

# GM 05481

DIAMOND DRILL REPORT, SURFACE LAKE EXPANSE

Documents complémentaires

*Additional Files*



Licence



Licence

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Énergie et Ressources  
naturelles

Québec 

**BELLETERRE QUEBEC MINES LTD.**

Date June / 1956

Hole No. L-84

Job Surface Lake Expansa

Last Footage Reported 694 Ft.

Location R. 20346 - C. 493-C

Period \_\_\_\_\_

**Surveys**

At 0 Dip -45 Bearing East

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By JAP

\_\_\_\_\_ ft.

\_\_\_\_\_ ft.

Lat: 3809

Dept: 14372

From	To	Description of Core	Sludge	Core
0.0	5.0	CASING.		
5.0	26.0	Sediments, light grey arkosic lightly silic'd in local sections discon'd pyrite opal't Qtz. eyes. Fine Gr. narrow sections of Chert CA--20° Sampled as to follows:-		
	5.0 - 10.0		#4733	TR.
	10.0 - 15.0		#4734	TR. 5.429
	15.0 - 20.0		#4735	TR.
	20.0 - 25.0		#4736	TR.
26.0	46.0	Lamprophyre		
46.0	275.0	Med Gr. Lava Mod to highly Sh'd CA--20°		
	48.0 - 51.0	Lampr.		
	53.5 - 152.5	Lampr.		
		with narrow sect's of Lavas.		
	152.5 On:	CARB'd Lavas Mod Sh'd CA--30-45°		
	168.0 - 173.0	Lampr.		
	235.0 - 248.5	Becoming lighly brecc'd with sections of heavy silic'd dessem'd sulphides (pyr.Pyrrh.)		
	240.0 - 245.0		#4737	2.10
	245.0 - 248.5		#4738	9.80
	@ 250.0	CA--45°		

MINISTRE DES MINES  
JUN 9 1957  
RECU

QUEBEC DEPARTMENT OF MINES  
AUG 21 1957  
MINERAL DEPOSITS BRANCH  
No G.M. 5481

J. A. [Signature]  
Engineer in Charge.  
26797

DIAMOND DRILL REPORT NO.

Date: /1956

Hole No. L-84

Job Surface

Last Footage Reported Ft.

Location

Period

Surveys  
At Dip Bearing

From To

ft.  
ft.  
ft.

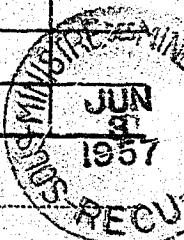
Core Logged By

Lat:  
Dept:

From	To	Description of Core	Sludge	Core
275.0	284.0	Sediments bedding Mod'y developed. Becc'd. & Silic'd in sections with heavy pyrite CA--70°		
	275.0 - 280.0		#4734-	1.40
	280.0 - 284.0		#4740-	1.40
284.0	393.0	Fine Gr. lava lightly Sh'd Y carbonated		
	311.5 - 313.5	Silic'd Seds. considerable pyrite	#47410	2.80
	320.0 On:	Becoming mod to coarse Gr. dioritic frogs back.		5499
	334.0 - 350.0	Lampr.		
	368.0 On:	Becoming fine Gr.		
393.0	411.0	Cherty sediments CA-- 20-30° undisturbed		
	421.0 - 427.5	Lampr.		
427.5		Fine to Med Gr. Lavas - Comp. Mass. prob. widely spaced pillows -		
	454.5 - (518.5) 461.0	Lampr.		
	509.8 - 518.5	Lampr.		
	530.3 - 532.5			
		694.0 END OF HOLE		
		Survey at 500.0:-		
		Bear.:- 57°E Mag. Dip:- 35°		

J.A. [Signature]  
Engineer in Charge.

76799



DIAMOND DRILL REPORT NO.

Date June /1956.

Hole No. L 85-

Job Surface Lake Expansion

Last Footage Reported 650 Ft.

Location R 20346

Period \_\_\_\_\_

Surveys  
At 0 Dip -45 Bearing East

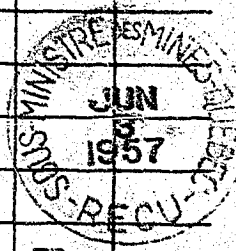
From \_\_\_\_\_ To \_\_\_\_\_

ft. \_\_\_\_\_  
ft. \_\_\_\_\_  
ft. \_\_\_\_\_

Core Logged By J A P F G H

Lat.: 3640  
Dept: 14370

From	To	Description of Core	Sludge	Core
0.0	10.0	CASING		
10.0	81.8	Med to fine Gr. Lavas Massive		
		22.0 - 25.5 Fine Gr. dike		
		38.5 - 53.0 Lampr.		
		62.0 - 64.0 Lampr.		
81.8	118.5	Cherty Tuff & Agglom.'te mod brecc'd & silic'd		
		dessem'd pyrite --- CA--30°		
		87.0 - 92.5 Lampr.		5199
		Tuff sampled as follows:-		
		81.8 - 87.0	#4744	TR.
		92.5 - 100.0	#4745	TR.
118.5		Med Gr. Lava-- Massive		
		147.0 On: pillows ordely spaced.		
		156.0 - 159.8 Lampr.		
		171.0 - 176.5 "		
		211.0 On: Grading to med to coarse Gr. dioritic		
		lava.		
		232.0 - 244.8 Lampr.		
		244.8 - 260.0 Med to highly carb'd & silic'd		
		fine pyrite-		
		Mod Sh'd CA-- 70°-		
		254.0 - 257.0	#4747	TR.
		257.3 - 258.5 Lampr.		



*J. A. P. F. G. H.*  
Engineer in Charge.  
**26799**

DIAMOND DRILL REPORT NO.

Date 1956

Hole No. L-85

Job Surface

Last Footage Reported \_\_\_\_\_ Ft.

Location \_\_\_\_\_

Period \_\_\_\_\_

Surveys

At Dip Bearing

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

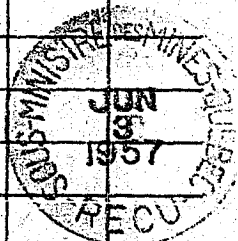
\_\_\_\_\_ ft.

Lat.:

\_\_\_\_\_ ft.

Dept:

From	To	Description of Core	Sludge	Core
		260.0 On: Lightly brecc'e'd -- Carb. lacings.		
		302.0 - 307.2 Lampr.		
		331.0 On: Lightly Sh'd CA-- 20°		
		340.8 - 342.0 Lampr.		
		345.5 - 347.2 Lampr.		
		361.0 2" Section of cherty material-		
		376.0 On: Becoming comp. Massive.		
		417.0 - 418.0 Lampr.		5499
425.0		Fine pillow lavas massive faint pillow vms.		
		478.2-- 483.1 Lampr.		
521.0	On:	Grading to med Gr. frogs back type- pillow Lavas		
563.0		Med grading to fine Gr. pillow lavas.		
		650.0 END OF HOLE		
		D.D. H. L-85 SURVEYS--		
		FOOTAGE BEAR. DIP.		
		250.0 N87° E (Mag) -42°		
		500.0 " -34°		



*J. A. [Signature]*  
Engineer in Charge.  
26799

DIAMOND DRILL REPORT NO.

Date June /1956

Hole No. L-86

Job Surface- Lake E xpans

Last Footage Reported Ft.

Location

Period

Surveys  
At 0 Dip 45 Bearing S 33 E

From To

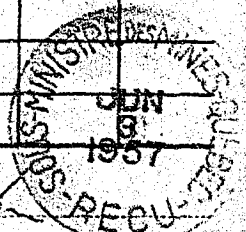
250 ft.  
500 ft.  
Results not satisfactory

Core Logged By J. A. P. FGH.

Lat.: 3460  
Dept: 14260

From	To	Description of Core	Sludge	Core
0.0		0.0 - 10.0 CASING		
		11.0 - 12.5 L. Core #		
11.0		Fine Gr. pillow Lavas weathered pillow rims lightly Sh'd & Alt'd--CA--30°		
		17.0 - 18.6 Lampr.		
		to - 3- 72.0 Lampr,		
		94.0 - 100.2 Coarse		
		Gr. Lampr. soaked & Lampr. Cubic py: Greyish		5300
100.0		Slightly higher alt'n & Sh. CA--25°		
		114.6 - 118.4 Bluish- Grey banded Tuff.		
		CA-- 20 - 25°		
125.0		Alt'n dying out little carbonate very lightly alt'd & Sh'n.		
		175.0 fairly heavy Alt'n & Sh'g in sections		
		CA- 20-30° grading to Mod Alt'd & Sh'd		
270.0		Mod to lightly Alt'd & Sh'd CA-- 35-40°		
		@ 274.0 CA-- 55°		
		Alt'n patchy.		
		296.0 - 297.0 L.C.		
		297.6 - 309.0 Almost a lampr. Sh'd CA-- 50°		
		Alt'n dying out		
		327.0 - 333.6 Lampr.		

J. A. P. FGH  
Engineer in Charge  
26799



DIAMOND DRILL REPORT NO.

Date                      /1956

Hole No.                      L-86

Job                      Surface

Last Footage Reported                      Ft.                     

Location                     

Period                     

Surveys

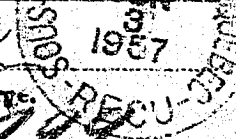
At	Dip	Bearing	
	ft.		
	ft.		
	ft.		

From                      To                     

Core Logged By                     

Lat:  
Dept:

From	To	Description of Core	Sludge	Core
346.0		Fine Gr. frogs back TYPE-		
357.0		Mod Alt'd & sh'd CA--40°		
390.0		Lightly Alt'd & Sh'd CA--35-40°		
	473.0 - 477.0	Frogs back TYPE		
	536.0 - 538.0	Frogs back TYPE		
	541.0 - 544.0	Lampr.		
	589.0 - 605.0	Frogs back TYPE		
	625.0	On; Little more Carb. Alt'n.		
	675.0 - 694.0	Frogs back TYPE		7490
	724.0 - 732.0	Lampr.		
	758.0 - 766.0	Frogs back TYPE		
	786.0	END OF HOLE		
<u>SURVEYS</u>		<u>L-86</u>		
	0 x 00	S33°E		
	2 x 50	S 5°E Mag.      -66°		
	5 x 00	S23°W              -84 ?		

  
*J. A. P. [Signature]*  
 Engineer in Charge.  
 26744

DIAMOND DRILL REPORT NO.

Date June /1956

Hole No. L-87

Job Surface

Last Footage Reported \_\_\_\_\_ Ft.

Location R 20346

Period \_\_\_\_\_

Surveys

At 0 Dip -45 Bearing S 70 E

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

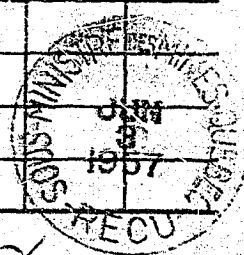
\_\_\_\_\_ ft.

Lat: -

\_\_\_\_\_ ft.

Dept: -

From	To	Description of Core	Sludge	Core
0.0		0.0 - 10.0 CASING		
10.0	13.5	Med Gr. Lava Massive-		
		13.5 - 27.0 Lampr. fine Gr. felsitic TYPE		
		27.0 - 39.5 Lava as before		
		39.5 - 65.0 Lampr. as before		
		Some short sections Lava		
		48.5 - 50.0 Lost core		
		63.0 - 65.0 " "		
		65.0 - 81.0 Lavas as before- Mod carb'd		5100
		75.0 - 79.0 Lost Core		
		81.0 - 107.0 Lamprs as before-		
		<u>107.0 END OF LOG.</u>		



*J. P. Smith*  
Engineer in Charge.  
26799

DIAMOND DRILL REPORT NO.

Date June /1956

Hole No. L-98

Job Surface Laka Xpansa

Last Footage Reported 700 Ft.

Location R-20346

Period

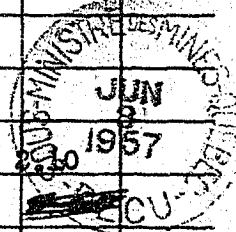
Surveys  
At 0 Dip-45 Bearing ~~325E~~ 580°E  
ft.  
ft.  
ft.

From To

Core Logged By JAP RGH

Lat.: 14260 E  
Dept: 3460 N

From	To	Description of Core	Sludge	Core
(7.0 )		0.0 - 4.0 CASING		
7.0		Fine Gr. pillow Lavas		
		15.0 - 17.6 Lampra.		
		33.0 - 36.0 I. Core.		
		FAULT--		
		41.8 - 44.0 Lampr.		
		56.0 - 115.0 Lampr. & Lampr. Soaked-		
200.0		Frogs back TYPE- Lampr. soaked,		3499
237.0		Frogs back TYPE		
		Pillow Lavas		
257.0	264.0	Highly Sh'd & Alt.'d CA--30°		
		264.0 - Lampr. 286.0		
		286.0 - 292.0 Fine gr. pillow Lavas.		
		292.0 - 298.0 Lampr.		
298.0		Mod to highly Sh'd & Alt'd CA--0-20°		
		@ 336.0 CA-- 15°		
		341.0 - 348.0 Lampr.		
348.0		Highly Alt'd & Sh'd--Highly Carbonated.		
		351.0 - 378.3 Lampr.		
		378.3 - 383.0 Tuffaceous grey banded silic'd		
		CA-- 40°	#4458	
		383.0 - 384.5	#4459	
		Highly silic'd chloritic alt'n pyrite CA--40°		
		394.0 - 402.0 Lampr.		



J. P. R. G. H.  
Engineer in Charge.  
26799

DIAMOND DRILL REPORT NO.

Date                      /1956

Hole No.                      L-88

Job                      Surface

Last Footage Reported                      Ft.

Location                     

Period                     

Surveys  
At                      Dip                      Bearing                     

From                      To                     

                     ft.  
                     ft.  
                     ft.

Core Logged By                     

Lat:                     

Dept:                     

From	To	Description of Core	Sludge	Core
402.0		Frogs back TYPE Pillow Lava.		
450.0	495.5	Med Gr. dioritic Lava comp've Massive.		
		470.0 - 475.5 Lampr.		
495.5		Fine Gr. pillowed Lavas lightly brecc'd Carb. lacing.		
		515.0 - 518.0 Lampr.		
		531.0 - 536.0 "		5499
		538.0 - 600.5 Pebble Lampr. as before-		
		618.0 - 625.0 Lampr.		
		666.0 - 669.8 "		
		675.0 - 702.0 Lampr. with sections of fine Gr. lavas included.		
702.0	On:	Very fine Gr. pillowed-		
		790.0		
		799.0 END OF HOLE		

MINING  
JUN 3 1957  
REC'D

*J. A. Pugh*  
Engineer in Charge.  
76799

DIAMOND DRILL REPORT NO.

Date                      /1956

Hole No. I-89

Job Surface Lake Expense

Last Footage Reported                      Ft.

Location R-20346

Period                     

Surveys

At Dip -60 Bearing S80E

From                      To                     

                     ft.

Core Logged By                     

                     ft.

Lat.: 14260 E

                     ft.

Dept: 3460 N

From	To	Description of Core	Sludge	Core
0.0		0.0 - 7.0 CASING		
7.0		Fine Gr. pillow Lava.		
		19.0 - 21.4 Lampr.		
		27.0 - 40.6 Grey fine Gr. almost a Porphyry.		
		36.0 40.0 L.C.		
		40.0 On: Lavas grey may be slightly Lampr.		
		soaked, dioritic faint pillows.		
		70.0 coarser grained (89.0 - 99.0 Highly		
		(Sn'c CA-- 0°		
		(95.0 - 99.0 talcy (?)		5100
		102.5 - 113.0 Porphyry fine & cubic pyrite		
114.0		Med. Gr. pillow		
132.0		Fine Gr. light green pillow lavas		
		fine Magnetite		
321.0		Almost a frogs back TYPE Sh'c CA-- 35°		
227.0		Fine Gr. pillow Lavas		
271.0		Med. Gr. dioritic		
283.0		Fine Gr. pillow		
		Lava considerable magnetite		
324.0		Frogs back TYPE pillowed		
364.0		Fine Gr. pillow lava		
378.6		Considerable carbonate facings		
404.0		Highly Alt'd & Sn'd CA-- 55° silic'd fine pyrite		
		416.6 - 419.3		

RECU-1957

*J. P. Patton*  
Engineer in Charge.  
26799

DIAMOND DRILL REPORT NO.

Date                      /1956

Hole No.                      L-89

Job Surface

Last Footage Reported                      Ft.

Location                     

Period                     

Surveys  
At Dip Bearing

From                      To                     

ft.                       
ft.                       
ft.                     

Core Logged By                     

Lat:  
Dept:

From	To	Description of Core	Sludge	Core
		416.6 - 419.3		
		highly silic'd highly soaked with Lampr. CA--55° H.W. distorted to 60° FW	#4466	9.10
		419.0 - 423.3 Lampr.		
		423.3 - 426.3 blue grey Qtz. brecc'd banded sh'd	#4467	2.10
		426.3 - 433.3 Very fine Gr. fine pyrite Ash. Tuff		3499
		433.3 - 436.0 Silic'd pyrite, pyrhh. chalco	#4470	6.30
		444.0 - 499.0 Lampr. soaked Lavas		
		499.0 - 505.0 Highy Atl'd. & Sh'd		
		525.0 END OF HOLE		
		WRO -- PARI		
		0 x 00 S80° E -60°		
		1x 00 S61° E -58°		
		4 x 00 S61° E -55°		

SOUS-MINISTRE DES MINES  
JUN 3 1957  
REC

*J. A. [Signature]*  
Engineer in Charge.  
26799

**DIAMOND DRILL REPORT NO.**

Date SEPTEMBER

Hole No. S-413

Job SURFACE

Last Footage Reported 105.0 Ft.

Location R-20516

Period \_\_\_\_\_

Surveys

At 0 Dip 49 Bearing N

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

\_\_\_\_\_ ft.

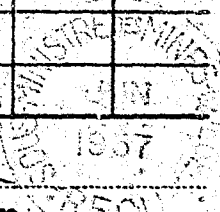
Lat:- 9163

\_\_\_\_\_ ft.

Dep:- 15403

From	To	Description of Core	Sludge	Core
0.0		0.0 - 4.6 Casing		
4.6		Highly Alt'd & Sh'd CA-- 30°		
		15.0 - 19.0 Lampr. Soaked slightly mineralized.		
		35.3 - 38.0 L.C.		
		40.0 - 46.0 Lampr.		
		CA-- 30°		
		50.0 - 56.0 Lampr. @ 58.0 CA-- 30°		5706
		70.6 - 76.6 Lampr.		
		87.0 CA-- 55°		
		88.0 - 89.6 Lampr.		
		90.0 - 95.0 L.C.		
		Carbonated at end.		
		<u>106.0 END OF HOLE</u>		

*J. A. [Signature]*  
 Engineer in Charge.  
 26 799



Date SEPTEMBER

Hole No. S-414

Job SURFACE

Last Footage Reported 1302.0 Ft.

Location R-20373

Period \_\_\_\_\_

Surveys  
At 0 Dip 40 Bearing N  
\_\_\_\_\_  
ft.  
\_\_\_\_\_  
ft.  
\_\_\_\_\_  
ft.

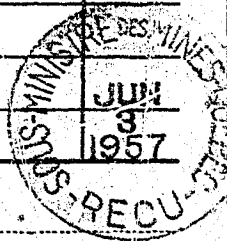
From \_\_\_\_\_ To \_\_\_\_\_

Core Logged By J.A.P.

Lat:- 9163  
Dept:- 4644

From	To	Description of Core	Sludge	Core
0.0		0.0 - 5.0 Casing-		
5.0	26.0	Grey white banded Tuff CA-- 25°		
26.0	38.0	Fine Gr Grey pillow LAVAS		
		38.0 - 42.0 TUFF		
		CA-- 30°		
42.0	57.0	Med. to fine Gr. Massive Lavas		
		57.0 - 78.0 Grey green (Light)		
		Fuffaceous some pronounced banding CA-- 40°		5499
78.0	161.6	Med. to coarse Gr. dioritic massive pillow LAVAS--		
		133.0 - 138.6 fine Gr. pillowed -		
161.6	176.3	Dark green fine Gr. pillow LAVAS		
		163.0 - 168.4 porphyry-		
176.3	394.0	Med. Gr. dioritic chilled margins		
		196.0 - 208.0 coarse Gr. phase possibly Lampr.		
		Lot of Micæ.		
		313.8 - 319.0 Lampr.		
		325.0 Cn fasing to light green diorite-		
		393.0 - 394.6 Lampr.		
394.6	757.0	Grey green banded soap stone C.A. 80°		
		401.3 - 410.0 Lampr. soaked.		
		410.6 - 417.0 L.C.		
		425.0 2-3# Sections, fine gr. pillowed LAVAS		

J.A.P.  
Engineer in Charge.



26799

**DIAMOND DRILL REPORT NO.**

Date: SEPTEMBER

Hole No. S-414

Job: SURFACE

Last Footage Reported 1302.0 Ft.

Location: R-20373

Period: \_\_\_\_\_

Surveys

At 0 Dip 40 Bearing N

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

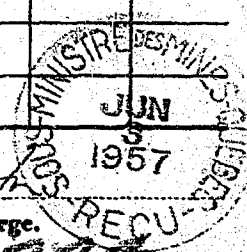
\_\_\_\_\_ ft.

Lat:- 9163

\_\_\_\_\_ ft.

Dept:- 4644

From	To	Description of Core	Sludge	Core
		453.0 - 463.0 Lampr.		
		455.0 - 460.0 L.C.		
		492.0 - 500.0 L.C.		
		515.0 - 520.0 L.C. C.A. 75- 80°		
		535.0 - 545.0 L.C.		
		550.0 - 575.0 LC.		
		575.0 - 635.0 fine Gr. less Alt'n		
		635.0 Highly Alt'd soap stone C.A. 80°		5499
		@ 720.0 CA-- 85°		
		@ 748.0 CA-- ?		
		728.0 - 730.0 Lampr.		
757.0	785.3	Fine Gr. Dioritic pillow LAVAS		
785.3	880.6	Banded grey Green soap stone C.A. 85°		
		@ 830.0 CA-- 60°		
		@ 858.0 CA-- 70° scant fine pyrite		
		857.0 - 880.6 Tuff CA-- 70°		
880.6		Med Gr. dioritic pillow LAVAS		
		890.0 Mildly Alt'd & Sh'd CA-- 70°		
906.0	On:	Mod Sh'd in Sections & fine Gr. pillow LAVAS		
		C.A. 70°		
937.0		Soap stone (tolcy) CA-70° @ 1023 C.A.-- 50°		
		1030.6 - 1039.0 sections pillow lavas & soapstone		
		1072.6 - 1176.0 Tuff. CA-- 60° - 80°		


  
 J. P. [Signature]
   
 Engineer in Charge.
   
 21.794

# DIAMOND DRILL REPORT NO.

Date SEPTEMBER  
 Job SURFACE  
 Location R-20373

Hole No. S-414  
 Last Footage Reported 1302.0 Ft.

Surveys  
 At 0 Dip -40 Bearing N  
 \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.

Period \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_

Core Logged By \_\_\_\_\_  
 Lat:- 9163  
 Dept:- 4644

From	To	Description of Core	Sludge	Core
		1104.0 - 1105.0 L.C.		
		1107.5 - 1108.5 L.C.		
		1120.0 - 1123.0 L.C.		
		1123.5 - 1125.0 L.C.		
1176.0		Highly Alt'd & Sh'd G.A. - 60°		5498
1185.0		Mod Alt'd & Sh'd -		
		1203.0 END OF HOLE		
		TRO - PART-		
		FOOTAGE      T.N.      M.N.      DIP		
		0 0 0      NORHT           -40°		
		3 0 0           N 2030°E      -35°		
		6 0 0           S 80 E      (Not Locked)		
		9 0 0           NORTH      -35°		



*J. A. Platt*  
 Engineer in Charge.  
 21799

**DIAMOND DRILL REPORT NO.**

Date SEPTEMBER

Hole No. S-415

Job SURFACE

Last Footage Reported 106.0 Ft.

Location R-20516

Period \_\_\_\_\_

**Surveys**

At 0 Dip -40 Bearing N

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

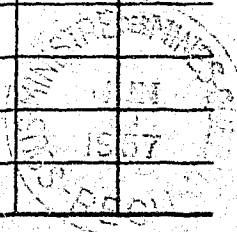
\_\_\_\_\_ ft.

Lat.: - 9130

\_\_\_\_\_ ft.

Dept.: - 15403

From	To	Description of Core	Sludge	Core
0.0		0.0 - 7.0 Casing		
7.0	10.0	Fine Gr. massive weathered rusty - slightly Sh'd & Alt'd CA - 70° ?		
21.0	On	Mod Alt'd & Sh'd pillow LAVAS C.A. 40°		
26.0	On	Mod Alt'd & highly Sn'd C.A. 30° with narrow fine Gr. sections.		5706
		47.0 - 48.6 Silic'd Brecc'n C.A. - 30° carbonated & fine cubic pyrite.		
		#501	TR	
		85.6 - 91.0 Lampr. soaked		
		@ 91.6 C.A. - 40°		
		102.0 - 106.0 Lampr. soaked		
		106.0 END OF HOLE		



*J. P. [Signature]*  
Engineer in Charge.

26799



# DIAMOND DRILL REPORT NO.

Date NOVEMBER  
 Job SURFACE  
 Location R-20517

Hole No. S-423  
 Last Footage Reported 800.0 Ft.

Surveys  
 At 0 Dip -40° Bearing S 12°W  
 \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.

Period \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_

Core Logged By \_\_\_\_\_  
 Lat.: - 9112  
 Dept.: - 14847

From	To	Description of Core	Sludge	Core
0.0	7.0	Casing		
7.0		Med. Gr. dioritic pillow LAVAS slightly carb. margins-		
60.0	83.0	Mod. Alt'd & Sh'd med. Gr. dioritic C.A. 30°		
		83.0 - 84.0 Lampr		
84.0		Med. Gr. dioritic		5706
		95.0 Fault seam-		
100.0		Similar to above massive light grey		
143.0		Med. Gr. dioritic pillows-		
220.0		Fine Gr. pillow LAVAS -		
250.0		Highly Micaly Alt'd & Sh'd C.A. 35°		
		@ 283.0 C.A. -25°		
		@ 305.0 C.A. -25°		
350.0		Highly carbonated C.A. 40°		
		373.0 - 375.0 Lampr.		
		@ 408.0 C.A. 35°		
		425.0 - 430.9 Lampr.		
440.0		Carbonate dying out midly Alt'd & Sh'd C.A. -30°?		
		above core all faded-		
		433.0 - 434.6 Lampr.		
		434.6 - 440.1 Grey blaci fine Gr. dike ?		
		463.0 - 465.0 Lampr.		
		518.0 - 524.6 Lampr. soaked-		

*J. A. [Signature]*  
 Engineer in Charge.

26 799

**DIAMOND DRILL REPORT NO.**

Date NOVEMBER  
Job SURFACE  
Location R-20517

Hole No. S-423  
Last Footage Reported 800.00 Ft.

Surveys  
At 0 Dip -40° Bearing S 12° W From \_\_\_\_\_ To \_\_\_\_\_  
ft. \_\_\_\_\_ Lat.:- 9112  
ft. \_\_\_\_\_ Core Logged By \_\_\_\_\_  
ft. \_\_\_\_\_ Dept:- 14847

From	To	Description of Core	Sludge	Core
		528.0 - 533.0 Lampr.		
		570.0 - 578.0 Faded sections Lampr.		
670.0		Mod. Alt'd & Sh'd C.A.--50°		
		683.0 - 684.0 banded Tuff C.A.--40°		5706
		700.0 - 702.0 Tuff C.A.--70°		
702.0		Med. Gr. pillow lavas - 713.0 - 724.0 Tuff C.A.--60°		
		727.0 - C.A.--70°		
		732.6 - 733.6 Lampr.		
		740.0 Highly Alt'd very soft carbonated, pyrite pyrrhotite-		
		751.0 - 761.0 Grey tuff C.A.--35°		
		@ 757.0 C.A.-- 0°		
		768.0 - 792.0 Grey tuff C.A.--60°		
		774.0 - 787.0 Black tuff mineralized pyrite & pyrrhotite @ 775.0 C.A.-- distorted		
		@ 792.0 C.A. -- 60°		
792.0		Mildly Alt'd & Sh'd C.A. -- 50°		
		800.0 END OF HOLE		

*J.A. [Signature]*  
Engineer in Charge.  
26 799

**DIAMOND DRILL REPORT NO.**

Date NOVEMBER

Hole No. S-424

Job SURFACE

Last Footage Reported 298.0 Ft.

Location R-20517

Period \_\_\_\_\_

**Surveys**

At 0 Dip  $\approx 40^\circ$  Bearing S  $12^\circ$  W

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ ft.

Core Logged By \_\_\_\_\_

\_\_\_\_\_ ft.

Dept: -

\_\_\_\_\_ ft.

Alt: -

From	To	Description of Core	Sludge	Core
		0.0 - 5.0 Casing		
0.0		Mildly to Mod Alt'd & Sh'd faded light green pillow LAVAS C.A.: - $10-20^\circ$		
		@ 24.0 C.A.: - $20^\circ$		
		23.0 - 27.0 Almost a Qtz chlorite		
73.0	76.0	Fine Gr. dioritic		5706
76.0		Mod. Alt'd & Sh'd C.A. $35^\circ$ , has the appearance of eyes filled with light green material oriented to shear.		
		@ 96.0 C.A. - $35^\circ$		
		@ 120.0 C.A. - $15-25^\circ$		
		141.0 - 142.7 Lampr.		
		@ 143.0 C.A. $40^\circ$		
156.0		Alt'n dying out in spots fine to med. gr.		
230.0	On	Alt'n strength lining & Sh'd C.A. - $30^\circ$		
		298.0 END OF HOLE		



*J. A. [Signature]*  
 Engineer in Charge.  
 26 799