



32D04SW0033 27 GAUTHIER

010

DIAMOND DRILLING

Township: Gauthier

Report No: 27

WORK PERFORMED FOR: Falconbridge Ltd.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER [ ]

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L 544735	612-01	666	Oct/85	(1)

NOTES: (1) #38-86

## Falconbridge Ltd.

TROU NO.: 612-01

PAGE: 1 of 4

Foré par: DOMINIK DRILLING

Débuté le: OCT. 22, 1985

Terminé le: OCT. 26, 1985

Propriété: OPTION MacGREGOR  
CLAIM L-544735  
HEARST TOWNSHIP, ONT.

Journal Par: MAGLOIRE BERUBE

Latitude: L-20+00 SE

Azimuth: 225°

Élévation: SURFACE

Longitude: P-16+00 SW

Inclinaison: -45°

Longueur: 666 feet

DE	A	DESCRIPTION A Q core	Echantillon No	DE	A	Longueur				
0	64	OVERBURDEN								
64.0	243.0	<p>INTERMEDIATE FLOWS CUT BY DIKES</p> <p>greenish grey, fine-grained, variable because frequently along foliation by 1% feldspar (whitish to pinkish to reddish). Weakly foliated 35°-40° with core axis The whole section contains 1/2 of 1% fegite, finely dissem. or filling micro-fractures. The fegite must be secondary or mobilized because cutting all rock types.</p> <p>130-169: gabbro dark bluish green, massive, altered, med.-gr., mottled. 1/2 of 1% Py, dissem. or fract. filling</p> <p>217-219: gabbro or diorite dark greenish, contacts 45°, also fegitized</p>								

Falconbridge Ltd.

HOLE NO: 612-01

PAGE: 2 of 4

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Au ppb			
		220.5-226.5; acid tuff sphenitic, variable, blue to buff to green, finely to widely bedded 40° with C.A. 1% Py, dissem. or fracture filling	6029	220.5	223.5	3.0	Nil			
			6030	223.5	226.5	3.0	Nil			
		235.0-240.0: gabbro, bluish green, med.-gr., massive, trace py.								
		236: calcite stringer, 2", strong cleavage								
243.0	256.0	SYENITE	6031	243.0	247.0	4.0	Nil			
		dark purple, med.-gr., showing 20% dark green needles in dark purplish groundmass. Sharp contacts at 45° 2% finely dissem. py.	6032	247.0	252.0	5.0	Nil			
			6033	252.0	256.0	4.0	Nil			
256.0	270.0	ULTRAMAFIC LAVAS, ALTERED moderately to highly altered to leuc-chlorite schists, schistose 40° 2.6% muddy gangue (fault zone) 0.5% Py, fine to coarse, dissem.								

## Falconbridge Ltd.

HOLE NO: 612-01

PAGE: 3 of 4

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Hu ppb			
270.0	275.0	SYENITE, <i>much altered, rugged and brecciated from 273 to 275. 1st contact 40°, 2nd one, lost 1% Py before 273, 2% Py post 273</i>	6034 6035 6036	270.0 273.0 275.0	273.0 275.0 278.0	3.0 2.0 3.0	Nil Nil Nil			
275.0	315.5	PORPHYRITIC DIORITE DIKE <i>massive, showing 30% medium-grained, white, euhedral, feldspars in a grey, fine- gr. groundmass. Very uniform, grey Barren of pyrite 300-315.5: groundmass having a dark pink tinge (syenitized?)</i>								
315.5	467.5	ULTRAMAFIC LAVAS <i>bluish grey, massive, uniform, soapy, uniformly altered to talc. Highly magnesian. Rare traces of Py 337-339: schistose 90° 426-428: schistose 45°</i>								
467.5	476.0	ACID TUFFS <i>light bluish grey, finely bedded 45°, possibly very slightly graphitic. Rare traces of py.</i>	6037	469.0	473.0	4.0	Nil			

Falconbridge Ltd.

HOLE NO: 612-01

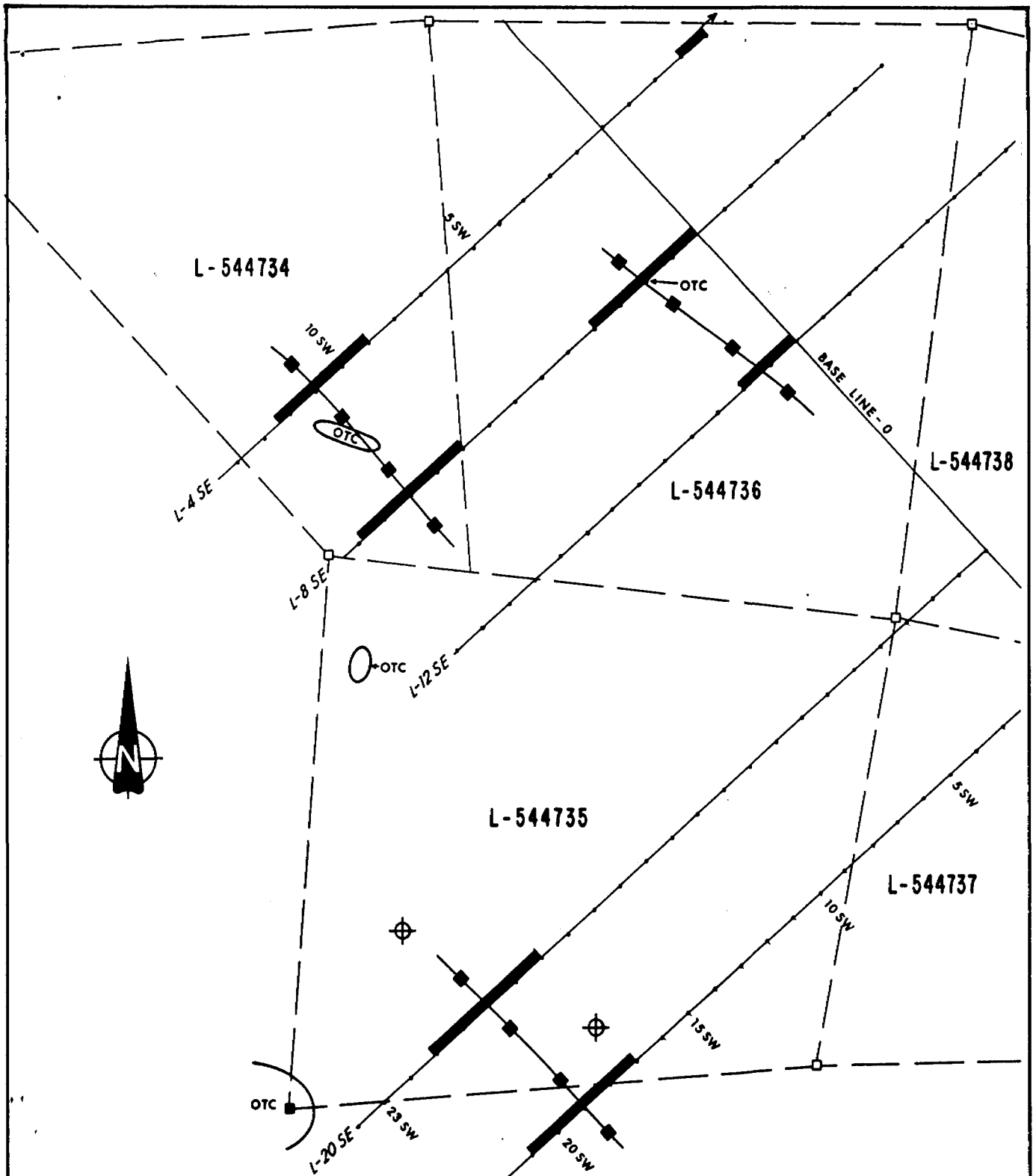
PAGE: 4 of 4

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Au ppb			
476.0	537.5	BASALT greenish grey, fine-gr., massive, fresh, uniform. Characterized by dumbbell needles up to 1/2" long. 536.5-537.5: 50% qtz-carb.-epidote stringers at right angle with core axis.	6038	536.5	537.5	1.0	Nil			
537.5	630.0	BASALT greenish grey, fine-grained, massive, uniform, equigranular, showing scattered fractures filled by carbonate (siderite?) - K-feldspar-epidote 554-558: section partly altered (bititized) Local dissem. qtz.								
630.0	651.0	PORPHYRITIC DIORITE grey, med.-gr., showing white subhedral feldspar in fine-grained groundmass 17% Py, finely dissem	6039	630	635	5.0	Nil			
			6040	645	650	5.0	Nil			
651.0	666.0	BASALT dark bluish green, massive, uniform, not fractured								
666.0		END OF HOLE DIP TESTS: $\begin{cases} 200' = 47^\circ \\ 400' = 43^\circ \\ 600' = 40^\circ \end{cases}$								

RECEIVED

Maflaine Berube, P. Eng.

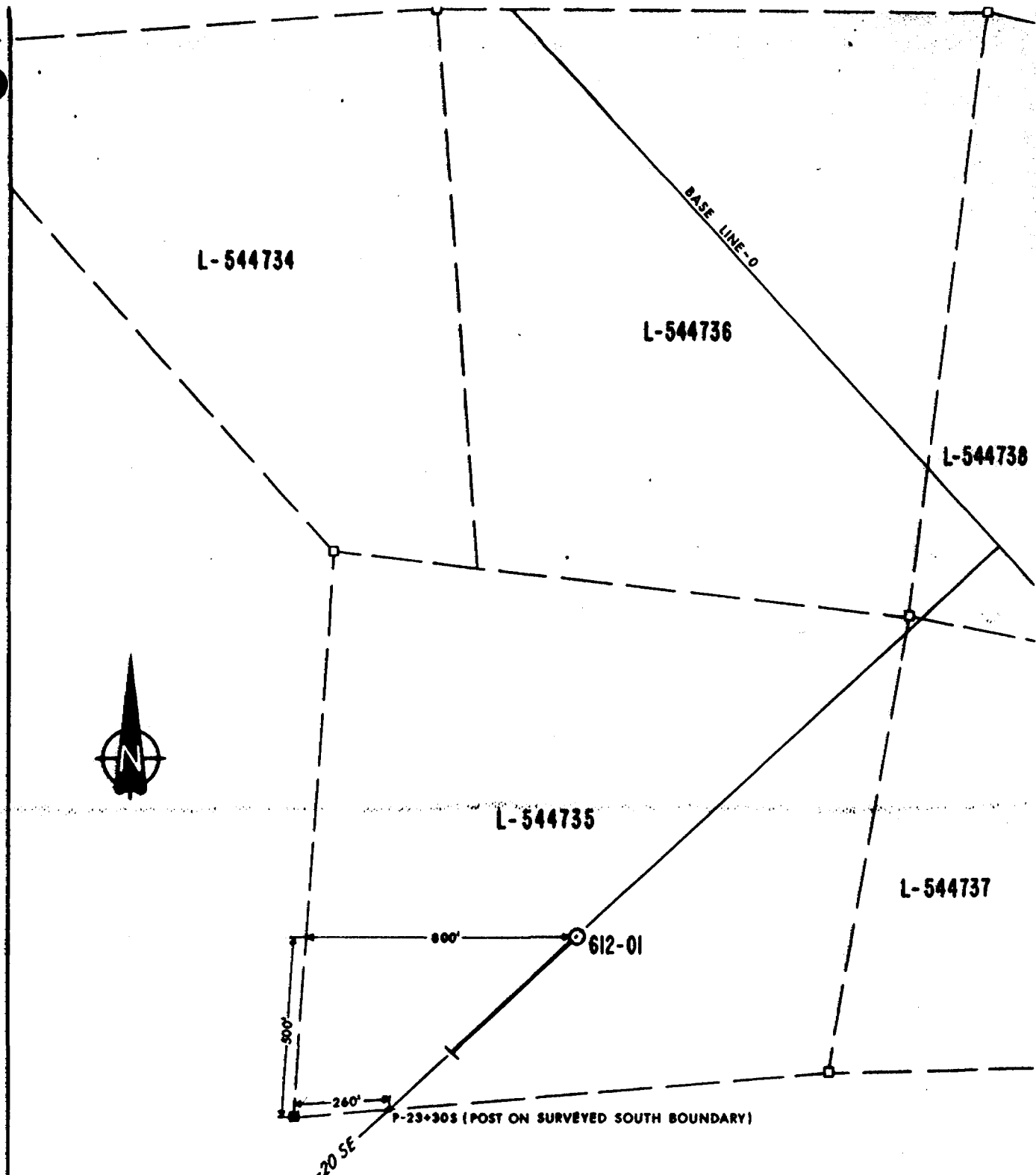




— LEGEND —

- — — — — Lines recut & surveyed by I.P.
- Claim post, surveyed
- Claim post, approximative location
- — — — — I.P. Anomaly
- ■ — ■ — I.P. Axis
- OTC Outcrop (gabbro)
- ⊕ Input anomaly

<b>FALCONBRIDGE LTD</b>		
<b>PN-612</b>		
<b>Mac GREGOR OPTION</b>		
<b>GAUTHIER TWP. ONT.</b>		
<b>SKETCH OF I.P. SURVEY</b>		
NO:	Traced by: M. BÉRUBE	Date: NOV. 85
Location:		
Azimuth:		Length:
Dip:		
Drawn by: GÉODÈS		Scale: 1/4800
Date: NOV. 85		0 400'



- LEGEND —
- Cut line
  - Claim post, surveyed
  - Claim post, approximative location
  - New diamond drill hole.

<b>FALCONBRIDGE LTD</b>		
<b>PN-612</b>		
<b>MacGREGOR OPTION</b>		
<b>GAUTHIER TWP. ONT.</b>		
<b>LOCATION OF DDH 612-01</b>		
NO:	Traced by: M. SERUBE	Date: NOV. 85
Location:	16+00 SW	L-20+00 SE
Asimuth:	Length: 666'	
Dip: 45°		
Drawn by: GEODES	Scale: 1/4000	400'
Date: NOV. 85		



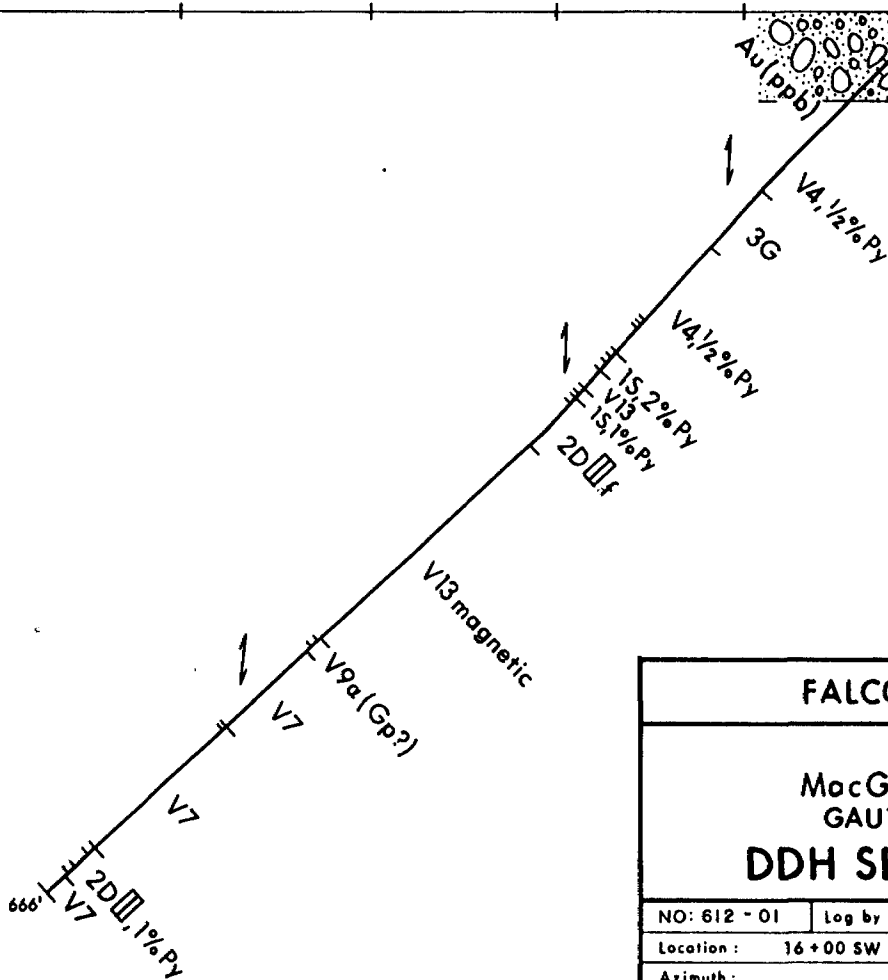
I.P. ANOMALY

L-20SE 23+30 SW 23+00 SW 22+00 SW 21+00 SW 20+00 SW 19+00 SW 18+00 SW 17+00 SW 16+00 SW 612-01 L-20SE

SOUTH BOUNDARY OF CLAIM L-544735

Au (ppb)

- 15 Syenite
- 3G Gabbro
- 2Df Diorite feldspar porphyry
- 2D Porphyritic diorite
- V4 Intermediate flows
- V7 Basalt
- V9a Tuff (felsic)
- V13 Ultramafic flows
- Gp Graphite

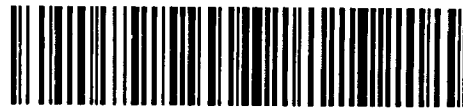


FALCONBRIDGE LTD

PN-612  
MacGREGOR OPTION  
GAUTHIER TWP. ONT.  
DDH SECTION, 612-01

NO: 612-01	Log by: M. BÉRUBÉ	Date: NOV. 85
Location: 16+00 SW L-20+00 SE		
Azimuth:		Length: 666'
Dip: 45°		
Drawn by: GÉODÉS		Scale: 1/1200
Date: NOV. 85		100'

38/86  
Mining



32D045W0033 27 GAUTHIER

900

Name and Postal Address of Recorded Holder  
**FALCONBRIDGE LIMITED** A-21647  
**P.O. BOX 40, COMMERCE COURT WEST, TORONTO, ONT. M5L 1B4**

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <b>188</b>	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	544737	15	L	857422	20			
		565101	15		857423	20			
		565102	13		857424	20			
		565103	20		857425	20			
		565104	15						
		565105	15						
		565106	15						
	857421	20							

All the work was performed on Mining Claim(s): **L-544735**

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

**CONTRACTOR: DOMINIK DRILLING**  
 P.O. BOX 247  
 1080 RUE DE L'ECHO  
 VAL D'OR, QUE. J9P 4P3

**HOLE NUMBER: 612-01**  
**FOOTAGE: 666 FEET**  
**DIAMETER OF CORE: A Q**  
**ANGLES: 0° = 45°**  
           200' = 47°  
           400' = 43°  
           600' = 40°  
**DATE OF DRILLING: OCT. 22-26, 1985**

*478 days retained for future use.*

**RECORDED**  
**JAN 17 1986**  
 Receipt # \_\_\_\_\_

LARDER LAKE MINING DIV.  
**RECEIVED**  
**JAN 17 1986**  
 AM PM  
 7 8 9 10 11 12 1 2 3 4 5 6

Date of Report <b>NOV. 12, 1985</b>	Recorded Holder or Agent (Signature) <i>Magloire Berube</i>
--	--

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  
**MAGLOIRE BERUBE, P. ENG.**

1077 AVE. LOUIS JOBIN, STE-FOY, QUE. G1W 4K1

Date Certified <b>NOV. 12, 1985</b>	Certified by (Signature) <i>Magloire Berube</i>
--	--

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	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
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

Gauthier twp

TA 6321

LEBEL TR.

