

GM 17184

DIAMOND DRILL LOG

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Énergie et Ressources
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Québec 

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORPORATION
Lozeau Township

65 Nov 24 AM 9 37

207327-4

Hole No. - V-1	Elevation -	Claim - 207330 - 5
Started - Oct. 30, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Nov. 6, 1965	400' - -41°	Latitude - 22 50 N
Bearing - S 75° E		Departure - 26 60 E
Length - 425'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
0 - 16.5	CASING				
16.5 - 377.0	DIORITE - light coloured, medium coarse, almost anorthosite for first 100 feet.				
71-73	Fracture at 5° to core axis				
106.5-110.5	Pink-terracotta feldspar porphyry dike 35°.				
235.7-236.1	2" nearly massive chalcopyrite & malachite galena in quartz calcite stringer @ 45° to core axis.				
295-	½" pink syenite dike @ 70°.				
316.5-	½" white feldspar dike @ 45°.				
From 338'	Increasingly dark with much less white feldspar and fine grain.				
340.5-341.5	Dark chloritic slips at 10°.				
356-357	Coarse biotite mica aggregates.				
365.5-373	Several strong chloritic fractures at 10°-20°.				
377.0 - 420.0	DIORITE - pink, fine to medium grain cut by some threads, some weak chloritic fracturing at 30°.				
402-409	Well fractured at 10°-20° - much chlorite.				
411-415	Same				

PUBLIC

Ministère des Richesses Naturelles, Québec
7 FÉV 1966
SERVICE DES GITES MINÉRAUX
No GM-17184

Hole No. V-1

DEPTH FEET		DESCRIPTION				SAMPLE No.	ASSAYS	FOOTAGE	WIDTH	
		417-419	Well fractured at 10°-20° much chlorite.							
420.0 -	425.0	DIORITE - dark, fine grain.								
		423-425	Medium fracturing at 45°, very low serpentinized.							
425.0	END OF HOLE No. V-1									
FROM	TO	WIDTH	Au oz/ton	Ag oz/ton	MoS2 %	Pb %	Cu %	Sample No.		
235.7	236.1	5"	Tr.	1.26	Nil	22.35	2.75	M 38003		

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORPORATION
Lozeau Township

Hole No. - V-2	Elevation -	Claim - 207330 - 5
Started - Nov. 7, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Nov. 11, 1965	300' - -47°	Latitude - 19 70 N
Bearing - N 77° W		Departure - 30 00 E
Length - 350'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
0 - 8.0	CASING				
8.0 - 13.0	GREENSTONE -kspotty, massive, fractured.				
13.0 - 87.0	DIORITE - coarse dark and light mosaic.				
	38-41.5 Altered greenstone inclusion - towards end tiny fractures lined with a little pyrite.				
	56-65.5 Dark greenstone inclusion with low fine mesh pyrite-pyrrhotite irregularly distributed - very low fine magnetite.				
	67.5-71 Medium mesh pyrite-pyrrhotite in irregular coarse aggregates.				
	73-82.5 Fine grained massive, grey colour.				
87.0 - 119.3	BANDED TUFF - black, some lighter silicified bands @ 60°, irregular very low fine pyrite.				
	90-98 Some fine grained black greenstone, banded.				
	110-115 Medium pyrite-pyrrhotite along banding - fine grained.				
	115-119.3 Heavier pyrite-pyrrhotite.				
119.3 - 350.0	DIORITE - medium coarse ophitic texture, with increasing amount of white feldspar.				

Hole No. V-2

DEPTH FEET	DESCRIPTION	SAMPLE No.	ASSAYS	FOOTAGE	WIDTH
125-126	Greenstone inclusion.				
128-129	" "				
176.5-177.5	" "				
180-181.5	Badly broken core.				
181.5-217	Plentiful red feldspar, red jasper threads, with 187-198 heavily fractured & broken core suggesting a fault zone at 188', 3/8" clay gouge at 70°.				
206-208	Badly broken core, a little chloritic gouge @ 10°-30°.				
227-230	Red feldspar & occasional jasper threads.				
234-241.5	Same with some small chloritized inclusions & some chloritic fractures @ 20°-30°.				
245-260	Chloritic material increasing in groundmass and as elliptical inclusions, some greenish silicified streaks.				
262-263	A little red feldspar.				
268-273	Several soft serpentine slips at 20°-45°.				
280-282	Light green picrite, 1/4" bands at 30°-40°.				
292.5-297.5	Several similar green silicified bands.				
300-310	Several soft talcy picrite slips at 30°-45°.				
325-330	Several similar slips at 10°-45°.				
341-350	Several slips at 10°-45°.				

350.0 END OF HOLE No. V-2

FROM	TO	WIDTH	Au oz/ton	Ag oz/ton	Sample No.
110.0	115.0	5.0'	Nil	0.02	M 38001
115.0	119.3	4.3'	0.01	0.08	M 38002

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORP.
Lozeau Township

Hole No. - V-3	Elevation - 30' (approx.)	Claim - 203197 - 3
Started - Nov. 20, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Nov. 25, 1965	200' - -44°	Latitude - 17 80 N
Bearing - N 40° W		Departure - 28 65 E
Length - 231'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE No.	ASSAYE	FOOTAGE	WIDTH
0 - 10.0	CASING				
10.0 - 145.0	RHYOLITE - dark grey to black, fine grained, scattered fine magnetite, hard, some concoidal fracturing.				
	30-38 Faint banding at 25°.				
	55-75 Fragmental, grey elongated pea-like particles in black groundmass, banding at 45°-60°.				
	77-82 Fine banding at 45°.				
	82-94 Some coarser banding & fragmental - at 87.5 l" irregular streak pyrrhotite with a splash of chalcopyrite in it.				
	103-110 Coarse grey & black fragmental like 55-75 section.				
	112-113 Same				
	114.5-120 Same				
	123-145 White feldspars becoming quite prominent in dark rhyolite groundmass with some black patches, hybrid.				
145.0 - 231.0	DIORITE - light coloured, prominent white to buff coloured feldspars - possibly anorthosite, contains a little fine magnetite.				
	161- Reddish jasper				
	168-171 Red hematite streak.				

Hole No. V-3

DEPTH FEET	DESCRIPTION	SAMPLE No.	ASSAYS	FOOTAGE	WIDTH
174-180	Fracturing with soft chlorite slips at 20°-30°, feldspars all have pink to reddish tinge.				
180-186	Fault Zone - gouge from 181-184.5 which is composed mainly of chlorite & clay but also fine angular rock particles.				
186-188.5	Many chlorite slips in pink anorthosite.				
188.5-203	Broken core, soft chlorite filled fractures & slips every ½", no apparent mineralization.				
207-208	Same broken core with pink feldspar.				
223-231	Fairly coarse anorthosite with red feldspar.				
231.0	END OF HOLE No. V-3				

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORP.
Lozeau Township

Hole No. - V-4	Elevation - 50' (approx.)	Claim - 203197 - 3
Started - Nov. 26, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Nov. 29, 1965	250' - -46°	Latitude - 15 85 N
Bearing - N 45° W		Departure - 28 30 E
Length - 278'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
0 - 10.0	CASING				
10.0 - 278.0	RHYOLITE - dark grey to green, hard, mostly massive low fine magnetite throughout.				
	22-23 Faint banding at 40°.				
	23-29 Some epidote streaks & iron lighter pyrite coloured (bleached?) bands.				
	30-35 Broken core.				
	37.5-38.5 " "				
	38.5-42 Black rhyolite, massive.				
	46-47.5 Grey band banding.				
	50-65 Dark agglomerate, grey fragments up to 3" with black banding.				
	74-76 Black banding @ 30°.				
	78-93 Dark agglomerate similar to 50-65'.				
	92- 1" disseminated pyrite with splashes chalcopyrite.				
	97.5- Silicious flow top 2" disseminated pyrite & chalcopyrite.				
	101-105 Good banding at 40°, some irregular patches white silica.				
	114- Coarse grey anorthosite dike with a little coarse pyrite.				

Hole No. V-4

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
115-135	Faint dark banding banding at 40°.				
143-144	Fine grained anorthosite dikelet, diabasic structure.				
146-147	Same.				
147-148	Banded & later breccia.				
155-172	Tuff, dark & light banding at 40° somewhat softer than usual - some fine grained anorthosite intrusions.				
172-176	Medium fracturing at 20°-40°, with black chlorite along them.				
176-180.5	White sugary alteration along with green chlorite.				
180.5-184	Broken core, numerous fractures & weak chlorite slips at low angles.				
185-186.5	Broken core.				
187-196	Some dark banding at 45°.				
196-197	Anorthosite intrusion.				
202-203	Same.				
205-209	Broken core - short sections slippery talcy fractures.				
212-213	Light banding at 70°.				
213-218	Fine grained anorthosite intrusion with 1" medium pyrite, pyrrhotite, chalcopyrite at 45° at 215'.				
219-223	Softer - low carbonatization.				
228-229	Softer low carbonatization Scattered low pyrite, pyrrhotite & very little chalcopyrite.				
235-255	Looks like black peridotite with rhyolite inclusions.				
255-258	Flow breccia.				

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ARRAYS	FOOTAGE	WIDTH
260-264	Flow breccia with xxx cal- cite stringers, & low scattered rounded pyrite at 261'.				
276-	1" scattered pyrite, mosa- ic.				
278.0	END OF HOLE No. V-4				

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORP.
Lozeau Township

Hole No. - V-5	Elevation - (50' approx.)	Claim - 203197 - 3
Started - Nov. 29, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Nov. 30, 1965	200' - -48°	Latitude - 15 20 N 15 85 N
Bearing - N 75° W		Departure - 28 30 E
Length - 293.0'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
0 - 10.0	CASING				
10.0 - 275.0 264.0	RHYOLITE - dark grey, hard, low fine magnetite throughout, at 19' light green mottled dike at 45° .				
26-27	Broken core, leached calcite stringers @ 45° .				
29-30	Broken core, light green mottling.				
37-	low scattered brownish pyrite.				
50-54	Light grey to green mottling.				
56-61	Faint grey banding at 45° , in black rhyolite.				
69-76	Badly broken core.				
80.5-81.5	Green quartz epidote stringers at 30° .				
92-	Same, broken core.				
95-	1" epidote stringer at 45° .				
99-100.3	Light green quartz stringers @ 60° - 80° .				
104.5-106	Broken core, chlorite fractures @ 45° .				
119-122	Black & grey fragments.				
125-130	Faint banding at 45° .				

Hole No. V-5

DEPTH FEET	DESCRIPTION	SAMPLE No.	ASSAYS	FOOTAGE	WIDTH
143-	Quartz calcite stringers @ 45° - slip at 70° at 145'.				
147-151	Broken core, with small pieces, $\frac{1}{2}$ " gouge at 149' and at 150'.				
152-153	Quartz epidote - carbonate stringers at 45°.				
155-156	Tiny quartz stringers.				
158-160	Broken core, talc slips @ 80°.				
164-169	Flow top breccia & banding.				
177-181	Broken core, low angle slips.				
185.5-186	Quartz epidote stringers @ 40°.				
188-198	Faint banding at 40°, some brecciation.				
200-202	Dark thin banding in grey background @ 60°.				
205.5-	$\frac{1}{2}$ " low pyrrhotite at 40°				
212.5-	$\frac{1}{4}$ " low pyrrhotite at 40°.				
205.5-208.5	Faint banding at 40°.				
220-226	Fine grained diorite in- trusion.				
230-231	Light grey, some banding @ 40° & some breccia.				
239-240	Fragmental.				
240-241	Light grey green silicifi- cation streaks @ 10°.				
255-258	Fine grained diorite intru- sion @ 40°.				
264.0 - 275.0	FELDSPAR PORPHYRY - feldspars 1 to 3 mm edged with pink.				
275.0 - 293.0	HYBRID FINE GRAINED DIORITE intruding black rhyolite flow breccia.				

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
	289-290 Small quartz-calcite str- ingers at 60° with occa- sional narrow threads py- rite & chalcopyrite.				
293.0	END OF HOLE No. V-5				

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORPORATION
Lozeau Township

Hole No. - V-6	Elevation - 30' above swamp level	Claim - 203197 - 1
Started - Dec. 2, 1965	Dip - Collar - -45°	Location - 1965 Grid
Finished - Dec. 4, 1965	200' - -46°	Latitude - 12 00 N
Bearing - N 30° W		Departure - 30' W of L 8 E
Length - 202.0'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
0 - 10.0	CASING				
10.0 - 110.5	DACITE - grey, fine grained, hard, occasional yellowish green fragments elongated at 45° to core axis & often carrying a little pyrrhotite & pyrite - low fine magnetite.				
18-20.5	Yellow epidote with quartz, carrying medium amount fine pyrite.				
26.5-	Thin (1/8") bands pyrite, pyrrhotite @ 45° .				
28-	Thin (1/16") bands or fractures filling of pyrite & pyrrhotite @ 60° .				
36-41	Coarser grain, silicified, folded section which looks like flow contacts, 39-39.5 low streaks pyrite, pyrrhotite.				
64.5-75	Coarser flow, heavy magnetite up to 30%, low pyrite, pyrrhotite disseminated throughout.				
79-88	Mostly gabbro carrying heavy magnetite up to 30%, lower contact @ 20° .				
98-100	White feldspar flecks.				
101-102	A few nests of disseminated pyrite.				

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
110.5 - 202.0	103- 1/2" quartz epidote stringer @ 30°. 107.5- 1" medium dissem. pyrite. GABBRO - becoming coarser at depth, fine magnetite throughout. Frequent small inclusions & digestions of dark rhyolite. 127-130 Talcy serpentized fracture at 5° to core axis. 137-148 Black irregular inclusions rhyolite - low brown biotite segregations in & along contacts of gabbro. 152-157 Black inclusions, brown biotite in the gabbro. 157-158 Serpentine slip @ 30°. 178-182 Fault Zone @ 60°, crushed, & broken 178-179, 179.5-180.5 soft, leached. 184-187.5 Black inclusions. 190.3-191.8 Very low disseminated chalcopyrite grains. 192-202 Scattered small nests of brown biotite.				
202.0	END OF HOLE No. V-6				

DIAMOND DRILL LOG

CONSOLIDATED VIRGINIA MINING CORPORATION

Lozeau Township

Hole No. - V-7	Elevation - 30' above swamp level	Claim - 203197 - 1
Started - Dec. 5, 1965	Dip - Cellar - -45°	Location - 1965 Grid
Finished - Dec. 7, 1965		Latitude - 9 60 N
Bearing - N 30° W		Departure - 45' W of L 8 E
Length - 201.0'		Logged by - A. C. Lee
Purpose -		Drill Co. - Continental

DEPTH FEET	DESCRIPTION	SAMPLE No.	AGSAYS	FOOTAGE	WIDTH
0 - 10.0	CASING				
10.0 - 54.0	DACITE - dark grey, hard (silicified) rusty fractures occasionally @ 45°, very low streaky pyrite but medium fine disseminated magnetite throughout.				
	19-21 Coarse grain (diorite?)				
	23-24 Low disseminated pyrite, pyrrhotite.				
	25-26 Black, white speckled, diorite dike, @ 60°.				
	26-37 Silicious, pseudo banding with epidote & some serpentine @ 45° at 28.5 - 6" amygdaloidal & carrying low scattered pyrite.				
	37-47 Green altered diorite.				
	47-50 Altered green diorite & silicious banded dacite carrying low disseminated pyrite & a little disseminated chalcopyrite.				
	50-51 Speckled black & white diorite with brown biotite @ 45°.				
	51-54 Green altered dacite low disseminated pyrite, pyrrhotite, mostly in bands @ 40°.				
54.0 - 84.0	BLACK SPECKLED DIORITE with inclusions hard banded dacite.				

Hole No. V-7

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
	61-62	Dacite with 1/4" medium pyrite @ 30°.			
	68.5-71.5	Bands & disseminated fine pyrite & very low chalco- pyrite in altered dacite.			
	77-78	Green serpentized section, shattered, lost core.			
84.0 - 201.0	DACITE - dark grey, altered, low-medium disseminated magnetite.				
	97.5-99.5	Cut by quartz epidote string- ers & some serpentine low * to medium streaks fine pyrite.			
	102-103	White amygdules.			
	102.5-	2" quartz epidote @ 45°.			
	106-109	Yellow quartz epidote band- ing at 45°-60° occasionally.			
	111-117	Yellow quartz epidote band- ing as above.			
	130-140	Frequent yellow quartz epi- dote stringers at 20°-45° with bleaching - some heavy streaks fine pyrite 132-133.			
	145-151	Some quartz epidote string- ers with bleaching 1" cal- cite @ 45° @ 148' - at 150.5 6" leached heavy epidote frac- ture @ 45°.			
	154-157	Diorite, black & white @ 40°.			
	160-168	Frequent epidote stringers with bleaching bands low py- rite with quartz 160.5-162.			
	168-169.5	Coarse diorite.			
	169.5-180	Frequent streaky quartz epi- dote stringers.			
	180-181.5	Some cherty silicified bands.			
	185-191	White amygdules, some quartz epidote streaks.			
	190.5-192	Quartz epidote bands @ 40° with streaks pyrite, pyrro- tite.			

DEPTH FEET	DESCRIPTION	SAMPLE NO.	ASSAYS	FOOTAGE	WIDTH
	195-201 Dark hard amygdaloidal dac- ite very low scattered py- rite, pyrrhotite.				
201.0	END OF HOLE No. V-7				