

# GM 03741

DIAMOND DRILL RECORD

Documents complémentaires

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Énergie et Ressources  
naturelles

Québec 

MARTIEL J.J. CLAIMS.

MARTIEL J.J.

DIAMOND DRILL LOG  
Figuary Twp.

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HOLE NO.	- R1	ELEVATION	- Surface	CLAIM	- A-204654
STARTED	- May 28, 1955	DIP - COLLAR	- 45	LOCATION	- 150' North of
			250' - 60 $\frac{1}{2}$		Range 1 - 11
FINISHED	- June 5, 1955		500' - 71 $\frac{1}{2}$	LATITUDE	- 250' West of
					lots 23-24
BEARING	- N 30 E			DEPARTURE	-
LENGTH	- 502'			LOGGED BY	- C. Fox
PURPOSE	- To test contact zone			DRILL CO	- Cameron Drilling

Depth feet	Description
0 - 28.0	CASING (Overburden)
28.0-502.0	<p>BIOTITE SCHIST - (probably derived from greywacke) - dark - coarse and finely banded - schisting and bedding parallel, at 300' at 55° C.A. and at 500' at 65° C.A. - low sctt'd. garnetization</p> <p>318.2-334.0 PEGMATITE DIKE containing few specks of molybdenite at 326.5' - dike cuts across bedding.</p> <p>457' - Fluorite in 2" quartz at 90° C.A.</p> <p>360.0-400.0 few <math>\frac{1}{2}</math>" - 1<math>\frac{1}{2}</math>" pegmatitic threads.</p>
502.0	End of Hole R1

QUEBEC DEPARTMENT OF MINES

FEB 15 1956

MINERAL DEPOSITS BRANCH

No G.M.- 3741

PUBLIC

(Figuary Twp)

HOLE NO. R1

Plotting Date

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>SinDIP</u>	<u>CosDIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		N30E					
100	100		48	.74314	.66913	74.31	66.91
200	100		54½	.81412	.58070	<u>81.41</u>	<u>58.07</u>
300	100		60½	.87036	.49242	155.72	124.98
400	100		65½	.90996	.41469	<u>87.04</u>	<u>49.24</u>
500	100		69½	.93667	.35021	242.76	174.22
502	2		69½	.93667	.35021	<u>91.00</u>	<u>41.47</u>
						333.76	215.69
						<u>93.67</u>	<u>35.02</u>
						427.43	250.71
						<u>1.87</u>	<u>0.70</u>
						429.30	251.41

MINES

BRANCH

DIAMOND DRILL LOG  
Figuary Twp

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HOLE NO. - R2	ELEVATION - Surface	CLAIM - A-204651
STARTED - June 7, 1955	DIP - COLLAR - 45	LOCATION - 175' North of
	250' -68	Range 1 - 11
FINISHED - June 15, 1955	600' -75	LATITUDE - 390' West of
		lots 22-23
BEARING - N 30 E		DEPARTURE -
LENGTH - 618'		LOGGED BY - C. Fox
PURPOSE - To test contact zone		DRILL CO. - Cameron Drilling.

Depth Feet	Description
0	57.0 CASING (Overburden)
57.0-607.2	<p>LICTITE SCHIST -</p> <p>Dark - coarse and finely banded - schisting parallel to bedding - scattered Pegmatite dikes, stringers and threads with a maximum core width of 8' in one case.</p> <p>57.0-90.0 small QUARTZ-PEGMATITE DIKES (1"-2") tending parallel to the schisting</p> <p>118.5-118.7 -3" QUARTZ-FELDSPAR PEGMATITE - <u>incipient</u> garnetization</p> <p>283.0-300.0 - QUARTZ-PEGMATITE or GRANITIZED STRINGERS scattered throughout parallel to bedding (2"-6" in size) -at 55° C.A.</p> <p>355-0-394.3- GRANITIZED THREADS - grey, coarse, scattered.</p> <p>394.3-401.8 -PEGMATITE - mostly Aplitic - high greenish mica-schisting at 70° C.A. - contacts at 50° C.A., opposite direction</p>

Mos2

401.8-416.8 -PEGMATITE & GRANITIZED  
THREADS and stringers scattered  
throughout.

416.8-421.1 PEGMATITE / APLITE  
much greenish fine mica with  
incipient garnetization

424.1-449.0 - incipient PEGMATITE threading

423.5-424.1 PEGMATITE DIKE

458.0-473.0 drab green SCHIST

466.6-469.5/ PEGMATITE DIKE  
- Mostly coarse, contacts irregular

472.0 - 2" PEGMATITE

490.0-490.6 GRANITIZED SEDIMENTS

493.0-500.0 threads of PEGMATITE

506.5-507.2- mostly QUARTZ-  
some CARBONATE

506.0-513.0 grey-green SCHIST  
(Granitized?)

525.0-575.0 PEGMATITE THREADED  
 $\frac{1}{8}$ " -1" threads -575 -600 -1" threads

528.0- 528.5 QUARTZ-PEGMATITE

536.5- 537.0 GRANITIZED

572.1-572.6 -

QUARTZ-FELDSPAR PEGMATITE

- 607.2-607.9 SHEARED MUSCOVITE PEGMATITE at 85° C.A. .72 607.2'-607.9' 0.7'  
- parallel to the bedding, containing  
Medium Molybdenite as plates on  
the shear planes
- 607.9-618.0 BIOTITE SCHIST - same as the above.
- 618.0 End of Hole R2

(Figury Twp.)

HOLE NO. R2

Plotting Data

(Etched Tube tests)

<u>FOOTAGE</u>	<u>SLOPE DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sin DIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.P.</u>
0		N30E					
100	100		51½	.78261	.62251	78.26	62.25
200	100		62	.88295	.46947	<u>88.30</u>	<u>46.95</u>
300	100		68	.92718	.37461	<u>166.56</u>	<u>109.20</u>
400	100		71½	.94832	.31730	<u>92.72</u>	<u>37.46</u>
500	100		74	.96126	.27564	<u>259.28</u>	<u>146.66</u>
600	100		75	.96593	.25882	<u>94.83</u>	<u>31.73</u>
618	18		75	.96593	.25882	<u>354.11</u>	<u>178.39</u>
						<u>96.13</u>	<u>27.56</u>
						<u>450.24</u>	<u>205.95</u>
						<u>96.59</u>	<u>25.88</u>
						<u>546.83</u>	<u>231.83</u>
						<u>13.79</u>	<u>4.66</u>
						<u>560.62</u>	<u>236.49</u>

DIAMOND DRILL LOG  
Figury Twp.

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HOLE NO. - R3	ELEVATION -	CLAIM - A-204654
STARTED - June 17, 1955	DIP - COLLAR - 45	LOCATION - 240' North of
	250' - 61½	Range 1 - 11
FINISHED - June 24, 1955	500' - 68	LATITUDE -
	750' - 72	410' West of
BEARING - N 30E		DEPARTURE - lots 23-24
LENGTH - 762'		LOGGED BY - C. Fox.
PURPOSE - To test contact zone		DRILL CO. - Cameron Drilling

Depth Feet	Description
0 - 20.0	CASING (overburden)
20.0-762.0	BIOTITE SCHIST -  dark - coarse and finely banded - schisting paralalled to the bedding - scattered small PEGMATITE and/or APLITE DIKES, stringers and threads with some incipient GRANITIZATION - maximum core width of dike being 26.3'.  20' - schisting at 20° C.A.  26.3-31.2 PEGMATITE DIKE / high fine yellowish mica-contacts tending to parallel schistosity.  76.6-82.0 low GRANITIZATION  100.0-100.5 QUARTZ PEGMATITE  105.5 -2" PEGMATITE  106.8- 110.5 QUARTZ PEGMATITE and GRANITIZED BIOTITE SCHIST  131.0-147.0 light GRANITIZATION  160.0-172.0 core broken fracturing (fault?)

225.0-250.0 incipiently GRANITIZED  
and garnetized

260.5-2" APLITE approx. parallel  
to the bedding

271.6-272.8 PEGMATITE DIKE

277.2-303.5 APLITE-PEGMATITE DIKE  
- APLITE on the margins

294.0' -MOLYBDENITE segregation  
approximately 1"x $\frac{1}{2}$ "x $\frac{1}{2}$ "

296'-possible negligible values  
in spodumene

320'- schisting at 46° C.A.

303.5 mudded slip not parallel  
to the contact

375.0-380.0 ground core

380.0-400.0 threaded with PEGMATITE

415.1-415.4 APLITE

425.0-498.0 lightly threaded by  
QUARTZ-PEGMATITE and incipient  
scattered GRANITIZATION

460.0 - schisting at 50° C.A.

466.5-467.0 very dark micaceous  
schisting

498°-535.5 Increasing QUARTZ-PEGMATITE  
THREADS and low patchy grey GRANITIZATION  
/from 535.5 very few threads.

580.0 - schisting at 60° C.A.

584.8-585.5-yellowish micaceous  
QUARTZ-PEGMATITE tending parallel  
to the schistosity.



602.4-622.0 scattered threads and  
stringers of QUARTZ-PEGMATITE  
tending parallel to the schistosity

645.0-665.0 very few scattered threads

679.0-683.6 coarse QUARTZ-FELDSPAR  
PEGMATITE

762.0 - schisting at 67° C.A.

762.0

End of Hole R3

HOLE NO. R3

Plotting Data

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sin DIP</u>	<u>cos Dip</u>	<u>V.D.</u>	<u>H.D.</u>
0		N30E					
100	100		49	.75471	.65606	75.47	65.61
200	100		56½	.83389	.55194	<u>83.39</u>	<u>55.19</u>
300	100		62½	.88701	.46175	158.86	120.80
400	100		65	.90631	.42262	<u>88.70</u>	<u>46.18</u>
500	100		67	.92050	.39073	247.56	166.98
600	100		70½	.94264	.33381	<u>90.63</u>	<u>42.26</u>
700	100		71½	.94832	.31730	338.19	209.24
762	62					<u>92.05</u>	<u>39.07</u>
						430.24	248.31
						<u>93.36</u>	<u>35.84</u>
						523.60	284.15
						<u>94.26</u>	<u>33.38</u>
						617.86	317.53
						<u>58.79</u>	<u>19.67</u>
						676.65	337.20

DIAMOND DRILL LOG  
Figury Twp

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HOLE NO. - R4	ELEVATION - Surface	CLAIM = A-204652
STARTED - June 27, 1955	DIP - COLLAR - 60	LOCATION - 175' North of Range 1 - 11
FINISHED - July 7 <sup>th</sup> 1955	125' - 71½	LATITUDE - 520' West of Lots 21-22
BEARING - N 30E	250' - 81	DEPARTURE -
LENGTH - 796'	400' - 79	LOGGED BY - C. Fox
PURPOSE - To test contact zone	550' - 77½	DRILL CO. - Cameron Drilling
	790' - 70	

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Depth Feet	Description
0 - 35.0	CASING (Overburden)
35.0-623.7	BIOTTITE SCHIST/ same as previously described - at beginning schisted at 35° G.A. - garnetized
	35.0-55.0 - scattered PEGMATITE stringers parallel to schisting
	35.0-221.0 - incipient PEGMATITE threading throughout
	93.0-93.6-ABLITE - strongly sericitic- contacts parallel bedding.
	93.8-94.3 , 95.2-95.7 , 121.0-125.0 , 127.5' (2"), 144.6' (2") -- Quartz & PEGMATITE Parallel to the bedding
	152.5-153.2 - contorted, micaceous, altered- contacts parallel bedding - trace of <u>molybdenite</u> .
	180.8-181.2- Quartz, trace of sulphide
	200.0-223.5 - scattered broken core

225.9 -243.9 - PEGMATITE DIKE - small amount APLITE- fairly coarse with high light yellow mica-slightly "graphic" Pegmatite in places.

243.9-254.9 -incipiently granitized

254.9-266.3 - PEGMATITE DIKE  
- same as above

280' -2" Quartz-PEGMATITE

302.5-315.8 - APLITE/ PEGMATITE  
- high light mica

331.5-331.9-PEGMATITE- parallel to bedding

351.5-353.1 - Quartz PEGMATITE  
367.5' &  
369.5' -3" of sericitic Quartz -PEGMATITE

383.5-386.9 - PEGMATITE - fine, mottled evenly micaceous

399.2- 401.0 - APLITE - light yellow mica

403.5-404.5- PEGMATITE - mottled fine mica

410.9- 411.3

415.4-415.6 - Quartz - Feldspar - PEGMATITE

448.8-454.0- Muscovite - Quartz-PEGMATITE  
contacts approx, parallel bedding-;  
small inclusion of granite

499.4-500.1 & 504.5 (4") PEGMATITE

523.5-524.4 - Muscovite -APLITE

525' - schisting at 60° C.A.

548.0-549.2- Muscovite APLITE

550.3-550.8- Muscovite PEGMATITE

602.5-623.7 - 10% PEGMATITE stringers.

623.7-796.0

BIOTITE GRANITE - grey - light coloured -  
containing much PEGMATITE & some APLITE

623.7-624.3 - Muscovite - APLITE  
- contact parallel to schisting

624.3 - 626.7 - Granitized SEDIMENTS

631.0- 665.0 - PEGMATITE - Quartz-  
feldspar- muscovite , coarse texture

673.0-686.5 - PEGMATITE , coarse

692.0-694.5- PEGMATITE

699.0-701.5- PEGMATITE

701.5-725.0 - GRANITE / PEGMATITE

725.0 - 750.0 - GRANITE - APLITE, garnetized

750.0-796.0- GRANITE - bedding gneissose -  
in places Pegmatitic granite

762.3-768.0 - Feldspar - Quartz - PEGMATITE  
- coarse.

796.0

End of Hole R4

(Figuary Twp)

HOLE NO. R4

Plotting Data.

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sinDip</u>	<u>Cos Dip</u>	<u>V.D.</u>	<u>H.D.</u>
0		N30E					
100	100		64	.89879	.43837	89.88	43.84
200	100		73½	.95882	.28402	<u>95.88</u>	<u>28.40</u>
300	100		79	.98163	.19081	185.76	72.24
400	100		80½	.98629	.16505	<u>98.16</u>	<u>19.08</u>
500	100		- 79½	.98325	.18224	283.92	91.32
600	100		- 77½	.97630	.21644	<u>98.63</u>	<u>16.51</u>
700	100		- 74½	.96363	.26724	382.55	107.83
796	96		- 71½	.94832	.31703	<u>98.33</u>	<u>-18.22</u>
						480.88	89.61
						<u>97.53</u>	<u>-21.64</u>
						578.51	67.97
						<u>96.36</u>	<u>-26.72</u>
						674.87	41.25
						<u>94.83</u>	<u>-31.70</u>
						769.70	9.55

DIAMOND DRILL LOG  
Figuary Twp

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HOLE NO. - R5	ELEVATION - Surface	CLAIM - A-204653
STARTED - July 9, 1955	DIP - COLLAR-45	LOCATION - 175' North of
	200' -56½	Range 1 - 11
FINISHED - July 20, 1955	400' -62	LATITUDE - 100' West of
	500' -65½	Lots 24-25
BEARING - N 30E	800' -68	DEPARTURE -
LENGTH - 800'		LOGGED BY - C. Fox
PURPOSE - To test contact zone		DRILL CO. - Cameron Drilling

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Depth Feet	Description
0 - 57.0	Casing (Overburden)
57.0-800.0	BIOTITE SCHIST / - same as previously described - mostly coarsely banded - scattered fine garnetization and some micaceous zone.
	73.0-74.0 - PEGMATITE DIKE /- fina yellow mica
	75.0' - schisting at 43° C.A.
	122.5-.23.0 - PEGMATITE contacts parallel schisting
	138' & 139' - 2" of quartz - feldspar PEG.
	160.0- schisting at 35° C.A.
	197.5' - 1½" micaceous APLITE parallel schisting
	198.0' - schisting at 42° C.A.
	202.0-215.0- scattered rusty fracturing
	210' - strong schisting at 25° C.A. parallel bedding
	260.4-263.6 PEGMATITE - APLITE margins
	282-284- broken - some slickensiding (faults?)

317.6-322.8 APLITE/PEGMATITE - specks  
of MOLYBDENITE on APLITE-PEG. contact @ 318.5'

366.5-368.1- Mostly very micaceous APLITE  
376.0-377.0- " " " "

428.5-429.0- PEGMATIZED parallel bedding

466.5-533.0- incipiently threaded with  
PEGMATITE & incipiently GRANITIZED.

533.0-537.0 - slightly GRANITIZED

557.5-558.0- quartz-feldspar PEGMATITE  
not parallel to the schisting

579.5-586.6 PEGMATITE DIKE /specks of  
MOLYBDENITE (2% visual estimate) between 574.4-574.7 .

596.0-800.0- well garnetized - - - -

618.0-618.7 GRANITIZED

623.5-624.2 PEGMATITE -Aplite, garnetized

640.4-640.8 GRANITIZED

641.6-641.9 GRANITIZED

651.3-652.1 Quartz-Pegmatite

653.2-2" " "

657.0-2" " "

661.0-4" garnetized PEGMATITE

723' - schisting at 72° C.A.

730.9-732.6 APLITE-PEGMATITE -speck of  
MOLYBDENITE  $\frac{1}{2}$ " x  $\frac{1}{4}$ " in sericite

746.2-746.9 Garnetized APLITE

747.3-747.9 " "

779.0-780.0 Quartz-PEGMATITE

780.1-783.1 APLITE/PEGMATITE



(Figuary TWP )

HOLE NO. R5

Plotting Date:

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sin DIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		N30E					
100	100		48 $\frac{1}{2}$	.74896	.66262	74.90	66.26
200	100		54	.80902	.58779	<u>80.90</u>	<u>58.78</u>
300	100		58	.84805	.52992	155.80	125.04
400	100		61	.87462	.48481	<u>84.81</u>	<u>52.99</u>
500	100		63	.89101	.45399	240.61	178.03
600	100		65	.90631	.42262	<u>87.46</u>	<u>48.48</u>
700	100		66 $\frac{1}{2}$	.91706	.39875	328.07	226.51
800	100		67 $\frac{1}{2}$	.92388	.38268	<u>89.10</u>	<u>45.40</u>
						417.17	271.91
						<u>90.63</u>	<u>42.26</u>
						507.80	314.17
						<u>91.71</u>	<u>39.88</u>
						599.51	354.05
						<u>92.39</u>	<u>38.27</u>
						691.90	392.32

DIAMOND DRILL LOG  
Figury Twp

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HOLE NO: -R6	ELEVATION -	CLAIM - A-204655
STARTED -July 21, 1955	DIP -SOLLAR - 45	LOCATION - 175' North of
	200° -51½	Range 1411
FINISHED -July 28, 1955	400° -60½	LATITUDE - 10° East of
	600° -66	Lots 25-26
BEARING - N 30E	800° -69	DEPARTURE -
LENGTH - 797'		LOGGED BY - C. Fox.
PURPOSE - To test contact zone		DRILL CO. - Cameron Drilling

Depth Feet	Description
0 -16.0	CASING ( Overburden)
16.0-797.0	BIOTITE SCHIST - same as previously described - mostly coarsely banded - some scattered garnetization and few scattered threads of quartz-PEGMATITE
	49.3 -50.4 Quartz-PEGMATITE
	100° - schisting at 20° C.A.
	101° - fine pyrite on face of fracture
	116°-119-120° - 1" Quartz-PEGMATITE
	125.0-147.5 - some incipient granitisation
	272.5-273.5 - some granitization
	277.2-278.0 -Quartz-PEGMATITE parallel to the schisting
	315.1-315.5 -Highly garnetiferous Quartz-PEGMATITE
	330.0-425.0 -Incipient scattered granitization
	396° -2" Quartz-PEGMATITE
	420° -Schisting at 32° C.A.
	434.8-435.3- QUARTZ

438.5-441.0- 30% Quartz Parellel  
to the schisting

455.7-459.5 - incipiently granitized

472.2-473.6 - sericitic Quartz-PEGMATITE

476.6-501.0 - coarse garnetization  
threaded with quartz

498.5 - Quartz-PEGMATITE (3")

517.0-521.0 - coarse garnetization

518.2-519.0 FAULT - welldefined cross-  
fault with some pinkish granitization

528.0-581.0-QUARTZ threaded

540.9-541.3 -Quartz-sericite -PEGMATITE  
some garnetization

616.5 - some QUARTZ

618.0-648.0 - coarse garnetization with  
some Quartz threading

655.6-663.2 - APLITE mostly- some PEGMATITE

663.0-676.0 -APLITE mostly- some coarse PEG.

677.5-680.5- mostly Sericitic -APLITE

682.5-683.8 - same

696.5-699.3- same.

700° - schisting at 35° G.A.

701.8-2" irregular QUARTZ

736.8-738.2 -APLITE - core of PEGMATITE  
- parallel to the schisting

745.1-747.0- miscaceous APLITE - fine  
garnetiferous banding

750.0-753.6 -PEGMATITE -APLITE , high mica

753.6-797.0 - scattered pegmatitic threading

769.6- 770.0 - Quartz -PEGMATITE

775' - schisting at 50° C.A.

793.4-795.1 - sericitic PEGMATITE -APLITE

797.0

End of Hole R6

(Figuary Twp.)

HOLE NO: R6

Plotting Data

(Etched tube tests)

<u>FOOTAGE</u>	<u>Slope</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sin DIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		N 30 E					
100	100		46	.71934	.69466	71.93	69.47
200	100		48½	.74876	.66252	<u>74.90</u>	<u>66.26</u>
300	100		54	.80902	.58779	146.83	135.73
400	100		58½	.85264	.52250	<u>80.90</u>	<u>58.78</u>
500	100		62	.88295	.46947	227.73	194.51
600	100		65	.90631	.42262	<u>85.26</u>	<u>52.25</u>
700	100		67	.92050	.39073	312.99	246.76
797	97		68 ½	.93042	.36650	<u>88.30</u>	<u>46.95</u>
						401.29	293.71
						<u>90.63</u>	<u>42.26</u>
						491.92	335.97
						<u>92.05</u>	<u>39.07</u>
						583.97	375.04
						<u>90.25</u>	<u>35.55</u>
						674.22	401.59

DIAMOND DRILL LOG  
FIGUERY TWP

HOLE NO: - R7	ELEVATION - Surface	CLAIM - A-204655
STARTED - July 29, 1955	DIP - COLLAR- 45	LOCATION - 550' North of
	200' - 47	Range 1-11
FINISHED - Aug. 12, 1955	400' - 54	LATITUDE - 140' East of
	600 $\frac{1}{2}$ ' - 54	Lots 26-27
bearing - S 30° W	800' - 51	DEPARTURE-
LENGTH - 808'		LOGGED BY- C. Fox.
PURPOSE - To test contact zone		DRILL CO.- Cameron Drilling

Depth Feet	Description
0 - 76.0	CASING
76.0- 790.2	BIOTITE SCHIST - dark coloured - mostly coarsely banded - scattered high garnetization and some scattered incipient granitized threading.
	90° - schisting at 65° C.A.
	127-225 scattered low granitization
	131.7-132.0 Quartz-PEGMATITE
	178.0-194.0 High pegmatitic quartz threading parallel to the schisting
	219.3-220.5 Pegmatitic Quartz
	260.3-260.9 Granitized
	275.0-315.0 Patchy high garnetization
	302.0-330.0 High Pegmatitic Quartz threading with some stringers
	340.0-352.0 same
	350° - schisting at 75° C.A.
	374.0 High threaded pegmatitic Quartz
	-402.3 and threaded granitisation
	391.9-392.6 APLITE

400' -schistingat approximately 90° C.A.

402.3-403.7 - micaceous PEGMATITE

406.7-414.5- banded micaceous, finely  
garnetiferous APLITE- some PEGMATITE

442.1-445.2 - micaceous PEGMATITE with  
some APLITE

470.0' -3" PEGMATITE

474.5-476.0 coarsely micaceous PEGMATITE

482.0-484.4 " " "

484.8-486.4 " " "

502.5-503.2 micaceous APLITE

539.6-548.0- Quartz PEGMATITE, coarsely micaceous

548.0- 552.0 Muscovite GRANITE

552.0-557.5- micaceous APLITE - slightly  
granitized in places

558.5' p 4" PEGMATITE

559.5-564.0 coarsely micaceous PEGMATITE

564.0-580.0 same with some APLITE

589.3-591.6 PEGMATITE/some micaceous APLITE

621.9-648.0 scattered pegmatitic threads

654.2-662.2 APLITE -PEGMATITE, micaceous

664.0-664.3 PEGMATITE

665.1-2" PEGMATITE

666.1-666.6 - "

688.0-689.0 somewhat granitized

701' -2" Quartz-PEGMATITE

707.0-712.0 Granitized

712.0-723.7 Threaded

723.7-743.7 PEGMATITE -APLITE , few threads of  
granitized schist (725-726 Lost Core)

753.0-773.0 APLITE - Granitized, some PEGMATITE

773.0-790.2 PEGMATITE threaded

790.2-808.0-----790.2-808.0 MUSCOVITE -BIOTITE GRANITE /  
few garnets

808.0

End of Hole R 7

-----XXX-----



(Figury Twp)

HOLE NO: R 7

Plotting Data

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sin DIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		S 30W					
100	100		45	.70711	.70711	70.71	70.71
200	100		45	.70711	.70711	<u>70.71</u> 141.42	<u>70.71</u> 141.42
300	100		46	.71934	.69466	<u>71.93</u> 213.35	<u>69.47</u> 210.89
400	100		49	.75471	.65606	<u>75.47</u> 288.82	<u>65.51</u> 276.50
500	100		52 $\frac{1}{2}$	.79335	.60876	<u>79.34</u> 368.16	<u>60.88</u> 337.59
600	100		54 $\frac{1}{2}$	.81412	.58979	<u>81.41</u> 449.57	<u>58.07</u> 395.45
700	100		53	.79864	.60182	<u>79.86</u> 529.43	<u>60.18</u> 455.63
800	100		51 $\frac{1}{2}$	.78261	.62251	<u>78.26</u> 607.69	<u>62.25</u> 517.88
808	8		51	.77715	.62932	<u>5.82</u> 613.51	<u>5.03</u> 522.91

DIAMOND DRILL LOG  
FIGUERY TWP

HOLE NO:- R 8	ELEVATION - Surface	CLAIM - A-204655
Started - Aug. 14, 1955	DIP - COLLAR $\frac{1}{2}$ 45	LOCATION - 1450' North of Range 1-11
FINISHED- Aug. 26, 1955	200' - 46 $\frac{1}{2}$	LATITUDE - On lot Line 26-27
	400' - 50 $\frac{1}{2}$	DEPARTURE-
BEARING - South	797' - 51 $\frac{1}{2}$	
LENGTH - 797' <i>to be recorded for assessment of International Lithium Mng. Corp. Ltd.</i>		LOGGED BY- C. Fox.
PURPOSE - Exploration		DRILL NO. - Cameron Drilling

Depth Feet	Description
0 -21.0	casing (Overburden)
21.0-797.0	BIOTITE SCHIST /-dark coloured- mostly coarsely banded - few zones of low garnetization with some development of staurolite at the bottom of the hole -scattered incipient pegmatitic quartz threading - scattered broken core
	50p 71 broken, fractured -FAULT?
	74-95 scattered quartzose stringers 78-79 rusty quartz.
	100' - schisting at approximate 90° C.A.
	112.8-113.6 QUARTZ
	114.6-115.0 QUARTZ
	117.7-118.1 QUARTZ - fractured
	116-126 - finely banded
	126.5-129.6 micacious quartz PEGMATITE
	130-151 finely banded
	158.0-160.0 QUARTZ
	184.4-184.8 QUARTZ
	206.1-206.4 QUARTZ
	2.25.0-233.0 broken, slickensided somewhat parallel to schisting.

233-300 ~~smattered~~ broken core

359.5-360.0 pegmatitic QUARTZ

438.0-439.2 "Porphyritized" (feldspar phenocrysts)

478.7-479.0 pegmatitic QUARTZ

485.0-489.8 carbonate threaded fracturing

489.8-490.7 pegmatitic QUARTZ

503" " "

558.5" " "

569.0-569.5 " "

662' pyritized join face

750.0-797.0 Staurolite alteration (thermal metamorphism or possible proximity to granite contact) with some fine garnetization - schisting at 90° C.A.

756.0- 757.5 lost Core

797.0

End of Hole R 8

-----XXX-----

(Figury Twp.)

HOLE NO R8

Plotting Data

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>Sin DIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		SOUTH					
100	100		45½	.71325	.70091	71.23	70.09
200	100		46½	.72537	.68835	<u>72.54</u>	<u>68.84</u>
300	100		48	.74314	.66913	143.87	138.93
400	100		49½	.76041	.64945	<u>74.31</u>	<u>66.91</u>
500	100		50½	.77162	.63608	218.18	205.84
600	100		51	.77715	.62932	<u>76.04</u>	<u>64.95</u>
700	100		51½	.78261	.62251	294.22	270.79
797	97		51½	.78261	.62251	<u>77.16</u>	<u>63.61</u>
						371.38	334.40
						<u>77.72</u>	<u>62.93</u>
						449.10	397.33
						<u>78.26</u>	<u>62.25</u>
						527.36	459.58
						<u>71.22</u>	<u>60.38</u>
						598.58	519.96

0 -  
46.0-

DIAMOND DRILL LOG  
FIGUERY TWP

HOLE NO - R 9	ELEVATION - surface	CLAIM - A-182021
STARTED - Aug. 30, 1955	DIP - COLLAR- 45	LOCATION - 3100' North of Range 1-11
FINISHED- Sept 7, 1955	200° - 47½	LATITUDE -
BEARING - South	400° - 50½	On lot line
	800° - 50½	DEPARTURE- 30-31
LENGTH - 801'		LOGGED BY- C. Fox.
<i>less 303' to be recorded by International Lithium Mining Corp.</i>		DRILL CO.- Cameron Drilling
PURPOSE - 498'		

Depth  
Feet

Description

0	-46.0	CASING ( Overburden)
46.0-801.0		BIOTITE SCHIST /dark, mostly finely banded scattered incipient garnetization, and also very little staurolite alteration - frequent scattered quartz and pegmatitic threading 1/16" to 1" few scattered sections of narrow interbanded greenstone.
		66.8-68.0 greenstone
		105'-2" APLITE - micaceous at 45° to schist
		110'-2" " " " " " "
		125-' schisting at 90° C.A.
		115.5'p few platy specks of sulphide
		136.8-138.0, 142.6-146.6, 151.0-.52.3, 182.0-183.5- greenstone
		200.5-223.0- scattered alteration, granitization mostly banded
		223.0-225.0 - QUARTZ, some sericitic banding, - contacts parallel bedding
		225.0-227.8- banded alteration
		227.8-230.9 QUARTZ
		244.0-244.5 "
		301.2-302.4- porphyritization (phenocrysts)
		314.4-315.4 "

331.3-332.5 Lost Core  
343.0-351.0 Staurolite- garnet alteration

378.0-379.5 Porphyritized  
385.5-389.5 "

390.3-391.5 Lost Core

392.4-393.3 - Porphyritized  
395.0-398.5 "

400-416 scattered banded porphyritization

416 to end of hole - scattered strong staurolite  
alteration

425.4 -427.2 Lost Core

457 -466 scattered banded Quartz stringers

490.2-490.4 QUARTZ  
490.8-491.0 "

536.3- APLITE - scattered fine sericite  
-540.6

552-56- interbanded greenstone

624.3-624.8 - QUARTZ  
744.3-744.8 - "  
753.0-756.0 - heavy Quartz threading

767.5-767.9 banded QUARTZ, some sericite

780.0-781.2 APLITE, sericitic

783½"-3" PEGMATITE

801.0

End of Hole R9

(Figuary Twp).

HOLE NO. R9

Plotting Data

(Etched tube tests)

<u>FEOTAGE</u>	<u>SLOPE DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sinDIP</u>	<u>cos DIP</u>	<u>V.D.</u>	<u>H.D.</u>
0	100	SOUTH					
			45½	.71325	.70091	71.33	70.09
100							
	100		46½	.72537	.68835	<u>72.54</u>	<u>68.84</u>
200						143.87	138.93
	100		48½	.74896	.66262	<u>74.90</u>	<u>66.26</u>
300						218.77	205.19
	100		50	.76604	.64279	<u>76.60</u>	<u>64.28</u>
400						295.37	269.47
	100		50½	.77162	.63608	<u>77.16</u>	<u>63.61</u>
500						372.53	333.08
	100		50½	.77162	.63608	<u>77.16</u>	<u>63.61</u>
600						449.69	396.69
	100		50½	.77162	.63608	<u>77.16</u>	<u>63.61</u>
700						526.85	460.30
	100		50½	.77162	.63608	<u>77.16</u>	<u>63.61</u>
800						604.01	523.91
	1		50½	.77163	.63608	<u>0.77</u>	<u>0.64</u>
801						604.78	524.55

MARTEL J.J. CLAIMS.  
Figury twp.

PUBLIC

QUEBEC DEPARTMENT OF MINES

MAR 8 - 1956

MINERAL DEPOSITS BRANCH

No G M- 3741

DIAMOND DRILL LOG  
Figury Twp.

HOLE NO.- R 10	ELEVATION - Surface	CLAIM - A <sup>A</sup> -204655
STARTED - Sept. 10, 1955	DIP- COLLAR -45	LOCATION - 2525' North of
	200' -45	Range 1 - 11
FINISHED- Sept. 20, 1955	400' -47 $\frac{1}{2}$	LATITUDE -
	600' -45 $\frac{1}{2}$	On lot line
BEARING - SOUTH	800' -44	DEPARTURE- 26-27
LENGTH - 796'		LOGGED BY- C. Fox.
PURPOSE - To cross-section the sediments		DRILL CO.- Cameron Drilling

Depth Feet	Description
0 - 16.0	CASING (Overburden)
16.0-39.0	GREENSTONE / irregularly carbonatized and altered - some low scattered epidotization.
39.0 -796.0	BIGTITE SCHIST - dark coloured, coarse and finely banded - scattered quartz pegmatite threading with a few stringers throughout = scattered low garnatization with some staurolite alteration.  41-42 Lost Core  75' - schisting at 90° C.A.  232.5-233.0 banded silicification  238.5' -2" granitization 276.5-280.0 - strong banded granitization 322.4-324.0 irregular garnitization  352.0-353.0 greenstone (coarse sediments)  389.3-390.0 QUARTZ  406.5-407.5 low angle quartz thread with some fine pyrite  409.9-410.0 QUARTZ  431.0-454.5 more pegmatite threading  458.5-464.6 coarse grained greenstone (amphibolite).



486.0-489.0 jointing parallel to  
the core length

530.4 - 531.0 - QUARTZ parallel to the schisting

547.6-549.4 QUARTZ , mostly

634.0 -- scattered from here to the end  
of the hole - strong staurolite  
alteration.

751-762 porphyritic

754 -2" QUARTZ.

760.2-762.2 - 50% QUARTZ

796.0

End of hole R 10

(Figuary Twp.)

HOLE NO. R 10

Plotting Data

(Etched tube tests)

<u>FOOTAGE</u>	<u>SLOPE</u> <u>DIST.</u>	<u>BEARING</u>	<u>DIP</u>	<u>sinDIP</u>	<u>cosDIP</u>	<u>V.D.</u>	<u>H.D.</u>
0		SOUTH					
100	100		45	.70711	.70711	70.71	70.71
200	100		46	.71934	.69466	<u>71.93</u>	<u>69.47</u>
300	100		46½	.72537	.68835	142.64	140.18
400	100		47½	.73728	.67559	<u>72.54</u>	<u>68.84</u>
500	100		47	.73135	.68200	215.18	209.02
600	100		46	.71934	.69466	<u>73.73</u>	<u>67.56</u>
700	100		45	.70711	.70711	288.91	276.58
796	96		44½	.70091	.71325	<u>73.74</u>	<u>68.20</u>
						362.05	344.78
						<u>71.93</u>	<u>69.47</u>
						433.98	414.25
						<u>70.71</u>	<u>70.71</u>
						504.69	484.96
						<u>67.29</u>	<u>68.47</u>
						571.98	553.43