



# J & A GEOTECH TESTING PTY LTD

Certificate No **248370**

Unit 2/25 Dacre Street Mitchell ACT 2911

**Test Certificate – Moisture Content, Particle Size Distribution, Atterberg Limits, Linear Shrinkage, pH Value & Clay & Fine Silt**

Client	<b>THARWA SANDS</b>	Job No	<b>0040</b>
Principal		Date Tested	22.8.17
Project	<b>Quality Control Testing</b>	Tested By	D.J
Location	<b>Ginninderra Quarry ACT</b>	Date Checked	22.08.17
<b>Test Procedures</b>		Checked By	S.M
<input checked="" type="checkbox"/> AS 1141.11.1 Washed <input type="checkbox"/> AS 1289 2.1.1 <input type="checkbox"/> AS 1289 3.1.1 <input type="checkbox"/> AS 1289 3.1.2 <input type="checkbox"/> AS 1289 3.2.1 <input type="checkbox"/> AS 1289 3.3.1 <input type="checkbox"/> AS 1289 3.4.1 <input type="checkbox"/> AS 1289 3.6.1 <input type="checkbox"/> AS 1141 .33 <input checked="" type="checkbox"/> AS 1289 4.3.1 <input type="checkbox"/> RMS T108 <input type="checkbox"/> RMS T109 <input type="checkbox"/> RMS T113 <input type="checkbox"/> RMS T120 <input type="checkbox"/> RMS T180 <input type="checkbox"/> RMS T106 <input type="checkbox"/> RMS T107			

Gradation			
AS Sieve Size	Percent Finer Than AS Sieve	Specification Limits	
		From	To
75.0 mm	-	-	-
53.0 mm	-	-	-
37.5 mm	-	-	-
26.5 mm	-	-	-
19.0 mm	-	-	-
13.2 mm	100	-	-
9.5 mm	100	-	-
6.7 mm	97	-	-
4.75 mm	95	-	-
2.36 mm	89	-	-
1.18 mm	76	-	-
0.600 mm	58	-	-
425 µm	49	-	-
300 µm	44	-	-
150 µm	35	-	-
75 µm	30	-	-
13.5 µm	N/A	-	-
Comments:			

Natural Moisture Content, Atterberg Limits and Linear Shrinkage <input type="checkbox"/> Wet Prep <input type="checkbox"/> Dry Prep		
Liquid Limit	%	-
Plastic Limit	%	-
Plasticity Index	%	-
Linear Shrinkage	%	-
Natural Moisture Content	%	-

Sample Description/Material Source
<p>Sampled in accordance with AS 1141.3.1 Clause 6.9.3 on 16.08.17</p> <p>Type C Top Soil Stockpile</p>

pH Value =
pH 6.0
Clay & Fine Silt Settling Method
%



Accredited for compliance with ISO/IEC 17025-Testing.  
 The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

22.08.17  
 Laboratory Manager/Date  
 Scott Miller

NATA Accredited Laboratory  
 Number: 19979

R-SCT Oct 2016

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