

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim Shale 42

Location: Pelly Banks Option

Mining Division Watson Lake

Hole Nº PB-81-2

Angle -50°

Direction: South

Depth: 83.8m

Grid Nº

Co-Ordinates: 1+10N

Date Started: March 18, 1981

Finished: March 21, 1981

Line 6+00E

Logged By: D. Crowe

Drilled By: Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
0.0	10.0m	Overburden: clay, sand and gravel.
10.0	20.7	No core recovered. Drill sludge return fine graphite and grains of Quartz
20.7	34.8	GRAPHITE PHYLLITE: Very black, massive, very fissile and incompetent. Fine disseminated pyrite and rare scattered cubes. CA = 74° @ 34.0. Pebble gouge at 29m.
34.8	42.1	SILICEOUS BANDED GRAPHITIC PHYLLITE: Fine white bands and laminations of fine grained quartz alternating with black graphite bands. Black and white striped appearance. CA = 80° @ 39.0m.
	42.1	Sharp probable fault contact.
42.1	83.8	QUARTZ- CHLORITE- SERICITE PHYLLITE: Fine grained light to dark green except tan coloured sections where quartz-sericite alteration occurs. Scattered pyrite cubes or minor disseminated throughout. Quartz - sericite @ 54.5 - 56.0 strong (sulphides in fine bands) 60.2 narrow 63.6 - 65.4 strong (sulphides in fine bands) 67.5 - 71.4 scattered moderate to strong (fine bands of sulphides) White quartz stringers and veinlets occur @ 55.9m 61.0m 74.3m 75.2m 83.0m Section strongly sheared from 42.0 - 48m with pebble gouge @ 47.2m. Sheared or pebble gouge also @ 62.2 CA 800

DEPTH		DESCRIPTION OF CORE
From	To	
		(con't)
		67.0 CA 750
		76.5 CA 450
		CA 640 @ 59m
		710 @ 70.5m
		850 @ 78m
	83.8	END OF HOLE