



ESSO RESOURCES CANADA LIMITED

ESSO MINERALS CANADA

DRILL LOG

PROJECT <i>ARBOR 2401</i>	GROUND ELEV.
HOLE NO. <i>3</i>	BEARING <i>250°</i>
LOCATION <i>JULIA CLAIMS</i> <i>WATSON LAKE MINING DIST.</i>	DIP <i>-45°</i>
	TOTAL LENGTH <i>82.9 m. (272 ft.)</i>
LOGGED BY <i>A. Stewart</i>	HORIZONTAL PROJECT
DATE <i>July 1981</i>	VERTICAL PROJECT
CONTRACTOR <i>D.J. Drilling Ltd.</i>	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE <i>BQ</i>	
DATE STARTED <i>July 19, 1981</i>	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED <i>July 20, 1981</i>	
DIP TESTS	
COMMENTS	LEGEND

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
		0.0		0 - 2.7 Overburden								
		0.0										
		0.0										
5.0	80			2.7 - 20.4 Basalt Breccia (or mud flow) Large blocks of green pillowed basalt in a red hematitic mud matrix. Est. 70% fragments. Minor chert & jasper frags. Crude cleavage. Bedding? 80° to C.A.								
	90											
	100											
10.0	80			9.1 - 15.2 Abundant red mud in matrix. est. 50%								
	80											
	100											
15.0	100											
	90											
20.0	80			20.4 - 41.5 Intermediate Tuff - soft, waxy, green, schistose w/ abundant white & pink angular chert clasts. Overall colour is green. Very friable, blocky core.								
	80											
	90											
25.0	50											
	80											
	80											
30.0	↑											
	90											
	↓											
35.0	80											
	80											
40.0	↑											
	100			41.5 - 43.0 Basalt Breccia - flow top breccia? Basalt fragments in a muddy matrix.								
45.0	↓			43.0 - 82.9 Basalt - massive pillowed basalt. Light & dark green								

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
	↑			43.0-82.9 Basalt (cont'd) - coloured w/ minor hematitic staining on fractures.							
50.0	100			48.8-50.0 Possible inter flow etc. Olive green w/ hematitic mud in fractures.							
55.0	↓			54.9-55.8 Barren qtz. vein. Minor fault gouge.							
	80										
60.0	95										
65.0	↑										
70.0											
	100										
75.0											
80.0											
82.9	↓			END OF HOLE							

MINERALIZATION
DESCRIPTIONTOTAL
SULPHIDE

SAMPLES

FROM

TO

WIDTH

SAMPLE
NUMBER

ASSAYS

END OF HOLE