

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim Shale 42

Location: Pelly Banks Option

Mining Division Watson Lake

Hole Nº PB-81-4

Angle: -50°

Direction: S 30°W

Depth: 106.1

Grid Nº

Co-Ordinates: 2+00N

Date Started: March 22, 1981

Finished: March 25, 1981

Line 5+14E

Logged By: D. Crowe

Drilled By: Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
0.0	9.1	OVERBURDEN: clay, sand and gravel
9.1	24.0	GRAPHITE PHYLLITE: very black, massive and fine graine Extremely poor core recovery.
24.0	25.2	GREY ALTERED CLAY MATERIAL: highly altered or weather composed of sericite and quartz. Bright green blotches throughout. Occassional coarse pyrite cubes.
25.2	31.6	GRAPHITE PHYLLITE: very black, massive and fine graine
31.6	36.4	META-VOLCANIC GREENSTONE: altered and/or weathered to clay minerals. Strongly foliated. Feldspar and chlorite in siliceous ground mass. Clots of fine grained pyrite. CA = 42° @ 31.6 42° @ 36.4
36.4	87.0	GRAPHITE PHYLLITE: very black to grey. Black sections graphite with siliceous sections very fine grained. Grey sections are sericitic @ 41.0 - 47.0m 60 - - 63m 73 - - 75.5m CA = 67° @ 38.5m 64° @ 58.0m
87.0	92.4	CARBONACEOUS PHYLLITE: (Tuffaceous) Dark grey-green to light grey-green. Feldspar grains and chloritic, biotitic and argillaceous foliations and bands. Clay minerals present. CA 42° @ 87m 52° @ 91.5m
92.4	106.1	GRAPHITE PHYLLITE: fine grained black or grey. Secti