



ESSO RESOURCES CANADA LIMITED

ESSO MINERALS CANADA

DRILL LOG

PROJECT <i>ARBOR 2401</i>	GROUND ELEV.
HOLE NO. <i>2</i>	BEARING <i>295°</i>
LOCATION <i>JULIA CLAIMS</i> <i>WATSON LAKE MINING DIST.</i>	DIP <i>-45°</i>
	TOTAL LENGTH <i>120.7 m (396 ft.)</i>
LOGGED BY <i>A. Stewart</i>	HORIZONTAL PROJECT
DATE <i>July 1981</i>	VERTICAL PROJECT
CONTRACTOR <i>D.S. Drilling Ltd.</i>	<p>ALTERATION SCALE</p>  <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED <i>July 17, 1981</i>	
DATE COMPLETED <i>July 18, 1981</i>	<p>TOTAL SULPHIDE SCALE</p>  <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
DIP TESTS	
COMMENTS	LEGEND

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
		88%		0 - 1.8 Overburden							
	80			1.8 - 18.6 Basalt - massive, pillowed, minor epidote & jasper veining.							
5.0	90										
	1										
10.0											
15.0											
	100			18.6 - 23.5 Basalt - maroon, pillowed. Abundant hematite rich fractures.							
20.0											
				23.5 - 27.7 Basalt - massive, green.							
25.0											
	90			27.7 - 41.8 Intermediate Tuff - also cherty. Gray-green, waxy. Foliation & laminations at 50° to C.A. Numerous sub-vertical rusty fractures. Very blocky section.							
30.0	80										
	80										
35.0	50										
	80										
40.0	40			41.6 minor fault gouge.							
	90			41.8 - 50.0 Basalt - massive, pillowed. Numerous epidote & hematitic fractures.							
45.0	100			47.9 minor fault gouge.							

MINERALIZATION
DESCRIPTIONTOTAL
SULPHIDE

SAMPLES

FROM

TO

WIDTH

SAMPLE
NUMBER

ASSAYS

27.7 minor rusty fractures

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		% Cu	% Zn	ozs Ag	ozs Au
59.8-60.4 Massive pyrite, minor cpy. Cpy (2cm) at upper etct.	80%	59.8	61.0	1.2	9973	.620	.15	1.02	.022
82.0-84.4 Banded & diss. pyrite, minor chalcopryrite.	15%	81.4	84.4	3.0	9974	.097	.14	.16	.001
84.4-87.5 Banded & diss. pyrite, minor chalcopryrite	25%	84.4	87.5	3.1	9975	.128	.24	.21	.002
87.5-90.5 Banded & diss. pyrite minor chalcopryrite	20%	87.5	90.5	3.0	9976	.099	.12	.11	.001

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
91.5	↑			91.5-113.7 Basaltic Tuff - mottled green & white. Minor slumping.								
95.0												
100.0				100.0 minor fault gouge								
105.0												
110.0												
111.8				111.8-113.7 feldspathic section.								
113.7				113.7-120.7 Basalt - massive, green, pillowed. Epidote on fractures								
115.0												
120.7	↓			END OF HOLE								

[illegible]