52Φ/115W-0048

LOAD: 16 mm

DD 31

DIAMOND DRILLING

Area: Mc Vicar Lake

Report No: 31

WORK PERFORMED FOR: Duration Mines Ltd.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
KRL 621460	DL-86-08	124.1m	Dec/86	(1)
TOTALS	1DH	124.1m		

NOTES: (1) #97-87(filed in Sept/87)

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

page 1 of 3

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. DL86-08 | Page No.

Drilling Company: Midwest		Collar Elevation	Bearing of hole from true North: 205° AZ	Total Footage: 124.1m	Dip of Hole at: Collar -45; 124.1 m -40; Ft.; Ft.; Ft.
Date Hole Started: Dec 14, 1986	Date Completed: Dec 15, 1986	Date Logged: Dec 15, 1986	Logged by: R. van Ingen		
Exploration Co., Owner or Opticnee: Duration Mines Ltd 704-90 RICHMOND ST W TORONTO, ONT		Date Submitted	Submitted by (Signature): R. van Ingen		

Address/Location where core stored: CORE SIZE: BQ

Map Reference No.: KRL 624160

Claim No.:

Location (Twp., Lot, Con. or Lat. and Long.): McVICAR L. AREA. L-6+50E, 2+80N DOUGIE L. GRID

Property Name: Dougie Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au (PPB)
0	3.0	Overburden								
3.0	17.4	"Silicified" Basalt	Phreato-magmatic fracturing and bleaching - Calcite ± chlorite and sometimes breccia fill the fractures - Intervening rock is dense, hard, dark grey in patches ≤ 30 cm - Beige cherty interflow sediment, 20 cm thick at 7.47 followed down hole by flow top fragmental with trace chalcopyrite and pyrite to 7.93 - Interflow cherty sediment at 65° to C.A. and flow top breccia with faint trace chalcopyrite at 12.20 - massive, fine-grained, schistose diorite (basalt) 14.6 - 17.4; probably represents the middle-to-basal part of the flow.							
17.4	23.5	Feldspar Porphyritic Andesite Intrusive	Chilled contact at 45° to C.A. - Weakly foliated - 15% elongate plagioclase phenocrysts							
23.5	43.4	"Silicified" Basalt	As before - Beige cherty + biotitic interflow sediment banded at 60° to C.A. and flow top breccia down to 23.78 - Foliated flow breccia with calcite in matrix and faint trace pyrite and chalcopyrite 26.13-26.68 - Beige chert and flow top breccia and trace pyrite 42.53-43.16							
43.4	43.9	A' Tuff	Thin, wavy banded chlorite and sericite schist 60-80° to C.A. with trace pyrite							
43.9	44.2	"Silicified" Basalt	As above, fractured and brecciated							

PATRICIA MINING DIV. RECEIVED MAY 26 1987 A.M. 7 8 9 10 11 12 1 2 3 4 5 P.M.

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation

DDH 86-08

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
44.2	45.9	Feldspar Porphyritic Diorite								
45.9	47.3	Tuffaceous Sulphide Sediment	Thin bedded, sericite chlorite biotite (minor) schist - Disseminated pyrite and pyrrhotite 2% and GM Conductive bands of pyrrhotite, 1 cm at 46.50 and 5 cm thick at 46.8							
47.3	55.6	Feldspar Porphyritic Diorite	Includes basalt 49.0 - 52.3							
55.6	58.6	Basalt	Fractured, sharp contact below at 50° to C.A. with:							
58.6	58.7	Iron Fm.	Laminated magnetite, chlorite, calcite (secondary) and good trace pyrite, pyrrhotite and chalcopyrite							
58.7	61.0	Diorite	Feldspar porphyritic and foliated at lower contact at 45 - 60° to C.A.							
61.0	63.7	Basalt, fine-grained	Massive, weakly fractured							
63.7	65.2	Diorite								
65.2	66.6	Basalt, fine-grained	Massive, weakly fractured							
66.6	67.6	Sulphide-Oxide Iron Fm	Laminated chert, magnetite, chlorite pyrite 5% and pyrrhotite 5% (CONDUCTOR) at 60-75° to C.A.							
67.6	68.3	Sheared Feldspar Porphyry	Well foliated, calcite altered; schistosity at 60° to C.A.							
68.3	69.1	Iron Fm	Laminated magnetite IF with 1-2% sulphides							
69.1	69.6	Schist	Chlorite - calcite schist							
69.6	70.0	Iron Fm	As before but folded							
70.0	79.6	Diorite, fine-grained	Or basalt, massive; includes fractured basalt 77.42 - 77.83 and becomes fine-grained basaltic with depth							
79.6	81.7	Sulphide-Oxide Iron Fm	Laminated at 40-65° to C.A. - 2-5% pyrite and pyrrhotite (py 3:1 pol) except 15% pyrite 80.20 - 80.60 : probably weak conductive zone - Calcite + minor dolomite shear 80.80 - 81.10							

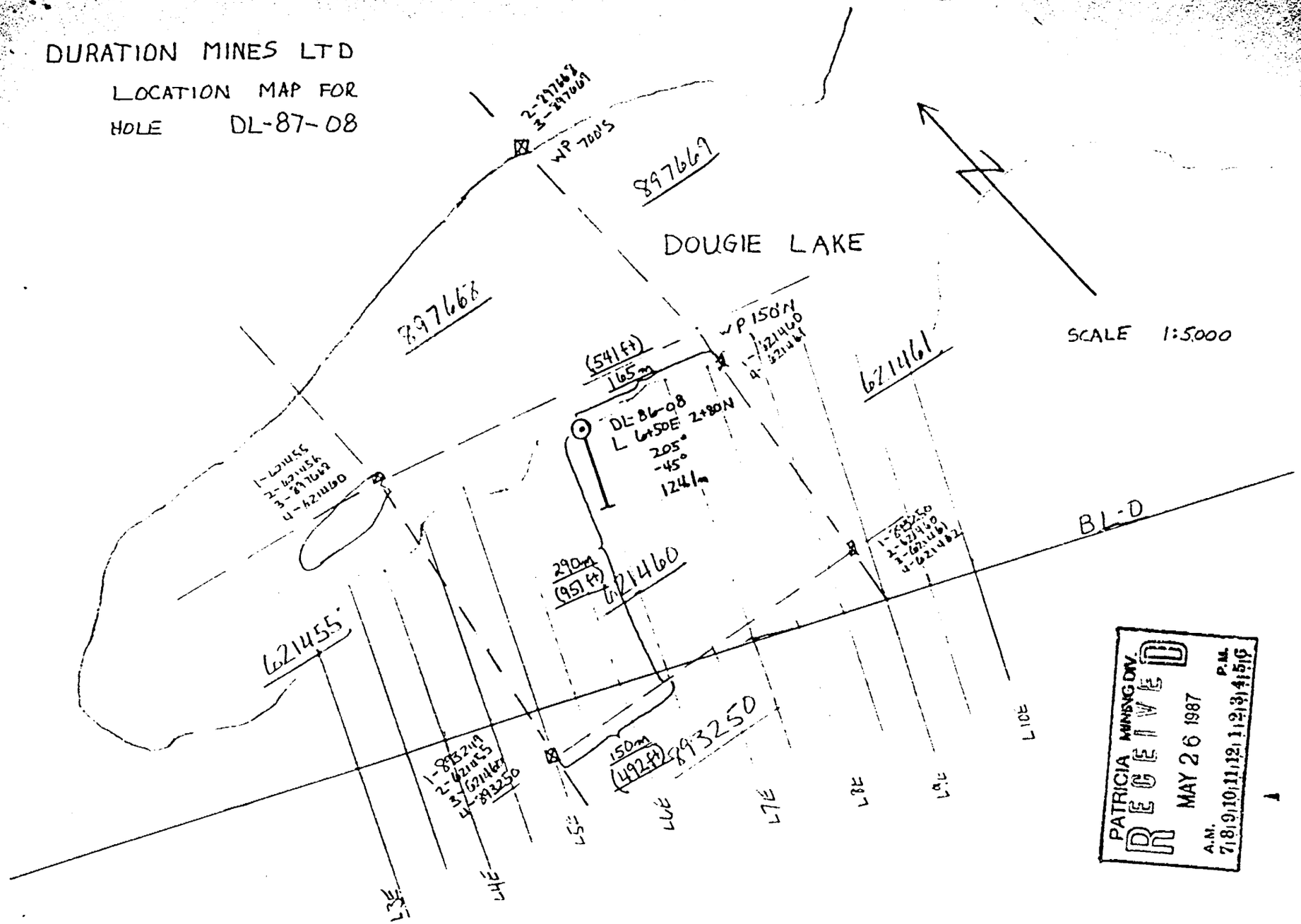
DDH DL86-08

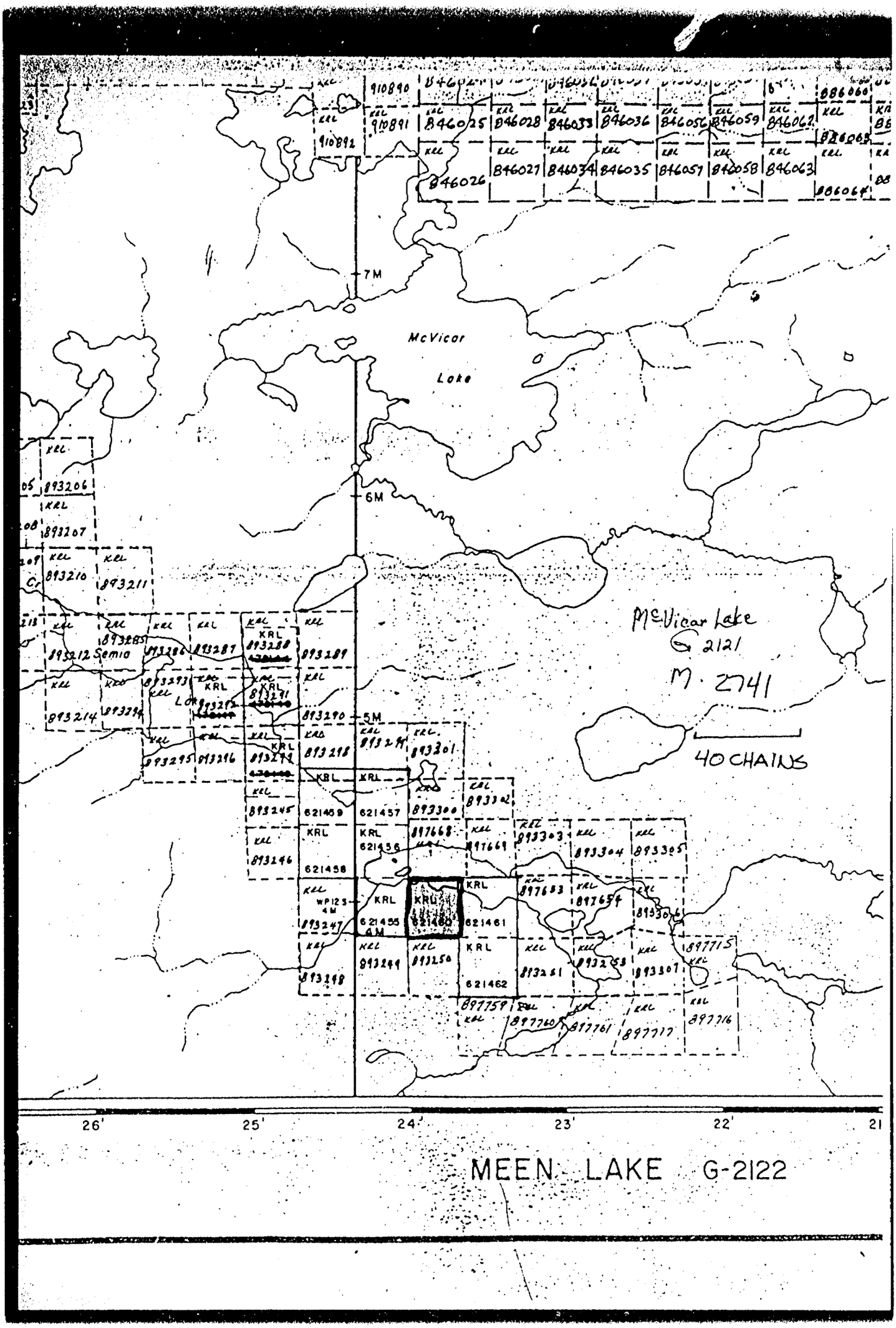
Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Fesaure Angle °	Core Specimen Footage ?	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays ? Au/Ppb
31·7	96·2	Feldspar Porphyritic Andesite	Includes 10 cm of fine-grained diorite at 88·57' – lower contact 30° is chlorite calcite schist over 0·5 m							
96·2	97·1	Sulphide - Oxide Iron Fm	Laminated at 65° to C.A. – 5% pyrrhotite and pyrite – CONDUCTOR?							
97·1	97·7	Schist	Chlorite and calcite foliated at 60° to C.A.							
97·7	98·7	Sulphide - Oxide Iron Fm	Laminated at 65° to C.A. – 3% pyrite and pyrrhotite							
98·7	99·7	Mafic Volcanic	Calcite altered							
99·7	100·5	Iron Fm	Laminated at 50° to C.A., calcite altered – 1% sulphides							
100·5	103·6	Schist	Chlorite - Calcite schist at 30° to C.A.							
103·6	104·6	Iron Fm	Laminated chlorite magnetite chert, ≤ 1% sulphides							
104·6	108·3	Basalt	Massive - to - weakly foliated							
108·3	112·1	Feldspar Porphyritic Andesite	Weakly foliated, 30% phenocrysts							
112·1	119·8	Mafic volcanic	Very bleached calcite altered, minor biotitic bands (hornfels) 118·60 – 119·8							
119·8	124·0	Feldspar Porphyritic Diorite	Somewhat altered by calcite							
124·0	124·1	Mafic volcanic?	Biotite altered							
	EOH		SUMMARY The EM-Mag conductors can be explained by several sulphide - oxide iron formation bands containing up to 10% pyrrhotite and pyrite. They are thin interflow sediments in basalt. Faint traces of chalcopyrite occur mainly in fractured and brecciated basalt usually with calcite and chlorite alteration. The upright strata dip steeply northwards. They are intruded by numerous sill-like bodies of feldspar porphyritic andesite and diorite.							

DURATION MINES LTD

LOCATION MAP FOR

HOLE DL-87-08





MEEN LAKE G-2122

Ministry of Northern Development and Mines
Ontario

Report of Work

#87-97

Resident Geol.

Mining Act

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder		Prospector's Licence No.
Duration Mines Ltd. 80 Richmond St. W., Ste. 704, Toronto, Ontario. M5H 2C7	(Wilshire Energy Inc. 1420 6th Avenue SW, Calgary, Alberta. T2P 3H7)	T-1608 (T-1482)

52O/11SW

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	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.
406.8	KRL	621455	50						
for Performance of the following work. (Check one only)		621456							
☐ Manual Work		621457							
☐ Shaft Sinking Drifting or other Lateral Work.		621458							
☐ Compressed Air, other Power driven or mechanical equip.		621459							
☐ Power Stripping		621460							
☒ Diamond or other Core drilling		621461							
☐ Land Survey		621462							

All the work was performed on Mining Claim(s): KRL – 621460 McVicar Lake G2121

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

Drilling Company: Midwest Drilling
180 Cree Crescent,
Winnipeg, Manitoba.
R3J 3W1

Footage Drilled: 406.8 ft (124.1 m)

Core Size: BQ

Drill: Deutz

Hole Number: DL-87-08

Date of Work Performance: Dec. 14, 1985 – Dec. 15, 1986.

Performed 406.8 days
Using 406.8
In Reserve 6.8 days

Recorded

PATRICIA MINING DIV
RECEIVED
MAY 26 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

KRL 621455

Date of Report	Recorded Holder or Agent (Signature)
May 19/87	

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		
Bradley Leonard	80 Richmond Street West, Suite 704, Toronto, Ontario. M5H 2C7	Date Certified: May 19/87 Certified by (Signature): Bradley Leonard

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 surveyor.	Nil	Nil