Form No. 630 **HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED**

DIAMOND DRILL LOG

PROPERTY:	Whitehorse Copper Mines	LOCATION:	Best Chance
CLAIM No:	Emily 2 (75710)	CORE SIZE:	NQ
HOLE No:	BC-49 ANGLE: -50°	DIRECTION:	West
DEPTH:	82.3m (270') GRID No: BC-South	CO-ORDINATES:	28+25N/9+00W
DATE STARTED:	September 26, 1988	DATE FINISHED:	September 28,1988
DRILLED BY:	E. Caron Diamond Drilling	LOGGED BY:	K. Galambos

DEPTH From	DEPTH To	DESCRIPTION OF CORE
	(meters)	
0	3.17	Casing - (No Recovery). Left in hole.
3.17	3.35	Dark grey-green highly siliceous diopside skarn, (no sulfides).
3.35	10.67	Medium crystalline white limestone with numerous medium-dark grey, moderate-strongly silicified bands. 35+40° to C.A. Minor medium brown ankerite stained sections.
10.67	12.00	Medium brown soil. 27% recovery.
12.00	67.59	Medium crystalline white-buff limestone with extensive medium grey bands up to 40 cm wide. Often containing black stringers of non sulfide material (carbonaceous). Minor dolomite sections. Minor epidote + diopside stringers at 55° to C.A. Tr. py + cpy locally. @ 16.3m: 2mm magnetite veinlet with Tr. cpy. 21.95-22.7: Moderate fracturing with some ground core, 60% recovery. 27.12-27.76: 15% medium brown layers generally less than 2cm containing Tr-1% cpy + py. Layering 45-60° to C.A. @ 30.33m: 1cm calcite/ankerite vein at 25° to C.A. @ 30.35m: Low angle fault plane with slickensides plunging 55° from C.A. 30.86-30.90: Medium brown clay gouge. *Buff limestone is moderately vuggy for 5cm either side of clay zone.

Form No. 630 A

Hole No. BC-49

Page No. 2

DEPTH		DESCRIPTION OF CORE
From	To	
12.00	67.59	34.90-35.43: Minor small 1-6mm brown veinlets following fracturing at 55° and 0° to C.A. Containing minor magnetite, py, cpy. ie:  Tr py, cpy @ 37.34m 37.53m 38.58m 38.93m 40.20-45.10: Fine to medium crystalline dolomite with very minor diopside halos around small calcite stringers. 48.70-48.95: Minor epidote-diopside skarn. @ 50.5: 4cm wide dior. dyke, 20° to C.A. 50.90-51.05: Rubble with rusty clay gouge. @ 52.35: Low angle calcite veinlet, 5° to C.A. Tr py, cpy @ 56.05m 59.45m 63.55m 65.84-66.60: Moderate fracturing with some recrystallization of limestone. 66.60-66.65: Grey clay gouge. 66.65-67.59: Minor fracturing and recrystallization of limestone, minor epidote.
67.59	70.71	50-60% of limestone has been recrystallized and contains Tr-1% py, tr cpy. Banding is generally 40-55° to C.A. and quite often discontinuous or distorted.
70.71	82.30	Limestone (+ dolomite) similar to that prior to 67.59m. Minor recrystallized sections. Minor epidote halos on calcite stringers.

Form No. 630 A

Hole Nº. BC-49

Page Nº. 3

DEPTH		DESCRIPTION OF CORE
From	To	
70.71	82.30	@ 74.75: Fault plane 35° to C.A. . Slickensides plunge 85° from C.A. @ 76.0: Minor diopside. Tr py, cpy @ 77.72m 79.32m 79.95-80.08: Disrupted calcite veining with Tr py, Tr cpy. 80.08-80.80m: Rusty bleached rubble. 11% Recovery. 80.80-82.3m: Ankerite stained limestone with minor rubble at end of section. 30% Recovery. @ 80.85: 3cm altered dior. dyke 25° to C.A.
	82.30	END OF HOLE