

**DIAMOND DRILL HOLE #1 - LOG OF CORE**

DIRECTION - 120° (Mag. S.) - horizontal. South from end of 303 X CUT  
 HOLE STARTED JUNE 19TH 1946

0	Face Slats	88'3"-96'7" within
0-1'	Slaty, stony within	96'7"-96'10" Quartz slats banded 3' R.P. 2'
1-2'	Slaty within	96'10"-97'4" Slats
2-3'4"	within	97'4"-100'3" within
3'4"-5'6"	Slaty within	100'3"-100'6" Quartz slats with side 5' R.P.
5'-6'5"	within	100'6"-101'0" Slats
6'5"-7'0"	Slaty within	101'0"-112'6" within
7'0"-10'7"	within	112'6"-113'0" Quartz slats with side 5' R.P. 2'
10'7"-10'9"	1 Quartz slat	113'0"-113'4" Slats
10'8"-11'0"	Slaty within	113'4"-113'7" Slaty within
11'0"-15'11"	within	113'7"-115'0" Core lost
15'11"-16'0"	Slaty within	115'0"-117'0" Slats
16'0"-24'5"	within	117'0"-117'10" within
24'5"-34'6"	3/4 Quartz slats, slaty, As. slats banded	117'10"-118'5" Slats
34'6"-35'2"	Slats	118'5"-125'0" within
35'2"-35'11"	within	125'0"-125'7" Slats
35'11"-37'0"	Slats & slaty within	125'7"-126'11" Core lost
37'0"-38'0"	within	126'11"-127'11" Slats
38'0"-38'0 1/2"	1/2 Quartz slatted slaty As.	127'11"-129'2" Slaty within
38'0 1/2"-39'0"	Slats & slaty within, papite	129'2"-129'4" Quartz angular 1/2 in. slats
39'0"-49'0"	within	129'4"-131'5" Slats
49'0"-50'0"	within with white feld jointing spots	131'5"-131'11" Core lost
50'0"-50'4"	Core lost	131'11"-132'9" Slats
50'4"-51'8"	within	132'9"-145'0" within (note at 143'6" white, barium mica)
51'8"-52'4"	Core lost	145'0"-145'5" Core lost
52'4"-62'5"	within	145'5"-150'0" within later with barium mica, mica, mica
62'5"-62'6"	Slats	150'0"-179'3" within
62'6"-62'9"	within	179'3"-179'9" Slats
62'9"-62'10"	1/2 Quartz slatted slats banded unslatted R.P. 2'	179'9"-179'10" Quartz, 1/2 R.P. Core limit, appearance of slats
62'10"-63'4"	Slats & slaty within	179'10"-180'6" Slats
63'4"-64'4"	within	180'6"-190'0" within
64'4"-64'6"	Quartz angular 1/2 in. within	190'0"-193'3" Slats to slaty within
64'6"-66'0"	within	193'3"-195'0" within
66'0"-66'3"	Slaty within	195'0"-196'0" Slaty within
66'3"-66'8"	within with occasional slaty streaks	196'0"-200'0" within
66'8"-66'10"	Slats	200'0"-211'9" Slaty within
66'10"-68'11"	Quartz slats with calcite?	211'9"-214'2" Slats
68'11"-69'5"	Slats	214'2"-217'6" within
69'5"-70'0"	within	217'6"-219'3" Slats
70'0"-70'4"	Core lost	219'3"-220'3" within
70'4"-75'0"	within	220'3"-222'11" Slats
75'0"-75'5"	Core lost	222'11"-223'5" Quartz 6" R.P. (banded?)
75'5"-75'11"	within	223'5"-225'0" Slats
75'11"-76'1"	Quartz slats banded R.P. 2'	225'0"-225'6" Slaty within
76'1"-77'0"	Slats	225'6"-227'0" within - End of hole.
77'0"-77'2"	within	
77'2"-77'0"	Slats	
77'0"-87'11"	within	
87'11"-88'2"	Quartz R.P. 2'	
88'2"-88'3"	Slaty within	

Notes: Slaty mica occurs at 226'0" - 45 imp. of m. 105 lbs. frequency  
 Slats capped with 1 1/2" slaty mica.

QUEENS MINES LTD. - MALAGA, N.S.  
 PLAN, 300 FT. LEVEL  
 SCALE: 20 FT = 1 INCH  
 AUGUST 10th 1946 - C. D. Johnson M.E.

