5.0	Tr	
			9264	1	616.5	621.5	5.0	Tr	
			9265	2	621.5	626.0	4.5	Tr	
			9401	2	626.0	631.0	5.0	Tr	
		631.0 to 642.2 - 1 to 10% chlorite, 1 to 5% biotite contamination in a quartz-sericite schist, producing a mottled dark grey appearance; fine 1/16" to 1/8" dark grey porphyroblasts, stretched parallel to S_1 throughout; trace to 2% pyrite							
		- 631.0 to 632.5; dark grey, finely laminated	9402	1	631.0	632.5	1.5	Tr	
		- 632.5 to 634.5; abundant dark grey porphyroblasts throughout	9403	tr	632.5	634.5	2.0	Tr	
			9269	tr	634.5	638.3	3.8	Tr	
		- 638.3 to 642.2; quartz-calcite-tourmaline flooding with 1 to 5% fuchsite alteration	9270	tr	638.3	640.0	1.7	Tr	
			9271	0.5	640.0	642.2	2.2	Tr	
642.2	661.9	Siltstone							
		- grey to yellowish grey, fine grained, finely laminated weakly sericitized-chloritized sediment; strong foliation; upper contact at 70° to core axis							

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-25 SHEET NO. 11 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE NO. SLICES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check Au oz/ton	
		Average Modes: Chlorite 30-40% Quartz 30-40% Sericite 5-20% Biotite 1-10% Calcite trace to 2% Pyrite trace to 1%										
		- pyrite as fine disseminated grains or thin stringers parallel to S_1										
		- 642.2 to 647.0; 80 to 90% sericite from 645.8 to 646.4	9272	1	642.2	647.0	4.8			Tr		
			9273	0.5	647.0	652.0	5.0			Tr		
			9274	0.5	652.0	657.0	5.0			Tr		
		- 652.0; foliation at 66° to core axis										
		- 657.0 to 661.9; several 1/16" to 1/8" stringers of pyrite	9275	2	657.0	661.9	4.9			Tr		
661.9	728.4	Quartz-Sericite Schist										
		- similar to interval 557.6 to 642.2; upper contact at 70° to core axis										
		661.9 to 680.6 - strong silicification, weak to moderate sericitization	9276	1	661.9	667.0	5.1			Tr		
			9277	1	667.0	672.0	5.0			Tr		
		- 672.0 to 677.0; (2 to 3%) 1/8" to 1/4" pyrite stringers throughout	9278	3	672.0	677.0	5.0			Tr		
			9279	1	677.0	680.6	3.6			Tr		
		- 679.0; foliation at 60° to core axis										
		680.6 to 684.6 - quartz-carbonate-chlorite schist interbed; strongly foliated; contacts at 74° to core axis; minor fuchsite alteration with 1% pyrite at end of interval	9280	1	680.6	684.6	4.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-25 SHEET NO. 12 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SECTION DES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton	
		684.6 to 699.0 - strong silicification; weak to moderate sericitization; trace to 2% pyrite throughout										
			9281	1	684.6	689.0	4.4			Tr		
		- 689.0 to 694.0; 1/16" pyrite stringers throughout	9282	1	689.0	694.0	5.0			Tr		
			9283	1	694.0	699.0	5.0			Tr		
		- 695.0; foliation at 66° to core axis										
		699.0 to 704.7 - very intense sericitization, 80 to 90% with 1 to 10% chlorite; 1 to 2% tourmaline as thin stringers parallel to S_1; trace to 1% pyrite	9284	1	699.0	702.0	3.0			Tr		
			9285	0.5	702.0	704.7	2.7			Tr		
		704.7 to 721.5 - strong silicification; weak sericitization; 1 to 3% pyrite throughout	9286	3	704.7	709.0	4.3			Tr		
			9287	3	709.0	714.0	5.0			Tr		
			9288	3	714.0	718.0	4.0			Tr		
		- 718.0 to 719.5; 1/2" band of 50% pyrite with minor carbonate	9289	3	718.0	719.5	1.5			Tr		
		- 718.0; foliation at 70° to core axis										
			9290	2	719.5	721.5	2.0			Tr		
		721.5 to 728.4 - very intensively silicified with moderate sericitization; 10 to 40% secondary quartz-veining with 1 to 5% pyrite	9291	5	721.5	724.0	2.5			Tr		
			9292	3	724.0	728.4	4.4			Tr		
728.4	735.1	Mafic Volcanic										
		- dark green, fine grained, strongly foliated quartz-carbonate-chlorite schist; wispy carbonatization throughout; stretched parallel to S_1; upper contact at 74° to core axis										
		Average Modes:										
		Chlorite 55-60%										
		Plagioclase 10-15%										
		Quartz 5-15%										
		Calcite 5-10%										
		Biotite 1-5%										
		Pyrite trace to 1%										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-25 SHEET NO.: 13 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		- pyrite as fine disseminated grains throughout										
735.1	897.0	Quartz Sericite Schist										
		- similar to interval 557.6 to 642.2; upper contact at 70° to core axis										
		735.1 to 774.0 - very strong sericitization with 10 to 40% secondary quartz veining and 1 to 3% carbonate; 1 to 5% pyrite throughout	9295	3	735.1	739.0	3.9			Tr		
			9296	3	739.0	743.0	4.0			Tr		
			9297	5	743.0	747.0	4.0			Tr		
		- 745.0; foliation at 68° to core axis										
			9298	5	747.0	751.0	4.0			Tr		
			9299	3	751.0	755.0	4.0			Tr		
			9300	3	755.0	759.0	4.0			Tr		
			9301	3	759.0	763.0	4.0			Tr		
			9302	2	763.0	767.0	4.0			Tr		
			9303	2	767.0	771.0	4.0			Tr		
			9304	3	771.0	774.0	3.0			Tr		
		- 773.5; foliation at 68° to core axis										
		774.0 to 781.2 - moderate silicification with weak sericitization; trace to 2% pyrite throughout										
			9305	2	774.0	779.0	5.0			Tr		
			9306	2	779.0	781.2	2.2			Tr		
		781.2 to 800.0 - strong silicification with weak sericitization; 1 to 2% pyrite throughout	9307	2	781.2	786.0	4.8			Tr		
		- 784.0; foliation at 65° to core axis	9308	2	786.0	791.0	5.0			Tr		
			9309	2	791.0	796.0	5.0			Tr		
			9310	3	796.0	800.0	4.0			Tr		
		800.0 to 810.5 - very strong sericitization with up to 10% secondary quartz veining and trace to 3% pyrite	9311		800.0	805.2	5.2			Tr		
			9312		805.2	810.5	5.3			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-25 SHEET NO. 14 of 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE LENGTH	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au oz/ton	ASSAYS Check oz/ton
		810.5 to 837.0 - very strong silicification with 10 to 40% secondary quartz veining and 1 to 5% carbonate; moderate sericitization, 1 to 3% pyrite; trace galena from 814.0 to 816.0	9313	3	810.5	814.0	3.5	Tr	
			9314	3	814.0	816.0	2.0	Tr	
			9315	3	816.0	818.0	2.0	Tr	
			9316	3	818.0	822.0	4.0	Tr	
			9317	3	822.0	826.0	4.0	Tr	
		- 823.0; foliation at 56° to core axis	9318	2	826.0	830.0	4.0	Tr	
			9319	3	830.0	834.0	4.0	Tr	
			9320	3	834.0	837.0	3.0	Tr	
		837.0 to 849.0 - moderate silicification and sericitization with up to 10% secondary quartz veining and 1 to 3% carbonate; numerous 1/16" stringers of pyrite; 1 to 3% pyrite in remainder	9321	1	837.0	842.0	5.0	Tr	
			9322	1	842.0	847.0	5.0	Tr	
			9323	1	847.0	849.0	2.0	Tr	
		849.0 to 889.9 - very weak sericitization and moderate silicification with trace to 1% pyrite; up to 10% secondary quartz-veining; 1 to 3% carbonate	9324	1	849.0	854.0	5.0	Tr	
			9325	1	854.0	859.0	5.0	Tr	
			9326	1	859.0	864.0	5.0	Tr	
		- 865.0; foliation at 70° to core axis	9327	1	864.0	869.0	5.0	Tr	
			9328	1	869.0	871.2	2.2	Tr	
		- 871.2 to 873.0; several finely laminated silty fuchsite bands, up to 5" wide; trace pyrite	9329	tr	871.2	873.0	1.8	Tr	
			9330	2	873.0	878.0	5.0	Tr	
			9331	1	878.0	883.0	5.0	Tr	
			9332	0.5	883.0	888.0	5.0	Tr	
			9333	0.5	888.0	889.9	1.9	Tr	
		889.9 to 897.0 - weak silicification and very weak sericitization with trace pyrite	9334	tr	889.9	895.0	5.1	Tr	
		- 891.0; foliation at 68° to core axis							
897.0		END OF HOLE							

ANGLOGGER - TORONTO - 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-26 LENGTH: 997 ft.
LOCATION: L112+00W 4+34N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -44°
STARTED: 1988-02-19 FINISHED: 1988-02-23

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°		800	-21°	
200	-37°		997	-19.5°	
400	-30°				
600	-24°				

HOLE NO. RL-88-26 SHEET NO. 1 of 1
REMARKS: Pa 720029
LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION SUMMARY LOG	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Check oz/ton
0	22.0	Casing and Overburden									
22.0	98.8	Mafic Volcanic									
98.8	464.0	Ultramafic Volcanic									
464.0	499.5	Mafic Intrusive (Gabbro)									
499.5	592.5	Ultramafic Volcanic									
592.5	600.3	Mafic Intrusive (Gabbro)									
600.3	617.3	Ultramafic Volcanic									
617.3	677.0	Quartz-Sericite Schist									
677.0	696.3	Siltstone (Chloritized)									
696.3	735.6	Greywacke (Sericitized)									
735.6	741.3	Siltstone (Chloritized)									
741.3	781.2	Greywacke (Sericitized)									
781.2	786.0	Mafic Volcanic									
786.0	811.7	Siltstone (Chloritized)									
811.7	912.9	Quartz-Sericite Schist trace to 5% disseminated pyrite throughout									
912.9	942.5	Ultramafic Volcanic									
942.5	965.6	Quartz-Sericite Schist									
965.6	980.1	Siltstone (Chloritized)									
980.1	997.0	Greywacke (Sericitized)									
997.0		End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake
HOLE NO.: RL-88-26 LENGTH: 997 ft.
LOCATION: L112+00W 4+34N
LATITUDE: _____ DEPARTURE: _____
ELEVATION: _____ AZIMUTH: 332° DIP: -44°
STARTED: 1988-02-19 FINISHED: 1988-02-23

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	-44°		800	-21°	
200	-37°		997	-19.5°	
400	-30°				
600	-24°				

HOLE NO. RL-88-26 SHEET NO. 1 of 13
REMARKS: Pa 720029
LOGGED BY: P. Taylor

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
0	22.0	Casing and Overburden									
22.0	98.8	Mafic Volcanic - light to dark green, fine grained, strongly foliated quartz-chlorite schist; weak or moderate wispy carbonatization throughout, often associated with trace pyrite Average Modes: Chlorite 60-75% Plagioclase 10-15% Calcite 5-15% Quartz 5-15% Biotite 1-5% Pyrite trace - pyrite as fine disseminated grains, throughout									
			9335	tr	25.5	30.5	5.0			Tr	
			9336	tr	30.5	35.5	5.0			Tr	
		- 31.0; foliation at 66° to core axis - 35.5 to 40.5; several thin quartz-calcite veinlets with trace pyrite	9337	tr	35.5	40.5	5.0			Tr	
		- 40.5 to 44.0; 4.0" quartz-calcite vein at 45° to core axis	9338	tr	40.5	44.0	3.5			Tr	
		- 44.0 to 50.5; wispy calcite stringers absent in this interval; broken									
			9339	tr	51.5	56.5	5.0			Tr	
			9340	tr	56.5	61.5	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-26 SHEET NO. 2 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
		- 61.5 to 82.0; numerous quartz-calcite veinlets (<1.0") ± trace pyrite, roughly parallel to S_1 common but widespread throughout; trace pyrite in wallrock										
			9341	tr	61.5	66.5	5.0			Tr		
			9342	tr	66.5	71.5	5.0			Tr		
		- 71.0; foliation at 50° to core axis										
			9343	tr	71.5	76.5	5.0			Tr		
			9344	tr	76.5	82.0	5.5			Tr		
			9345	tr	82.0	87.0	5.0			Tr		
			9346	0.5	87.0	92.0	5.0			Tr		
			9347	tr	92.0	97.0	5.0			Tr		
		- 97.0 to 98.8; 2.0" of quartz-calcite flooding at contact; 1% pyrite pyrrhotite	9348	1	97.0	98.8	1.8			Tr		
98.8	464.0	Ultramafic Volcanic										
		- dark greenish-grey, fine grained, sheared, contorted and pervasively carbonatized, talc-carbonate-chlorite schist, disseminated, elongate quartz-carbonate augen stretched parallel to S_1 common; medium to coarse grained pyroxene/olivine grain outlines, completely altered to talc/chlorite; common throughout; upper contact at 60° to core axis; highly chloritized intervals (on scale of 1-5") throughout										
		Average Modes Carbonate 30-40% Talc 30-40% Chlorite 20-30% Quartz 5-10% Serpentine 1-3% Magnetite trace to 2% Pyrite trace Pyrrhotite trace										

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-26 SHEET NO. 3 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON
		- magnetite as fine disseminated grains throughout pyrite/pyrrhotite as fine to medium disseminated grains									
			9349	0.5	98.8	103.8	5.0			Tr	
		- 110.0; foliation at 55° to core axis									
			9350	tr	117.0	122.0	5.0			Tr	
		- 129.0 to 131.0; very fine (<< 1/32") magnetite stringers, folded and contorted	9351	tr	129.0	131.0	2.0			Tr	
			9352	tr	131.0	136.0	5.0			Tr	
		- 149.0; foliation at 60° to core axis									
			9353	tr	152.0	157.0	5.0			Tr	
			9354		176.0	181.0	5.0			Tr	
		- 179.5; foliation at 50° to core axis									
			9355	tr	186.0	191.0	5.0			Tr	
			9356	tr	201.5	206.5	5.0			Tr	
		- 220.0; foliation at 60° to core axis									
			9357	tr	223.0	228.0	5.0			Tr	
		- 228.0 to 241.0; coarse grained pyroxenite, totally altered to talc-carbonate±serpentine									
			9358	tr	255.0	260.0	5.0			Tr	
		- 264.0 to 269.0; numerous quartz-calcite±talc augen stretched at 70° to 80° to core axis ± trace pyrite	9359	tr	264.0	269.0	5.0			Tr	
		- 268.0; foliation at 55° to core axis									
			9360	tr	277.0	282.0	5.0			Tr	
		- 291.7 to 295.0; coarse grained pyroxenite									
		- 297.0 to 310.4; abundant contorted and irregular quartz-carbonate±talc augen and veinlets (< 1/2") ± trace pyrite/pyrrhotite	9361	tr	297.0	302.0	5.0			Tr	
			9362	tr	302.0	307.0	5.0			Tr	
			9363	tr	307.0	310.4	3.4			Tr	
		- 310.4 to 313.0; highly chloritized ultramafic; several bands, up to 4", of massive chlorite, at 311.3 1/2" quartz-calcite-tourmaline veinlet with trace pyrite	9364	tr	310.4	313.0	2.6			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 4 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH IDE'S	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
		- 316.0; foliation at 50° to core axis										
			9365	tr	317.5	321.5	4.0			Tr		
		- 337.0; foliation at 56° to core axis										
			9366	0.5	349.2	354.2	5.0			Tr		
		- 367.0 to 372.0; numerous thin (< 1/2") and contorted quartz-calcite veinlets ± trace pyrite	9367	tr	367.0	372.0	5.0			Tr		
		- 370.0; foliation at 65° to core axis										
			9368	tr	390.2	395.2	5.0			Tr		
		- 398.5 to 403.5; 2 - 1.0" carbonate-quartz-talc augen with trace pyrite	9369	tr	398.5	403.5	5.0			Tr		
		- 403.5 to 422.5; 10 to 30% quartz-carbonate ± talc veinlets and disseminated elongate augen, parallel to S_1 ± trace pyrite	9370	tr	403.5	408.5	5.0			Tr		
			9371	tr	408.5	414.0	5.5			Tr		
		- 406.0; foliation at 60° to core axis	9372	tr	414.0	419.0	5.0			Tr		
		- 439.5; foliation at 65° to core axis	9373	tr	419.0	422.5	3.5			Tr		
			9374	tr	447.0	452.0	5.0			Tr		
		- 458.5 to 461.0; 1 to 5% fine disseminated magnetite in 6" and 2" laminated silty and cherty bands	9375	tr	458.0	461.0	2.5			Tr		
464.0	499.5	Mafic Intrusive (Gabbro)										
		- dark green, medium to coarse grained, massive looking, chloritized gabbro, poor to no foliation, weak to moderate carbonatization throughout, contacts at 70° to core axis										
		Average Modes:										
		Chlorite 50-70%										
		Carbonate 20-30%										
		Amphibole 5-10%										
		Plagioclase 5-15%										
		Quartz 5%										
		- magnetite 1-2%	9376		469.0	474.0	5.0			Tr		
		- 495.1 to 499.5 (4.4); 1 to 2% fine grained disseminated magnetite throughout	9377		495.1	499.5	4.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 5 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ/TON	ASSAYS Check OZ/TON	
499.5	592.5	Ultra Mafic Volcanic - similar to interval 98.8 to 464.0										
			9378	tr	499.5	504.5	5.0			Tr		
		- 510.0; foliation at 62° to core axis										
			9379	tr	522.5	527.5	5.0			Tr		
		- 540.0; foliation at 75° to core axis - 543.0 to 547.5; trace pyrite and 1 to 2% magnetite throughout	9380	tr	543.0	547.5	4.5			Tr		
			9381	tr	551.0	556.0	5.0			Tr		
		- 582.0 to 587.0; from 585.0 to 586.0, 2 - 1.0" bands of massive magnetite with quartz-carbonate micro fractures crosscutting on an irregular pattern; trace pyrite	9382	tr	582.0	587.0	5.0			Tr		
		- 587.0; foliation at 70° to core axis										
592.5	600.3	Mafic Intrusive (Gabbro) - similar to interval 464.0 to 499.5; medium grained, massive to poorly foliated, chloritized gabbro, contacts at 65° to core axis, numerous carbonate filled irregular veinlets and micro fractures throughout	9383	tr	592.5	597.5	5.0			Tr		
600.3	617.3	Ultramafic Volcanic - similar to interval 98.8 to 464.0; lower contact at 68° to core axis										
		- 607.0 to 612.0; several quartz-carbonate ± talc veinlets (up to 2.0") ± trace pyrite at 70° to core axis	9384	tr	607.0	612.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 6 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPH	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au oz/ton	Check oz/ton
617.3	677.0	Quartz-Sericite Schist - yellowish grey to light grey, fine grained sericitized-silicified weakly granular sediment; strong foliation; has the appearance of intense quartz flooding, upper contact at 68° to core axis Average Modes: Quartz 50-60% Sericite 25-35% Chlorite 1-10% Calcite trace to 1% Amphibole (?) trace to 2% Pyrite trace to 2% Arsenopyrite trace Pyrrhotite trace Chalcopyrite trace - pyrite as very fine disseminated grains on occasional thin stringers parallel to S_1; 10 to 40% fine grained 1/16 to 1/8" quartz grains throughout; occasional black fragments (amphibole) scattered throughout									
		617.3 to 671.7 - very strongly silicified; weak to moderate sericitization - 617.3 to 619.0; 1% pyrite, 0.5% arsenopyrite	9385	1.5	617.3	619.0	1.7			Tr	
			9386	tr	619.0	624.0	5.0			Tr	
			9387	1	624.0	629.0	5.0			Tr	
		- 628.0; foliation at 64° to core axis - 629.0 to 634.0; irregular micro fracture pattern with pyrite filling	9388	1	629.0	634.0	5.0			Tr	
		- 634.0 to 639.0; 2% pyrite; at 637.0; 1" discordant quartz-carbonate veinlet with tourmaline selvage and trace pyrite	9389	2	634.0	639.0	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 7 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		Au OZ TON	Check OZ TON	
			9390	2	639.0	644.0	5.0			Tr		
			9391	2	644.0	649.0	5.0			Tr		
			9392	1	649.0	654.0	5.0			Tr		
			9393	1	654.0	659.0	5.0			Tr		
		- 655.0; foliation at 70° to core axis										
			9394	1	659.0	664.0	5.0			Tr		
			9395	2	664.0	669.0	5.0			Tr		
			9396	1	669.0	671.7	2.7			Tr		
		- 671.7 to 677.0; finely laminated on a $\leq$ 1/4" scale with chlorite (10-20%) contamination; moderately silicified	9397	1	671.7	677.0	5.3			Tr		
677.0	696.3	Chloritized Siltstone - greyish green, fine grained, highly contorted quartz-carbonate-chlorite schist; pervasive carbonatization throughout, strong foliation; upper contact at 68° to core axis; lower contact at 64° to core axis Average Modes: Chlorite 35-40% Carbonate 25-30% Quartz 20-25% Talc 5-10% Biotite 1-10% Pyrite trace - minor argillaceous contamination as thin biotite rich laminae common throughout; pyrite as fine disseminated grains on S_1 cleavage surfaces										
			9398	tr	677.0	682.0	5.0			Tr		
			9399	tr	682.0	687.0	5.0			Tr		
			9400	tr	687.0	692.0	5.0			Tr		
		- 690.0; foliation at 75° to core axis										
			9404	tr	692.0	696.3	4.3			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO.: RL-88-26 SHEET NO.: 8 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au OZ TON	ASSAYS Check OZ TON	
696.3	735.6	Greywacke (Sericitized) - yellowish grey, fine to medium grained strongly foliated, sericitized and weakly silicified granular sediment; this interval is similar to 617.3 to 677.0; but with less intense silicification and sericitization Average Modes: Sericite 40-50% Quartz 30-40% Carbonate 1-2% Pyrite trace Arsenopyrite trace Pyrrhotite trace Chalcopyrite trace - up to 10% secondary quartz-carbonate veining (< 1/2") + trace pyrite, roughly parallel to S_1, common but widespread throughout, pyrite as fine disseminated grains parallel to S_1 cleavage surfaces	9405	tr	696.3	701.0	4.7			Tr		
			9406	tr	701.0	706.0	5.0			Tr		
		- 706.0 to 709.9; 1% arsenopyrite in a 1/2" quartz-carbonate stringer	9407	1	706.0	709.9	3.9			Tr.		
		- 708.0; foliation at 66° to core axis										
		- 709.9 to 711.0; talc-carbonate-chlorite schist interbed	9408	tr	709.9	711.0	1.1			Tr		
		- 711.0 to 713.0; 4.0" quartz-carbonate vein with an irregular 1/4" crosscutting tourmaline stringer and trace pyrite/arsenopyrite	9409	tr	711.0	713.0	2.0			Tr		
			9410	1	713.0	718.0	5.0			Tr		
		- 718.0 to 723.0; 5.0" quartz-carbonate-tourmaline vein at 70° to core axis with trace pyrite, arsenopyrite	9411	tr	718.0	723.0	5.0			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY. Randall Lake

HOLE NO. RL-88-26 SHEET NO. 9 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ TON	Check OZ TON
			9412	1	723.0	728.0	5.0			Tr	
			9413	2	728.0	733.0	5.0			Tr	
			9414	0.5	733.0	735.6	2.6			Tr	
		- 733.5; foliation at 77° to core axis									
735.6	741.3	Chloritized Siltstone									
		- similar to interval 677.0 to 696.3; upper contact at 70° to core axis; trace to 1% pyrite throughout	9415	1	735.6	739.6	4.0			Tr	
			9416	tr	739.6	741.5	1.9			Tr	
741.3	781.2	Greywacke (Sericitized)									
		- similar to interval 696.5 to 735.6; upper contact at 72° to core axis; dirtier, unsorted sediment with 10 to 25% chlorite; 0.5 to 2% pyrite, 0.5% pyrrhotite, 0.5% arsenopyrite as fine to medium disseminated grains on S_1 cleavage surfaces or thin stringers < 1/16" parallel to S_1; strong foliation									
		741.3 to 769.0 - weak to moderate sericitization with trace to 2% pyrrhotite/pyrite, trace to 0.5% arsenopyrite									
		- 741.3 to 747.0; 0.9' core loss, blocky, 0.5% arsenopyrite, 0.5% pyrite in a 2.0" quartz-carbonate vein at contact	9417	1.0	741.5	747.0	5.5			Tr	
		- 747.0 to 752.0; 2.4' core loss, broken, blocky; trace pyrite	9418	tr	747.0	752.0	5.0			Tr	
		- 752.0 to 757.0; 20% secondary quartz-carbonate veining with trace arsenopyrite, 1% pyrite	9419	1	752.0	757.0	5.0			Tr	
		- 757.0; foliation at 75° to core axis									
		- 757.0 to 759.0; 1.0" band of 90% massive pyrrhotite at 758.6'	9420	90	757.0	759.0	2.0			Tr	
			9421	2	759.0	764.0	5.0			Tr	
			9422	1	764.0	769.0	5.0			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-26 SHEET NO. 10 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	% SULPH.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	Check OZ/TON
		769.0 to 781.2 - very weak sericitization	9423	0.5	769.0	774.0	5.0			Tr	
			9424	0.5	774.0	779.0	5.0			Tr	
			9425	tr	779.0	781.2	2.2			Tr	
781.2	786.0	Mafic Volcanic - similar to interval 22.0 to 98.8; very strongly foliated with wispy carbonatization throughout; contacts at 70° to core axis									
			9426	tr	781.2	786.0	4.8			Tr	
786.0	811.7	Siltstone (Chloritized) - similar to interval 677.0 to 696.3; up to 10%, 1/16" to 1/8" subrounded quartz fragments throughout; finely laminated, strong foliation									
		786.0 to 803.2 - weak to moderate chloritization	9427	0.5	786.0	791.0	5.0			Tr	
			9428	0.5	791.0	796.0	5.0			Tr	
		- 796.0; foliation at 70° to core axis									
			9429	1	796.0	801.0	5.0			Tr	
		- 801.0 to 803.2; 1.0% pyrite as thin < 1/32" stringers parallel to S_1	9430	1	801.0	803.2	2.2			Tr	
		803.2 to 811.7 - weak to moderate sericitization as thin wispy stringers	9431	1	803.2	808.0	4.8			Tr	
		- 808.0 to 811.7; 10 to 20% sericite from 811.0 to 811.7	9432	0.5	808.0	811.7	3.7			Tr	
811.7	912.9	Quartz-Sericite Schist - similar to interval 617.3 to 677.0; upper contact at 70° to core axis									
		811.7 to 827.8 - weak to moderate sericitization; moderate silicification; 30 to 40% 1/32" to 1/16" subrounded to subangular quartz fragments throughout									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 11 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS Au oz/ton	ASSAYS Check oz/ton	
		- 811.7 to 817.0; several 1/8" pyrite stringers parallel to S_1	9433	2	811.7	817.0	5.3			Tr		
		- 817.0 to 822.0; 5.0" quartz-carbonate vein at 76° to core axis with trace pyrite, arsenopyrite	9434	tr	817.0	822.0	5.0			Tr		
			9435	2	822.0	827.8	5.8			Tr		
		827.8 to 912.9 - weak sericitization, weak to moderate silicification; finely laminated; 5 to 20% chlorite contamination throughout; trace to 5% pyrite as fine disseminated grains or thin (≤ 1/4") stringers parallel to S_1										
			9436	1	827.8	833.0	5.2			Tr		
		- 830.0; foliation at 73° to core axis										
			9437	2	833.0	838.0	5.0			Tr		
			9438	2	838.0	843.0	5.0			Tr		
			9439	5	843.0	848.0	5.0			Tr		
			9440	2	848.0	853.0	5.0			Tr		
			9441	2	853.0	858.0	5.0			Tr		
			9442	3	858.0	863.0	5.0			Tr		
			9443	2	863.0	868.0	5.0			Tr		
			9444	3	868.0	873.0	5.0			Tr		
			9445	3	873.0	878.0	5.0			Tr		
			9446	3	878.0	883.0	5.0			Tr		
		- 880.0; foliation at 71° to core axis										
			9447	2	883.0	887.0	4.0			Tr		
		- 887.0 to 888.5; 1.5" band of 80% massive pyrite	9448	80	887.0	888.5	1.5			Tr		
			9449	2	888.5	894.0	5.5			Tr		
			9450	2	894.0	899.0	5.0			Tr		
			9451	1	899.0	904.0	5.0			Tr		
			9452	1	904.0	909.0	5.0			Tr		
			9453	0.5	909.0	912.9	3.4			Tr		

DIAMOND DRILL RECORD

NAME OF PROPERTY Randall Lake

HOLE NO. RL-88-26 SHEET NO. 12 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ TON	ASSAYS Check OZ TON
912.9	942.5	Ultramafic Volcanic - similar to interval 98.8 to 464.0; highly contorted and sheared, pervasively carbonatized talc-carbonate-chlorite schist; 1/8" to 1/2" disseminated elongate, quartz-carbonate augen, parallel to S_1 throughout; upper contact at 72° to core axis; trace pyrite/pyrrhotite throughout									
		912.9 to 922.2 - strongly foliated talc-carbonate-chlorite schist - 922.0; foliation at 70° to core axis	9454	tr	912.9	918.0	5.1			Tr	
			9455	tr	918.0	922.2	4.2			Tr	
		922.2 to 929.9 - highly contorted, silicified and weakly sericitized interval, with numerous thin quartz-carbonate veinlets roughly parallel to S_1	9456	tr	922.2	923.8	1.6			Tr	
			9457	tr	923.8	926.5	2.7			Tr	
			9458	tr	926.5	929.9	3.4			Tr	
		929.9 to 942.5 - strongly foliated talc-carbonate-chlorite schist	9459	tr	929.9	935.0	5.1			Tr	
			9460		935.0	940.0	5.0			Tr	
			9461		940.0	942.5	2.5			Tr	
942.5	965.6	Quartz-Sericite Schite - similar to interval 617.3 to 677.0; upper contact at 70° to core axis; very intensively silicified, weak sericitization, 1 to 5% carbonate throughout; poor foliation developed due to intense silicification; trace to 0.5% pyrite, pyrrhotite, trace arsenopyrite as fine disseminated grains or thin ($\leq$ 1/16") strongers parallel to S_1									
			9462	tr	942.5	947.0	4.5			Tr	
			9463	0.5	947.0	952.0	5.0			Tr	
			9464	0.5	952.0	957.0	5.0			Tr	
			9465	tr	957.0	962.0	5.0			Tr	
			9466	tr	962.0	965.6	3.6			Tr	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Randall Lake

HOLE NO. RL-88-26 SHEET NO. 13 of 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au OZ TON	ASSAYS Check OZ TON
965.6	980.1	Siltstone (Chloritized) - similar to interval 677.0 to 696.3; quartz-carbonate-chlorite schist; pervasively carbonatized, very strong foliation; upper contact at 65° to core axis; disseminated elongate, quartz-carbonate augen parallel to S_1 common throughout,	9467	tr	965.6	970.5	4.9	Tr	
			9468	tr	970.5	973.7	3.2	Tr	
		- 972.0; foliation at 62° to core axis - 973.7 to 980.1; very intense fuchsite alteration occurring as a total bleaching; several thin quartz-carbonate veinlets (≤ 1/2") parallel to S_1	9469	tr	973.7	976.9	3.2	Tr	
			9470	tr	976.9	980.1	3.2	Tr	
980.1	997.0	Greywacke (Sericitized) - similar to interval 696.3 to 735.6; quartz-sericite schist; very fine grained granular sediment, strong foliation; upper contact at 65° to core axis	9471	tr	980.1	985.0	4.9	Tr	
		- 990.0; foliation at 65° to core axis	9472	tr	985.0	990.0	5.0	Tr	
997.0		End of Hole							

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0281 **DATE:** January 28, 1988

SAMPLE(S) OF: Core (96) **RECEIVED:** January 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold	Sample No.	Oz. Gold
10001	Trace	10035	Trace	10067	Trace
2	0.002*	6	Trace	8	Trace
3	Trace	7	Trace	9	Trace
4	Trace	8	0.004	10070	Trace
5	Trace	9	Trace	1	Trace
6	Trace	10040	Trace	2	Trace
7	0.002*	1	Trace	3	Trace
8	0.002	2	Trace	4	Trace
9	0.008	3	Trace	5	Trace
10010	0.040	4	Trace	6	Trace
1	0.004	5	Trace	7	Trace
10013	Trace	6	Trace	8	Trace
4	Trace	7	Trace	9	Trace
5	0.002*	8	Trace	10080	Trace
6	Trace	9	Trace	1	Trace
7	Trace	10050	Trace	2	Trace
8	0.002*	1	Trace	3	Trace
9	Trace	2	Trace	4	Trace
10020	Trace	3	Trace	5	Trace
1	Trace	4	Trace	6	Trace
2	0.014	5	Trace	7	Trace
3	0.002*	6	Trace	8	Trace
4	0.002*	7	Trace	9	Trace
5	0.020	8	Trace	10090	Trace
6	0.008	9	Trace	1	Trace
10028	Trace	10060	Trace	2	Trace
9	Trace	1	Trace	3	Trace
10030	Trace	2	Trace	4	Trace
1	Trace	3	Trace	5	Trace
2	Trace	4	Trace	6	Trace
3	Trace	5	Trace	7	0.002*
4	Trace	6	Trace	9	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0322 (Corrected) DATE: February 3, 1988

SAMPLE(S) OF: Core (210) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randell Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold	Sample No.	Oz. Gold
10100	Trace	10135	0.024	10170	Trace
1	Trace	6	0.002*	1	Trace
2	Trace	7	Trace	2	Trace
3	Trace	8	Trace	3	Trace
4	Trace	9	0.002*	4	Trace
5	0.002*	10140	0.002*	5	Trace
6	Trace	1	Trace	6	Trace
7	Trace	2	Trace	7	Trace
8	Trace	3	Trace	8	Trace
9	Trace	4	Trace	9	Trace
10110	Trace	5	Trace	10180	Trace
1	Trace	6	0.002*	1	Trace
2	Trace	7	Trace	2	Trace
3	0.010	8	Trace	3	Trace
4	0.002*	9	0.002*	4	Trace
5	Trace	10150	0.002*	5	Trace
6	0.002*	1	Trace	6	0.002*
7	Trace	2	0.088 - 0.094	7	Trace
8	Trace	3	0.008	8	Trace
9	Trace	4	0.002	9	Trace
10120	Trace	5	0.002*	10190	Trace
1	Trace	6	Trace	1	Trace
2	Trace	7	0.024	2	Trace
3	Trace	8	Trace	3	Trace
4	Trace	9	0.002	4	Trace
5	Trace	10160	Trace	5	Trace
6	Trace	1	Trace	6	Trace
7	Trace	2	Trace	7	0.002*
8	Trace	3	0.022	8	0.002*
9	0.004	4	0.010	9	0.020
10130	Trace	5	0.002*	10200	Trace
1	Trace	6	Trace	1	0.002*
2	Trace	7	Trace	2	0.002*
3	Trace	8	Trace	3	Trace
4	0.002*	9	Trace	4	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0322 DATE: February 3, 1988

SAMPLE(S) OF: Core (210) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randell Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold	Sample No.	Oz. Gold
10205	Trace	10506	Trace	10541	Trace
6	Trace	7	Trace	2	Trace
7	Trace	8	0.002*	3	Trace
8	Trace	9	Trace	4	Trace
9	Trace	10510	0.002*	5	Trace
10210	Trace	1	0.002*	6	Trace
1	Trace	2	0.002*	7	Trace
2	Trace	3	Trace	8	Trace
3	0.002*	4	Trace	9	Trace
4	0.002*	5	Trace	10550	Trace
5	Trace	6	Trace	1	Trace
6	Trace	7	0.004	2	Trace
7	Trace	8	Trace	3	Trace
8	Trace	9	Trace	4	Trace
9	0.002*	10520	Trace	5	Trace
10220	Trace	1	0.002*	6	Trace
1	Trace	2	0.012	7	Trace
2	Trace	3	Trace	8	Trace
3	Trace	4	Trace	9	Trace
4	0.002*	5	Trace	10560	Trace
5	0.002*	6	Trace	1	Trace
6	Trace	7	Trace	2	Trace
7	Trace	8	Trace	3	Trace
8	Trace	9	Trace	4	Trace
9	Trace	10530	Trace	5	Trace
10230	Trace	1	Trace	6	Trace
1	Trace	2	Trace	7	Trace
2	Trace	3	Trace	8	Trace
3	Trace	4	Trace	9	Trace
4	Trace	5	Trace	10570	Trace
10501	Trace	6	Trace	1	Trace
2	Trace	7	Trace	2	Trace
3	Trace	8	Trace	3	Trace
4	Trace	9	Trace	4	Trace
5	Trace	10540	Trace	5	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0362 DATE: February 10, 1988

SAMPLE(S) OF: Core (43) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10576	Trace	10598	Trace
7	Trace	9	Trace
8	Trace	10600	Trace
9	Trace	1	Trace
10580	Trace	2	Trace
1	Trace	3	Trace
2	Trace	4	Trace
3	Trace	5	Trace
4	Trace	6	Trace
5	Trace	7	Trace
6	Trace	8	Trace
7	Trace	9	Trace
8	Trace	10610	0.004
9	Trace	1	Trace
10590	Trace	2	Trace
1	Trace	3	Trace
2	Trace	4	Trace
3	Trace	5	Trace
4	Trace	6	Trace
5	Trace	7	Trace
6	Trace	8	Trace
7	Trace		

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0363 DATE: February 10, 1988

SAMPLE(S) OF: Core (44) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
10249	Trace
10250	0.020
1	Trace
2	Trace
3	0.002*
4	Trace
5	Trace
6	0.002*
7	Trace
8	Trace
9	0.002*
10260	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	0.004
7	Trace
8	Trace
9	Trace
10270	Trace

Sample No.	Oz. Gold
10271	Trace
2	0.002*
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10280	Trace
1	Trace
2	Trace
3	Trace
10619	Trace
10620	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace

*Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0364 **DATE:** February 10, 1988

SAMPLE(S) OF: Core (46) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randell Lake

Sample No.	Oz. Gold
10235	Trace
6	0.002*
7	0.002*
8	0.014
9	Trace
10240	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
10628	Trace
9	Trace
10630	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	0.004
6	Trace

Sample No.	Oz. Gold
10637	Trace
8	Trace
9	Trace
10640	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10650	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0375 DATE: February 10, 1988

SAMPLE(S) OF: Core (45) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
10284	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10290	Trace
1	0.002*
2	0.002*
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10300	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace

Sample No.	Oz. Gold
10307	Trace
8	0.002*
9	Trace
10310	Trace
1	Trace
2	Trace
3	Trace
10316	Trace
7	Trace
8	Trace
9	Trace
10320	Trace
1	Trace
2	Trace
3	0.002*
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10330	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0377 **DATE:** February 11, 1988

SAMPLE(S) OF: 44(core) **RECEIVED:** February 1988

SAMPLE(S) FROM: H.J. Hodge,Geocanex Ltd.

Project: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10660	Trace	10682	Trace
1	Trace	3	Trace
2	Trace	4	Trace
3	Trace	5	Trace
4	Trace	6	Trace
5	Trace	7	Trace
6	Trace	8	Trace
7	Trace	9	Trace
8	Trace	10690	Trace
9	Trace	1	Trace
10670	Trace	2	0.002*
1	Trace	3	Trace
2	Trace	4	0.002*
3	Trace	5	Trace
4	Trace	6	Trace
5	Trace	7	Trace
6	Trace	8	Trace
7	Trace	9	Trace
8	Trace	10700	Trace
9	Trace	1	Trace
10680	Trace	2	Trace
1	Trace	3	Trace

*Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0393 DATE: February 15, 1988

SAMPLE(S) OF: Core (40) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10331	0.002*	10351	Trace
2	0.002	2	Trace
3	0.002*	3	Trace
4	Trace	4	Trace
5	Trace	5	Trace
6	Trace	6	Trace
7	Trace	7	0.002*
8	Trace	8	Trace
9	Trace	9	Trace
10340	Trace	10360	Trace
1	Trace	1	Trace
2	Trace	2	Trace
3	Trace	3	Trace
4	Trace	4	Trace
5	Trace	5	Trace
6	Trace	6	Trace
7	Trace	7	Trace
8	Trace	8	Trace
9	0.002*	9	Trace
10350	Trace	10370	Trace

* Estimated

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0396 DATE: February 15, 1988

SAMPLE(S) OF: Core (46) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10704	Trace	10727	Trace
5	Trace	8	Trace
6	Trace	9	Trace
7	Trace	10730	Trace
8	Trace	1	Trace
9	Trace	2	Trace
10710	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	Trace
5	Trace	8	Trace
6	Trace	9	Trace
7	0.006	10740	Trace
8	Trace	1	Trace
9	Trace	2	Trace
10720	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	0.002*
4	Trace	7	Trace
5	Trace	8	Trace
6	Trace	9	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0418 DATE: February 17, 1988

SAMPLE(S) OF: Core (284) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10371	0.002*	10407	Trace
2	0.004	8	Trace
3	Trace	9	Trace
4	0.094 - 0.090	10410	Trace
5	0.014	1	0.002*
6	Trace	2	Trace
7	0.108 - 0.104	3	Trace
8	0.010	4	Trace
9	Trace	5	Trace
10380	Trace	6	Trace
1	Trace	7	Trace
2	Trace	8	Trace
3	Trace	10420	Trace
4	Trace	1	Trace
5	Trace	2	Trace
6	Trace	3	Trace
7	Trace	4	Trace
8	Trace	5	Trace
9	Trace	6	Trace
10390	0.002*	7	Trace
1	Trace	8	Trace
2	0.002*	9	Trace
3	0.002*	10430	Trace
4	Trace	1	Trace
5	0.014	2	Trace
6	0.006	3	0.002*
7	Trace	4	Trace
8	0.006	5	Trace
9	0.002*	6	Trace
10400	Trace	7	Trace
1	Trace	8	Trace
2	Trace	9	Trace
3	Trace	10440	0.116 - 0.112
4	Trace	1	Trace
5	Trace	2	0.002*
6	Trace	3	0.002*

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0418 DATE: February 17, 1988

SAMPLE(S) OF: Core (284) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10444	Trace	10488	0.018
5	Trace	9	0.026
6	Trace	10490	Trace
7	Trace	1	0.002*
8	Trace	2	Trace
9	Trace	3	Trace
10451	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	0.004
5	Trace	10750	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	0.004	3	Trace
10462	Trace	4	Trace
3	Trace	5	Trace
10468	0.002*	6	0.002*
9	Trace	7	0.052 - 0.060
10470	Trace	8	0.002*
1	Trace	9	Trace
2	0.070 - 0.078	10760	Trace
3	Trace	1	Trace
4	Trace	2	0.002*
5	Trace	3	0.002*
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	Trace
9	Trace	7	Trace
10480	Trace	8	Trace
1	Trace	9	Trace
2	Trace	10770	Trace
3	0.002*	1	Trace
4	0.014	2	Trace
5	0.024	3	Trace
6	Trace	4	Trace
7	0.026	5	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0418 DATE: February 17, 1988

SAMPLE(S) OF: Core (284) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10776	Trace	10811	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
10780	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	10820	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
10790	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	10830	Trace
6	0.002*	1	Trace
7	0.002*	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
10800	Trace	5	Trace
1	Trace	6	0.002*
2	Trace	7	Trace
3	Trace	8	0.010
4	Trace	9	Trace
5	Trace	10840	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
10810	Trace	5	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0418 **DATE:** February 17, 1988

SAMPLE(S) OF: Core (284) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
10846	Trace	10881	Trace
7	Trace	2	Trace
8	Trace	3	0.002*
9	Trace	4	Trace
10850	0.002*	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	10890	0.002*
6	Trace	1	0.014
7	Trace	2	0.002*
8	0.002*	3	Trace
9	Trace	4	Trace
10860	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	0.002*	8	0.014
4	Trace	9	0.020
5	Trace	10900	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	0.008
9	0.060 - 0.056	4	Trace
10870	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	10910	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	0.012	4	Trace
10880	Trace	5	Trace

* Estimated

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0422 DATE: February 18, 1988

SAMPLE(S) OF: Core (34) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9501	Trace
2	Trace
3	Trace
4	Trace
10498	Trace
9	Trace
10500	Trace
10932	Trace
3	Trace
4	Trace
5	Trace
6	0.002*
7	Trace
8	Trace
9	Trace
10940	Trace
1	Trace
2	Trace
3	Trace
10950	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
10960	Trace
1	Trace
2	Trace
3	Trace
4	Trace

* Estimated

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0427 DATE: February 18, 1988

SAMPLE(S) OF: Core (33) RECEIVED: February 1988

SAMPLE(S) FROM: Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9001	Trace
2	Trace
3	0.002*
4	Trace
10972	0.002*
3	0.002*
4	0.002*
5	0.010
6	Trace
7	Trace
8	0.002*
9	0.002*
10980	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	0.002*
8	0.018
9	0.020
10990	0.002*
1	Trace
2	0.002*
3	0.002*
4	Trace
5	0.002*
6	Trace
7	0.002*
8	Trace
9	Trace
11000	0.002*

* Estimated

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0438 DATE: February 19, 1988

SAMPLE(S) OF: Core (7) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
10459	0.002*
10460	Trace
1	Trace
10464	Trace
5	Trace
6	Trace
7	Trace

* Estimated

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0448

DATE: February 23, 1988

SAMPLE(S) OF: Core (47)

RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9505	Trace	10922	Trace
6	Trace	3	Trace
7	Trace	4	Trace
8	0.002*	5	Trace
9	Trace	6	Trace
9510	0.016	7	0.062
1	Trace	8	Trace
2	Trace	9	Trace
3	0.014	10930	0.018
4	Trace	1	Trace
5	Trace	10944	Trace
6	Trace	5	Trace
7	Trace	6	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9520	Trace	9	Trace
1	0.002*	10965	Trace
2	Trace	6	Trace
10916	0.002*	7	Trace
7	Trace	8	Trace
8	Trace	9	Trace
9	Trace	10970	Trace
10920	Trace	1	Trace
1	Trace		

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0462 DATE: February 23, 1988

SAMPLE(S) OF: Core (42) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9589	Trace	9610	Trace
9590	Trace	1	Trace
1	0.002*	2	Trace
2	Trace	3	Trace
3	Trace	4	Trace
4	Trace	5	Trace
5	Trace	6	Trace
6	Trace	7	Trace
7	Trace	8	Trace
8	Trace	9	Trace
9	0.002*	9620	Trace
9600	0.002*	1	Trace
1	Trace	2	Trace
2	Trace	3	Trace
3	Trace	4	Trace
4	Trace	5	Trace
5	Trace	6	Trace
6	Trace	7	Trace
7	Trace	8	Trace
8	Trace	9	Trace
9	Trace	9630	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0473 DATE: February 24, 1988

SAMPLE(S) OF: Core (26) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9005	Trace
6	0.002*
7	Trace
8	Trace
9	Trace
9010	Trace
1	Trace
2	0.002*
3	0.020
4	0.054 - 0.052
5	0.040
6	0.002*
7	Trace
8	Trace
9	Trace
9020	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9030	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0474 DATE: February 24, 1988

SAMPLE(S) OF: Core (73) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9031	Trace
2	Trace
3	Trace
4	Trace
5	0.002*
6	0.002*
7	Trace
8	Trace
9	Trace
9040	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9050	0.002*
1	0.002*
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	0.008
8	Trace
9	Trace
9060	Trace
1	0.002*
2	0.002*
3	0.002*
4	0.056 - 0.050
5	0.048
6	0.170 - 0.170
7	0.120 - 0.114

Sample No.	Oz. Gold
9068	0.142 - 0.136
9	0.108 - 0.104
9070	0.074 - 0.070
1	0.034
2	0.104 - 0.096
3	0.184 - 0.174
4	0.112 - 0.110
5	0.040 -
6	0.210 - 0.210
7	0.016
8	0.072 - 0.080
9	0.060 - 0.054
9080	0.070 - 0.066
1	0.002*
2	Trace
3	0.002*
4	0.006
5	Trace
6	Trace
7	Trace
8	0.002*
9	Trace
9090	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
9631	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0486 **DATE:** February 25, 1988

SAMPLE(S) OF: Core (66) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9523	Trace	9556	Trace
4	Trace	7	Trace
5	0.022	8	Trace
6	Trace	9	Trace
7	Trace	9560	0.002*
8	0.152 - 0.150	1	Trace
9	Trace	2	Trace
9530	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	Trace
5	Trace	8	0.004
6	Trace	9	0.002*
7	Trace	9570	Trace
8	0.002*	1	Trace
9	Trace	2	0.006
9540	0.002*	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	Trace
5	Trace	8	Trace
6	Trace	9	Trace
7	Trace	9580	Trace
8	Trace	1	Trace
9	Trace	2	Trace
9550	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	0.008	7	Trace
5	Trace	8	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0494 DATE: February 26, 1988

SAMPLE(S) OF: Core (61) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9702	Trace	9765	Trace
3	Trace	6	Trace
4	Trace	7	Trace
5	Trace	8	Trace
6	Trace	9	Trace
7	Trace	9770	Trace
8	Trace	1	Trace
9	Trace	2	Trace
9710	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	Trace
5	Trace	8	Trace
6	Trace	9	Trace
7	Trace	9780	Trace
8	Trace	1	Trace
9	Trace	2	Trace
9720	Trace	3	Trace
1	Trace	4	Trace
2	Trace	5	Trace
3	Trace	6	Trace
4	Trace	7	Trace
9757	Trace	8	Trace
8	Trace	9	Trace
9	Trace	9790	Trace
9760	Trace	1	0.002*
1	Trace	2	Trace
2	Trace	3	Trace
3	Trace	4	Trace
4	Trace		

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0496 **DATE:** February 26, 1988

SAMPLE(S) OF: Core (49) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9124	0.002*	9149	0.006
5	0.004	9150	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	0.018	3	Trace
9	Trace	4	0.002*
9130	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	0.002*
3	Trace	8	Trace
4	0.002*	9	Trace
5	0.004	9160	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	0.012	3	Trace
9	Trace	4	Trace
9140	Trace	5	Trace
1	0.248 - 0.256	6	Trace
2	0.002*	7	Trace
3	Trace	8	Trace
4	0.002*	9	Trace
5	0.002*	9170	Trace
6	0.040	1	Trace
7	0.002*	2	Trace
8	Trace		

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0499 DATE: February 26, 1988

SAMPLE(S) OF: Core (230) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9097	Trace	9175	Trace
8	Trace	6	0.002*
9	Trace	7	Trace
9100	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9180	Trace
3	Trace	1	0.002*
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	0.002*
9	Trace	7	0.002*
9110	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9190	Trace
3	Trace	1	Trace
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	0.006	5	Trace
8	Trace	6	Trace
9	Trace	7	Trace
9120	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9200	Trace
3	Trace	1	Trace
9173	Trace	2	Trace
4	Trace	3	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0499 DATE: February 26, 1988

SAMPLE(S) OF: Core (230) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9204	Trace	9233	Trace
5	0.002*	4	Trace
6	Trace	5	Trace
7	Trace	6	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9210	Trace	9	Trace
1	Trace	9240	Trace
2	Trace	1	Trace
3	Trace	2	Trace
4	Trace	3	Trace
5	Trace	4	Trace
6	Trace	5	Trace
7	0.008	6	Trace
8	0.002*	7	Trace
9	Trace	8	Trace
9220	Trace	9	Trace
1	Trace	9250	Trace
2	Trace	1	Trace
3	Trace	2	Trace
4	Trace	3	Trace
5	Trace	4	Trace
6	Trace	5	Trace
7	0.002*	6	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9230	Trace	9	Trace
1	0.008	9260	Trace
2	Trace	1	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0499 DATE: February 26, 1988

SAMPLE(S) OF: Core (230) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9262	Trace	9666	Trace
9638	Trace	9725	Trace
9	Trace	6	Trace
9640	Trace	7	0.002*
1	Trace	8	Trace
2	Trace	9	Trace
3	Trace	9730	Trace
4	Trace	1	Trace
5	0.002*	2	Trace
6	Trace	3	Trace
7	Trace	4	Trace
8	Trace	5	Trace
9	Trace	6	Trace
9650	Trace	7	Trace
1	Trace	8	Trace
2	Trace	9	Trace
3	0.002*	9740	Trace
4	Trace	1	Trace
5	Trace	2	Trace
6	Trace	3	Trace
7	Trace	4	Trace
8	Trace	5	Trace
9	Trace	6	Trace
9660	Trace	7	Trace
1	0.002*	8	Trace
2	Trace	9	Trace
3	Trace	9750	Trace
4	Trace	1	Trace
5	Trace	2	Trace

* Estimated

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0499 DATE: February 26, 1988

SAMPLE(S) OF: Core (230) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9753	Trace	9819	Trace
4	Trace	9820	Trace
5	Trace	1	Trace
6	Trace	2	Trace
9795	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	Trace
9	Trace	7	Trace
9800	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9830	Trace
3	Trace	1	Trace
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	Trace
9	0.002*	7	Trace
9810	Trace	8	Trace
1	0.030	9	Trace
2	Trace	9840	Trace
3	Trace	1	Trace
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	Trace

* Estimated

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Certificate of Analysis

NO. 0501 **DATE:** February 26, 1988

SAMPLE(S) OF: Core (58) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9667	Trace	9696	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9670	Trace	9	Trace
1	Trace	9700	Trace
2	Trace	1	Trace
3	Trace	2	Trace
4	Trace	3	Trace
5	Trace	4	Trace
6	Trace	5	Trace
7	Trace	6	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9680	Trace	9	Trace
1	Trace	9710	Trace
2	Trace	1	Trace
3	Trace	2	Trace
4	Trace	3	Trace
5	0.002*	4	Trace
6	Trace	5	Trace
7	Trace	6	Trace
8	Trace	7	Trace
9	Trace	8	Trace
9690	Trace	9	Trace
1	Trace	9720	Trace
2	Trace	1	Trace
3	Trace	2	Trace
4	Trace	3	Trace
5	Trace	4	Trace

* Estimated

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Certificate of Analysis

NO. 0529 DATE: February 29, 1988

SAMPLE(S) OF: Core (30) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9847	Trace
8	Trace
9	Trace
9850	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9860	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9870	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

NO. 0540 DATE: February 29, 1988

SAMPLE(S) OF: Core (112) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
8501	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8510	Trace
1	0.002*
9263	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9270	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace

Sample No.	Oz. Gold
9280	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9290	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9300	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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Certificate of Analysis

NO. 0540 DATE: February 29, 1988

SAMPLE(S) OF: Core (112) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9308	Trace	9402	Trace
9	Trace	3	Trace
9310	Trace	9898	Trace
1	Trace	9	Trace
2	Trace	9900	Trace
3	Trace	1	Trace
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	Trace	6	Trace
9	Trace	7	Trace
9320	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9910	Trace
3	Trace	1	Trace
4	Trace	2	Trace
5	Trace	3	Trace
6	Trace	4	Trace
7	Trace	5	Trace
8	trace	6	Trace
9	Trace	7	Trace
9330	Trace	8	Trace
1	Trace	9	Trace
2	Trace	9920	Trace
3	Trace	1	Trace
4	Trace	2	Trace
9401	Trace	3	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0542 DATE: February 29, 1988

SAMPLE(S) OF: Core (60) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9924	Trace	9954	Trace
5	Trace	5	Trace
6	Trace	6	Trace
7	Trace	7	Trace
8	Trace	8	0.002*
9	Trace	9	Trace
9930	Trace	9960	0.002*
1	Trace	1	0.002*
2	Trace	2	Trace
3	Trace	3	0.002*
4	Trace	4	0.002*
5	Trace	5	Trace
6	Trace	6	Trace
7	Trace	7	Trace
8	Trace	8	Trace
9	Trace	9	Trace
9940	Trace	9976	Trace
1	Trace	7	Trace
2	Trace	8	Trace
3	Trace	9	Trace
4	Trace	9980	Trace
5	Trace	1	Trace
6	Trace	2	Trace
7	Trace	3	Trace
8	Trace	4	Trace
9	Trace	5	Trace
9950	Trace	6	Trace
1	Trace	7	Trace
2	Trace	8	Trace
3	Trace	9	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0545 **DATE:** February 29, 1988

SAMPLE(S) OF: Core (5) **RECEIVED:** February 1988

SAMPLE(S) FROM: Geocanex Ltd.

Sample No.	Oz. Gold
8913	Trace
4	Trace
5	Trace
6	Trace
7	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0551 DATE: February 29, 1988

SAMPLE(S) OF: Core (34) RECEIVED: February 1988

SAMPLE(S) FROM: Geocanex Ltd.

Sample No.	Oz. Gold
9299	Trace
9300	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9310	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9320	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
9970	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0553 DATE: February 29, 1988

SAMPLE(S) OF: Core (21) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
9877	Trace
8	Trace
9	Trace
9880	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9890	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0563 DATE: February 29, 1988

SAMPLE(S) OF: Core (37) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
8512	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8520	Trace
1	0.002*
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	0.002*
8	Trace
9	Trace
8530	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8540	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0564 DATE: February 29, 1988

SAMPLE(S) OF: Core (276) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
8549	Trace	8584	Trace
8550	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	8590	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
8560	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	8600	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
8570	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace
4	Trace	9	Trace
5	Trace	8610	Trace
6	Trace	1	Trace
7	Trace	2	Trace
8	Trace	3	Trace
9	Trace	4	Trace
8580	Trace	5	Trace
1	Trace	6	Trace
2	Trace	7	Trace
3	Trace	8	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0564 **DATE:** February 29, 1988

SAMPLE(S) OF: Core (276) **RECEIVED:** February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold
8619	Trace
8620	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8630	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8640	Trace
1	Trace
2	Trace
3	Trace
4	Trace
8901	Trace
2	0.002*
3	0.002*
4	0.002*
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace

Sample No.	Oz. Gold
8910	Trace
1	Trace
2	Trace
8918	Trace
9	Trace
8920	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
8930	Trace
1	Trace
2	0.002*
3	0.002*
4	0.002*
5	Trace
6	Trace
7	0.002*
8	Trace
9	Trace
9335	Trace
6	Trace
7	Trace
8	Trace
9	Trace
9340	Trace
1	Trace
2	Trace
3	Trace
4	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0564 DATE: February 29, 1988

SAMPLE(S) OF: Core (276) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9345	Trace	9379	Trace
6	Trace	9380	Trace
7	Trace	1	Trace
8	Trace	2	Trace
9	Trace	3	Trace
9350	Trace	4	Trace
1	Trace	5	Trace
2	Trace	6	Trace
3	Trace	7	Trace
4	Trace	8	Trace
5	Trace	9	Trace
6	Trace	9390	Trace
7	Trace	1	Trace
8	Trace	2	Trace
9	Trace	3	Trace
9360	Trace	4	Trace
1	Trace	5	Trace
2	Trace	6	Trace
3	Trace	7	Trace
4	Trace	8	Trace
5	Trace	9	Trace
6	Trace	9400	Trace
7	Trace	9404	Trace
8	Trace	5	Trace
9	Trace	6	Trace
9370	Trace	7	Trace
1	Trace	8	Trace
2	Trace	9	Trace
3	Trace	9410	Trace
4	Trace	1	Trace
5	Trace	2	Trace
6	Trace	3	Trace
7	Trace	4	Trace
8	Trace	5	Trace

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0564 DATE: February 29, 1988

SAMPLE(S) OF: Core (276) RECEIVED: February 1988

SAMPLE(S) FROM: Mr. J. North, Geocanex Ltd.

PROJECT: Randall Lake

Sample No.	Oz. Gold	Sample No.	Oz. Gold
9416	Trace	9450	Trace
7	Trace	1	Trace
8	Trace	2	Trace
9	Trace	3	Trace
9420	Trace	4	Trace
1	Trace	5	Trace
2	Trace	6	Trace
3	Trace	7	Trace
4	Trace	8	Trace
5	Trace	9	Trace
6	Trace	9460	Trace
7	Trace	1	Trace
8	Trace	2	Trace
9	Trace	3	Trace
9430	Trace	4	Trace
1	Trace	5	Trace
2	Trace	6	Trace
3	Trace	7	Trace
4	Trace	8	Trace
5	Trace	9	Trace
6	Trace	9470	Trace
7	Trace	1	Trace
8	Trace	2	Trace
9	Trace	9990	Trace
9440	Trace	1	Trace
1	Trace	2	Trace
2	Trace	3	Trace
3	Trace	4	Trace
4	Trace	5	Trace
5	Trace	6	Trace
6	Trace	7	0.002*
7	Trace	8	Trace
8	Trace	9	0.002*
9	Trace	10000	Trace

* Estimated

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER _____

LEGEND FOR THE DIAMOND DRILL HOLE SECTIONS FOR THE **RANDALL LAKE PROPERTY** **Patricia M.D., Ontario**

q.v.,c.v.	Quartz/carbonate veins
8	Intermediate and felsic intrusives
	8a Granite
	8b Diorite
	8c Granite gneiss
	8d Porphyry, quartz/feldspar
7	Mafic to ultramafic intrusives
	7a Gabbro, diabase
	7b Peridotite
6	Iron formation
	6a Oxide facies
	6b Carbonate facies
	6c Silicate facies
	6d Sulphide facies
5	Clastic sediments
	5a Wacke
	5b Mudstone, argillite
	5c Siltstone
4	Felsic volcanics
	4a Flows
	4b Tuff, lapilli tuff
	4c Breccia, agglomerate
3	Intermediate volcanics
	3a Flows
	3b Tuff, lapilli tuff
	3c Breccia, agglomerate
2	Mafic volcanics
	2a Flows
	2b Tuff, lapilli tuff
	2c Breccia, agglomerate
	2d Amphibolite
1	Ultramafic volcanics

SYMBOLS

Overburden..... o/b

Geological contact..... 6/4

Bedding.....

Foliation.....

Fault, shear zone.....

Sample interval (feet) with gold assay in ounces per ton..... 0·01 / 3·0

Lost core..... LC

Alteration

si - silicification
se - sericitization
ch - chloritization
ca - carbonatization

Mineralization

s - sulphides
po - pyrrhotite
py - pyrite
cp - chalcopyrite
As - arsenopyrite
sp - sphalerite
Ga - galena
Mo - Molybdenite
gf - Graphite
tour - tourmaline
mt - magnetite

Fig. 5

Ministry of Northern Development and Mines
Ontario

Report of Work

DOCUMENT No W8903.05 Randall Lake

Mining

Assess. Lib.

53B14SE0002 16 RANDALL LAKE

900

Name and Postal Address of Recorded Holder

See attached

Prospector's Licence No.

see attached

c/o 1003-34 King Street E. Toronto, Ontario M5C 1E5

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed ~~10,890.6~~ ~~14,995.4~~ 15,886

for Performance of the following work. (Check one only)

- [ ] Manual Work
- [ ] Shaft Sinking Drifting or other Lateral Work.
- [ ] Compressed Air, other Power driven or mechanical equip.
- [ ] Power Stripping
- [X] Diamond or other Core drilling
- [ ] Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
	see attached							

All the work was performed on Mining Claim(s): see attached Randall Lake G2182 Keeyask Lake G2085

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Contractors: Midwest Diamond Drilling
180 Cree Crescent
Winnipeg, Manitoba

Core size: B.Q 1 7/16

Geologist in charge: Jon North
1669 St. Gabriel Crt.
Windsor, Ontario

Number of Holes: 26

Total footage : ~~15,000~~ 14,995.4

Used W8803-127 7,109.4

Available this report 10,886.0

Dates : January 17 to February 23rd, 1989

Using this report 8336.

~~Not allowable over 1000 day limit~~ ~~1221.7~~

Balance in reserve this report 2427.3 days
2550 days

546.4 reserve ✓ Report W8903-127

see file No. 127 and 190

P. Mycho Recorded

RECEIVED MAR - 8 1989 PATRICIA MINING DIVISION

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE MAR 28 1989 RECEIVED

Date of Report	Recorded Holder or Agent (Signature)
March 6/89	

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, Ont M5C 1E5

Date Certified	Certified by (Signature)
March 6/89	

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (85/12)

Randall Lake

PROPERTY		CLAIM	OWNER	Licence No.	Credit Requested
RANDALL LAKE	Pa	719916	Power	T 4642	60 credits each
RANDALL LAKE		719917	Power		
RANDALL LAKE		719918	Power		* except claim listed
RANDALL LAKE		719919	Power		below
RANDALL LAKE		719920	Power		
RANDALL LAKE		720001	Power		
RANDALL LAKE		720002	Power		
RANDALL LAKE		720003	Power		
RANDALL LAKE		720004	Power		
RANDALL LAKE		720005	Power		
RANDALL LAKE		720006	Power		
RANDALL LAKE		720007	Power		
RANDALL LAKE		720008	Power		
RANDALL LAKE		720009	Power		
RANDALL LAKE		720010	Power		
RANDALL LAKE		720011	Power		
RANDALL LAKE		720012	Power		
RANDALL LAKE	Pa	720013	Power		* 56 credits each (196)
RANDALL LAKE		720014	Power		
RANDALL LAKE		720015	Power		
RANDALL LAKE		720016	Power		
RANDALL LAKE		720017	Power		
RANDALL LAKE		720018	Power		
RANDALL LAKE		720019	Power		
RANDALL LAKE		720020	Power		
RANDALL LAKE		720021	Power		
RANDALL LAKE		720022	Power		
RANDALL LAKE		720023	Power		
RANDALL LAKE		720024	Power		
RANDALL LAKE		720025	Power		
RANDALL LAKE		720026	Power		
RANDALL LAKE		720027	Power		
RANDALL LAKE		720028	Power		
RANDALL LAKE		720029	Power		
RANDALL LAKE		720030	Power		
RANDALL LAKE		720031	Power		
RANDALL LAKE		720032	Power		
RANDALL LAKE		720033	Power		
RANDALL LAKE		720034	Power		
RANDALL LAKE		720035	Power		
RANDALL LAKE		720051	Power		
RANDALL LAKE		720052	Power		
RANDALL LAKE		720053	Power		
RANDALL LAKE		720054	Power		
RANDALL LAKE		720055	Power		
RANDALL LAKE		720056	Power		
RANDALL LAKE		720057	Power		
RANDALL LAKE		720058	Power		
RANDALL LAKE		720059	Power		
RANDALL LAKE		720060	Power		
RANDALL LAKE		720061	Power		
RANDALL LAKE		720062	Power		
RANDALL LAKE		720063	Power		
RANDALL LAKE		720064	Power		
RANDALL LAKE		720065	Power		

Randall Lake

PROPERTY	CLAIM	OWNER	Licence No.	Credits Requested
RANDALL LAKE Pa	720066	Power	T 4642	60 credits each
RANDALL LAKE	720067	Power		"
RANDALL LAKE	720068	Power		"
RANDALL LAKE	720069	Power		"
RANDALL LAKE	720070	Power		"
RANDALL LAKE	720071	Power		"
RANDALL LAKE	720072	Power		"
RANDALL LAKE	720073	Power		"
RANDALL LAKE	720074	Power		"
RANDALL LAKE	720090	Power		"
RANDALL LAKE	720091	Power		"
RANDALL LAKE	720092	Power		"
RANDALL LAKE	720093	Power		"
RANDALL LAKE	720094	Power		"
RANDALL LAKE	720095	Power		"
RANDALL LAKE	720096	Power		"
RANDALL LAKE	720097	Power		"
RANDALL LAKE	720098	Power		"
RANDALL LAKE	720099	Power		"
RANDALL LAKE	720100	Power		"
RANDALL LAKE	823409	Power		100 credits each
RANDALL LAKE	823410	Power		"
RANDALL LAKE	823411	Power		"
RANDALL LAKE	823412	Power		"
RANDALL LAKE	823413	Power		"
RANDALL LAKE	823414	Power		"
RANDALL LAKE	892633	C. Darveau	K 20388	160 credits each
RANDALL LAKE	892634	C. Darveau		"
RANDALL LAKE	892635	C. Darveau		"
RANDALL LAKE	892636	C. Darveau		"
RANDALL LAKE	892637	C. Darveau		"
RANDALL LAKE	892638	C. Darveau		"
RANDALL LAKE	892639	C. Darveau		"
RANDALL LAKE	903579	H. Lariviere	S 6827	"
RANDALL LAKE	964906	C. Darveau	K 20388	"
RANDALL LAKE	964907	C. Darveau		180 credits each
RANDALL LAKE	964908	C. Darveau		160 credits each
RANDALL LAKE	964909	C. Darveau		160 credits each
RANDALL LAKE	964910	C. Darveau		180 credits each
RANDALL LAKE	964934	H. Lariviere	S 6827	160 credits each
RANDALL LAKE	964935	H. Lariviere		"
RANDALL LAKE	964936	H. Lariviere		"
RANDALL LAKE	964937	H. Lariviere		"
RANDALL LAKE	964938	H. Lariviere		"
RANDALL LAKE	964939	H. Lariviere		"
RANDALL LAKE	964940	H. Lariviere		"

101 claims

Randall Lake

REC#	claimsrt	
Pa	720004✓	
	720005✓	
	720010✓	720009✓
	720016✓	720017 & 720008✓
	720018✓	
	720024✓	
	720029✓	720023
	720053✓	
	720055✓	
	720062✓	
	720063✓	720056✓
	720073✓	
	720074✓	
	720090✓	
	720091✓	
	720097✓	
	~~720066✓~~	

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

5N 6N 7N 8N 9N 10N 11N 12N 13N

Mag.

VLF - Fraser Filter

RL-88-26

o/b

DATUM
DISCOVERY LAKE

VLF-A

VLF-A

2a

1a

1a

7a

1a

7a

1a

5a, sl, se, py

5c, ch

5a, se

5c, ch

5a se

2a

5c, ch

5a, sl, se, py

1a

5a, sl, se, py

5c, ch

5a, se

E.O.H. 997'

For legend see Figure No. 5

0 50' 100'
Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 112+00 W
LOOKING WEST

D.D.H. No. RL-88-26

GEOCANEX LTD
TORONTO CANADA

BY: P.T./R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 24

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

1 — 5N — 6N — 7N — 8N — 9N — 10N — 11N — 12N — 13N

6 — 5 — 4 — 3 — 2 — 1 — 0

150 — 125 — 100 — 75 — 50 — 25 — 0

Mag.

VLF-Fraser Filter

RL-88-19

a/b

DATUM DISCOVERY LAKE

VLF-A

VLF-A

Discovery Lake

2a

1

2a

1

-100 — -200 — -300 — -400 — -500

Moderate to strong deformation and alteration

5a, si, se

5a, si, se

2a, co

5a, si, se

2a, co

5a, si, se

E.O.H. 997'

For legend see Figure No. 5

0 — 50' — 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 98+00 W

LOOKING WEST

D.D.H. No. RL-88-19

GEOCANEX LTD
TORONTO CANADA

BY: J.M. / R.T.M.
DATE Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 18

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

5N 6N 7N 8N 9N 10N 11N

6 5 4 3 2 1 0 — 150 125 100 75 50 25 0

VLF-Fraser Filter

Mag.

RL-88-25

o/b

DATUM DISCOVERY LAKE

VLF-A

Discovery Lake

2a

1

Moderate to strong deformation & alteration

2a 6a,c 2a 6a,c py

6a,c

5c

5a sl,se, py

5c

5a,sl,se, py

2a

5a,sl,se, py

E.O.H. 897'

-100 -200 -300 -400 -500

For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 80+00 W

LOOKING WEST

D.D.H. No. RL-88-25

GEOCANEX LTD
TORONTO CANADA

BY: P.T. / R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 23

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

5N 6N 7N 8N 9N 10N 11N 12N

6 5 4 3 2 1 0

150 125 100 75 50 25 0

Mag.

VLF-Fraser Filter

DATUM

RL-88-24

0 -100 -200 -300 -400 -500

o/b
2a
0-05 / 5·0
o/b
6a
6a
6a
6a
5c
Moderate to strong deformation and alteration
5a, si, se ca, py
2a
1/4" galena stringers
5a, si, se, ca, py
2b, 5c
E.O.H. 817'

For legend see Figure No. 5

0 50' 100'
Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 64+00 W

LOOKING WEST

D.D.H. No. RL-88-24

GEOCANEX LTD
TORONTO CANADA

BY: J.N. / R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 22

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

6N 7N 8N 9N 10N

VLF EM Fraser Filtered
Inphase Profile (%)

6 5 4 3 2 1 0

150 125 100 75 50 25 (

Mag.

VLF-Fraser Filter

0 DATUM

RL-88-23

VLF-A

VLF-R

o/b

2a

LC

6a

LC

2a

5c

6a

cc

6a

6a

1

Moderate to strong deformation and alteration

qv,ca, py, Ga

5a, sl, py, po

2a

5a, sl, py, po

qv, py, cp, Go

5c

5a

E.O.H. 608'

-100 -200 -300 -400 -500

For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 48+00 W

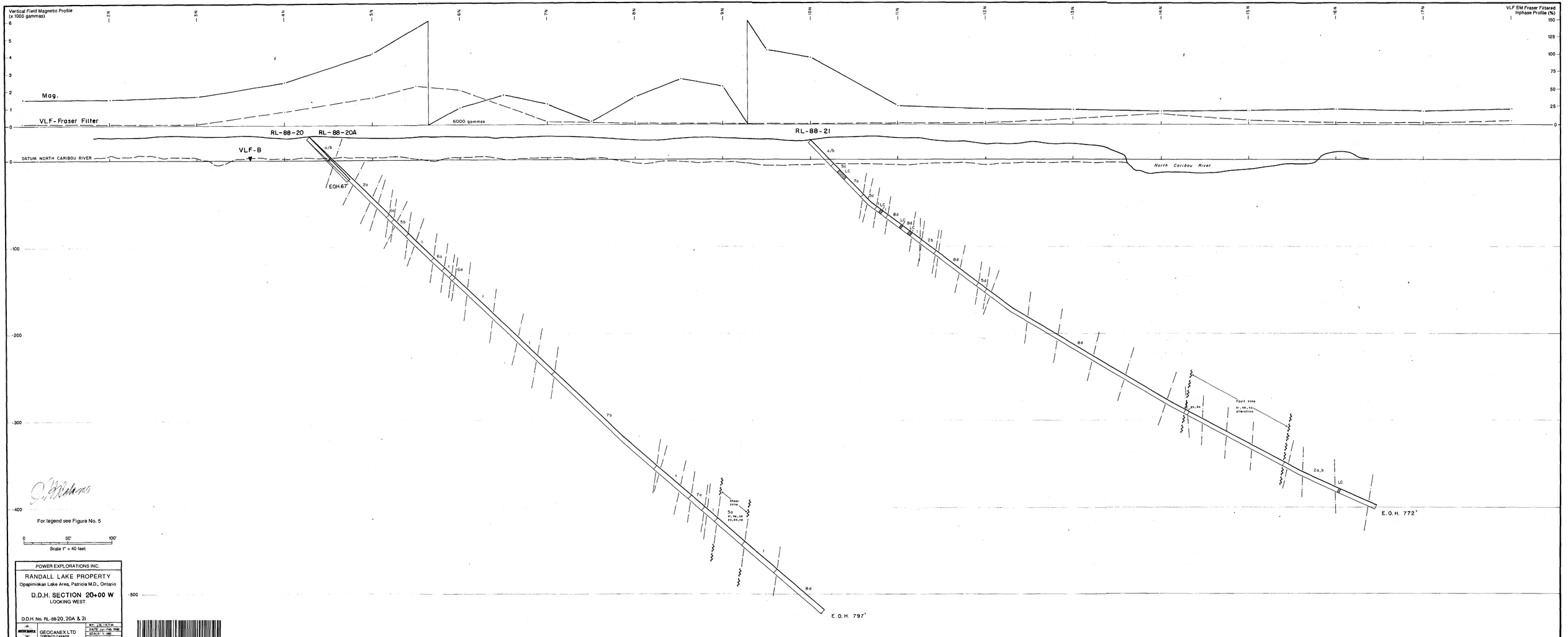
LOOKING WEST

D.D.H. No. RL-88-23

GEOCANEX LTD
TORONTO CANADA

BY: J.N. / R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 21

53B14SE0002 16 RANDALL LAKE



For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

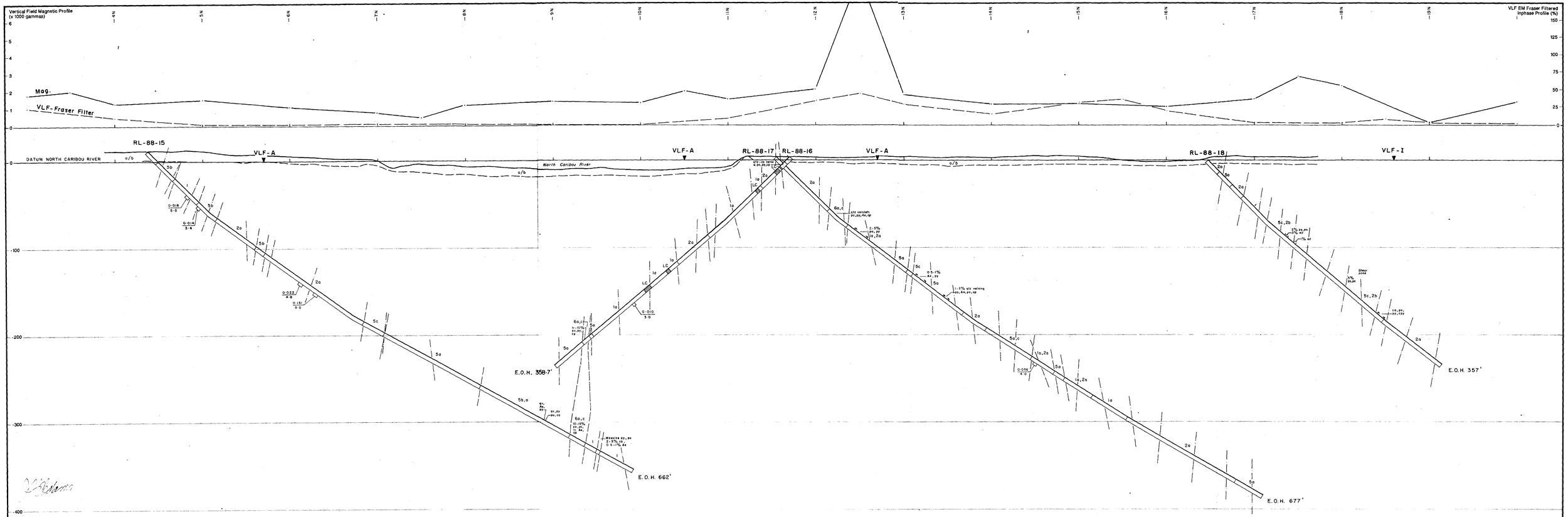
Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 20+00 W

LOOKING WEST

D.D.H. No. RL-88-20, 20A & 21

GEOSCIENCE GEOCANEX LTD TORONTO CANADA	BY: JN. / R.T.M.
	DATE: Jan.-Feb. 1988
	SCALE: 1: 480
	FIGURE No. 19



For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 00+00

LOOKING WEST

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

6 5 4 3 2 1 0

150 125 100 75 50 25 0

6N 7N 8N 9N 10N

Mag.

VLF - Fraser Filter

RL-88-8

Datum North Caribou River

North Caribou R.

o/b

o/b

0·114
2·4

2a

2a

2a

5c, py, po, si, ca

2a

5c, py, po, si, ca

2a

0·074
5·0

0·014
5·0

0·024
5·0

5c

5c

0·026
5·0

0·018
5·0

0·026
5·0

6c, po, py, se

5a

E.O.H. 567'

-100

-200

-300

-400

-500

For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 8+00 E

LOOKING WEST

D.D.H. No. RL-88-8

GEOCANEX LTD
TORONTO CANADA

BY: J.D. / R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 10

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

VLF EM Fraser Filtered
Inphase Profile (%)

7N 8N 9N 10N 11N 12N 13N 14N 15N

6 5 4 3 2 1 0

150 125 100 75 50 25 0

Mag.

VLF-Fraser Filter

RL-88-2 RL-88-1

VLF-N

VLF-A

RL-88-3

VLF-A

DATUM NORTH CARIBOU RIVER

o/b

Au, py, Ga bearing qv's

North Caribou River

2a,b

2b,5c

5c,2b

5c

5b

5a

5a,b

5b,1

0·024 3·6

0·040 0·9

0·014 3·5

0·020 1·3

0·091 1·1

0·024 4·7

0·022 3·1

0·010 2·7

py

LC

As, py

Intense deformation and/or alteration

1-1' qv, Ga, py

qv, po, py, cp

qv

Aspy

0·7' qv, py, Ga

Silicified zone

qv, py, po As, cp

0·020 3·7

lamprophyre

0·01 4·1

5a, b

Shear zone

E.O.H. 297'

E.O.H. 523·7'

E.O.H. 787'

-100 -200 -300 -400 -500

For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 20+00 E

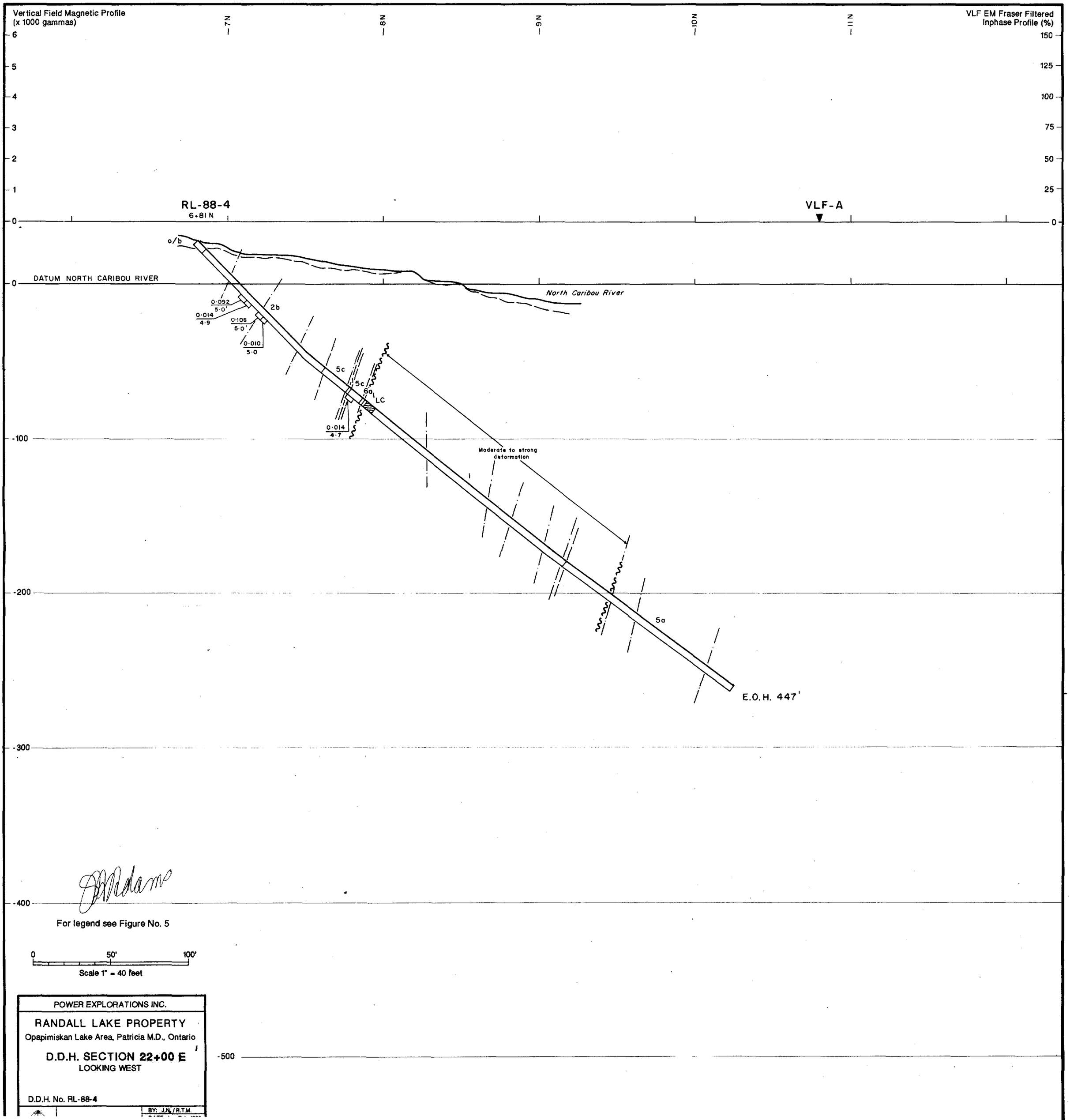
LOOKING WEST

D.D.H. No. RL-88- 1, 2 & 3

GEOCANEX LTD
TORONTO CANADA

BY: J.N. / R.T.M.
DATE: Jan.-Feb. 1988
SCALE: 1: 480
FIGURE No. 6

53B14SE0002 16 RANDALL LAKE



For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 22+00 E

LOOKING WEST

D.D.H. No. RL-88-4

BY: J.N. / R.T.M.

290

Vertical Field Magnetic Profile
(x 1000 gammas)

6
5
4
3
2
1
0

7 N | 8 N | 9 N | 10 N | 11 N | 12 N

VLF EM Fraser Filtered
Inphase Profile (%)

150
125
100
75
50
25
0

Mag.

VLF - Fraser Filter

RL-88-5

7+27 N

o/b

DATUM NORTH CARIBOU RIVER

2b

North Caribou River

o/b

VLF - A

1

2a

1

Moderate to intense deformation & alteration

lamprophyre

1

5a

E.O.H. 437'

-100

-200

-300

-400

-500

For legend see Figure No. 5

0 50' 100'

Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 24+00 E
LOOKING WEST

D.D.H. No. RL-88-5

BY: J.N. / R.T.M.

300

53B14SE0002 16 RANDALL LAKE

Vertical Field Magnetic Profile
(x 1000 gammas)

6
5
4
3
2
1
0

7N | 8N | 9N | 10N | 11N

VLF EM Fraser Filte
Inphase Profile

Mag.

VLF- Fraser Filter

RL-88-7 RL-88-6

o/b

2a,b

Au, Ga, py, po, cp bearing q.v.

North Caribou River

VLF-A

DATUM NORTH CARIBOU RIVER

0·014
2·5

1

2a,b

2a,b

Intense deformation

3b

6a

5b

0·020
5·0

1

3b

6c

5b

2a,b

5a

lamprophyre

2a

3b

6a,1
As

E.O.H. 447'

1

qtz, As, py stringer

5a

E.O.H. 597'

-100
-200
-300
-400
-500

For legend see Figure No. 5

0 50' 100'
Scale 1" = 40 feet

POWER EXPLORATIONS INC.

RANDALL LAKE PROPERTY

Opapimiskan Lake Area, Patricia M.D., Ontario

D.D.H. SECTION 26+00 E
LOOKING WEST

D.D.H. No. RL-88-6 & 7

BY: J.N. / R.T.M.

310