

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: GEM - 2 (75221)

Location: KODIAK CUB

Mining Division WHITEHORSE

Hole Nº. KC - 21 Angle: -50° Direction: south

Depth: 190' Grid Nº. BLACK CUB Co-Ordinates: 12+00E
29+60N

Date Started: June 23/87 Finished: June 26/87 Logged By: R. Stroshein

Drilled By: E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
0.0	16.5	Overburden - gravel boulders clay and sand.
16.5	17.5	Pink coarse grained granodiorite
17.5	62.0	White to grey crystalline limestone. Weakly skarnified near granodiorite contact. 30.2 - 33.0 - fine grained grey green granodiorite dyke. 17.5 - 29.5 - light yellow green diopside skarn/limestone minor serpentine @ 25' Malachite @ 29.5' and 33' adjacent dyke. Core angle 35° @ 44' Lower contact irregular @ approx. 50°. 52.0 - 62.0' serpentine diopside garnet skarn patchy. Core angle 40° @ 58'
62.0	68.3	Light greenish white medium coarse grained granodiorite.
68.3	70.9	Dark green sheared serpentine broken zone. Cuprite and malachite staining at 69' Upper and lower contacts of .5 feet broken and poor recovery.
70.9	117.4	Light pinkish grey medium grained granodiorite. Core very broken. Recoveries average 70%. Very blocky. Extremely poor recoveries 104-111' with clay seams recovered and slickenside. 116.5 - 117' - chloritic clay seam, dark green
117.4	121.0	Light brown and green garnet skarn.
121.0	123.0	Dark grey green andesite porphyry.
123.0	124.9	Massive black magnetite skarn. Serpentine and bornite along irregular stringers. Core angle 75° @ 124'
124.9	147.0	Light grey to white crystalline limestone. Weak yellow diopside skarn 124.9 - 127.5 Core angles - 48° @ 128' 50° @ 146' 64° @ 141' Increasing yellow diopside 142 - 147.0'

DEPTH		DESCRIPTION OF CORE	Page 2
From	To		
147.0	153.0	Light yellow green diopside skarn. Magnetite serpentine bands .2' @ 151.9'	
153.0	159.8	Serpentine garnet skarn. Dark green to pale green. Magnetite @ 155.0 - 155.3'	
159.8	178.2	Dark massive magnetite serpentine skarn. Very broken and blocky ground Recoveries +75%. Bornite 2-5% 165.5 - 175.0' Bornite on shears. Core angles - 60° @ 167' 55° @ 169' 50° @ 175'	
178.2	190.0	Light grey dioritized siltstone. Very broken core poor recoveries. Lost core 184 - 188.5' 178.2 - 178.3 - white calcite vein 60° core angle on contact @ .3 green chlorite clay seam	
	190.0	Arkosic sandstone END OF HOLE	