

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: BORNITE 1 (73783)

Location: Whitehorse Copper Mines

Mining Division Whitehorse

Hole Nº. RF-3

Angle: -50°

Direction: West

Depth: 372 feet

Grid Nº. WAR EAGLE

Co-Ordinates: 94 + 00N, 35 +75E

Date Started: Nov. 28, 1984

Finished: Dec. 2, 1984

Logged By: G. Bidwell

Drilled By: E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE	Page 1 of 1
From	To		
0.0	200.00	Overburden - triconed from 130 to 200, probably that bedrock intersected considerably before 200, surface exposures of diorite in area are badly decomposed. Drill cutting @ 194 were all diorite	
200.00	372.00	Diorite 200-222 crumbly diorite, calcareous particularly in fractures - mafics mainly biotite - 80% core recovery - bleaching along fractures and shears, some gouge, generally sub-parallel core axis, minor epidote 222-225 - quartz vein and diorite \approx 20% recovery 225-246 - good recovery, typical diorite 246-251 - 15% core recovery otherwise typical 251-372 - good recovery, some quartz-calcite veins, random core angles, up to $\frac{1}{2}$ inch wide, also some thin fractures with bleaching $\frac{1}{2}$ inch into diorite 1" wide quartz veins @ 285' and 303' @ 306' sub parallel quartz carbonate (mainly carbonate) veining in diorite, sheared. 315' - early $\frac{1}{2}$ " wide quartz veins crosscut by later fracturing accompanied by bleaching 333.5'-2 inch wide shear filled with calcite core angle 30° 339' - $1\frac{1}{2}$ inch wide quartz veins, 60° core angle 342' - narrow (\approx 3 inch) altered porphyry? dike, 45° core angle 346' - $\frac{3}{4}$ inch quartz vein, 60° core angle 360' - 2 inch quartz vein, mottled pinkish tinge, 90° core angle 371.5' - $\frac{1}{2}$ inch wide sheared infilled with calcite 25° core angle	
	372.00	END OF HOLE	