520/11SW-0041

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DURATION MINES LTD.

Report on Dougie Lake Claim Group, Pickle Lake Ontario

August 8, 1986

Prepared By

WILLIAM HILL MINING CONSULTANTS LIMITED
Suite 704, 80 Richmond Street West,
Toronto, Ontario, M5H 2C7

(416) 362-1474

TABLE OF CONTE

APPENDICES

INTRODUCTION

The Pickle Lake area has been the focus of intense exploration activity since the discovery of Dome Mines' Dona Lake deposit, and more recently St. Joes' Golden Patricia discovery.

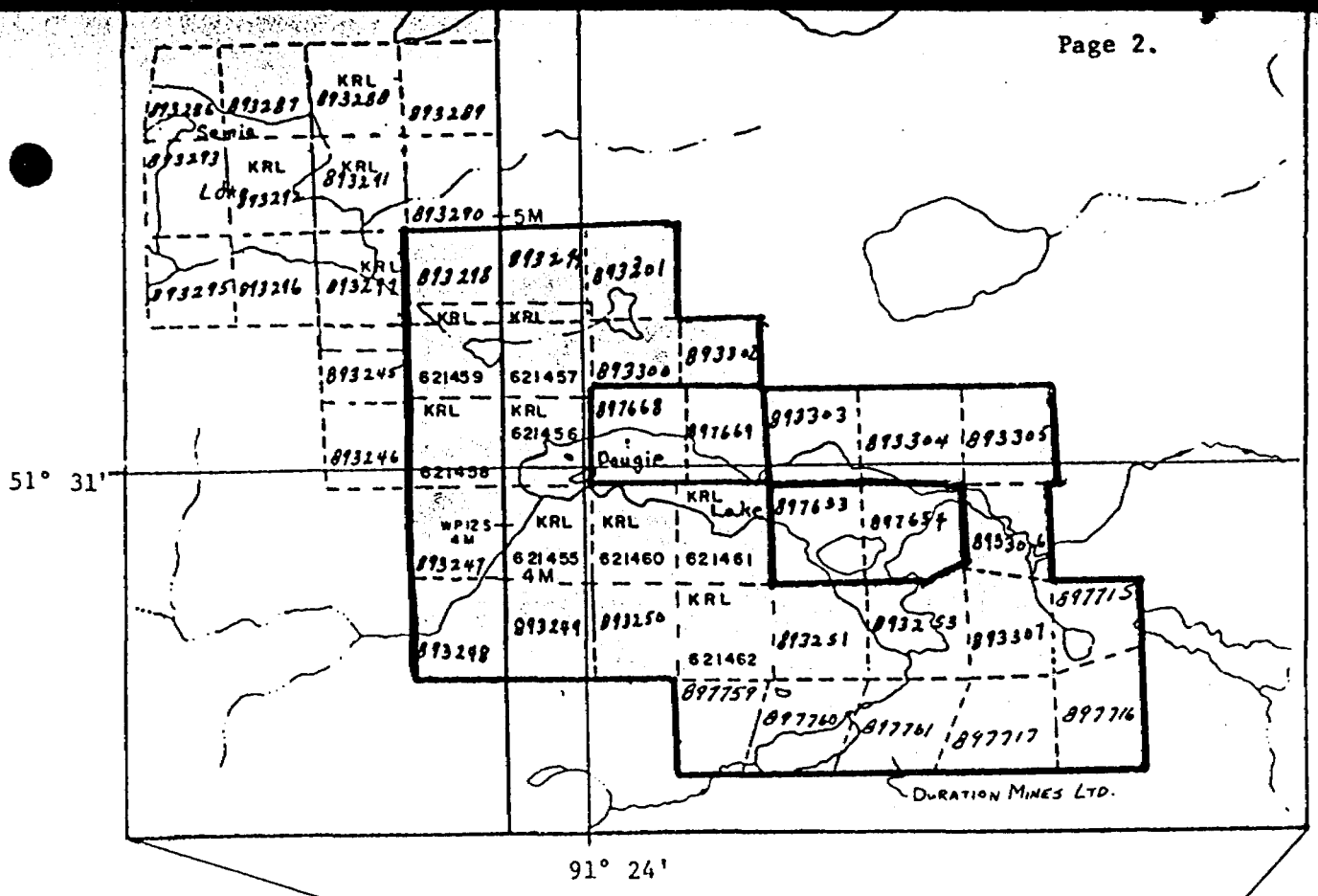
At the request of Duration Mines Ltd., William Hill Mining Consultants Limited undertook an exploration program from May 31 to June 23, 1986 which consisted of geological mapping, VLF-EM and magnetic surveys to outline possible gold bearing horizons using the Dona Lake and Golden Patricia models.

LOCATION AND ACCESS

The original Dougie Lake claim group (KRL 621455 - 621462) found on the McVicar Lake Claim Sheet is located 80 km. west of Pickle Lake, and 110 km. east of Red Lake in the Red Lake Mining Division. At present, it is only accessible by float equipped aircraft, which can be chartered from either town (see Claim and Location Map).

WORK HISTORY

Pickle Patricia Explorers Ltd. and Kenlew Mines Ltd. were the first companies to record exploration work in the area. During 1960 - 1962, they mapped the geology of the area, performed trenching (12 trenches all totalled, ranging in length from 6 ft. to 160 ft.) and drilled 4 holes totalling 2,244 ft. The results of their work showed gold in DDH KL-4 of .05 oz. Au/ton over 36" from a zone on a small island at the west end of Dougie Lake plus a large gold bearing piece of float located in a small bay on the south shore of the lake which assayed up to 4 oz. Au/ton.


KRL
893288
893287
893289
Semia
893293
KRL
KRL
893291
Lake
893292
893290 - 5M
893295
893296
893294
893218
893201
KRL
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893202
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Dougie
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Lake
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897694
893306
893247
621455
4M
621460
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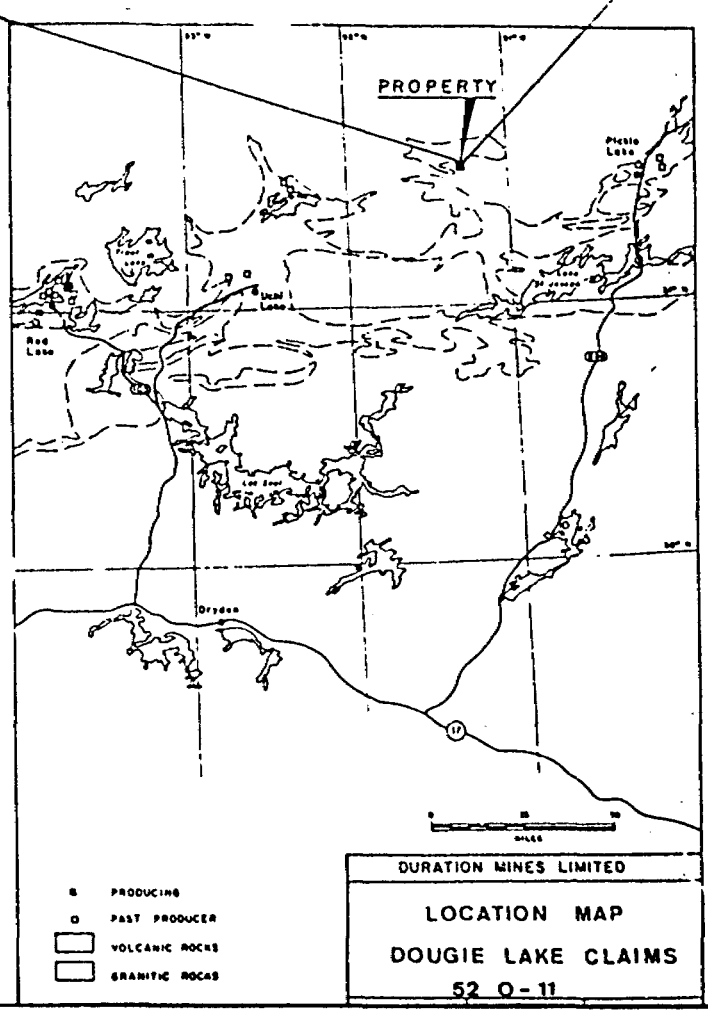
DURATION MINES LTD.
51° 31'
91° 24'


PROPERTY
Dryden
DURATION MINES LIMITED
LOCATION MAP
DOUGIE LAKE CLAIMS
52 O - 11
PRODUCING
PAST PRODUCER
VOLCANIC ROCKS
GRANITIC ROCKS

From 1978 to 1981, Cominco performed an extensive regional reconnaissance project throughout the area. They did an airborne magnetics survey, followed by ground magnetics, horizontal loop EM, and gravity surveys. They drilled one hole, 103 meters in length on the south-east shore of Semia Lake. Assay results indicate the target was base metals. They did not assay for gold.

In 1984 Durations Mines Ltd., in joint venture with Wilshire Energy Resources Ltd. acquired this ground based on a gold showing listed on the ODM Map 2218, and performed reconnaissance geological mapping, VLF-EM and magnetic surveys.

PRESENT SURVEY

Early in May, 1986, 23 additional claims were staked surrounding the initial 8 claim block, bringing the total to 31 claims (see Appendix A for all the claim numbers).

Two picketed grids were cut and chained in mid-May 1986 totalling 60 km. The lines on the Dougie Lake grid were cut at 100 meter intervals and picketed at 25 meter stations. South of Dougie Lake, the lines were cut at 50 meter intervals and picketed at 25 meter stations-referred to as the detailed grid. (See accompanying geology map, Appendix B). The Semia Lake grid lines were cut at 100 meter intervals and were picketed at 25 meter stations. A North-South Survey line was used for grid tie in and control. The survey post WP 12S 4m. found on the McVicar Lake Claim Sheet was used to initiate both grids. The Dougie Lake grid base line, BL-0 was cut at 115°, with all of the cross lines cut at 025°. The Semia Lake grid Base Line, BL-2N, was cut at 130°, with cross lines cut at 040°. Work done includes geological mapping, VLF, and magnetic surveys.

REGIONAL GEOLOGY

According to OGS report 207, The Geology of the Cat Lake - Pickle Lake Area by R.P. Sage and F.W. Breaks (1982), the Dougie Lake claim block area is underlain by a package of northwest-southeast trending felsic to intermediate metavolcanics, including minor pyroclastic rocks.

PROPERTY GEOLOGY

Three mappable units were found on the Dougie Lake claim group. These units consist of: an intermediate volcanic unit, a felsic crystal tuff unit, and a magnetite iron formation unit. The general strike of the area is 120°-115° with dips vertical to steep south.

The intermediate volcanic unit is composed of interbedded pillowed and massive flows, tuffs and minor agglomerates. The flows, and matrix of the pyroclastic units are commonly medium to dark green in colour, fine-grained, and weakly to moderately silicified with generally trace to nil sulphides and plus or minus carbonates. Thicknesses and extent of individual flows and pyroclastic units are indeterminant, however, several contacts were uncovered between each unit, but could only be traced for a couple of meters. The pyroclastic units are distinguishable by the presence of lapilli, and in some cases, feldspar crystals up to 40% in content. Larger bombs are also present within these units up to 30 cm in length, but are not in great abundance. Shearing is quite common throughout the unit and sometimes contains quartz veinlets and/or stringers with locally up to 5% sulphides in the form of disseminated pyrite and pyrite stringers. A total of 15 intermediate volcanic rock samples were collected from various locations on the property, mostly from shear zones. The majority of samples returned background levels of 5 ppb or less, with only one sample

being anomalous. This sample returned a 170 ppb value from a 1-10cm wide discontinuous quartz veinlet with a 2mm band of pyrite along the north edge.

The felsic crystal tuff unit (3t) found south of the intermediate unit, is characterized by abundant white feldspar crystals up to one cm or so in size ranging in content from 20% - 40%. Sparce quartz eyes are also present up to a few millimeters in size. The matrix is generally fine grained, moderately to well foliated, dark grey-green and well silicified with trace euhedral pyrite. The appearance of this unit on an outcrop scale is usually massive to weakly foliated and tuffaceous.

Shearing is not as common in this unit, but quartz stringers infilling fractures are. These stringers are in the order of a centimeter in width and are barren of sulphides. One sample was taken within this unit from a 30 cm wide quartz vein within a shear zone and analyzed <5 ppb gold.

The contact between the felsic crystal tuff unit and the intermediate volcanic unit was uncovered at three separate locations on the claim group. One was on line 17+00E, 1+10S; one was 20m east of line 2+00W 2+75N; and one was on line 3+00W 2+75N. These areas are all similar in characteristics in that the zones are sheared and contain milky white to grey quartz veins up to ½ a meter in width. Locally, sulphides (pyrite) are as much as 3% but are generally trace, fine grained disseminations. The quartz is quite often very strained giving it a well laminated appearance. A total of 25 samples were collected from all three zones with a single analysis of 30 ppb Au being the highest result. Generally the samples analyzed 5 ppb Au or less.

Magnetite iron formations are found through the northern part of the eastern detailed grid and in some cases found just to the south of the lake. These units, where uncovered, appear to be a metre or so in thickness of banded magnetite with minor chert (as found on line 8+00E 2+20N), or as banded magnetite chert units and brecciated magnetite chert units (as found around line 13+00E 4+10N) with quartz stringers and lenses with up to 2% disseminated pyrite. These units appear to be conformable with stratigraphy. A total of 10 samples were taken from these units. The banded magnetite units returned results of 10 ppb and <5 ppb Au, while the brecciated unit returned results ranging from <5 ppb to 280 ppb Au.

In the early 1960's, Kenlew Mines discovered a mineralized shear zone carrying gold values of up to 2 oz. Au/ton on a small island in the west end of Dougie Lake. They had blasted two trenches, but only one cut the zone. The other never hit bedrock. The old trench which cut the zone was very rotten and full of blocky debris. Digging and cleaning revealed approximately a 1½ metre rusty shear zone trending 120° ±5° in intermediate volcanic host rocks. The wall rocks in the shear zone are rusty chlorite sericite schists with trace amounts of carbonate. A quartz vein of indeterminant thickness cuts through the zone, and is massive to moderately laminated, milky white with minor fine-grained pyrite disseminations. A pyritic zone roughly 30 or 40 cm. in thickness was found on the north edge in contact with the quartz. It was composed of massive pyrite. A total of 6 samples were taken from the zone, and analyzed between 15 ppb and 290 ppb Au. Abundant quartz float was found on both sides of the island. Three samples were collected of this float, two from the west shore and one from the east. The east shore sample analyzed 65 ppb Au, while the west shore samples analyzed 70 ppb and 1095 ppb Au.

All geology and assay results are plotted on the accompanying maps at a scale of 1:2,000 (see Appendix B).

VLF SURVEY

A Geonics EM-16 was the instrument used for the VLF EM survey. This instrument measures the in-phase and quadrature responses of the vertical magnetic field as a percentage of the total magnetic field. The resolution of the instrument is ±1%. All readings were taken facing north at 5 meter intervals over the Dougie Lake grid and at 12½ meter intervals on the Semia Lake grid. Cutler, Maine (NAA, 24.0 kHz.) was the station used. All results are plotted on the accompanying maps at a scale of 1:2,000 (see Appendix C).

RESULTS

A total of eight separate conductors have been identified. See discussion of results for a complete interpretation in conjunction with the geology and magnetic results.

MAGNETOMETER SURVEY

A Scintrex MF 2-100 Fluxgate magnetometer was used. This instrument reads the vertical field component of earths magnetic field and has a greater reading range than a proton magnetometer. All readings were taken at 5 meter intervals on the Dougie Lake grid and at 12½ meter intervals on the Semia Lake grid. Diurnal corrections were done by doubling back from line to line.

All results are plotted at a base of 51,000 gammas on the accompanying maps at a scale of 1:2,000 (see Appendix D).

RESULTS

See discussion of results for an interpretation in conjunction with geology and VLF results.

DISCUSSION OF RESULTS

Geological and geophysical data show iron formation trends going between Lines 3+00E and 12+00E around 2+00N (VLF conductors 1, 1A) and between Lines 4+50E and 13+50E around 4+00N (VLF conductor 4). The geophysics suggests that there are several bands of magnetic and sulphidic iron formations in association with VLF conductors 1 and 1A. Unfortunately only magnetite-rich iron formations were observed where the zone could be exposed. The cause of conductors 1 and 1A in conjunction with magnetic lows could not be visually determined because of overburden cover. However conductor 1 is on trend with the zone found on the small island. Since this zone has anomalous gold values, the rest of the 1 and 1A conductive trend remains very prospective for gold mineralization. Conductor 1 appears to die out going toward the Semia Lake grid, however conductor 1A skirts the edge of a linear outcrop ridge, just to the North of the contact between the intermediate and felsic crystal tuff units. This conductor is also in association with a magnetic high, trending in a similar fashion. Cominco drilled this horizon on the east shore of Semia Lake and found magnetite chert iron formation with minor pyrrhotite. Since Cominco never assayed for gold, this entire trend still remains prospective.

The contact zone between the intermediate volcanics and the felsic crystal tuff came up flat on both geophysical surveys. Surface sampling also returned disappointing results. Because of the nature of the contact zone, plus very limited exposure of the entire zone, this horizon still remains prospective to possible gold mineralization.

VLF conductor 2 trends along BL-0 between Lines 11+00E and Lines 17+00E and has sporatic magnetic highs and lows associated with the trend. A small pit was blasted at Line 16+00E and BL-0, and a shear zone roughly 30 cm. (as exposed) was found with a 2-3 cm. wide band of pyrite and pyrrhotite(?) It was difficult to determine the exact nature of the sulphides because the zone was so rotten from oxidization. The conductive trend is probably due to pyrrhotite and pyrite throughout the shear zone. Even though sampling results were <5 ppb the zone still remains prospective for gold.

Conductors 3 and 5 were located within a swamp, so they could be swamp related, or could be from mineralized shear zones within the felsic crystal tuff unit.

Conductors 6, 7 and 8 are limited in extent and are associated with magnetic features, so are probably due to pyrrhotite and pyrite within a narrow shear zone.

No visual evidence could be found for conductors 3, 5, 6, 7 and 8 because of overburden cover.

/10.

CONCLUSIONS AND RECOMMENDATIONS

From the geological and geophysical evidence, conductor 1 and 1A trending through the small island have a high potential for gold mineralization in association with possible sulphide facies of the iron formation. It is recommended that a series of 2 or 3 holes be drilled along the trend of conductors 1 and 1A in the area of lines 5+00E to 7+00E. A winter drill program would be necessary to test the conductive trend off of each side of the small island. A winter geophysics program could be useful in delineating the conductive trend through the lake, and aiding in proper drill hole placement.

This conductive trend extending onto the Semia Lake grid should also be explored by 2 or 3 short diamond drill holes in the vicinity of Semia Lake.

The contact between the felsic crystal tuff and the intermediate volcanic unit remains a good potential for gold mineralization, despite disappointing sample results. A series of 3 or 4 short holes should be drilled along its predicted trend over both grids. All holes could adequately test conductor 2 as well as the contact zone on the Dougie Lake grid due to the proximity of one to the other over their respective trends.

/11.

A single short drill hole should be done on conductor 4 in the vicinity of the anomalous samples in order to determine the gold potential of the brecciated magnetite-chert horizon.

Respectfully submitted,

Mark Patell

for

Bradley Leonard
WILLIAM HILL MINING CONSULTANTS LIMITED

August 8, 1986.
Toronto, Ontario.

APPENDIX A

Claims owned 50-50 by Duration Mines Ltd. and Wilshire Energy Resources Inc.

621455-621462	Total	8 Claims

Claims owned 100% by Duration Mines Ltd.

893247-251		5 Claims
893253		1 Claim
893298-307		10 Claims
897759-761		3 Claims
897715-717		3 Claims
	Total	22 Claims

HOLDERS OF THE PROPERTY

DURATION MINES LTD.
Suite 704
80 Richmond Street West
Toronto, Ontario
M5H 2C7

Wilshire Energy Resources Inc.
Suite 1420
250 - 6th Avenue S.W.
Calgary, Alberta
T2P 3H7

APPENDIX E

SAMPLE DATA
DOUGIE LAKE - SEMIA LAKE

Sample No.	Location	Au p.p.b.	Description
9201	L17E/1+105	<5	Grab of quartz vein and sheared wallrock.
9202	L17E/1+105	<5	18 cm chip of sheared (mafic) wallrock with minor quartz lenses (N. contact).
9203	L17E/1+105	<5	20 cm chip across 2 quartz veins (5 + 11cm) + sheared mafic wallrock (4 cm).
9204	L17E/1+105	<5	20 cm chip across quartz lenses and veinlets and sheared wallrock.
9205	L17E/1+105	<5	18 cm chip across felsic wallrock and minor amounts of quartz.
9206	L17E/1+105	<5	Grab of quartz lenses within sheared mafics.
9207	L17E/1+105	<5	25 cm chip of just quartz veins -(S contact in felsic).
9208	L17E/1+105	<5	23 cm chip of just quartz lenses and veins.

Sample No.	Location	Au p.p.b.	Description
9109	L17E/1+105	<5	10 cm chip over contact (felsic) zone.
9210	L17E/1+105	<5	Grab of quartz lens.
9211	L17E/1+105	<5	20 cm chip across N part of zone.
9212	L17E/1+105	<5	20 cm chip across central part of zone.
9213	L17E/1+105	<5	20 cm chip across S part of zone.
9214	L17E/1+105	<5	Grab of 5 cm quartz vein.
9215	L17E/1+105	<5	Grab of 50 cm quartz vein.
9216	L17E/1+105	<5	40 cm chip over S of zone.
9217	L17E/1+105	<5	60 cm chip over N of zone quartz.
9218	L17E/1+105	<5	40 cm chip across contact with quartz lens.
9219	shear on small island	25	Grab of pyritic zone in chl-ser-carb schist.
9220	shear on small island	15	Grab of sheared host (i.e. Chl-ser-car-schist)

9221	shear on small island	95	Grab of quartz and ser-chl carb. schist.
9222	shear on small island	85	Grab of quartz veins/lenses (well oxidized).
9223	shear on island	290	Grab of quartz veins/lenses (well small oxidized.
9224	shear on small island	40	Grab of pyritic (?) schisty zone.
9225	shear on island	65	Grab of quartz float (E. side of small island.
9226	L725E/4+605	5	50 cm chips over felsic chert or tuff with quartz.
9227	L8E/207N	5	15-20 cm mag-chert band (sandwiched between 2 x 50 cm mag. bands).
9228	930E/29N	5	1 m chip over carb-chl-shear (almost cherty).
9229	small island	70	Qtz. float from W side of small island.
9230	small island	1095	Qtz. float from W side of small island.
9231	930E/290-300N	10	3- cm chip over shear (chl) in int. flow (contact?).

9232	L165E/	5	Oxidized/rotted zone (py + qtz + chl schist).
9233	L165E/	5	Oxidized/rotted zone (py + qtz + chl schist).
9234	L542E/1+58N	5	50 - 70 cm shear (oxidized carb-chl schist ± sil + tr py).
9235	L10+60E/240N	5	Grab of schist crystal tuff with lenses of sulphide (py, po) found lying loose on moss near trench (from trench?).
9236	L1315E/410N	190	40 cm chip of chert and quartz.
9237	L1315E/410N	5	45 cm chip of chert and quartz.
9238	L1315E/410N	130	40 cm chip of chert and quartz.
9239	L1315E/410N	5	25 cm chip of mag, chert and quartz.
9240	L1315E/410N	280	30 cm chip of chert and quartz.
9241	L1315E/410N	5	15 cm select ship of mainly mag. and mafic wallrock.
9242	L1315E/410N	10	45 cm chip of chert, quartz mag & mafic (actinolite).

ill & Company Ltd.
enorck Rd.,
wa, Ontario,
anada K1J 8X5
Phone: (613) 749-
Telex: 053-3233

BONDAR-CLEGG

Geochemical
Lab Report

REPORT: 016-2111 | PROJECT: NONE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
9201		<5
9202		5
9203		<5
9204		<5
9205		<5
9206		<5
9207		15
9208		<5
9209		<5
9210		<5
9211		<5
9212		<5
9213		<5
9214		<5
9215		<5
9216		<5
9217		<5
9218		<5
9219		25
9220		15
9221		95
9222		85
9223		290
9224		40
9225		65
9226		<5
9227		<5
9228		<5
9229		70
9230		1095

BONDAR-CLEGG

Geochemical Lab Report

PORT: 616-2265 | PROJECT: NONE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB
9231			10	9271		<0.1	5
9232			<5	9272		<0.1	<5
9233			5	9273		<0.1	<5
9234			<5	9274		<0.1	<5
9235			<5	9275		<0.1	<5
9236			190				
9237			5				
9238			130				
9239			<5				
9240			280				
9241			<5				
9242			10				
9243			<5				
9244			10				
9245			<5				
9246			15				
9247			5				
9248			<5				
9249			<5				
9250			5				
9251			170				
9252			<5				
9253			<5				
9254			<5				
9255			<5				
9256			30				
9257			10				
9258		<0.1	<5				
9259		<0.1	<5				
9260		<0.1	<5				
9261		<0.1	<5				
9262		<0.1	<5				
9263		<0.1	15				
9264		<0.1	<5				
9265		<0.1	<5				
9266		<0.1	70				
9267		<0.1	<5				
9268		<0.1	35				
9269		<0.1	<5				
9270		<0.1	5				

DOUGIE L.

APPENDIX F

APPENDIX G

Persons conducting survey.

M. Patell (Geologist)
1691 Pinehill Drive
Peterborough, Ontario
K9J 7G3

B. Leonard (Geologist)
641 Mortimer Avenue
Toronto, Ontario
M4C 2J9

APPENDIX H

Qualifications

I Bradley Leonard of 641 Mortimer Avenue, Toronto, Ontario do hereby swear that:

1. I am a graduate from the University of Toronto in 1983 with an honours B.Sc. in Geology.

2. I have been intermittently employed as a geologist for 7 years.

3. I was present on the property at the time the surveys were conducted.

4. I have no interest, direct or indirect in the property described herein.

Ministry of Northern Development and Mines

Ontario

Geol Tech

52011SW0029 52011SW0041 MCVICAR LAKE

900

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOLOGY, VLF-EM, MAGNETICS

Township or Area MEEN LAKE

Claim Holder(s) DURATION MINES LTD and
WILSHIRE ENERGY RESOURCES LTD

Survey Company WILLIAM HILL MINING CONSULTANTS

Author of Report M. PATELL

Address of Author 704-80 Richmond St. W. Toronto, Ontario

Covering Dates of Survey 25/06/86 to 05/07/86
(linecutting to office)

Total Miles of Line Cut 15 miles

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	20
–Magnetometer	20
–Radiometric	
–Other	
Geological	20
Geochemical	

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

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

DATE: Oct 6/86 SIGNATURE: Mark Patell
Author of Report or Agent

Res. Geol. _____ Qualifications 29564

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
KRL	621454
KRL	621453
KRL	621452
KRL	621451
KRL	621450
KRL	621449

TOTAL CLAIMS 6

If space insufficient, attach list

OFFICE USE ONLY

837 (85/12)

APPENDIX I

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 644 Number of Readings Approx. 2798

Station interval 25 m Line spacing 50 m

Profile scale 1:2000

Contour interval

MAGNETIC

Instrument Scintrex MF2-100 Fluxgate magnetometer

Accuracy – Scale constant Standard

Diurnal correction method double-back

Base Station check-in interval (hours) 2-3 hrs

Base Station location and value Baseline 50,000 gammas

ELECTROMAGNETIC

Instrument Geonics EM-16

Coil configuration Horizontal Loop

Coil separation Standard

Accuracy +/- 0.1%

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

Frequency 24 Khz NAA Cutler, Maine
(specify V.L.F. station)

Parameters measured In Phase/ Quadrature

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 621449-621454 (incl.)

Total Number of Samples 42

Type of Sample rock chip
(Nature of Material)

Average Sample Weight

Method of Collection

Soil Horizon Sampled

Horizon Development

Sample Depth

Terrain

Drainage Development

Estimated Range of Overburden Thickness

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

Mesh size of fraction used for analysis
-200 mesh

General Standard commercial analytical procedures

ANALYTICAL METHODS

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

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

Others Au

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

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

Commercial Laboratory (42 tests)
Name of Laboratory Bondar-Clegg
Extraction Method Aqua Regia
Analytical Method Fire and Atomic Absorption
Reagents Used

General See Assay Results, Appendix G

September 19, 1986

Mr. Brad Leonard
Duration Mines Limited
704-80 Richmond Street
Toronto, Ontario
M5H 2C7

Dear Mr. Leonard:

This letter is to confirm that the following invoices and corresponding analytical reports were issued to Duration Mines Limited in 1986 and that Bondar-Clegg & Company Ltd. has received the amount of $1,115.15 as full payment.

The invoices and reports are:

	Report No.	Invoice No.	Amount
Dougie Lake -	016-2111	0117933	$ 300.00
Dougie Lake -	016-2265	0118148	515.15
Meen Lake -	016-2410	0118228	300.00
		Total amount	$1,115.15

If you have any questions with regard to any of these invoices or reports, please contact me.

Yours truly,

W. Wong
Branch Manager
Bondar-Clegg & Company Ltd.

WW/yl

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
Canada K1J 8X5
Phone: (613) 749-2220
Telex: 053-3233 BONCO GLO

ANALYTICAL COST BREAKDOWN

DOUGIE LAKE

75 samples - Bondar Clegg - Au analyses (18 Ag analyses) = $ 815.15

APPENDIX I

STOUGHTON LAKE

McVicar Lake

52ϕ/11SW

AREA OF McVICAR LAKE

M-2741

SCALE: ONE INCH = 40 CHAINS

40 CHAINS

51°30'

91°30'

29' 28' 27' 26' 25' 24' 23' 22' 21' 20'

MEEN LAKE G-2122

Ontario Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

794-56

Instructions
- For each type of mining claims traversed enter work days credits in appropriate space on this form. If insufficient space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey(s)
GEOLOGY, VLF-EM, MAGNETICS

Township or Area
McVicar Lake

Claim Holder(s)
Duration Mines Ltd., Wilshire Energy Resources Inc.

Prospector's Licence No.
T1608; T1482

Address
Suite 704, 80 Richmond St. W.; 1420-250 6th Ave., S.W. Calgary, Alberta. T2P 3H7

Survey Company
William Hill Mining Consultants Limited

Date of Survey (from & to) Day 01 Mo. 06 Yr. 86 / Day 24 Mo. 06 Yr. 86

Total Miles of line Cut
60 km/37 miles

Name and Address of Author (of Geo-Technical report)
Brad Leonard Suite 704, 80 Richmond St. W., Toronto, Ontario. M5H 2C7

Credits Requested per Each Claim in Columns at right

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

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

RECEIVED NOV 28 1986 RED LAKE MINING DIV.

Airborne Credits		Days per Claim
1ST RECD Oct 27/86	Electromagnetic	
Note: Special provisions credits do not apply to Airborne Surveys.	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed
Analytical

Performed on Claim(s)
621455, 621456, 621460, 621461, 893253

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$ 815.15	÷	15	=	54

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
KRL	621455	4
	621456	10
	621457	
	621458	
	621459	
	621460	10
	621461	10
	621462	
	893247	
	893248	
	893249	
	893250	
	893251	
	893253	20
	893298	
	893299	
	893300	
	893301	
	893302	
	893303	
	893304	
	893305	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
KRL	893306	
	893307	

RECEIVED DEC 18 1986 MINING LANDS SECTION

See Power of Work claim no. 1.

Total number of mining claims covered by this report of work. 24

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
1494	Nov. 28/86	
	Date Approved as Recorded	Branch Director

Date Nov. 18/86

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
David Green, Suite 704, 80 Richmond St. W., Toronto, Ontario. M5H 2C7

Date Certified
Nov. 18/86

Certified by (Signature)
David Green

1282 (85/12)

? AMENDED

Ministry of Northern Development and Mines

Report of Work

Geophysical, Geological, Geochemical and Expenditures

Mining Act

Instructions

Please type or print. If number of mining claims traversed exceeds space on this form, attach a list.

Note - Special provision credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.

3) Burkette

Type of Survey(s)
GEOLOGY, VLF-EM, MAGNETICS

Township or Area
McVicar Lake

Claim Holder(s)
Duration Mines Ltd., Wilshire Energy Resources Inc.

Prospector's Licence No.
T1608; T1482

Address
Suite 704, 80 Richmond St. W.; 1420-250 6th Ave., S.W. Calgary, Alberta. T2P 3H7

Survey Company
William Hill Mining Consultants Limited

Date of Survey (from & to) (Day / Mo. / Yr.)
01 06 86 to 24 06 86

Total Miles of line Cut
60 km/37 miles

Name and Address of Author (of Geo Technical report)
Brad Leonard Suite 704, 80 Richmond St. W., Toronto, Ontario. M5H 2C7

Credits Requested per Each Claim in Columns at right

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

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

RECEIVED NOV 28 1986 RED LAKE MINING DIV.

Airborne Credits		Days per Claim
1ST RECD OCT 27/86	Electromagnetic	
Note: Special provisions credits do not apply to Airborne Surveys.	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.
KRL	621455	4
	621456	10
	621457	
	621458	
	621459	
	621460	10
	621461	10
	621462	
	893247	
	893248	
	893249	
	893250	
	893251	
	893253	20
	893298	
	893299	
	893300	
	893301	
	893302	
	893303	
	893304	
	893305	

Prefix	Mining Claim Number	Expend Days Cr.
KRL	893306	
	893307	

RECEIVED
DEC 15 1986
MINING LANDS SECTION

See Previous Work Claims

Total number of mining claims covered by this report of work. 24

Expenditures (excludes power stripping)

Type of Work Performed
Analytical

Performed on Claim(s)
621455, 621456, 621460, 621461,
893253

Calculation of Expenditure Days Credits

Total Expenditures: $ 815.15 ÷ 15 = Total Days Credits: 54

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

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
1494	Nov 28/86	David Everett
	Date Approved as Recorded	Branch Director

Date: Nov. 18/86

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
David Green, Suite 704, 80 Richmond St. W., Toronto, Ontario. M5H 2C7

Date Certified: Nov. 18/86

Certified by (Signature): David Green

1262 (86/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

AMENDED

File 2.9565

Date January 15,1987

Mining Recorder's Report of Work No. 74-86

Recorded Holder: DURATION MINES LTD & WILSHIRE ENERGY RESOURCES INC

Township or Area: McVICAR LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	$815.15 SPENT ON ANALYSES OF SAMPLES TAKEN FROM MINING CLAIMS:
Electromagnetic ____ days	KRL 621455-56
Magnetometer ____ days	621458
Radiometric ____ days	621460-61
Induced polarization ____ days	897653-54
Other ____ days	897760-61
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	54 ASSESSMENT WORK DAYS ARE ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT.
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☐	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

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

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

828 (85/12)

Ontario Ministry of Northern Development and Mines

Technical Assessment Work Credits

AMENDED

File 2.9565

Date January 15,1987

Mining Recorder's Report of Work No. 74-86

Recorded Holder: DURATION MINES LTD & WILSHIRE ENERGY RESOURCES INC

Township or Area: McVICAR LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 15 days	KRL 621455 to 62 inclusive
Magnetometer 15 days	893247
Radiometric ____ days	893249 to 51 inclusive
Induced polarization ____ days	893253
Other ____ days	893298-99
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey

☒ insufficient technical data filed

KRL 893248
893300 to 07 inclusive

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

0228 (85/12)

Ontario Ministry of Northern Development and Mines

Technical Assessment Work Credits

AMENDED

File 2.9565

Date January15,1987

Mining Recorder's Report of Work No. 74-86

Recorded Holder: DURATION MINES LTD & WILSHIRE ENERGY RESOURCES INC

Township or Area: McVICAR LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	KRL 621455 to 62 inclusive 893247 to 51 inclusive 893253 893298 - 99
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 16 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

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

KRL 893300 to 07 inclusive

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

6208 (85/12)

May 20, 1987

Your File: 74-86
Our File: 2.9565

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

Dear Sir:

RE: Notice of Intent dated January 15, 1987
Data for Assaying and Geophysical (Electromagnetic & Magnetometer) Surveys on Mining Claims KRL 821455, et al, in the McVicar Lake Area

---

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

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

Yours sincerely,

Gary L. Weatherson, Manager
Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division

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

Telephone: (416) 965-4888

DK/mc
cc: Duration Mines Ltd
Suite 704
80 Richmond Street West
Toronto, Ontario
M5H 2C7
Attention: Brad Leonard

Resident Geologist
Sioux Lookout, Ontario

Encl.

Wilshire Energy Resources Inc
1420-250 6th Avenue S.W.
Calgary, Alberta
T2P 3H7

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

Mining Recorder
Red Lake, Ontario

87/05/13
87/05/13?
or 12?

Trevor: Roy Spooner says
TREVOR: RAY SPOONER SAYS

Certificate of Interest has
CERTIFICATE OF INTEREST HAS

been vacated. Order of
BEEN VACATED. ORDER OF

Commissioner dated May 1/87.
COMMISSIONER DATED MAY 1/87

Can / Can't final letter be
FINAL LETTER BE

sent out? Pls. call
SENT OUT? PLS. CALL

Roy.
RAY.

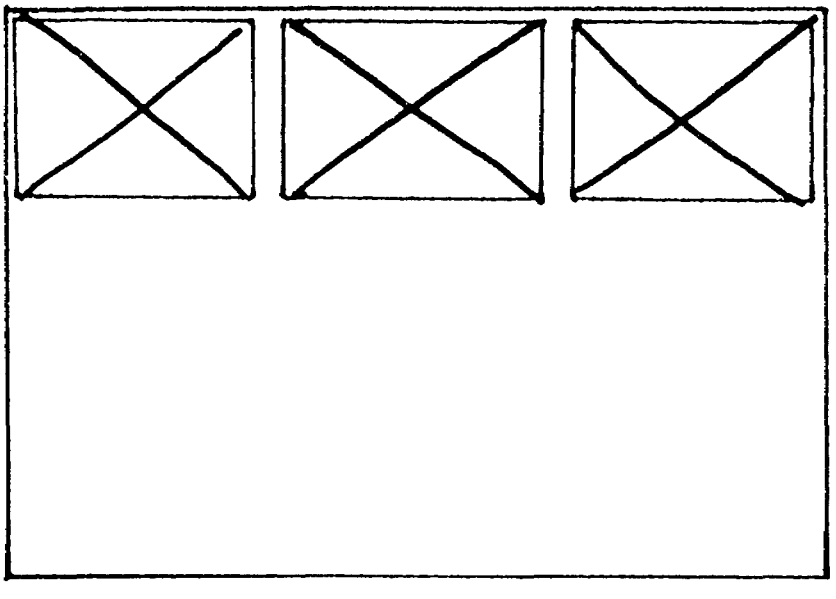
87/05/14

SEE ACCOMPANYING MAP(S) IDENTIFIED AS

520/11SW-0041 # 1-3

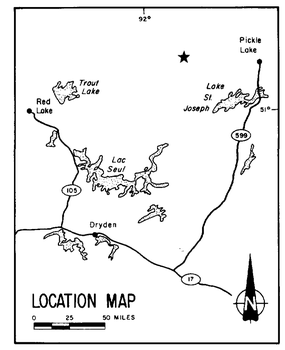
LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE

(X)



FOR ADDITIONAL INFORMATION SEE MAPS

520/115W-0041 # 4-6



SEMIA LAKE

CLAIM BOUNDARY

N-S SURVEY LINE

LAKE

FILING NOW FOR CLAIMS EXTENSION

2N BASELINE

DOUGIE BASELINE

L14W L13W L12W L11W L10W L9W L8W L7W L6W L5W L4W L3W L2W L1E

1N 2N 3N 4N 5N 6N 7N 8N 9N

LEGEND

LITHOLOGY

5	5	Quartz feldspar porphyry intrusive
3	3t	Felsic feldspar crystal tuff ± quartz crystals
2	2t	Intermediate tuff - fine to medium grained - weakly foliated to well foliated
	2x	Intermediate feldspar crystal tuff - feldspar crystals ranging in size upto 1cm in length - amount varying from 10-40% weakly to well foliated

ABBREVIATIONS

o/b	Overburden	QV	Quartz vein
o/c	Outcrop		

SYMBOLS

- Shearing
- 110 — Foliation direction with dip
- X 9275 — Sample location and number
- Claim post and line
- Geological contact
- Skeg/light swamp
- Open marsh
- Alder swamp

50 0 50 100 150 200 METERS

29565

52Ø/11SW-0041, #1

B. Leonard

DURATION MINES LTD.
(Duration Resources Inc., U.S.A.)

SEMIA LAKE

GEOLOGY

Prepared by B. Leonard and M. Patell

DATE: June 1986
SCALE: 1 : 2,000
DRAWN BY: m.j jamshedji
DWG. No

200

52011SW0029 52011SW0041 MCVICAR LAKE

DOUGIE

FILING NOW RE CLAIMS EXTENSION

LAKE

600N
500N
400N
300N
200N
100N
BASELINE
100S
200S
300S
400S
500S
600S
2N BASELINE
SEMIA BASELINE
L4W
L3W
L2W
L0+00
L1+00E
L2+00E
L3+00E
L4+00E
L5+00E
L6+00E
L7+00E
L8+00E
L9+00E
L10+00E
L11+00E
L12+00E
L13+00E
L14+00E

1-621456
2-621457
3-893300
1-621458
2-621459
3-621457
4-621456
1-893247
2-621456
3-621455
4-621455
1-893248
2-893247
3-621455
4-893249
2-621455
3-621460
1-893249
4-893250
1-893250
2-621460
3-621461
4-621462
2-893248
3-893249
2-893249
3-893250
1-621455
2-621456
4-621460
3-897668
2-621459
3-621458
4-621457
1-621461
4-621461
3-897739
3-621462
2-893250
4-893251
3-621462
2-621461
3-897751
4-897759
2-897760
2-621462
WP 250'S 2-897669
WP 250'S 4-897653
WP 150'N 4-621460 4-621461
WP 375'N 400'N

KL-1
KL-2
KL-4

9229-30 10-1092
9219-24 - 23, 15, 95 85, 290, 40
9225 <5
9266-35 QV
9267- <5 plus sil just to N
9268- <5
9269- <5
9266 <5
9265 <5
9234 <5
9228 <5
9227 <5
9244 -10
9231 -10
9258 - <5
9235 - <5
9226 <5

PIT
CAMP
Au
Angular Au bearing quartz vn with QV, tr Po
Cominco Horizontal Loop
Spruce
o/b
ridge
filled

carb-chl sch + sil. 20cm 2F
2P/2I (1m wide) 75-80 weak to well stretched pillows
2P/2I (1m wide) 105 50-70cm
bo, si, cb 2I, 2P, 2F
2F 2I cb, si
2I/2F
2F 2I
2P 2I
2P/2I
2I/2P
3t 80 mod to strong foln 3-5% gdt/dkdts (<1cm clasts) occasional qtz bands
3t mod to weak foliation
3t Inc. in amt of FP phenos
3t 80
3t 105 85 75-80
3t 130
3t 120-123
3t Lr
3t ies 15-25% Q 75-85% (<5mm) 2-3% mst weak to mod. deform.
3t 20-30% Q 70-80% (<1cm) weak-moderate deformation
3t General trend to more felsic and less mafic and to less deformation (not always to lesser scale)
3t x3
3t x5
3t x10
3t x20
3t x30
3t x40
3t x50
3t x60
3t x70
3t x80
3t x90
3t x100
3t x120
3t x130
3t x140
3t x150
3t x160
3t x170
3t x180
3t x190
3t x200
3t x210
3t x220
3t x230
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3t x360
3t x370
3t x380
3t x390
3t x400
3t x410
3t x420
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3t x440
3t x450
3t x460
3t x470
3t x480
3t x490
3t x500
3t x510
3t x520
3t x530
3t x540
3t x550
3t x560
3t x570
3t x580
3t x590
3t x600
3t x610
3t x620
3t x630
3t x640
3t x650
3t x660
3t x670
3t x680
3t x690
3t x700
3t x710
3t x720
3t x730
3t x740
3t x750
3t x760
3t x770
3t x780
3t x790
3t x800
3t x810
3t x820
3t x830
3t x840
3t x850
3t x860
3t x870
3t x880
3t x890
3t x900
3t x910
3t x920
3t x930
3t x940
3t x950
3t x960
3t x970
3t x980
3t x990
3t x1000

LEGEND

LITHOLOGY

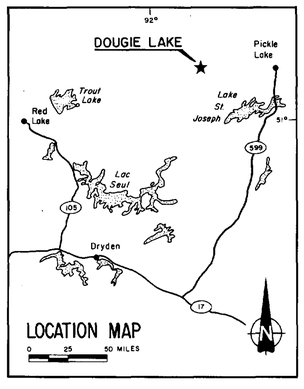
- 4c Cherty Iron Formation
- 4m Magnetite Iron Formation
- 3t Felsic Feldspar Crystal Tuff
- 2F Intermediate — fine to medium grained flow ± carbonate, massive to well foliated
- 2P Intermediate — pillowed flows, fine grained ± carbonate, massive to moderately foliated
- 2t Intermediate Tuff — fine to medium grained - weakly foliated to well foliated
- 2x Intermediate Feldspar Crystal Tuff — Feldspar Crystals ranging in size up to 1 cm in length — amount varying from 10-40% — weakly to well foliated

METAL AND MINERAL ABBREVIATIONS

Au	Gold	Po	Pyrrhotite
bo	Pyroclastics (Inter to felsic comp)	Py	Pyrite
Cb	Carbonate	QV	Quartz Vein
Chl	Chlorite	sil	Silicified
		Xt	Crystals (feldspar or quartz)

SYMBOLS

- Shearing
- Foliation direction, with dip
- Outcrop
- Sample number and assay (ppb)
- Claim post and line
- Swamp
- Dry swamp or muskeg
- Swamp boundary
- Trenches
- o/b Overburden
- Geological contact



N

259°

WP 250'S 2-897669 3-893303 WP 259'S
WP 250'S 4-897653 L10E/638N (LAKE)

DOUGIE LAKE

9266 70 sil.

21/2F

9265 <5

WP 150'N 1-621460 4-621461

2F/2I

2F

o/b

2F 2I bo,si cb

bo,si,cb 2I,2P,2F

CAMP

9228 <5

o/b filled 4m

60 4m 4

9227 <5

Cominco Horizontal Loop

85

2m (1-2m)

9244 10

2I,2P

9231 10

2I,2F

1-893250

3-621460 3-621461 4-621462

31

Au Angular Au bearing quartz float QV,HVS

9258 <5

KL-1

1-621461

WP 375'N 400'N

2P

9259-60 <5

2I xl 2P

H2O 140

2F/2I

Spruce

KL-2

o/b

2I/2P

9235 <5

35 125

2I xl

2I

2I/2P

o/b

9243 <5

2I bo - defd. <5cm long-clasts

9242-9236 2I bo

2I Bombs.?

9242 190
9241 5
9240 5
9239 130
9238 5
9237 280
9236 10

o/b H2O

2I

10-20 chl

L A K E

carb-chl schist 120-125% 70'N

9268 35 2I/2F

carb-chl schist + sil + qtz pods 10-20cm 1tr-1% py diss

bonded chert

9269 <5

2F

2F/2I

slaty

o/b

Spruce

2I/2F x 2F

2P

3-897633

4-893251

1-621462 2-621461

75-85

3-897759 4-897760 2-621462

3-897751 1-897759 2-621462

2-893250

Inc. in amt. of FP phenos.

31

trend felsic afic deformation (+/- scale)

o/b bridge

120-125

20-30% Q 70-80% F (<1cm) weak-moderate deformation

15-25% Q 75-85% F <3% maf (<5mm) weak to mod. deform.

20cm 30cm 75 120

1-897760 4-897761

2-893251 3-893253

2I xl felds <2cm

2I xl felds <5mm defd.

f grd 2I carb stringers

contact 120-125

o/b f grd carb stringers

2I-70-90 105-110 <50cm bombs

PIT

9261-64

9233 <5
9232 <5

9252 9253

9206 <5

9215 9216 9202 9208 9207 9201 9214 9213 9210 9211 9220

POND

35-50% white felds clasts

2I bo

2P/2I

2P Sl

2F,2I

2F,2I,2x

9251 170

(0 118°)

L 11+00E
L 12+00E
L 13+00E
L 14+00E
L 15+00E
L 16+00E
L 17+00E
L 18+00E
L 19+00E

2.9565

50 0 50 100
METRES

52Ø/11SW-0041, #2

DURATION MINES LTD.
(Duration Resources Inc., U.S.A.)

DOUGIE LAKE

GEOLOGY

Prepared by B. Leonard and M. Patell
June 1986

DATE: July 1986
SCALE: 1 : 2,000
DRAWN BY: m j jamshedji
DWG No:

B. Leonard

893299

29565

B. Arnold

52Ø/11SW-0041, #3

DURATION MINES LTD.
(Duration Resources Inc., U.S.A.)

SEMIA LAKE

VLF

DATE: June 1986
SCALE: 1 : 2,000
DRAWN BY: m j jamshedji
DWG No:

LAKE

600N

500N

400N

300N

200N

100N

2N BASELINE

SEMIA BASELINE

BASELINE

L4W

L3W

L2W

100S

200S

300S

400S

500S

600S

L0+00E

L1+00E

L2+00E

L3+00E

L4+00E

L5+00E

L6+00E

L7+00E

L8+00E

L9+00E

L10+00E

L11+00E

L12+00E

L13+00E

L14+00E

L15+00E

DOUGIE

1

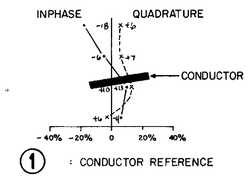
1A

2

3

5

LEGEND



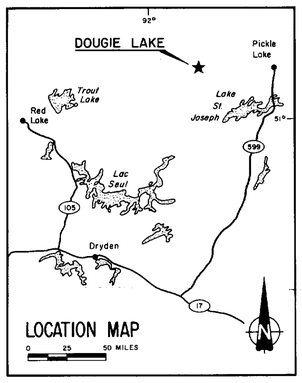
① : CONDUCTOR REFERENCE

INSTRUMENT : GEONICS EM-16

STATION : CUTLER, MAINE (NAA, 24.0 kHz)

DIRECTION : FACING NORTH

SCALE : 1cm = 20%



N

25°

115°

CUTLER, MAINE

WP 250'S 2-897669
WP 250'S 4-897693

3-893303 WP 259'S
L10E/638N (LAKE)

DOUGIE LAKE

WP 150'N
1-621480
4-621481

1-621481
WP 400'N

4-893250

4-893251

3-897693
1-621462
2-621463

3-897759
3-621462
2-893250

3-897761
4-897760
2-621462

1-897760
2-897761

3-893251
4-893253

POND

L 12+00E

L 13+00E

L 14+00E

L 15+00E

L 16+00E

L 17+00E

L 18+00E

L 19+00E

50 0 50 100
METRES

29565

52Ø/11SW-0041, #4

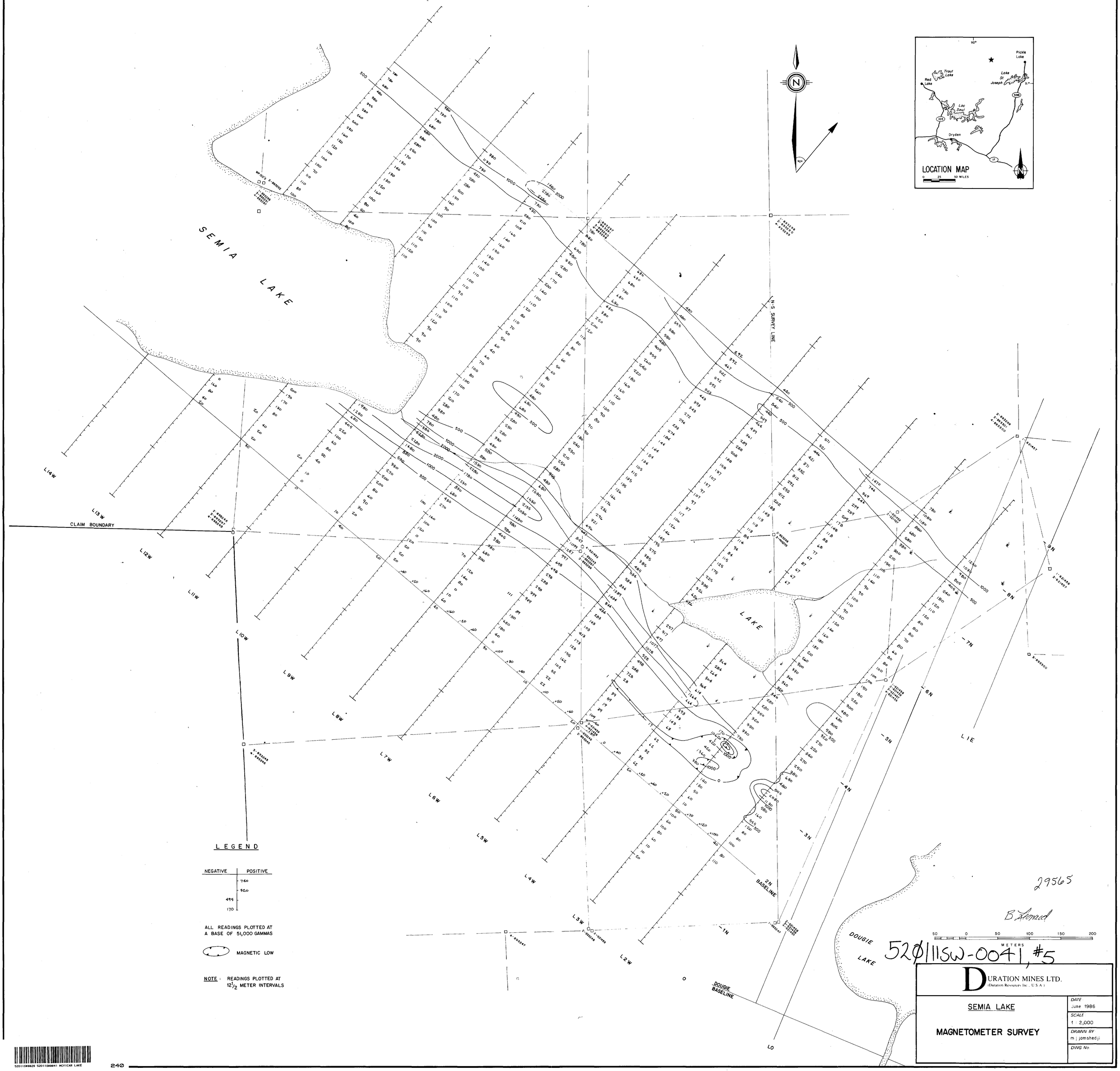
B. Leonard

DURATION MINES LTD.
(Duration Resources Inc., U.S.A.)

DOUGIE LAKE

VLF SURVEY

DATE: July 1986
SCALE: 1 : 2,000
DRAWN BY: m j jamshedji
DWG No:



DOUGIE

LAKE

600N

500N

400N

300N

200N

100N

2N BASELINE

SEMIA BASELINE

L 4W

L 3 W

L2W

BASELINE

100S

200S

300S

400S

500S

600S

L 0+00

L1+00E

L2+00E

L3+00E

L4+00E

L5+00E

L6+00E

L7+00E

L8+00E

L9+00E

L10+00E

L11+00E

L12+00E

L13+00E

L14+00E

L15+00E

1-621456
2-621457

3-893300

1-621458
2-621459
3-621457
4-621456

1-621455
2-621456
3-621460

1-621461 WP 400'N

WP 150'N
4-621460

WP 250'S 2-897669
WP 250'S 4-897653
3-893301 WP 250'S
LINE/638ft(LAKE)

1-893247
2-621458
3-621455
4-621455

1-893248
2-621457
3-893247
4-893249

2-893248
3-893249

2-893249
3-893250

2-893250
3-621462
4-897759

2-897759
3-897760
4-897761
2-621462

LEGEND

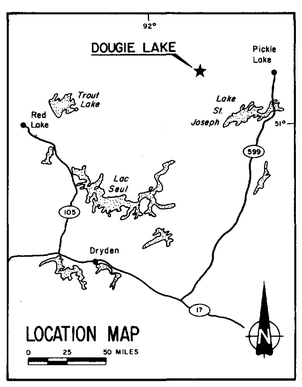
INSTRUMENT : SCINTREX MF2 - 100 FLUXGATE

ALL VALUES PLOTTED AT A BASE OF 50,000δ

NO BASE STATION USED

CONTOUR INTERVALS -

- 0
- 1000
- 5000
- 10,000
- 15,000
- 20,000
- 50,000
- 100,000



N

25°

WP 250'S 2-897669
WP 250'S 4-897653
3-893303 WP 259'S
L10E/638N(LAKE)

DOUGIE

WP 150'N
1-621460
4-621461

1-621461 WP 400'N

LAKE

POND

2-893250
3-621462
4-897759

3-897751
1-897759
4-897760
2-621462

1-897760
2-897761

2-893251
3-893253

L 11+00E
L 12+00E
L 13+00E
L 14+00E
L 15+00E
L 16+00E
L 17+00E
L 18+00E
L 19+00E

29565

50 0 50 100
METRES

52Ø/11SW-0041, #6

B. Leonard.

DURATION MINES LTD.
(Duration Resources Inc., U.S.A.)

DOUGIE LAKE

MAGNETOMETER SURVEY

DATE: July 1986
SCALE: 1 : 2,000
DRAWN BY: m j jamshedji
DWG No: