

Material Test Report



Ground Science South West

Geotechnical & Environmental Consultants

Report Number: GSSW576-20B
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-S32
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: 14mm Basalt
Material Source: Aerolite Quarries Anakie

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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
19 mm	100		0	
13.2 mm	95		5	
9.5 mm	29		66	
6.7 mm	5		24	
4.75 mm	3		2	
2.36 mm	3		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 (%)	1.8
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Density and Water Absorption of Coarse Aggregate (AS 1141.6.1)

	Min	Max
Apparent Particle Density (t/m ³)	2.90	
Particle Density Dry (t/m ³)	2.65	
Particle Density SSD (t/m ³)	2.74	
Water Absorption (%)	3.2	

Particle Size Distribution

