

# GM 24938

DIAMOND DRILL LOG

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Énergie et Ressources  
naturelles

Québec 

LANAQUE

MINING CO. LTD.

Hole Number G.E. 1

Working Place Callahan Option Section Bourlamaque typ.

Sheet Number 1

Location N 23 + 00 S E 30 + 00 W Azimuth North Dip -45°

Elevation Collar

Date Started Aug. 15/69 Stopped Resumed Finished Aug. 13/69 Total Depth 900'

Logged by A.C. Fitzgerald & M. Lefebvre

SLUDGE ASSAYS				CORE FOOTAGE		DESCRIPTION	CORE ASSAYS			
FROM	NO.	VALUES	AVERAGE VALUE	FROM	TO		FEET SAMPLED	NO.	VALUES	AVERAGE VALUE
				0	105	OVERBURDEN				Am.
				105	121.5	Granodiorite, Porphyritic, Phenocrysts up to 2MM				
				121.5	122.5	Gd. as above one 2" QTC STR 5% Py. Contacts broken up.	1	7444		Nil
				122.5	125	Gd. as above.				
				125	132	Gd. as above. G.M. more sphanatic, Feldspars are more scattered and bigger.				
				132	136.9	Contact at 45° to C.A. rest is a pale Felaitic mod sheared section shearing at 45° to C.A.				
				136.9	150	Gd. as above. Some sections are hi porphy with chlorite flecks.				
				150	197	Gd. as above.				
				197	199	Gd. as above One 1/2" solid Py str at 35° to C.A.	2	7445		.09/2.0
				199	225	Gd. as above 1% Py disseminated.				
				225	230	Gd. as above two 1/4" QTC str at 85° to C.A. 1% Py.				
				230	231	Gd. as above one 1/2" py str 90° to C.A.	1	7446		Nil
				231	233	Gd. as above.				
				233	235	Gd. as above bleached with occ Py	2	7447		Nil
				235	238	Gd. as above two 1" One 1 1/2" QTC chlorite str. 80° to C.A. barren ?	3	7448		Nil
				238	247	Gd. as above.				
				247	248	Gd. as above 3/4" QTC str 90° 8% Py.	1	7449		Nil
				248	250	Gd. as above.				
				250	251.5	Gd. as above. One 1" QTC 80° to C.A. 1% Py.	1.5	7450		Nil.
				251.5	254	Gd. as above.				
				254	255	Gd. as above bleached one 1" QTC STR. 85° to C.A. occ Py.	1	7451		Nil.
				255	263	Gd. as above.				
				263	265	Gd. as above. One 1 1/2" One 5" QC str's. Contacts at 80° to C.A. barren ?	2	7452		Nil.
				265	266.5	Gd. as above. One 3" QC chlorite str 65° to C.A. occ f.g. pyrite.	1.5	7453		Nil
				266.5	268	Gd. as above.				
				268	270	Gd. as above. One 1" QTC str 80° barren ?	2	7454		Nil
				270	271.5	Gd. as above. One 3/4" QTC str 35° 1% Py.	1.5	7455		Nil
				271.5	275	Gd. as above.				
				275	276	Gd. as above.	1	7456		Nil
				276	280	Gd. as above all T.O. three 1" QC str's 45°-65° to C.A. 1% Py.	4	7458		Nil

Ministère des Richesses Naturelles, Québec  
 SERVICE DES GITES MINÉRAUX  
 No G.M.-24938  
 SEP 1969

LANCASHIRE MINING CO. LTD.

Hole Number G.E. 1

Working Place Section

Sheet Number 2

Location N E Azimuth Dip

Elevation Collar

Date Started Stopped Resumed Finished

Total Depth

Logged by A.C. Fitzgerald & M. Lefebvre

SLUDGE ASSAYS				CORE FOOTAGE		DESCRIPTION	CORE ASSAYS			
FROM	NO.	VALUES	AVERAGE VALUE	FROM	TO		FEET SAMPLED	NO.	VALUES	AVERAGE VALUE
				280	282.5	Gd. as above.				Nil.
				282.5	285	Gd. as above, sil. t.o. TOURM THR'S 1/4 Py.	2.5	7457		Nil.
				285	299	Gd. as above.				
				299	300	Gd. as above, sil.	1	7459		Nil.
				300	325	Gd. as above becoming more porphyritic at 313 same as beginning.				
				325	330	Gd. variation in texture bleached 1/4 Py.	5	7461		.01/5.0
				330	335	Gd. as above bleached tourm thr's f.g. 1/4 Py.	5	7460		Nil.
				335	350	Gd. as before.				
				350	352.5	Granodiorite, bleached with tourmaline - filled fract., 1/4 Py.	2.5	7466		Nil.
				352.5	355	Granodiorite, mineralised as above.	2.5	7465		Nil.
				355	358	Granodiorite, mineralised as above. 3" Q.C. + chloritic and 1/2 Py. 65° to C.A. at 355.2.	3	7464		Nil.
				358	360	Granodiorite.				
				360	362	Granodiorite, siliceous, locally bleached with 2 x 1/4" QTC 60° to C.A., 1/4 Py.	2	7467 7463		.41/2.0 Nil/2.0
				362	364.5	Granodiorite.				
				364.5	365.5	Granodiorite bleached, 2 x 1/4" tourm. stringers 80° to C.A., 1/4 Py.	1	7462		Nil.
				365.5	381	Gd. as above.				
				381	383	Gd. as above. Three 1/4" QTC str's at 50° & 85° to C.A. F.G. pyrite.	2	7469		Nil.
				383	386	Gd. As above.				
				386	387	Gd. as above. One 3/4" QTC str at 60° to C.A. f.g. pyrite.	1	7470		Nil.
				387	391	Gd. as above occ Qc patches f.g. pyrite				
				391	392	Gd. as above 1/2" Qc str at 65° f.g. pyrite.	1	7471		Nil.
				392	396	Gd. as above.				
				396	398	Gd. as above to 396.2. Contact at 45° to C.A. rest is pale felsitic sheared zone at 45° to C.A. to 397.6. rest is as before.	2	7472		Nil.
				398	426	Gd. as above becoming locally feldspathic (Feldspar, Porphyry) locally sil Gd. No. contacts. Feldspar porphyry contains 70% feldspar.				
				426	427	Gd. as above one 2" QTC chlorite str at 80° to C.A. f.g. pyrite.	1	7473		Nil.

LAMAQUE

MINING CO. LTD.

Hole Number G.E. 1

Working Place ..... Section .....

Sheet Number 3

Location N ..... E ..... Azimuth ..... Dip .....

Elevation Collar .....

Date Started ..... Stopped ..... Resumed ..... Finished .....

Total Depth .....

Logged by A.C. Fitzgerald & M. Lafewre.

SLUDGE ASSAYS				CORE FOOTAGE		DESCRIPTION	CORE ASSAYS			
FROM	NO.	VALUES	AVERAGE VALUE	FROM	TO		FEET SAMPLED	NO.	VALUES	AVERAGE VALUE
				427	486	As above, becoming more siliceous, less feldspathic after 475'.				
				486	487	As above. One 1/4" solid Py str at 45° C.A.	1	7474		Nil.
				487	492	As above,				
				492	493	As above, felsitic with 1% Py.	1	7475		Nil.
				493	523.5	As above.				
				523.5	525	As above, One 1" Qc str occ Py.	1.5	7476		Nil.
				525	552	As above.				
				552	553.7	As above, scattered pheno's felsitic f.g. LDP one 1 1/2" QTC str occ Qtc patches f.g. Py.	1.7	7477		Nil.
				553.7	556.2	VEIN 27" QTC chlorite & Py. Contacts at 65°-70° to C.A. Five blebs of chalcopyrite.	2.5	7468*		.09/2.5
				556.2	566	Gd. as above. Variation in texture.				
				566	572	Gd. as above feldspathic (Feldspar Porphyry).				
				572	582	Gd. as above, not feldspathic.				
				582	583	Gd. as above. One 1 1/2" Qc str at 65° MDP	1	7478		.04/1.0
				583	586	Gd. as above. One 1/4" solid Py str at 40° to C.A.	3	7479		.06/3.0
				586	602.5	Gd. as above. Feldspathic.				
				602.5	614	Gd. as above bunched up pheno's to 602.5 contact gradational rest is more aphanatic to 605.				
				614	615	Gd. as above. One 2" Qc str at 60° to C.A. 1% Py.	1	7480		Nil.
				615	617	Gd. as above.				
				617	618.5	Gd. As above, One 1/2" One 3" Qc str's at 85° & 45° to C.A. f.g. Py.	1.5	7481		Nil.
				618.5	620	Gd. as above.				
				620	621	Gd. as above. One 2" QTC str at 70° to C.A. 1% Py.	1	7482		Nil.
				621	626.5	Gd. as above.				
				626.5	628	Gd. scattered pheno's sll G.M., f.g. Py one 1/4" Quartz Str at 10° to C.A. for 8" with Five Tiny clusters of chalcopyrite.	1.5	7483		Nil.
				628	630	Gd. as above.				
				630	637.5	Gd. as above, Feldspathic.				
				637.5	661	Gd. as above, non Feldspathic.				
				661	662	Gd. as above, One 1/2" cluster of Py.	1	7484		Nil.
				662	672.5	Gd. as above,				
				672.5	684.5	Gd. as above, Feldspathic.				
				684.5	700	Gd. as above. Gradationally becoming hi porphy. at 672.6				

to 680' than variation in texture with blue Quartz eyes. HOLE NUMBER G.E. 1

LAMAQUE MINING CO. LTD.

Hole Number G.E. 1

Working Place ..... Section .....

Sheet Number 4

Location N E Azimuth ..... Dip .....

Elevation Collar .....

Date Started ..... Stopped ..... Resumed ..... Finished .....

Total Depth .....

Logged by A.C. Fitzgerald & M. Lefebvre

SLUDGE ASSAYS				CORE FOOTAGE		DESCRIPTION	CORE ASSAYS			
FROM	NO.	VALUES	AVERAGE VALUE	FROM	TO		FEET SAMPLED	NO.	VALUES	AVERAGE VALUE
				700	709	GD as above. Feldspathic				
				709	717	GD as above. Feldspathic				
				717	718	GD as above felsitic section with occ. pyrite	1	7485		Nil
				718	721	GD as above				
				721	722	GD as above, One 1 1/2" QTC str @ 80° to C.A. occ. f.g. PY	1	7486		Nil
				722	738.5	GD as above, gradationally becoming more porphyritic @ 731 and more aphanatic @ 735.5				
				738.5	742	GD aphanatic scattered pheno'n felsitic one 1/4 solid py str @ 45° to C.A. one 1" One 2" QTC str's @ 65° - 70° to C.A. f.g. PY	3.5	7487		Nil
				742	749	GD as above aphanatic to 749 - porphy to 757				
				749	757	GD Feldspathic				
				757	758	GD One 1 1/2" QTC str @ 65° to C.A. 1% Py	1	7488		Nil
				758	770	GD scattered pheno's				
				770	771	GD Feldspathic One 1" solid Py str @ 65° - 70° to C.A.	1	7489		.02/L.C
				771	799	GD Feldspathic hi porphy from 771.2				
				799	800	GD Feldspathic as above one 2 1/2" QC str @ 45° & 75° to C.A. 1% Py	1	7490		Nil
				800	807	GD Feldspathic to 804				
				807	808	GD One 3" QC str @ 65° to C.A. barren	1	7491		Nil
				808	819	GD as above mod. prophy chlorite flecks				
				819	821	GD as above 20% QTC along core one 3" QC str @ 75° to C.A. mostly barren	2	7492		Nil
				821	839	GD as above gradationally becoming hi porphy @ 822.7 to 837 then some light shearing is present @ 60° to C.A. Feldspathic between 823' and 833'				
				839	840	GD variation in texture some QTC sections some brecciated felsitic sections occ. very f.g. Py	1	7493		Nil
				840	850	GD blotchy looking				
				850	900	GD to 852.8 contact broken rest is Dacite 5% CP. over 1" @ 898.9				
END OF HOLE										
Note: All rocks are non-magnetic.										
DIP TEST										
				FOOTAGE			DIP			
				100'			45°			
				300'			36°			
				600'			22°			
				900'			10.5°			

LAMAQUE

MINING CO. LTD.

Hole Number G.E. 2

Working Place Callahan Option Section Bourlamaque top.

Sheet Number 1

Location N 14 + 20S E 18W Azimuth North Dip -50°

Elevation Collar

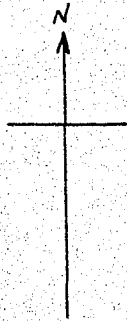
Date Started Aug. 15/69 Stopped Aug. 19/69 Resumed Finished

Total Depth 367

Logged by A.C. Fitzgerald

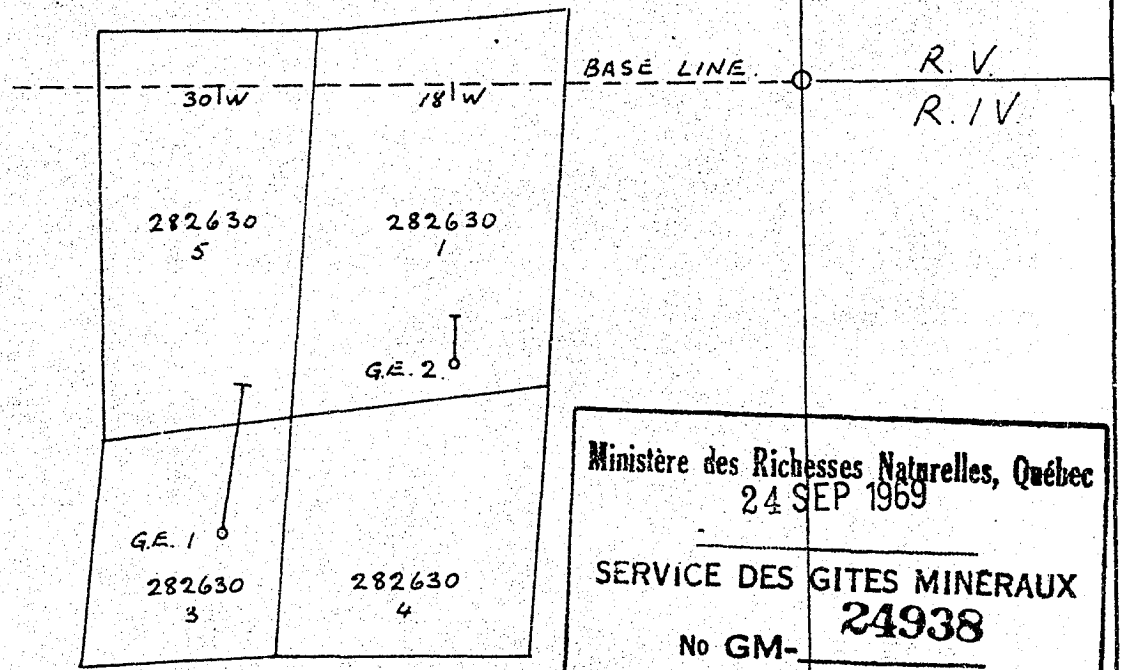
SLUDGE ASSAYS				CORE FOOTAGE		DESCRIPTION	CORE ASSAYS			
FROM	NO.	VALUES	AVERAGE VALUE	FROM	TO		FEET SAMPLED	NO.	VALUES	AVERAGE VALUE
				0	57.5	Carbide				Nil.
				57.5	111.9	Amesite, dark grey, fractd., aphanitic, rare pyrite - filled fracts, local flow banding. Strongly magnetic.				
				111.9	119.0	Diorite, contact indistinct. Finely crystalline, becoming coarser. $\frac{1}{2}$ " Qtz. at 115.7.				
				119.0	120.5	2" Qtz. + 5% Py and minor epidote 60° to C.A. at 119.1. 1" the same at 120.0.	1.5	7494		Nil.
				120.5	141.5	Diorite, finely crystalline, creamy feldspars + epidote. Local carbonate-epidote fracturing. 1/10" Py. seen at 123.6.				
				141.5	142.5	$\frac{1}{2}$ " Q.T.C. + epidote, minor Py and bleaching. 45° to C.A. at 141.7. $\frac{1}{2}$ " the same at 141.9. 5" Q.C. + minor tourmaline, one $\frac{1}{2}$ " bleb. Cp.	1	7495		Nil.
				142.5	188.5	Diorite becoming coarser grained to a graphic texture of $\frac{1}{2}$ " feldspar and hornblende. Minor epidote fractures, light chloritisation. Strongly magnetic.				
				188.5	199.5	Mod. shear for 2" at 188.7. 30° to C.A. 5% Py. and carb. chloritic.	1	7497		.02
				199.5	272.0	Diorite as above, $\frac{1}{2}$ " patch Py. in carb. at 199.4, $\frac{1}{2}$ " epidote - Py. 20° to C.A. at 249.6.				
				272.0	307.5	Diorite fine grained (2mm. crystals) with local coarse-grained sections as previously described.				
				307.5	308.5	5" Q.C. + 5% Py. 60° to C.A. at 307.7, no bleaching.	1	7497		Nil.
				308.5	327.0	Diorite, mainly fine grained, dark, resembles Diorite of Lamaque main plug. $\frac{1}{2}$ " epidote - Py fracture at 319.2.				
				327.0	328.0	5" shearing with carbonate and 2% Py., 60° to C.A. from 327.4.	1	7493		Nil.
				328.0	367.0	Diorite, all fine grained with a graphic texture.				
						NOTE: All rocks in this hole are strongly magnetic with magnetite visible as a primary constituent and also showing some tendency to concentrate near epidote.				
						END OF HOLE 367.0				
						TESTS:				
						Acid Test at 367" -45° corrd.				

TOWNSHIP CENTRE LINE.



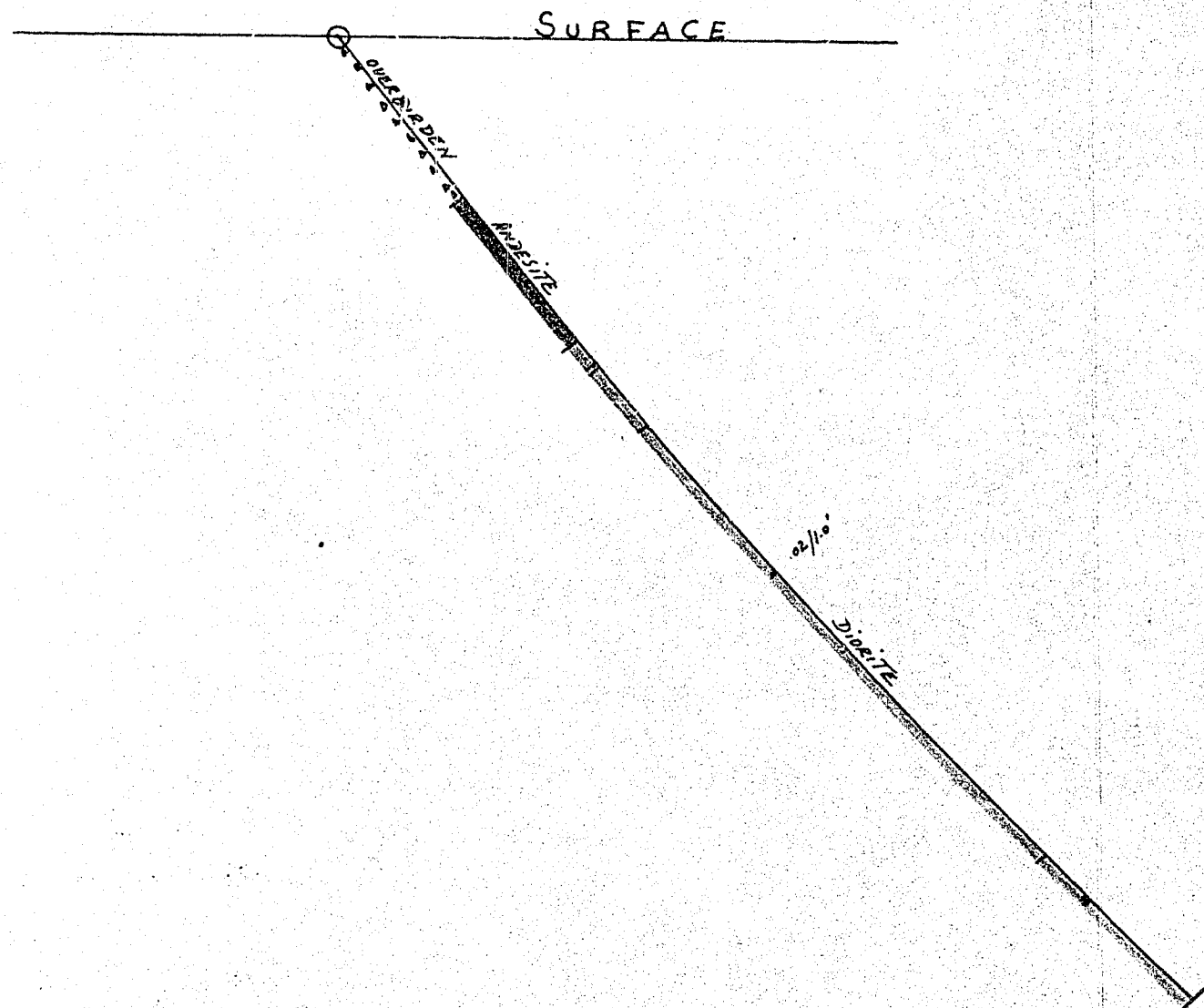
BOURLAMAQUE  
LOUVICOURT.

04M



LAMAQUE MINING CO. LTD.  
CALLAHAN OPTION  
LOCATION OF DIAMOND DRILL  
HOLES  
DATE AUG. 20, 1969 Scale 1" = 1000'

a.b.?



BASE LINE - 1000' (S)

Ministère des Richesses Naturelles, Québec  
 24 SEP 1969  
 SERVICE DES GITES MINÉRAUX  
 No GM- 24938

LAMAQUE MINING CO. LTD.  
 SECTION VIEW WEST  
 D.D. H. GE - 2  
 DATE Aug. 20, 69 Scale 1" = 50'