

# GM 00426

REPORT ON THE SNOWSHOE GOLD MINES

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Énergie et Ressources  
naturelles

Québec 

*Genl. O.T.S.  
Blair*

QUEBEC DEPARTMENT OF MINES

REPORT ON THE SNOWSHOE GOLD MINES, LIMITED.  
MINERAL DEPOSITS BRANCH

No G M- The property of the Snowshoe Gold Mines Ltd. consists of thirty (30) claims on Lake Dubuisson, Vassan township, Quebec, totalling about twelve hundred (1200) acres. Most of the ground held consists of water claims and there are two small islands close together, the larger is known as Potter Island.

The property is located about 4½ miles from the Sullivan Dock and is west of and adjacent to Dorval-Siscoe Gold Mines Ltd.

The structure consists of the extension of the plug or stock of granodiorite which drilling through the ice has disclosed to extend in a northwesterly direction from Siscoe Island and associated intrusives, intruded into Keewatin Greenstone. Along the major axis of the plug, the Dorval Siscoe Main Shear is located. The diamond drilling on Dorval Siscoe Gold Mines Ltd., shows it to strike approximately North 80° West and a drill hole on Que-On ground to the west on this strike shows that it persists through that property. Diamond Drill Hole Snowshoe No. 6 intersected the zone several hundred feet west of the Dorval Siscoe line.

In all, 2,770 feet of diamond drilling has been done. Holes No. 1 and 2 were drilled from Potter Island. No. 1 was drilled at 45° S 62° W. This hole intersected several strong shear zones in the andesite, 379' to 403' and 800' to 850'. These shears are approximately parallel to the Dorval Siscoe Main Break. The values in these shear zones were low. Hole No. 2 was drilled at 40°, N 32° E. The rocks cut in Holes Nos. 1 and 2 were largely greenstones intruded by acidic and basic dikes.

QUEBEC DEPARTMENT OF MINES  
MINERAL DEPOSITS BRANCH  
No G M- 426-~~7~~

Drill Holes Nos. 3 and 4 were drilled from a crib northwest of No. 7 Island. This crib was located to try to intersect the Dorval Siscoe Main Break but was placed too far North. Hole No. 3 was drilled at  $51^{\circ}$ , S  $32^{\circ}$  W. and No. 4 was drilled at  $50^{\circ}$ , N.  $22^{\circ}$  E. The rocks cut in these holes were largely greenstones with acidic and basic dikes.

Hole No. 5 was spotted at the end of Hole No. 3 to carry on the section but was unable to get down to ledge. Hole No. 6 was spotted 1200 ft. S.  $10^{\circ}$  W. of the crib and as nearly in line with the Dorval Siscoe drilling as possible. This hole was drilled at  $50^{\circ}$ , N  $10^{\circ}$  E. The Dorval Siscoe Main Break was cut at 125 feet and extended to 147 feet. The zone material consisted of schisted and talcose granodiorite with laminated quartz-carbonate stringers up to 10" in width and a feldspar porphyry dike about 10 feet in section width which is injected and replaced with vein quartz. The mineralization which is generally fair, consists of pyrite, chalcopyrite, galena and tourmaline. Attached is a copy of the log of the zone section with the assays.

It is my opinion, after a careful inspections and examination of the cores and logs of the various holes on the Snowshoe property, that geological conditions and structure along the strike of the Dorval-Siscoe Main Break, are similar to those which are known to exist on the adjoining Dorval Siscoe Gold Mines Ltd. and Siscoe Gold Mines Ltd and therefore underground exploration will be successful in disclosing ore bodies of comparable value and extent to those already developed within this shear zone.

It is further believed that the vein system, which is now partially developed in the adjoining West Siscoe property, will strike into the Snowshoe ground and that this parallel shear zone may also prove to be an important source of ore.

Val D'Or, Que.,  
September 1, 1937.

(Signed) K. C. Shaw,  
Mining Engineer.

EXTRACT FROM LOG OF SNOWSHOE HOLE No. 6.

From 70.0 to 137.5 feet, Granodiorite, normal to coarse grain, massive and has few quartz stringers along fractures. From 124 ft., the rock becomes fine grained, schisted and talcose with laminated quartz stringers which are lightly mineralized with pyrite, fine galena and some chalcopyrite.

Samples:

125.0-129.0	Schist with sparse pyrite.	No. 1080	4.0'	Tr.
129.0-132.5	Schist with 10" quartz carbonate vein which is well mineralized with galena, pyrite, chalcopyrite and tourmaline. The schist is well carbonated and has some disseminated pyrite.	No. 1081	3.5'	\$0.70
132.5-135.0	Schist, well carbonated with several small stringers which are well mineralized with chalcopyrite, pyrite, galena, and tourmaline	No. 1082	2.5'	\$0.35
135.0-137.5	Schist, similar to above	No. 1083	2.5'	\$30.52

From 137.5 to 147.0 feet, Feldspar porphyry, light acid, it is injected and in part replaced with vein quartz. The quartz is well mineralized with coarse galena, pyrite, chalcopyrite, and tourmaline.

Samples:

137.5-140.0	Porphyry, quartz 30%	No. 1084	2.5'	\$0.17
140.0-142.5	Porphyry, quartz 15%	No. 1085	2.5'	\$0.17
142.5-145.0	Porphyry, quartz 20%	No. 1086	2.5'	\$1.05
145.0-147.5	Porphyry contact with granodiorite, quartz 80%	No. 1087	2.5'	\$0.17

From 147.0 to 165.2 feet, Granodiorite, generally normal and massive.

C O P Y

## SNOWSHOE MINES

August 30, 1936

Que-On Mines, Ltd.  
34 Adelaide St.,  
Toronto, Ont.

Dear Sir:

The comments, here contained, will briefly cover the scope of the drilling campaigns intixted by this company on the properties in the Bourlamaque Siscoe Dristrict on which stock option are held.

This review will be a regular weekly feature and will cover in detail the results of the progress made up the time of writing.

SNOWSHOE MINES LTD.

Hole Number One was collared on the southwestern portion of which is known as Potter Island and was directed in a direction of Sout 62 deg. West at an inclination of 45 deg. The purpose of this hole was to prospect several observed shearings on the Island and at the same time to determine the geologic structure of the area lying to the southwest. It was further thought that, possibly some of the shearing or breaks coming through from the Shwkey-Gale-Parker Island section might be intersected. However, it is believed, that drilling from the Lake would have to be resorted to in order to cover that plan.

The section covered by this 850 foot hole passed through Keewatin lavas of andesitic composition which are cut by numerous dikes of feldspar porphyries, diorites, syenitess, and lamprophyre composition. The more numerous and larger narrow diorites and lamprophyres.

At 271 feet a two foot section containing about 40% quartz was intersected. This was barren of values. Narrow veinlets of quartz and carbonates are quite common but were found to be barren "in toto".

GM-426

C O P Y

Hole No. I was spotted on the southwestern portion of Potter Island and was pointed S 62° W at an inclination of 45°. The purpose of this hole was to get a cross section of the formation and also to prospect several shears which are observed on the island. This hole after some difficulty reached a depth of 850 feet passing through Keewatin lavas and dikes of porphyry, Diorite, syenite, etc. The more numerous and larger of these dikes are largely acid types as opposed to the narrow diorites and lamprophyres. Shortly before this hole reached the 850 foot point the extension of the K zone had been cut on the Dorval-Siscoe ground to the north and with this information it was felt that the next hole on the Snowshoe property should be spotted with a view to picking up the further extension of the K zone on the Snowshoe. Therefore, a crib was ordered and will be towed to a location approximately 1600 feet northwest of the #7 island and an effort will be made to cut the K zone at a depth of 300 to 400 feet.

September 2, 1936

TERRAIN SNOWSHOE M.  
PROPERTY

VASSAN - TWP.

TROU No. 111-6  
HOLE No. 1

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1  
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING

COMMENCÉ LE  
DATE BEGUN 1936

LAT. S 62° 00' DEP.

ANGLE 45 degrees

TERMINÉ LE  
DATE FINISHED

ELEVATION, ORIFICE  
ELEVATION, COLLAR

PROFONDEUR TOTALE  
TOTAL DEPTH 850'

JOURNAL PAR  
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	4.5	Casing					
4.5	69.5	Andesitic lava, fine grained, minor pyrite					
69.5	84	Feldspar porphyry, syenitic, small epidote alteration and minor pyrite.					
84	99.5	Andesite, coarse grained.					
99.5	118	Diorite porphyry, minor pyrite, predominant hornblend					
118	187	Rock slightly schisted, small amount talc, serpentine, chlorite, flat to drill hole					
187	211	Andesite					
211	213	Diorite porphyry					
213	222	Andesite, 215-217 several 1/8 and 1/4" stringers quartz					
222	228	Core lost					
228	242	Andesite, slightly coarser grain, becoming slightly schisted at 239'					
242	243	Andesite porphyry dike, much fine pyrite.					
243	257	Andesite					
257	260	Andesite porphyry dike, minor pyrite, abundant needles of actinolite					
260	289	Andesite, becomes distinctly coarser at 265, and fine at 282. 271-273, 40% qtz. and fair sulfides 2.0				2.0	nil
289	290	Fine grained diorite dike					
290	291	Andesite					
291	292	Feldspar porphyry dike, syenite					
292	295	Andesite					
295	299	Feldspar porphyry, syenitite					
299	308	Andesite, becomes finer grained at contact					
308	308.3	Feldspar porphyry dike, syenite					
308.3	327	Andesite fine grained but becoming coarser					
327	334	Fine grained feldspar porphyry dike syenitic 331-334 stringers of quartz and sulfides				3.0	nil
334	344	Andesite					
344	354	Feldspar porphyry dike, syenite, minor amount sulfides					
354	390	Andesite, more schistose toward 364 and extending to 367 Regular structure to 379, 379-390 schistose and talcy				3.0	nil

QUEBEC DEPARTMENT OF MINES  
 MINERAL DEPOSITS BRANCH  
 Sept 8 - 1939  
 No 426-3



TERRAIN  
PROPERTY SNOWSHOE M.

111-6  
TROU No. 1  
HOLE No. 1

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2  
SHEET No. 2

**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

SECTION \_\_\_\_\_

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING \_\_\_\_\_

COMMENCÉ LE  
DATE BEGUN \_\_\_\_\_

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED \_\_\_\_\_

ELEVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_

PROFONDEUR TOTALE  
TOTAL DEPTH \_\_\_\_\_

JOURNAL PAR  
LOGGED BY \_\_\_\_\_

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
390	393	Feldspar porphyry dike, syenite, some qtz and pyrite				3.0	nil
393	407	Andesite schist, talcose 400-403 very talcy minor pyrite qtz.str.				3.0	Tr
407	438	Andesite, moderately schisted, talcy and chloritic, at 428 There 1" quartz at 30 deg. to core					
438	439	Lamprophyre(?) dike, biotite					
439	580	Andesite, massive, chloritic, slightly talcy, 465.5-468 narrow quartz stringer					
580	582	Very talcy and schisted, core angle 30 deg.					
582	584	Lamprophyre dike, biotitic.					
584	587	Andesite, talcose					
587	589	Biotite lamprophyre dike					
589	594	Talcose, andesitic lava, at 591 and 592, are 1" lamprophyre dikes respectively					
594	603	Massive andesite					
603	604	Albitite dike. Very fine grained		602	605	3.0	nil
604	617	Massive andesite					
617	675	Massive andesite, from 617 to 645 are occasional stringers of carbonates, serpentine and quartz, 45 deg. Rock tends to a basalt. 667-674					
675	678	Andesitic lava, containing numerous, irregular, carbonate, talc quartz stringers, largest 3" wide and containing a fair quantity of pyrite		674	678	4.0	nil
678	694	A fine grained andesite					
694	695	Vein material, mostly carbonates and containing some quartz, lacking sulfides, contacts irregular but flat. True width of vein about 4"		694	696	2.0	nil
695	709	Andesitic, moderately chloritic and talcose, test on hold at 700' indicates an inclination of 41 deg.					

TERRAIN SNOWSHOE M.  
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

111-6  
TROU No. 1  
HOLE No. 1  
FRUILLE No. 3  
SHEET No. 3  
SECTION

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING

COMMENCÉ LE  
DATE BEGUN

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED

ELEVATION, ORIFICE  
ELEVATION, COLLAR

PROFONDEUR TOTALE  
TOTAL DEPTH

JOURNAL PAR  
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
709	714	Basic andesite or basalt. Possibly andesite a diabase dike. Darker in color and more coarse-grained than andesite, minor amounts of sulfides, definitely dike.					
714	785	Andesite, chloritic and moderately schisted. Occasional 1/8" bands serpentine. At 784 a 1" lamprophyre dike and from 761 to 785 the rock is more coarse grained and massive.					
785	800?	Dropped core and hole caved will probably have to be abandoned					
805	810	Core lost (chopped out)					
810	812	Talcy, basic andesitic lava					
812	818	Core lost					
818	822	Very talcy, soft basic andesite lava					
822	824	Feldspar porphyry dike (acid) medium grained, hornblende crystals, minor pyrite.					
824	834	Very talcose, soft, basic andeiste lava, contains scattered needles of actinolite (?)					
834	840	Core lost					
840	850	Talcy, chloritic, basic andesite, lava.					
	850	END OF HOLE					

TERRAIN PROPERTY SNOWSHOE M.

VASSAN - DUBUISSON TRWP

TROU No. 111-6  
HOLE No. 2

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1  
SHEET No. 1

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION \_\_\_\_\_

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING \_\_\_\_\_

COMMENCÉ LE  
DATE BEGUN 1936

LAT. N 30°E DEP. \_\_\_\_\_

ANGLE 40 degrees

TERMINÉ LE  
DATE FINISHED \_\_\_\_\_

ELÉVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_

PROFONDEUR TOTALE  
TOTAL DEPTH 234'

JOURNAL PAR  
LOGGED BY \_\_\_\_\_

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	7	Casing					
7	15	Andesite lava, normal, dark, fine-grained, massive					
15	17	Andesitic lava, @ 23' - 1/4" well mineralized quartz vein, at 25'					
17	33	well mineralized 1/2" quartz vein		25	26	1.0	0.2 DWT
33	34	Albitite dike quartz stringers		33.5	34.25	0.75	0.2 DWT
34	39	Normal type andesite, at 38' 4" of irregular injection of feldspar and quartz, moderate sulfides					
39	40	Albitized zone, moderate sulfides.					
40	49	Normal type of andesite					
49	50	Zone of fine grained albititic material					
50	52	Very fine grained, hard blocky andesitic lava					
52	55	Fine grained albitite dike, minor sulfides					
55	56	Fine grained, hard blocky andesite					
56	57	Albitite dike.					
57	58	Andesite as above					
58	62	Zone of albitization, moderate sulfides					
62	66	Andesite as above					
66	74	Andesite as above, 6" albitite dike at 66'					
74	75	Fine grained diorite dike, sharp contacts at 45 deg.					
75	76	Normal andesite					
76	78	Albitized, epidotized zone, minor quartz moderate sulfides.					
78	87	Normal andesite					
87	88	Fine grained, diorite dike, contacts sharp at 40 deg.					
88	108	Normal andesite					
108	114	Feldspar porphyry dike (monzonitic)					
114	116	Andesite					
116	123	Feldspar porphyry dike (monzonitic)					
123	124	Fine grained diorite					
124	126	Medium grained diorite, 6" feldspar-porph dike at 124'					
126	140	Andesite					
140	141	Quartzose, epidotized zone, moderate sulfides		140	141	1.0	0.4 DWT

QUEBEC DEPARTMENT OF MINES  
SEP 8 RECD 1949  
MINERAL DEPOSITS BRANCH  
No. 426

TERRAIN PROPERTY SNOWSHOE M.

111-6

TROU No. \_\_\_\_\_  
HOLE No. 2

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 2  
SHEET No. \_\_\_\_\_

**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

SECTION \_\_\_\_\_

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING \_\_\_\_\_

COMMENCÉ LE  
DATE BEGUN \_\_\_\_\_

I.A.T. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED \_\_\_\_\_

ELEVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_

PROFONDEUR TOTALE  
TOTAL DEPTH \_\_\_\_\_

JOURNAL PAR  
LOGGED BY \_\_\_\_\_

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
141	221	Normal andesite 209.6" to 209-10" quartzose albitite dike minor sulf. 213 to 213.6" same as above 217'8" is $\frac{1}{2}$ " well mineralized veinlet		213 217	214 218	1.0 1.0	0.2 0.2	DWT DWT
221	234	Fine to medium grained diorite						
	234	END OF HOLE						
		##### This hole will be deepened at some later date.						

## MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

## JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE  
CO-ORDINATES COLLARORIENTATION  
BEARING South 32 WestCOMMENCÉ LE  
DATE BEGUN

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE 51 degrees

TERMINÉ LE  
DATE FINISHEDÉLEVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_PROFONDEUR TOTALE 916'  
TOTAL DEPTHJOURNAL PAR  
LOGGED BY Osborne

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	42	Casing					
42	77	Fine gr. dior.?(intrusive?) possibly keewatin core badly broken. Frequent veinlets of epidote tiny feldspar phenocrysts replaced by epidote. Core angle 45°.	157	60.0	61.6	1.6	0.20
		60' 6" silicified, epidotized zone minor sul.					
		At 71', a 4" feldspar porphyry dike (acid) 20°					
77	87	Massive andesite lava, occasional veinlets epidote					
87	88.5	Fine grained diorite (?) dike.					
88.5	118	Andesitic lava, minor sulfides, slightly schisted	158	104	105	1.0	0.20
		104-105 silicified, schisted zone, mod. mineral					
118	120	Fine grained diorite dike, 50° (definit. int. keewatin					
120	126	volcanics (tuffs?)					
126	151	Biot. lamprophyre dike. First contact 50°. Minor sulfides, very little alt, last foot schisted at 50°.					
151	199	Granodiorite. Contains primary qtz. Some is bluish, but largely colorless, feldspars oligoclase to andesine. Med. light in color coarse grained, and porphyritic.	159	188	189	1.0	0.40
		188-189, two ½" qtz. strgs. at 45°	160	194	196	2.0	0.40
		194-196, moderately mineralized					
199	211	Fine grained Keewatin volcanics, slightly schisted					
		At 40 to 60 degrees minor sulfides					
		197-201 qtz stringers	161	197	201	4.0	0.20
		204-205.5 moderately mineralized	162	204	205.5	1.5	0.20
		From 206.5 to 209 three med.gr. hornblende diorite dikes, 3"-4" and 12" respectively					
211	216	Granodiorite, similar to type at 151-199 first cont. 60°					
		Second 400					
216	218	Med.gr. hornblende diorite dike. Abundant amphibole needles					
218	218.5	Granodiorite, same as above type					
218	220	Keewatin volcanics					
220	221	Two med. gr., hornblende, dior. dikes separated by 2" of keewatin, contacts are 50, 30, 45 and 50 degrees					

**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING \_\_\_\_\_

COMMENCÉ LE  
DATE BEGUN \_\_\_\_\_

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED \_\_\_\_\_

ELEVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_

PROFONDEUR TOTALE  
TOTAL DEPTH \_\_\_\_\_

JOURNAL PAR  
LOGGED BY \_\_\_\_\_

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
221	222	Keewatin						
222	242	Hornblende, dior. porphyry, similar to former hornbl. dior. except being coarsely porphyritic						
		236.5-237.5, 1" quartz stringer	163	236.5	237.5	1.0	0.20	
			164	240	242	2.0	0.20	
242	265	Andesitic lave. Contains occasional qtz str. 30 to 50°						
		247-249 qtz strgs in andesite lava	165	247	249	2.0	0.20	
<del>250</del>	<del>255</del>	250-255 " " " " "	166	250	255	5.0	0.20	
		255-260 same as 250-255	167	255	260	5.0	0.20	
		260-265 " " " " "	168	260	265	5.0	0.20	
265	266	Granod., same as earlier type contacts 60°						
266	274	Andesitic lave, moderately schisted, occasional qtz str., minor sulfides	169	265	270	5.0	0.20	
			170	270	274	4.0	0.20	
274	291	Normal granod., fine gr. moderately chloritized, serpentized and schisted, contain qtz stringers	171	274	280	6.0	0.20	
			172	285	287	2.0	0.20	
			173	287	288	1.0	0.20	
291	297	Granodiorite, same as earlier type at 151, qtz stringers, first contact 42° appears to be later than the normal granod.						
297	300	Normal granodiorite, fine grained	178	297.5	300.5	3.0	0.20	
300	337	Granodiorite (type B) coarsely porphyritic, contains abundant eyes of blue qtz, qtz stringers	174	308	313	5.0	0.20	
			175	317	321	4.0	0.20	
			176	329.5	333.5	4.0	0.20	
337	371	Andesitic lava	177	345	350	5.0	0.20	
		361-367 Moderately sheared, minor quartz str.	179	361	367	6.0	0.20	
371	378	Granodiorite (type C) same as at 151, contacts 45						
378	381	Andesitic lave, 377.5-381 qtz.strs	180	377.5	381	3.5	0.20	
381	387	Fine gr. dior.(?) may be keewatin volcanic						
387	428	Granodiorite (Type C) same as 151, contains inclusions from fraction of an inch to 3" of volcanics						

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC  
**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING \_\_\_\_\_

COMMENCÉ LE  
DATE BEGUN \_\_\_\_\_

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED \_\_\_\_\_

ELEVATION, ORIFICE  
ELEVATION, COLLAR \_\_\_\_\_

PROFONDEUR TOTALE  
TOTAL DEPTH \_\_\_\_\_

JOURNAL PAR  
LOGGED BY \_\_\_\_\_

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		391-392 two inch qtz.str. no mineralization	181 182	391 400	392 404	1.0 4.0	0.20 0.20
428	429	Andesitic lava					
429	431	Granodiorite (type C) same as at 151					
431	435	Andesitic lava					
435	443	Granodiorite (type C) first contact 30 Deg.					
443	549	Andesitic lava, contains numerous stringers of qtz and of Type C granodiorite	201	443	447	4.0	
		460-464 mixture of andesite & type CGD largely type C					
		520-539 andesite containing invasions of type C and making up 40% of rock					
549	550	Type C is contact 70 deg.					
550	553	Andesitic lave, at 556 a 2" qtz stringer well mineralized with chalc. 1st contact 40° second at 70° 550' 86" to 551.6	202			1.0	0.20
553	568	Type "C" second contact sharp at 37°					
568	576	Andesitic lava					
576	579	Type "C" contacts 40°					
579	597	Andesitic lave, 584-586 6", 8" qtz 20° sulf.	257	584	586.5	2.5	0.20
597	632	Silicified, albitized feldspar porphyry dike					
		Dioritic, 597-605 contains minor qtz. stringers	258 259	597 599.5	599.5 605	2.5 5.5	1.60 0.20
632	746	Series of med. basic to dior. feldsp. porphyritic dikes, Series is too variable to divide into separate dikes					
746	764	Keewatin volcanics					
764	769	Dioritic feldspar porphyritic dike, contacts 40 deg.					
769	809	Keewatin volcanics					
809	818	Dioritic feldspar porphyry dike					
818	842	Keewatin volcanics					
842	873	Feldspar porphyry dike, medium basis					
873	916	Keewatin volcanics					
	916	END OF HOLE					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 4  
 HOLE No. \_\_\_\_\_  
 FEUILLE No. 1  
 SHEET No. \_\_\_\_\_  
 SECTION \_\_\_\_\_

COORDONNÉES ORIFICE  
 CO-ORDINATES COLLAR  
 LAT. \_\_\_\_\_ DEP. \_\_\_\_\_  
 ÉLEVATION, ORIFICE  
 ELEVATION, COLLAR \_\_\_\_\_

ORIENTATION  
 BEARING N 22° E  
 ANGLE 50°  
 PROFONDEUR TOTALE  
 TOTAL DEPTH 433.0'

COMMENCÉ LE  
 DATE BEGUN  
 TERMINÉ LE  
 DATE FINISHED Dec. 18 1936  
 JOURNAL PAR  
 LOGGED BY Dec. 24 1936  
 by K.C.S.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	37	Casing					
37	94	Keewatin volcanics (?) black colour, hard, missive, Basaltic tecture, some pyrite and epidote along the fractures. At 60' 2" qtz stringer at 20° to core, not mineralized. From 73' lightly schisted at 20° to core. Some small qtz-carbonate strgs. Considerable magnetite and some pyrite.					
94	99.2	Disbase dike, med.gr. fresh, massive, tr. of pyrite.					
99.2	115.0	Keewatin volcanics, fine gr., black, fairly massive conchoidal fract., Min. along the fract. with epidote, pyr. and some chalcopryrite.					
115.0	119.0	Feldspar porphyry dike, med.acid, has some fine desseminated sulphides, mostly all pyrite. Second contact at 45°.					
119.0	151.0	Keewatin volcanics, fine grain, moderately schisted at low angle to core. Some epidote and chlorite developed along the shear planes. Minor pyrite.					
151.0	165.0	Feldspar porphyry dike, med.basic. Minor sulphides, both contacts at 45°.					
165.0	190.0	Keewatin lave, fine grained, black colour, massive, cons. magnetite and minor pyrite. Few small strgs with pyrite and epidote.					
190.0	246.0	Granodiorite, contact gradational. Section begins fine gr. and at 200 becomes normal grain. Light gray-green colour has few small strgs of sugary qtz-carbonate with some minor pyrite and chalcopryrite mineralization.					
246.0	256.0	Keewatin volcanics, fine gr., black colour, massive, sheared at low angle to core.					
256.0	256.7	Feldspar porphyry dike, med basic, first contact merged, second at 20° to core.					
256.7	377.8	Keewatin lave (?) fine gr., dark colour, lightly schisted with some small local bands of heavy schisting at low angle					



TERRAIN SNOWSHOE M.  
PROPERTY

TROU No. 111-6  
HOLE No. 4  
FEUILLE No. 2  
SHEET No.  
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC  
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

ORIENTATION  
BEARING

COMMENCÉ LE  
DATE BEGUN

LAT. \_\_\_\_\_ DEP. \_\_\_\_\_

ANGLE \_\_\_\_\_

TERMINÉ LE  
DATE FINISHED

ELEVATION, ORIFICE  
ELEVATION, COLLAR

PROFONDEUR TOTALE  
TOTAL DEPTH

JOURNAL PAR  
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
		to the core, small minor qtz str with some pyrite. Fract. filled with epidote and qtz with some pyr. 344.6-346.2						
		9" sugary qtz vein with chl. and pyr. 367.5-369.5 albatized, silicified zone with pyrite.	379 381	367.5	369.5	2.0 2.0	Tr	0.10
377.8	379.0	Albatite dike, light greenish yellow colour, has some qtz str with pyrite and epidote. First contact at 45°	380	377.8	379.3	1.5		0.10
379.0	425.4	Keewatin volcanics, fine gr., basic, lightly sheared and has some str of qtz carb. with pyr. at low angle to core						
		390.3-392.2, 2" qtz str at 20° with some pyr. and tourm.	382	390.3	392.2	1.7	Tr	
		404.5-407.2 <del>sil</del> albatized zone with some pyr.	383	404.5	407.2	2.7		0.10
		408.0-410.5 Albatized zone with qtz carb. str. and some pyr.	384	408.0	410.5	2.5		0.40
425.4	428	Feldspar porphyry dike, med. basic, first contact 45°						
428.0	433.0	Keewatin volcanics, slightly schisted at low angle to core. Has some small str of qtz-carb. with some pyrite.						
	433.0	END OF HOLE						

TERRAIN SNOWSHOE M. MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC  
PROPERTY

FEUILLE NO. 1  
SHEET NO.

## JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 337.0'  
TOTAL DEPTH

COORDONNÉES ORIFICE  
CO-ORDINATES COLLAR

TROU NO. 6  
HOLE NO.

SECTION \_\_\_\_\_

LAT. \_\_\_\_\_ DEP \_\_\_\_\_

JOURNAL PAR K.C.S.

ÉLÉVATION, ORIFICE  
ELEVATION, COLLAR

LOGGÉ PAR  
DRILLED BY  
COMMENCE LE Feb 17 1937  
DATE BEGUN

ORIENTATION N 20° E  
BEARING

TERMINÉ LE Feb 25 1937  
DATE FINISHED

ANGLE 50°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	70.0	Casing						
70.0	137.5	Granodiorite, normal to moderate coarse grain, massive and has few qtz strs along fractures. From 124', the rock becomes fine grained, schisted and talcose with laminated qtz strs which are lightly mineralized with pyrite, fine galena and some chalcopryrite						
		125.0 - 129.0, schist with sp. pyr. 1080				4.0	Tr.	
		129.0 - 132.5, Schist with 10" qtz-carbonate which is well mineralized with galena, pyrite, chalcop. and tourm. The schist is well carbonated and has some Disséminated pyr. 1081				3.5	0.40	
		132.5 - 135.0, Schist. well carbonated, has several small strs which are well mineral. with chalcopryrite, pyrite, galena and tourm.						
		1082				2.5	0.20	
		135.0 - 137.5, schist, sim. above 1083				2.5	17.44	
137.5	147.0	Feldspar porphyry, light acid, which is injected and in part replaces with vein qtz. The qtz, is well mineralized with coarse galena, pyr. and chalc. and tourm.						
		1084	137.5	140.0	2.5	0.10	Quartz 30%	
		1085	140.0	142.5	2.5	0.10	" 15%	
		1086	142.5	145.0	2.5	0.60	" 20%	
		1087	145.0	147.5	2.5	0.10	" 80%	
147.0	165.2	Granodiorite, normal and massive, there is a 3" white qtz vein at 157'. From 147-150 is lightly schisted.						
		1088	147.5	150.0	2.5	Tr		
165.2	177.4	Quartz feldspar porphyry						
177.4	180.0	Granodiorite, normal type						
180.0	187.0	Quartz feldspar porphyry with some granodiorite inclusions. The porphyry in the core is parallel to the inclusions; second contact at 20°						
187.0	246.0	Granodiorite, generally normal to coarse grain and fairly massive. There are some few small quartz strs and some few small albite zones. From 230' the rock becomes finer gr. Slightly schisted and altered. There is some chloritizations.						

TERRAIN SNOWSHOE M. MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC  
 PROPERTY JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 2  
 SHEET NO.

PROFONDEUR TOTALE \_\_\_\_\_  
 TOTAL DEPTH \_\_\_\_\_  
 SECTION \_\_\_\_\_  
 JOURNAL PAR \_\_\_\_\_  
 LOGGED BY \_\_\_\_\_  
 COMMENCÉ LE \_\_\_\_\_  
 DATE BEGUN \_\_\_\_\_  
 TERMINÉ LE \_\_\_\_\_  
 DATE FINISHED \_\_\_\_\_

COORDONNÉES ORIFICE \_\_\_\_\_  
 CO-ORDINATES COLLAR \_\_\_\_\_  
 LAT. \_\_\_\_\_ DEP \_\_\_\_\_  
 ÉLÉVATION, ORIFICE \_\_\_\_\_  
 ELEVATION, COLLAR \_\_\_\_\_  
 ORIENTATION \_\_\_\_\_  
 BEARING \_\_\_\_\_  
 ANGLE \_\_\_\_\_

TROU NO. 6  
 HOLE NO.

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
246.0	260.0	Feldspar porphyry, dioritic to syenitic, coarse.						second contact at 30°
260.0	297.0	Granodiorite, fine to normal grain, dark coloured and basic. Generally massive and lightly chloritized. From 289', it becomes finer grained. Very few Qtz str.						
297.0	298.5	Feldspar porphyry, syenitic						
298.5	301.0	Granodiorite, fine grained, altered, chloritized and slightly albitized.						
301.0	315.0	Feldspar porphyry, syenitic						
315.0	328.5	Granodiorite, med. gr. slightly chloritized, few small Qtz. str.						
328.5	333.5	Feldspar porphyry, medium basic, lightly albitized, second contact at 45°						
333.5	337.0	Granodiorite, medium coarse grain, fairly massive.						
	337.0	END OF HOLE						