


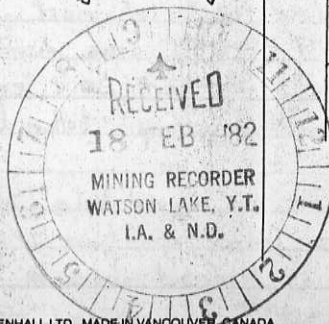


## DRILL LOG

PROJECT <b>MINDY</b>	GROUND ELEV. <b>1665.5 m</b>
HOLE NO. <b>81-1</b>	BEARING <b>320° AZ</b>
LOCATION <b>6 + 13 N 140 W</b>	DIP <b>-60°</b>
LOGGED BY <b>Douglas Oneschuk</b>	TOTAL LENGTH <b>150.3 m (1493')</b>
DATE <b>AUG. 1 1981</b>	HORIZONTAL PROJECT <b>74.75 m</b>
CONTRACTOR <b>BBS Diamond Drilling</b>	VERTICAL PROJECT <b>125.0 m</b>
CORE SIZE <b>BQ</b>	ALTERATION SCALE  <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>
DATE STARTED <b>Aug. 1 (Day)</b>	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>
DATE COMPLETED <b>Aug. 4 (Day)</b>	
DIP TESTS <b>250 ft ; -60.5°</b>	
COMMENTS <p>"Alteration" section of log paper is used as a mineral abundance indicator. The minerals being observed are recorded in each column. A scale of <sup>zero</sup> <del>one</del> to four has been used, zero indicating mineral is not present, or is present in only minute amounts. Faulting is graded on a scale of one to four, one being a small shear &amp; four being a major fault.</p>	<p>LEGEND</p> <p>Scale <u>1:200</u></p>  <ul style="list-style-type: none"> <li>Biotite Hornfels</li> <li>Calc-flint</li> <li>Skarn</li> <li>Chert</li> <li>Chert-Biotite Hornfels</li> <li>Qtz vein</li> <li>Bleached Zone</li> <li>Fault</li> </ul>



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
3.05 → 6.10 diss Po	<1%	3.05	6.1	3m					
6.1 → 9.1 diss Po throughout zone along foliation, & sometimes in gneiss lenses Bleached zone has higher conc in vugs. Apatite vein also contains small, black, rounded grains of ?	<1%	6.1	9.1	3m					
9.1 → 12 diss Po	<1%	9.1	12	2.9m					
12 → 15 diss Po. Bleached Zone has minor chalc. & Tematic?	<1%	12	15	3m					
15 → 18 diss Po	<1%	15	18	3m					
18 → 21 diss Po	<1%	18	21						
21 → 24 diss Po & Arspy Flourite? Bleached zone	2%	21	24						
24 → 25.33 as above	2%	24	25.33						
25.33 → 27.7 Diss. Po in Bio Hrn	<1%	25.33	27.7						
27.7 → 28.1 Bleached zone Diss & Joint ass. Po minor chalc	2%	27.7	28.1						
28.1 → 29.2 Bio Hrn Diss Po	1%	28.1	29.2						
29.2 → 30.1 Bleached Zone Diss Po minor chalc	2%	29.2	30.1						
30.1 → 32.0 Bio Hrn Diss Po, Massive Po (minor chalc) in small up dyke	<1%	30.1	32.0						
32 → 35 Bio Hrn; Diss Po, Massive Po in one small Bleached zone	<1%	32.0	35.0						
35 → 38 Bio Hrn, Diss Po	<1%	35.0	38.0						
38.9 → 39.3 Bl edge @ Po stringers. Minor chalc	1%	38.9	39.3						
39.3 → 42.3 Bio Hrn Diss Po	<1%	39.3	42.3						
42.3 → 45.0 Bio Hrn; Diss Po	<1%	42.3	45.0						



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS				oz/ton	
		FROM	TO	WIDTH		% Sn	% WO <sub>3</sub>	% Cu	% Zn	Ag	Au
Po @ minor chalc. mainly in atz-feld lenses	<1%	45	46	1							
Minor Po, limonite & Fluorite in fractures. Dis. Po in Hnfls	<1%	46	49	3							
Dis Po @ massive Po @ 49.6 → 49.7 ass @ small diopz-tremolite-ankerite(?) zone	1%	49	52	3							
Bio Hnfls; Diss Po	<1%	52	55								
"	<1%	55	58								
"	<1%	58	61								
"	<1%	61	64								
"		64	65								
Calc-flinta. Null	<1%	65.0	65.4	0.6	12451	0.02	<0.005				
Skarn; minor vonsinite(?) ass @ Trem. - actinolite	<1%	65.6	68.6	3.0	12452	0.04	<0.005				
"	<1%	68.6	70.65	2.05	12453	0.02	<0.005	<0.01	0.01	<0.05	0.002
Skarn; Magnetite in graphic-dendritic pattern, fg. describing a foliation of 60°. Minor arsenopy	2%	70.65	72.0	1.35	12454	0.02	0.067	<0.01	<0.01	<0.05	<0.002
Skarn; fg. massive Mag. blebs @ 72.1, 73.1, 73.3 each approx 2m wide. Minor Po & Arspy	2%	72.0	73.7	1.7	12455	0.54	0.083	<0.01	<0.01	<0.05	<0.002
Skarn; fg Mag. graph-dend pattern & massive	1%	73.7	75.2	1.5	12456	0.02	<0.005	<0.01	0.01	<0.05	0.002
Skarn; fg Mg, Po, Tr chalc in massive blebs. Mag	3%	75.2	76.7	1.5	12457	1.00	<0.005	0.01	<0.01	<0.05	<0.002
often in needle-textures in non-bleb areas (Vonsinite? Trac) Note: Description	2%	76.7	77.4	0.7	12458	0.52	<0.005	0.05	<0.01	<0.05	0.002
70m → 80m describes adjacent lithology column	3%	77.4	78.8	1.4	12459	0.26	<0.005	0.06	0.01	<0.05	<0.002
Skarn; Mostly Po, w minor Mag & trace chalc in graphic to bleb to diss text.	2%	78.8	80.0	1.2	12460	0.02	0.042	0.05	<0.01	<0.05	0.002
Skarn; Minor Diss blebs of fg Po, Arspy chalc	<1%	80.0	82.0	2.0	12461	0.05	<0.005	0.05	0.03	<0.05	<0.002
Bio Hnfls; Diss. fg Po		82.0	84.25	2.25	12462	0.03	0.006				
Tr chalc						72.0	78.8	=	6.8	m	@
"										0.467%	Sn

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
Bio Hnfls Diss Po & a few 1mm wide qtz-trem-l-actinolite veins chewing massive Po, chalco	<1%	90	93						
	<1%	93	94.5						
	<1%	94.5	97.5						
	<1%	97.5	100						
	<1%	100	102						
occasional Po bleb	<1%	102	105						
Chert Pabls: Diss & Bldg vionlets. fg. Po, Arspy & chalco. Mainly in "matrix" but also in fragments	1%	105	106.4						
Chert, Diss Po, Arspy & Tr chalco. fg. Abo in vionlets (1-2 per m)	1%	106.4	108.1						
Chert, Minor Diss Po. 1	<1%	108.1	111.5						
	1%	111.5	113.5						
F.G. Massive Sulphide blebs 5cm wide @ 111.6 & 113.4, between which micro vionlets & vionlets (5m), small blebs & dissemination occure Po, Py, chalcopy	<1%	113.5	117.0						
Chert Minor Diss Po									
Bio Hnfls fg. disseminated & blebular Po & chalco, sometimes surrounding grey grains. One 3cm wide massive zone @ 118.1 with graphic texture caused by small chert vionlets	1%	117.0	120.0						
	1%	120.0	121.6						
Chert - Bio Hnfls?									
Diss Po, mainly in chert. minor chalcopy	<1%	121.6	124.6						
	<1%	124.6	125.6						
Bio Hnfls Diss Po, Tr Chalcopy	<1%	125.6	126.8						
Hnfls Chert fg Diss Po	<1%	126.8	129.0						
Small vionlets @ fg massive Po & Tr chalcopy (1mm wide)	<1%	129.0	132						
	<1%	132	135						



[illegible]