



ESSO RESOURCES CANADA LIMITED

ESSO MINERALS CANADA

DRILL LOG

PROJECT <i>ARBOR 2401</i>	GROUND ELEV.
HOLE NO. <i>1</i>	BEARING <i>250°</i>
LOCATION <i>JULIA CLAIMS WATSON LAKE MINING DIST.</i>	DIP <i>-45°</i>
	TOTAL LENGTH <i>122.25 m (401 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 15, 1981</i>	
DATE COMPLETED <i>July 17, 1981</i>	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DIP TESTS	
COMMENTS	LEGEND

[illegible]

MINERALIZATION
DESCRIPTIONTOTAL
SULPHIDE

SAMPLES

FROM

TO

WIDTH

SAMPLE
NUMBER

ASSAYS

26.5-27.1 small rounded massive
pyrite frags in tuff.

15%

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
	100			46.3 blocky core, minor fault gouge at 46.3 & 47.6								
	75											
50.0	50			50.6 brecciated quartz vein								
	1			50.9-54.0 Intermediate Tuff - waxy, apple green, fissile, f.gr. plag.								
55.0				54.0-86.0 Basalt - green, massive w/ epidote & hematite, plus qtz & calcite seams.								
60.0												
65.0	100											
70.0												
75.0				73.5 minor fault gouge								
80.0												
85.0	90			86.0 minor fault gouge								
				86.0-93.3 Mafic Tuff - dark green & white mottled, moderately fissile								
90.0	100			S ₁ @ 15°-40° to C.A.								

MINERALIZATION
DESCRIPTIONTOTAL
SULPHIDE

SAMPLES

FROM

TO

WIDTH

SAMPLE
NUMBER

ASSAYS

%
Cu%
Znozs
Agozs
Au51.2 minor diss. pyrite on
fractures.

2%

86.3-93.3 heavy diss. pyrite 20%
in fractured tuff, v. minor
cpy. except 2 cm. good cpy.
at 93.0.

84.4 87.5 3.1 998.5 .013 .07 .10 .001

87.5 90.5 3.0 998.6 .073 .14 .12 .001

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
95.0				93.3-122.25 Basalt - massive, w/numerous epidote and minor jasper or hematitic fractures.							
100.0											
105.0				105.5 minor fault gouge							
110.0											
120.0											
122.25				END OF HOLE							

MINERALIZATION
DESCRIPTIONTOTAL
SULPHIDE

SAMPLES

FROM

TO

WIDTH

SAMPLE
NUMBER

ASSAYS

%

%

OZS

OZS

Cu

Zn

Ag

Au

93.0 - 2cm. good cpy.

20%

↓

90.5

93.6

3.1

9987

.142

.24

.11

.001

END OF HOLE