

## HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim Shale 42

Location: Pelly Banks Option

Mining Division Watson Lake

Hole Nº PB-81-7

Angle -50°

Direction: South

Depth: 75.6m

Grid Nº

Co-Ordinates: 0+30N

Date Started: March 31, 1981

Finished: April 1, 1981

Line 8+00E

Logged By D. Crowe

Drilled By: Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
0.0	11.6	OVERBURDEN: clay, silt, sand, and gravel
11.6	15.2	GRAPHITE PHYLLITE: black, fine grained and massive Oncompetent. Shearing @ 15.2. White quartz stringer @ 13.0m.
15.2	57.6	SILICEOUS BANDED GRAPHITIC PHYLLITE: White-light grey to dark grey laminated fine grained quartz and carbonaceous (graphitic) lamination. Well banded. Minor chlorite along foliation to 27m. Coarse pyrite cubes and infine grained clots occur throughout. Rare fine bands of fine grained pyrite with quartz laminations. Minor shearing @ 17.9m, 32m, 45m, 50.2m, 54.7m. CA = 77° @ 24m, 77° @ 30.2m, 70° @ 37.5m, 85° @ 42m, 84° @ 51m, 75° @ 53.5m.
57.6	75.6	QUARTZ-CHLORITE-SERICITE PHYLLITE: fine grained drab light green colour. Light tan colour with quartz--sericite alteration. @ 57.9-63m strong- bands of galena and sphalerite- 8cm sph @ 58.5, 2cm ga @ 59.8 scattered 1-4mm bands of galena or sphale. 63 - 65.3m moderate to weak 65.3 - 68.3 strong - minor pyrite, galena, sphalerite 2-3mm @ 68.2 68.3 - 75.6 weak to moderate - white quartz stringers @ 63.3, m 65.2m Fault shear zone 66.6 - 67.3 CA=37°