

Material Test Report



Ground Science South West

Geotechnical & Environmental Consultants

Report Number: GSSW576-20C
Issue Number: 1
Date Issued: 31/08/2020
Client: AEROLITE QUARRIES PTY LTD
 325 Old Boundary Road , ANAKIE VIC 3115
Contact: HAYDEN EDGAR
Project Number: GSSW576
Project Name: PRODUCT SUITABILITY TESTING
Project Location: ANAKIE
Work Request: 7602
Sample Number: 576-S33
Date Sampled: 26/08/2020
Dates Tested: 26/08/2020 - 28/08/2020
Sampling Method: Sampled by Client - Tested as Received
The results apply to the sample as received
Sample Location: Stockpile
Material: 20mm Basalt
Material Source: Aerolite Quarries Anakie

Ground Science South West Pty Ltd
 10 Dowsett Street South Geelong Vic 3220
 Phone: (03) 5282 1566
 Email: chrism@groundscience.com.au



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Chris Mamalis
 Laboratory Manager
 NATA Accredited Laboratory Number: 20109

Particle Size Distribution (AS1141.11.1)				
Sample Washing	Sample was Washed			
Sieve	Passed %	Passing Limits	Retained %	Retained Limits
26.5 mm	100		0	
19 mm	43		57	
13.2 mm	4		39	
9.5 mm	3		1	
6.7 mm	2		0	
4.75 mm	2		0	
2.36 mm	2		0	
1.18 mm	2		0	
0.6 mm	2		0	
0.425 mm	2		0	
0.3 mm	2		0	
0.15 mm	2		0	
0.075 mm	2		0	

Moisture Content (AS1289.2.1.6)	
Moisture Content (%)	1.1

Density and Water Absorption of Coarse Aggregate (AS 1141.6.1)			
	Min	Max	
Apparent Particle Density (t/m ³)	2.84		
Particle Density Dry (t/m ³)	2.61		
Particle Density SSD (t/m ³)	2.69		
Water Absorption (%)	3.1		

