

Test Report

Customer: Dixon Sand Pty Ltd
Address: 4610 Old Northern Road, Maroota NSW 2756
Project: Material Testing
Project Location: 4610 Old Northern Road, Maroota NSW 2756

Job number: 24-0030
Report number: 1
Page: 1 of 1

Material Quality Summary

Sampling method: Sample(s) provided by customer, results apply to the sample(s) as received.

Test method(s): AS 1289.1.1, .2.1.1, .5.1.1, ASTM D5334

Date tested: 08/03/2024 to 25/03/2024

	Results					
Laboratory sample number	33412					
Customer sample number	TR Sand					
Date sampled	06/03/2024					
Material description	silty clayey SAND, trace of gravel, yellow-brown					
Dry density/moisture relationship						
Standard maximum dry density (t/m ³)	2.00					
Standard optimum moisture content (%)	10.5					
AS Sieve (mm)	19					
Oversize retained (%)	0					
Curing time (hours)	48					
Thermal Resistivity	A	B				
Test sample moisture content (%)	10.5	10.4				
Thermal resistivity at test sample moisture content (Km/W)	0.35	0.35				
Thermal resistivity fully dry (Km/W)	0.96	0.98				
Test sample dry density (t/m ³)	1.97	1.97				

Notes: ASTM D5334 tested by Geotherm Australasia, NATA accredited laboratory number 20321, Report reference 135649

Method used to determine liquid limit: Visual / tactile assessment

Specified LDR 98 ± 1%.

Approved Signatory:  L. Coleman

Date: 26/03/2024