
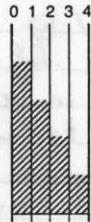


DRILL LOG

PROJECT MINDY	GROUND ELEV. 1654.0 m
HOLE NO. 81-8	BEARING —
LOCATION 4 + 00 N 1 + 58 W	DIP — Vertical
LOGGED BY Douglas Oneschuk	TOTAL LENGTH 114.9 m (377')
DATE In August 1	HORIZONTAL PROJECT —
CONTRACTOR B.B.S. Drilling	VERTICAL PROJECT —
CORE SIZE BQ	ALTERATION SCALE
DATE STARTED Aug 25, 1981	 <p>absent slight moderate intense</p>
DATE COMPLETED Aug 28, 1981	TOTAL SULPHIDE SCALE
DIP TESTS —	 <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
COMMENTS	LEGEND

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					Bio	Fl	Trm	Si	Gar		
					A	B	C	D	E		
				Casing to 6.8m							
5											
10	95			Bio Hrnfls (6.8 → 45.1) Extremely broken & weathered till 25.6, after which is med broken & fresh till 40.5, then solid. Poor to mod. fol @ 90°, minor small bleached zones @ mg granular textures. Minor chlor blebs & vianlets past 14.3 ass @ Py. Joints @ 30° & 70°.	3	0	0	1	0		
15	90			limonitic, non-calcareous. Zone of convoluted Qtz veins 15.0 → 19.5, 3 per m, generally trending approx 40°. 19.5 → fol. is good but convoluted containing sil rich zones. Chrt → gtz vein 21.0 → 25.6, well fractures, @ chlor & py. faults show rls powder & clasticides. fractures in chrt predom lined @ limonite. 24.2 → 24.3 looks brecciated @ chloritic matrix. Bio Hrnfls (25.6 →) poor fol @ 45°, weakly bleached, joints rich in calcite @ 60° & 30°. Shows remnant grit textures. Fol goes to poor → nil, grit texture becomes more defined, chlorite-sericite content rises, grit grains become coarse, overall bleaching increases as one progresses, ending up in a bleached zone from approx 36.5 to 40.3. Py may be also present in joints past 40 m. Past 40.3 fol becomes excellent, chlor-sericite content drops, mg to 10 cm sil lenses abundant composed of K-spar & gtz (i. plog?) only minor remnant grit text. fol @ 60° Minor Qtz vianlets @ 25° @ Tr fluorite	3	0	0	2	0		
20	100				2	0	0	2	0		
25	100	F2			2	0	0	2	0		
30	100	F2			2	0	0	2	0		
35	100	F3			1	0	0	3	0		
40	100	F2			1	0	0	3	0		
45	100	F1			2	0	0	3			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					Bio	Fl	Trans act	Si	Gar		
					A	B	C	D	E		
50	100			SKARN (45.1 → 50.6) Chloritic - garnet "transitional" skarn (45.1 → 46) @ 5 mm chlorite veins @ Po cores, massive fg red andradite, 1 one Qtz-fluorite vein 1 cm thick @ 45.2. "Matrix" is chlorite rich silicate. Andradite - chlorite massive sulphide skarn (46.0 → 48.65) showing alternating 10 → 20 cm zones of chlorite rich & andradite rich skarn, the chlor. rich skarn containing 80 → 70% of the M.S. Chlorite vienlets (1 per cm) throughout. Andradite mass. fg xstalline Fl rich zone (46.0 → 46.3), but Fl also seen throughout, most common in chloritic zones. Last 30 cm banded M.S. sim. to strat-form deposits. (48.65 → 50.6) M.S. @ minor chlorite vienlets @ 60° (30 per m)	0	1	0	3	1		
				0	3	1	3	2			
				0	0	0	0	0			
55	100			Basil contact very sharp	0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
60	100			Marble @ small skarn zones as marked (50.6 → 93.1) Marble is pure, mg-fg xstalline. Skarn zones (51.7 → 52.4) 2 cm mag band @ top of zone. The rest is mainly marble @ minor fg mass. green andradite & mg xstalline tremolite (53.0 → 53.3) massive c.g. prismatic andradite (green & redish) @ minor fluorite. (57.0 → 57.4) Massive c.g. tremolite (massive) @ minor andradite(?) (57.8 → 58.7) Massive c.g. xstalline, prismatic andradite (green) @ zoning @ massive Arseno @ top of zone for 2 cm, & c.g. xstalline, prismatic andradite (green) & a pink powdery mineral (62.4 → 64.25) Andradite skarn, c.g. xstalline, prismatic, drk green → pale grn → red. @ bands of a milky, siltstone-textured silicate. first 0.3 m shows mostly Si rich marble @ minor andradite(?) in x criss-crossing Si vienlets	0	0	0	0	0		
				0	0	0	2	4			
				0	0	0	0	0			
65	100			(79.3 → 80.9) Andradite skarn: massive, xstalline c.g. prismatic @ the milky-buff silty silicate 81.8 → 0.3 m of Andradite & arsenopy	0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
70	100			(82.8 → 85.6) drk green → pale green → redish andradite skarn @ marble, & minor diss. Arseno. and a light pink fg massive silicate	0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
75	100			(87.6) 10 cm frag of Bio Herfls. most contacts are @ 50° to C.A (87.9 → 91.0)	0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
80	100			Mag vienlets (2 mm max) 8 per m @ 20° & 740°	0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
85	100				0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			
90	100				0	0	0	0	0		
				0	0	0	0	0			
				0	0	0	0	0			

