FORM Nº 630

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: EAGLE 63 Location: ARBOR OPTION

Mining Division: Watson Lake

Hole Nº: EA-2 Angle: -60° Direction: Grid South

Depth: 47.9 m Grid Nº: Co-Ordinates: Line 98 + 00'W
2 + 50mN

Date Started: March 27, 1982 Finished: March 28, 1982 Logged By: D. Crowe

Drilled By: E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE Page 1 of 2
From	To	
0.0	13.7	Casing: Overburden and weathered bedrock
13.7	16.8	Graphitic Phyllite: Black, massive, soft and highly weathered. Incompetent clay
16.8	30.2	Chloritic phyllite: Light grey green in color. Porphyrtic texture (1 mm blocky feldspar crystals) 16.8 - 19.5 - mild quartz-sericite alteration 19.5 - 26.0 - Carbonaceous banding alternating light and dark grey banks of 5-7 mm. Quartz laminae of 2-3 mm also. Graditional decrease of carbon content 22.8 fault gouge 4 cm 24.5 fault gouge 2 cm 29.0 - 30.2 - Intense quartz sericite alteration 1-2 mm trains of galena/sphalerite at 29.8 Core Angles: 72° @ 26 m, 86° @ 28 m
30.2	34.8	Altered Greenstone: mottled appearance from variable clay mineral alteration of matrix. "Ghosts" of light grey quartz laminae Porphyritic texture varies from coarse to fine Mafics along foliation varies from metallic dark green to light brow (hornblende to biotite). Upper half of section speckled with fine grained apple green alterfelsics Scattered coarse pyrite clots. Quartz stringers of 12 and 15 cm @ 30.5 m Core Angles: 88° @ 38 m, 76° @ 43 m
34.8	43.6	Silty Banded Mudstone: dark grey and light brown alternating lamina Scattered coarse pyrite cubes throughout. Rare coarse chlorite crystals (xenoliths?). Bands of fine grained pyrite @ 37.6 and 39.2 Intense quartz-sericite alteration 34.8- 35.2. Mild quartz-sericite 35.2-37.0.
43.6	47.9	No core recovered. Possible fault.
	47.9	END OF HOLE

DEPTH		DESCRIPTION OF CORE	
From	To		
		CORE RECOVERY	
0.0	13.7	Casing no recovery	
13.7	15.8	.9	
15.8	17.4	.7	
17.4	19.5	.9	
19.5	21.0	.9	
21.0	22.6	.6	
22.6	24.4	.3	
24.4	26.2	1.5	
26.2	29.0	.9	
29.0	30.5	1.3	
30.5	32.6	1.5	
32.6	34.4	1.7	
34.4	35.1	.6	
35.1	37.5	1.2	
37.5	39.3	1.3	
39.3	40.2	.5	
40.2	41.8	.6	
41.8	43.0	1.0	
43.0	43.6	.7	
43.6	46.0	0.0	
46.0	47.9	.1	