

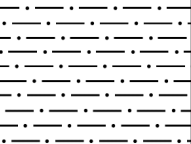
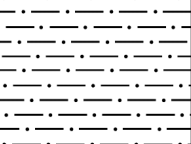
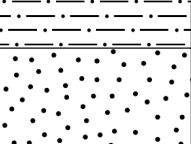
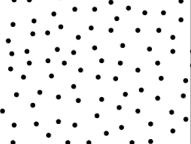
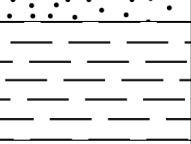

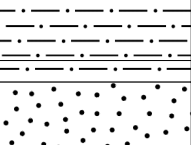


Sponsor: Department of Mines  
 Drill date: 08/08/1978  
 Drilling Method: Diamond  
 Azimuth: 0 degrees Dip: -90  
 Coordinates: 492213mE 5440984mN GDA94 Zone 55 MGA RL: 23m AHD

# Launceston Group Stratigraphy

Logged by: University of Canberra: Leah Moore, M Sweeney, K Croft,  
 L Philippa; Palynology: M MacPhail; Compiler: C Mazengarb

Drill length: 39m

Drillhole TIGER ID: 14662  
 Name: BH1  
 Location:  
 Rowella

Depth (m)	Stratigraphy	Lithology	Description	Dating method	Biostratigraphic zone or radiostratigraphic age	Geological timescale constraint	Environment	Comments
0								
1								
2								
3			SILT: White and orange mottled silt (Pedogenic zone)					
4								
5			SAND: Orange fine sand at base to white (bleached) fine sand at top					
6								
7			CLAY: Orange and white mottled clay (weathering front)					
8								
9			SILT: Pale brown grey silt					
9			SILT: Black carbonaceous silt with plant material interval (~20cm)	+ Palynology	<u><i>P. asperopolus</i></u>	mid Early Eocene to mid Middle Eocene	Freshwater pond	
10			SAND: Pale grey fine sand and carbonaceous laminations in places - some plant material					

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10	Launceston Group							
11			SILT: Pale grey silt					
12			Ironstone: Cemented ferruginous interval (~15cm)					
13			SILT: Yellow brown					
14			SILT: Red silt interval (?oxidised)					
15								
16								
17								
18								
19				SILT: Yellow brown				
20								

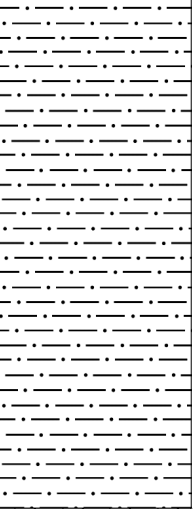
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20	Prozoic basalt							
21								
22								
23								
24								
25				BASALT: Dark grey scoriaeous basalt. Scoria fragments up to small pebble size				
26				BASALT: Dark grey vesicular basalt				
27				BASALT: Dark grey possible volcaniclastic (?ash) or altered basalt				
28								
29				BASALT: Dark grey basalt (porphyritic) and some vesicles				
30								

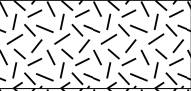





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Drill length: 39m

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 Location:  
 Rowella

Depth (m)	Stratigraphy	Lithology	Description	Dating method	Biostratigraphic zone or radiostratigraphic age	Geological timescale constraint	Environment	Comments
30	Ce		BASALT: Dark grey possible volcanoclastic (?ash) or altered basalt					
31			BASALT:					
			ASH: Dark grey fine ?ash. Mn oxide on surfaces.					
32			ASH: Dark grey fine ?ash. Mn oxide on surfaces.					
33			BASALT: Dark grey possible volcanoclastic (?ash) or altered basalt					
34			BASALT: Dark grey porphyritic basalt					
35								
36								
37								
38								
39								
			NO CORE					Drillers log indicates it was drilled to 39m, but core ends at 34m