

036

585037

1 Apr 83

Page: 1

HOLE NUMBER : CA 117  
DATA SOURCE : Marathon Pet. Aust, Ltd  
LOGGER : Sharon Carr  
Date commenced : 22 Nov 82  
Date completed : 25 Nov 82

LOCATION:

NORTHING : 5185576.00  
EASTING : 490977.00  
ELEVATION :

DRILLING:

CONTRACTOR : Rockdrill Contractors  
DRILL TYPE : Rotary-percussion  
HOLE SIZE :  
CORE SIZE :  
TOTAL DEPTH : 195.00m

GEOPHYSICAL:

CONTRACTOR : BPB Instruments  
PROBE DEPTH : 100.00m  
LOGS RUN : Natural Gamms  
Long Spaced Density  
Caliper  
Resistivity  
Neutron

037

12 Apr 83

Drillhole CA117

Page: 2

\*\*\*\*\*  
FROM TO LITHOLOGY  
\*\*\*\*\*

\*\*\*\*\* CHIP DESCRIPTION \*\*\*\*\*

HAMMER

0.00 - 1.00	SOIL, tan, highly weathered.
1.00 - 6.00	SANDSTONE, white, very fine grained, argillaceous, highly weathered.
6.00 - 9.00	BASALT, pale green, highly weathered.
9.00 - 12.00	NO SAMPLE RETURN.
12.00 - 19.00	50% BASALT, pale green, highly weathered. 50% CLAY, highly weathered.
19.00 - 27.00	60% SANDSTONE, yellow, fine grained, quartzose (>90% quartz) argillaceous, moderately weathered, moderate yellow iron oxide staining, interbedded with: 40% CLAY, greyish-brown, moderately weathered.
27.00 - 50.00	SANDSTONE, yellow, fine grained, quartzose (>90% quartz) argillaceous, moderately weathered, moderate yellow iron oxide staining.
50.00 - 67.00	DOLERITE, greenish-black, fine grained, hard, moderately weathered, intense brown iron oxide staining.
***** BASE OF MODERATE WEATHERING *****	
67.00 - 101.00	DOLERITE, greenish-black, fine grained, hard, slightly weathered, slight brown iron oxide staining.
***** BASE OF WEATHERING *****	
101.00 - 106.00	MUDSTONE, black.
106.00 - 113.00	MUDSTONE, grey.
113.00 - 117.00	90% MUDSTONE, interbedded with: 10% SANDSTONE, grey, fine grained, quartzose (>90% quartz).
117.00 - 144.00	MUDSTONE, black, hard arenaceous. Could be slightly metamorphosed
144.00 - 150.00	MUDSTONE, grey.
150.00 - 158.00	MUDSTONE, hard arenaceous.

038

585039

12 Apr 83

Drillhole CA117

Page: 3

\*\*\*\*\*  
 FROM TO LITHOLOGY  
 \*\*\*\*\*

158.00 - 162.00 DOLERITE, greenish-black, fine grained, hard, slight  
 brown iron oxide stainings.

162.00 - 184.00 MUDSTONE, black, hard arenaceous.

184.00 - 187.00 MUDSTONE, grey, with some doleritic fragments.

187.00 - 193.00 MUDSTONE, black, hard arenaceous.

193.00 - 195.00 DOLERITE, greenish-black, fine grained, hard.  
 Could not cut dolerite with Hammer

196.00 \*\*\*\*\* TOTAL DEPTH \*\*\*\*\*