

GM 25485

DIAMOND DRILL HOLE, BARRAUTE TOWNSHIP PROPERTY

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Énergie et Ressources
naturelles

Québec 

16 JAN 1970

SERVICE DES GITES MINÉRAUX

No GM- 25485

DENAIN SYNDICATE

Barraute Township Property

Diamond Drill Hole KD-4

Location: Range VIII - Lot 51.
Claim 1 - Certificate 259649.
Line 10+E. Station 0+50 N.

Strike: South.

Dip: 55° at collar, 42°30' at 300 feet.

Length: 300 feet.

Started: October 29, 1969.

Finished: November 5, 1969.

Drilled by: L.J. Baker Diamond Drilling Co. Ltd.

Logged by: G.H. Dumont, P. Eng.

Assayed by: Bourlamaque Assay Office Reg'd.

0.0- 40.0 Casing.

40.0- 98.0 Coarse-grained dark green massive intrusive hornblendite.

98.0-104.6 Fine-grained dark green pinkish syenite dyke.
Mineralized with disseminated pyrite.
98.0 - 85° contact.
104.6 - 20° contact.

104.6-114.5 Medium- to coarse-grained altered grey-green hornblendite.
106.6 - 2" mineralized with coarse pyrite.
108.5-111.0 Syenite gabbro dyke at 75°.
112.7-114.0 Well epidotized and mineralized with pyrite.

114.5-133.0 Fine-grained grey andesitic massive dyke.
Well mineralized with disseminated cubic pyrite.
Chloritized and carbonatized.
114.5 - 45° contact.
133.0 - 60° contact.

133.0-174.8 Siliceous and sericitized (slightly) fragmental volcanics.
Mineralized with disseminated fine-grained pyrite and pyrrhotite. 60°.
Schistose, from 133.0 to 142.0.

- 138.0-139.0 Quartz with sparse pyrite-pyrrhotite
and chalco.
Several grey mineral streaks
(graphite?)
- 174.8-196.0 Interbedded graphitic tuffs and sericitized siliceous
tuffs and fragmental volcanics. 75° - 85°.
Mineralized with 3% to 6% pyrite and pyrrhotite
throughout.
179.6 - 3" massive pyrrhotite in graphitic tuffs.
182.2 - 2" ditto.
183.0 - 6" "
184.0 - 3" "
195.5 - 3" "
- 196.0-265.8 Massive light grey rhyolitic volcanics.
Altered.
Disseminated fine-grained pyrite and pyrrhotite.
202.5-203.1 Fine-grained grey impure quartzite.
75° contacts.
Intermediate composition.
Disseminated sulphides.
210.0-210.9 Ditto.
213.2-215.2 "
- 265.8-280.0 Massive grey impure quartzite.
Even and medium-grained.
265.8 - 60° contact.
- 280.0-290.4 Mixture of graphitic tuffs and fine-grained intermediate
tuffs.
- 290.4-295.6 Massive grey medium- to coarse-grained impure quartzite.
Disseminated sulphides.
- 295.6-300.0 Massive light grey rhyolitic volcanics.
Disseminated fine-grained sulphides.
- - - - - End of Hole - - - - -

Samples taken - Assay Results

<u>Sample No.</u>	<u>Footage</u>	<u>Width</u>	<u>Au oz</u>	<u>Ag oz</u>	<u>Cu %</u>	<u>Ni %</u>	<u>Pb %</u>
KD 4 - 1	100.0-103.0	3.0'	Nil				
KD 4 - 2	106.0-107.0	1.0'	Nil				
KD 4 - 3	112.5-114.0	1.5'	Nil			Trace	
KD 4 - 4	117.5-120.0	2.5'	Nil				
KD 4 - 5	125.0-127.5	2.5'	Nil				
KD 4 - 6	127.5-130.0	2.5'	Nil				
KD 4 - 7	130.0-133.0	3.0'	Nil				
KD 4 - 8	138.0-139.0	1.0'	Nil	0.02	0.07		Nil
KD 4 - 9	177.0-180.0	3.0'	Nil	0.03	0.05		
KD 4 - 10	182.0-185.0	3.0'	Nil	0.03	0.05		

<u>Footage</u>	<u>Dip</u>	<u>Mean Angle</u>	<u>V. P.</u>	<u>T.V.P.</u>	<u>H. P.</u>	<u>T.H.P.</u>
0	55-00					
100	50-50	52-55	79.78		60.30	
200	46-40	48-45	75.18	154.96	65.93	126.23
300	42-30	44-35	70.19	225.15	71.22	197.45
			<hr/>		<hr/>	
			225.15		197.45	

DENAIN SYNDICATE

Barraute Township Property

Diamond Drill Hole KD-5

Location: Range VIII - Lot 51.
Claim 1 - Certificate 259649.
Line 12+E. Station 0+00.

Strike: South.

Dip: 55° at collar, 51° at 326 feet.

Length: 326 feet.

Started: November 6, 1969.

Finished: November 10, 1969.

Drilled by: L.J. Baker Diamond Drilling Co. Ltd.

Assayed by: Bourlamaque Assay Office Reg'd.

Logged by: G.H. Dumont, Cons. Eng.

0.0- 63.0 Casing.

63.0-193.0 Coarse-grained massive dark green intrusive hornblendite.
70.5 - Quartz-carbonate thread with chalco at 50°.
83.0- 88.0 Much coarse feldspar.
(Syeno-gabbro phenos).
104.0-175.0 Altered and scattered talcose bands.

193.0-220.2 Fine-grained dark pinkish massive syenite.
Disseminated fine-grained pyrite (Cubic).
Scattered fractures with hematite stains.
193.0 - 55° contact.

220.2-230.8 Carbonate-talc-chlorite schist.
Sheared. 85°.
Disseminated cubic pyrite.

230.8-246.0 Massive light grey siliceous volcanics. Fragmental.
Mineralized with pyrite and pyrrhotite.

246.0-254.0 Massive grey medium-grained impure quartzite.

254.0-278.0 Massive light grey siliceous coarse-grained volcanics.
Mineralized with pyrite and pyrrhotite and scattered fine-grained chalco.
Scattered quartz-carbonate threads and stringers.
256.0-257.0 Scattered heavy pyrrhotite and chalco stringers.

257.0-258.0 Pitted and leached core.
259.0-260.5 Silicified and well mineralized with
 fine-grained pyrite, pyrrhotite and chalco
 267.5-271.2 Medium-grained altered tuffs.
271.2-276.5 Highly silicified. 80% quartz.
 271.2-272.5 Disseminated fine-grained
 pyrite-pyrrhotite-chalco.
 272.5-276.5 Numerous streak of blue
 mineral (graphite or tetra-
 dyanite?)
 273.5-276.5 Mineralized with coarse
 pyrrhotite-chalco streaks.

278.0-301.0 Graphitic tuffs at 85°.

Scattered pyrite-pyrrhotite threads.

Scattered carbonate threads and stringers.

292.0-300.0 Schistose and ground core.

301.0-326.0 Mixed graphitic tuffs and sericitized tuffs.

Mineralized chiefly with pyrrhotite.

Scattered carbonate stringers and threads.

- - - - - End of Hole - - - - -

<u>Footage</u>	<u>Dip</u>	<u>Mean Angle</u>	<u>V. P.</u>	<u>T.V.P.</u>	<u>H. P.</u>	<u>T.H.P.</u>
0	53-00					
100	53-46	54-23	81.29		58.24	
200	52-33	53-09	80.03	161.32	59.96	118.20
300	51-19	51-56	78.73	240.05	61.66	179.86
326	51-00	51-09	<u>20.25</u>	260.30	<u>16.30</u>	196.16
			260.30		196.16	

Samples taken - Assay Results

<u>Sample No.</u>	<u>Footage</u>	<u>Width</u>	<u>Au oz</u>	<u>Ag oz</u>	<u>Cu %</u>	<u>Bi %</u>	<u>Pb %</u>
KD-5 - 1	254.0-256.0	2.0'	Nil	0.05	0.08		
KD-5 - 2	256.0-257.5	1.5'	0.01	0.54	0.62		
KD-5 - 3	257.5-259.0	1.5'	Trace	0.19	0.22		
KD-5 - 4	259.0-260.5	1.5'	0.01	0.53	0.72		
KD-5 - 5	260.5-265.0	4.5'	Trace	0.07	0.07		
KD-5 - 6	265.0-267.5	2.5'	0.01	0.20	0.07		
KD-5 - 7	267.5-271.0	3.5'	Trace	0.11	0.05		
KD-5 - 8	271.0-272.5	1.5'	Trace	0.69	0.45		
KD-5 - 9	272.5-273.5	1.0'	Nil	0.06	0.07	Nil	Nil
KD-5 - 10	273.5-275.0	1.5'	0.01	1.73	1.32	Nil	Trace
KD-5 - 11	275.0-277.0	2.0'	0.01	0.63	0.60	Nil	Nil

Averages:

256.0-260.5 0.42oz Ag, 0.52% Cu over 4.5 feet.

271.0-277.0 0.83oz Ag, 0.66% Cu over 6.0 feet.

including:

273.5-277.0 1.10oz Ag, 0.91% Cu over 3.5 feet.

DENAIN SYNDICATE

Barraute Township Property

Diamond Drill Hole KD-6

Location: Same as Hole KD-5.
Lot No. 51. Range VIII.
Claim 1, Certificate 259649.
Line 12+E. Station 0-00.

Strike: South.

Dip: 75° at collar, 62°30' at 400 feet.

Length: 401 feet.

Started: November 11, 1969.

Finished: November 13, 1969.

Drilled by: L.J. Baker Diamond Drilling Co. Ltd.

Logged by: G.H. Dumont, P. Eng.

Assayed by: Bourlamaque Assay Office Reg'd.

0.0- 50.0 Casing.

50.0-215.8 Coarse-grained dark green massive intrusive hornblendite.
52.0 - A few coarse $\frac{1}{4}$ " to $\frac{1}{3}$ " cubes of pyrite.
60.0- 66.0 Scattered coarse light grey feldspar.
94.0-127.0 Scattered epidote threads.
103.0 - $\frac{1}{2}$ " carbonate stringer at 50°.
118.0 - $\frac{1}{2}$ " " " at 45°.
130.8-132.5 Fine-grained altered hornblende and schistose. 55°.

215.8-235.3 Fine-grained massive dark grey pinkish syenite.
Scattered hematite stained fissures.
215.8, 75° contact.
Disseminated fine-grained pyrite.
220.4 - Coarse feldspathic bleb mineralized with pyrite and chalco.
221.8 Ditto.
235.3, 85° contact.

235.3-246.0 Medium- to coarse-grained hornblendite. Massive.
245.0-246.0 Disseminated pyrite and fine-grained chalco.
246.0, 60° contact.

246.0-249.7 Biotite-hornblende-carbonate-chlorite schists.
60°-80°.

- 248.0-249.0 Well mineralized with coarse cubic pyrite.
- 249.7-253.0 Chlorite-carbonate schist.
- 253.0-269.0 Altered and carbonatized acidic and schistose agglomerate.
Mineralized with fine-grained pyrite and pyrrhotite.
- 266.0-257.5 Low angle $\frac{1}{2}$ " carbonate stringer with crystallized galena.
- 269.0-279.0 Graphitic tuffs. Coarse-grained.
Mineralized with pyrite and pyrrhotite threads.
Disseminated carbonate threads.
- 279.0-301.5 Altered, carbonate acidic agglomerate.
Mineralized with pyrite and pyrrhotite.
Odd fine-grained specks of chalco.
- 301.5-367.0 Chiefly fine-grained graphitic tuffs.
Scattered carbonate threads.
Well mineralized with fine-grained pyrite and pyrrhotite.
- 334.0-336.5 Brecciated and coarse sulphides.
Specks of chalco.
- 367.0-401.0 Fine- to medium-grained grey massive altered tuffs.
Acidic.
Mineralized with fine-grained pyrite and pyrrhotite.
- 372.0-373.0 Scattered fine-grained chalco specks.
- 383.0-392.0 Fine-grained and graphitic.

- - - - - End of Hole - - - - -

<u>Footage</u>	<u>Dip</u>	<u>Mean Angle</u>	<u>V. P.</u>	<u>T.V.P.</u>	<u>H. P.</u>	<u>T.H.P.</u>
0	75-00					
100	71-53	73-26	95.85		28.50	
200	68-46	70-19	94.16	190.01	33.67	62.17
300	65-39	67-12	92.19	282.20	38.74	100.91
401	62-30	64-04	<u>90.83</u>	373.03	<u>44.16</u>	145.07
			373.03		145.07	

Samples taken - Assay Results

<u>Sample No.</u>	<u>Footage</u>	<u>Width</u>	<u>Au oz</u>	<u>Ag oz</u>	<u>Cu %</u>	<u>Pb %</u>
KD-6 - 1	220.0-222.0	2.0'	Nil		0.03	
KD-6 - 2	245.0-246.0	1.0'	0.01		0.05	
KD-6 - 3	248.0-249.0	1.0'	Trace		0.03	
KD-6 - 4	266.0-267.5	1.5'		0.16		1.75
KD-6 - 5	334.0-336.5	2.5'	Trace	0.01	0.05	

DENAIN SYNDICATE

Barraute Township Property

Diamond Drill Hole KD-7

Location: Lot 52 - Range VIII.
Claim 2 - Certificate 259649.
Line 18+E. Station 9+00 S.

Strike: South.

Dip: 58° at collar, 53°15' at 370 feet.

Length: 370 feet.

Started: November 14, 1969.

Finished: November 21, 1969.

Drilled by: L.J. Baker Diamond Drilling Co. Ltd.

Assayed by: Bourlamaque Assay Office Reg'd.

Logged by: G.H. Dumont, Cons. Eng.

0.0- 26.0 Casing.

26.0-152.0 Pinkish medium-grained carbonatized syenite.
Disseminated magnetite.
Scattered quartz-carbonate stringers and threads.
68.0-72.0 Disseminated pyrite, specks of chalco.
Slightly silicified.

152.0-171.0 Contact Zone.
Syenite is darker and well fractured.
About 25% lost core.

171.0-175.0 Schistose chloritized and carbonatized volcanics.
Disseminated pyrite and specks of chalco.

175.0-186.0 Massive basic and carbonatized fine-grained volcanics.
Sparse pyrite.
177.0 - 6" mineralized pink syenite.

186.0-201.0 Chlorite-carbonate schist.
60° to 70°.
Derived from hornblendite ?
Disseminated pyrite.
186.0-192.0 Very well mineralized with pyrite.
Specks of chalco.

201.0-233.0 Well altered, chloritized and well carbonatized in
numerous stringers and threads.
Mineralized with pyrite.
Hornblendite.

Disseminated chalc at 216.5.
222.0-225.0 Lost core.

233.0-273.0 Altered massive intermediate volcanics.
Light green.

273.0-287.0 Fine-grained dark pink syenite.
Scattered quartz-carbonate stringers.
Disseminated pyrite.
Nearly 90° contacts.
A few reddish fractures.

287.0-313.0 Massive altered medium-grained porphyritic volcanics.
Intermediate composition. Light grey.

313.0-338.0 Grading into fine-grained massive light grey volcanics.
Intermediate composition.

338.0-347.0 Coarse massive agglomerate.
Chloritized ground mass mineralized with pyrite.
Light grey acidic coarse fragments.

347.0-357.5 Intermediate to acidic altered massive volcanics.

357.5-370.0 Massive grey dioritic or andesitic dyke.

- - - - - End of Hole - - - - -

<u>Footage</u>	<u>Dip</u>	<u>Mean Angle</u>	<u>V. P.</u>	<u>T.V.P.</u>	<u>H. P.</u>	<u>T.H.P.</u>
0	58-00					
100	56-43	57-21	84.20		53.94	
200	55-26	56-04	82.97	167.17	55.81	109.75
300	54-09	54-47	81.70	248.87	57.65	167.40
370	53-15	53-42	<u>56.41</u>	305.28	<u>41.44</u>	208.84
			305.28		208.84	

Samples taken - Assay Results

<u>Sample No.</u>	<u>Footage</u>	<u>Width</u>	<u>Au oz</u>	<u>Cu %</u>	<u>Ag oz</u>
KD-7 - 1	68.0- 72.0	4.0'	Nil	0.02	
KD-7 - 2	171.0-175.0	4.0'	Nil	0.02	
KD-7 - 3	175.0-177.5	2.5'	Nil	0.02	
KD-7 - 4	186.0-188.0	2.0'	Nil	0.07	0.04
KD-7 - 5	188.0-190.0	2.0'	Nil	0.07	0.03
KD-7 - 6	190.0-192.0	2.0'	Nil	0.08	0.03
KD-7 - 7	192.0-195.0	3.0'	Nil	0.07	
KD-7 - 8	195.0-198.0	3.0'	Nil	0.07	
KD-7 - 9	198.0-201.0	3.0'	Nil	0.08	
KD-7 - 10	201.0-205.0	4.0'	Nil	0.07	
KD-7 - 11	205.0-210.0	5.0'	Nil	0.08	
KD-7 - 12	210.0-215.0	5.0'	Nil	0.08	
KD-7 - 13	215.0-220.0	5.0'	Nil	0.05	
KD-7 - 14	338.0-343.0	5.0'	Nil		
KD-7 - 15	343.0-347.0	4.0'	Nil		
<u>Average:</u>	186.0-215.0	29.0'		0.075% Cu	