

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim Shale 42

Location Pelly Banks Option

Mining Division Watson Lake

Hole Nº PB-81-3

Angle -50°

Direction: South

Depth: 67.1m

Grid Nº

Co-Ordinates: 0+65N
Line 1+00'W

Date Started: March 21, 1981

Finished: March 22, 1981

Logged By D. Crowe

Drilled By: Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
00.0	13.1	Overburden: clay, sand and gravel includes highly weathered graphite bedrock material.
13.1	17.0	SILICEOUS BANDED GRAPHITIC PHYLLITE: white fine grained quartz bands and laminations alternating with black graphitic bands core recovery poor. CA 70° @ 13.6m.
17.0	22.4	GRAPHITE PHYLLITE: black fine grained massive graphite. Very poor core recovery.
22.4	34.6	SILICEOUS BANDED GRAPHITIC PHYLLITE: striped white and black fine grained quartz bands and laminations with graphitic bands. 26.8 - 28.4 massive graphite with shearing @ 27.8m. Thin weakly altered quartz-chlorite sericite phyllite bands @ 28.4 and 29.5m. White quartz veinlet at 33.6,/ CA 65° @ 22.4 68° @ 26.8 85° @ 34.6
34.6	67.1	QUARTZ-CHLORITE-SERICITE PHYLLITE: fine grained light to dark green in colour. Tan colour where strong sericite alteration occurs. Bands of grey-yellow tuff @ 34.6-35.0 44.8-46.2 Quartz-sericite alteration @ 39.0-39.8 moderate - clots of pyrite 47.7-48.2 moderate - pyrite in fine quartz band. 50.4-53.0 strong - fine bands of fine grained sulphides(py) and pyrite clots. 57.8-59.4 strong - fine bands of fine grained sulphides(py) along foliation.

DEPTH		DESCRIPTION OF CORE	
From	To		
34.6	67.1	(con't)	Quartz stringers and veinlets @ 41.0m 42.8 56.7-57.5 Shearing or pebble gouge @ 39.0m 64.5m 66.5m CA = 82° @ 45m 70° @ 58.8m