

## HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim SHALE 44

Location PELLY BANKS OPTION

Mining Division WATSON LAKE

Hole Nº PB 81-5

Angle -50°

Direction: South

Depth 107.6 m

Grid Nº

Co-Ordinates: 4+ 00N

Line 4 + 00'W

Date Started: March 25, 1981

Finished: March 27, 1981

Logged By: D. Crowe

Drilled By: Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE	Page 1 of 2
From	To		
0.0	34.4	Overburden: Clay and Sand. Weathered graphitic phyllite from bedrock.	
34.4	54.4	Graphite Phyllite: Black, massive, fine grained. Siliceous sections more competent.	
54.4	57.5	Siliceous Banded Graphitic Phyllite: Fine grey bands fine grained quartz alternating with black graphitic bands C. A. 47° @ 54.5 m	
57.5	62.3	Meta-Volcanic Greenstone: Light to moderate green coloured clay mineral alteration prevalent. Sheared. Includes shale clasts. Fine grained pyrite clots present. Minor quartz banding. Graphite phyllite sections @ 58.8-60.8m, 91.0m C. A. 47° @ 57.5 m 56° @ 61.5 m 61° @ 62.3 m	
62.3	94.6	Graphite Phyllite: Black, fine grained generally massive. Siliceous sections are grey and black banded from - 64.0 - 68.2, 75.8 - 76.4, 81.8 - 82.3, 89.6 - 90.8. Fine bands of fine grained pyrite and clots of fine grained pyrite occur throughout. Narrow bands of greenstone @ 93.4 White quartz stringers and veinlets @ 78 m @ 84.6 - 90.1m @ 93.3 - 93.5m  Brecciated between 84.6 - 90.1 m Shears @ 93.3 m C. A. 74° @ 66.6 m 50° @ 68.5 m 56° @ 76.5 m 66° @ 82 m 70° @ 94.6 m	

DEPTH		DESCRIPTION OF CORE	Page 2 of 2
From	To		
94.6	107.6	<p>Siliceous Banded Graphitic Phyllite: Fine grained thin bands (1-5 mm) of light grey quartz rich and black graphite rich Core is competent. White Quartz stringers @ 106 m Shear at 102 m C. A. 17° @ 100 m 29° @ 101 m 32° @ 107.5 m</p>	