


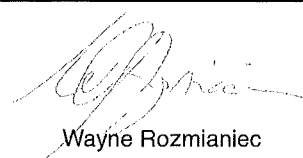
Material Test Certificate
AS 1289.6.1.1 Determination of the California Bearing Ratio of a soil - Standard laboratory method for a remoulded specimen

Client:	SOUTHERN SPONGOLITE INDUSTRIES PTY LTD	Job Number:	S974293
Project:	#488 NICHOLSON RD FORRESTDALE	Issue Number:	1
Report Number:	S974293-A	Page:	2 of 2
Laboratory testing carried out at Balcatta Laboratory 1 Erindale Rd Balcatta WA 6021			

Sample ID:	Submitted Spongolite Sample	Date Tested:	21 Aug 2020
Proposed Use:	-	Laboratory Number:	S974293-A-1
Material Type:	Spongolite	Depth of Test:	- mm
Moisture content method:	AS 1289.2.1.1	Layer Thickness:	- mm
Sampling Method :	Client	Site Selection Method:	Client
Sample Preparation Method:	AS 1289.1.1		

	Placement Conditions	
Period of Soaking (days)	4	
Mass of Surcharge Applied kg	4.50	
Sample Curing Time (hrs)	24	
Method of Establishing Plasticity	Visual/Tactile	
Compaction Hammer Used	AS 1289.5.2.1	
Compactive Effort - Average Blows per Layer	11	
Compactive Effort - Number of Layers	5	
	Result	Specified
Maximum Dry Density	1.14 t/m ³	95.0 %
Optimum Moisture Content	44.5 %	100.0 %
Percent retained on 19 mm sieve	2 %	
	Result	Ratio
Moisture content at compaction	45.0 %	100.5 %
Moisture Content after Soaking	47.8 %	107.0 %
Moisture Content - Top 30 mm	46.0 %	103.0 %
Moisture Content - Remainder	45.5 %	102.0 %
Dry Density of Specimen at Compaction	1.08 t/m ³	95.0 %
Dry density of Specimen after Soaking	1.08 t/m ³	95.0 %
Swell	0.0 %	
California Bearing Ratio / Penetration	60 %	@ 2.5 mm

Notes:

 <p>Accredited for compliance with ISO/IEC 17025 - Testing</p>	Approved Signatory:		Date: 26 Aug 2020
	<p>STRUCTERRE CONSULTING ENGINEERS BALCATT LABORATORY ACCREDITATION NUMBER 18742</p>	Laboratory Manager	Wayne Rozmianiec

Material Test Certificate

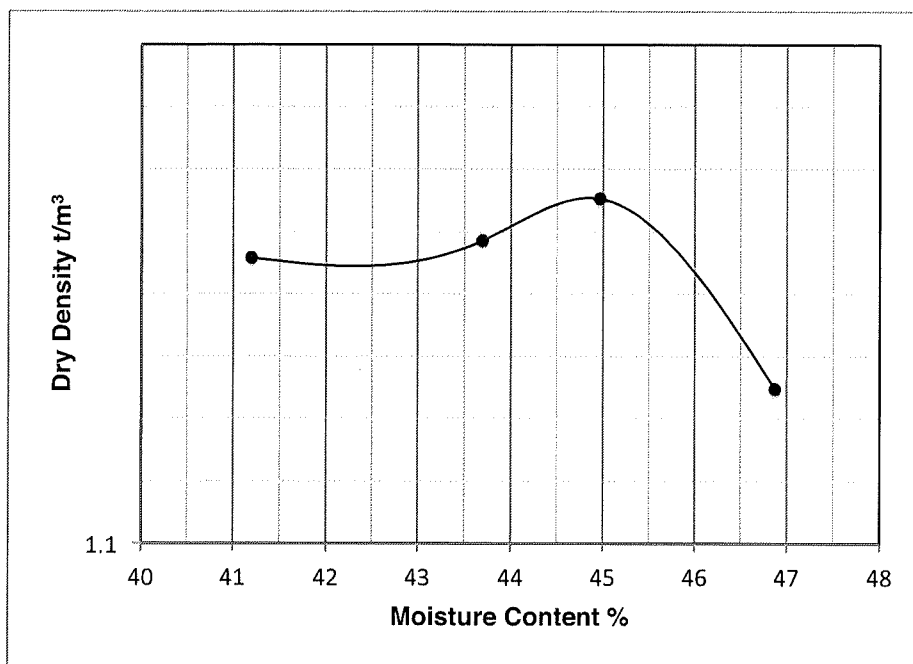
AS 1289.5.2.1 Determination of the dry density/moisture content relation of a soil using modified compactive effort

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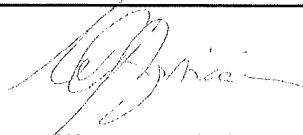
Sample ID:	Submitted Spongolite Sample	Date Tested:	19 Aug 2020
Proposed Use:	-	Laboratory Number:	S974293-A-1
Material Type:	Spongolite	Depth of Test:	- mm
Sampling Method :	Client	Layer Thickness:	- mm
	Site Selection Method:	Client	

AS 1289.2.1.1 Moisture Content Sample Preparation Method: AS 1289.1.1

Maximum Dry Density t/m³	1.14	Optimum Moisture Content %	45.0
% Retained 19mm Sieve	2	% Retained 37.5mm Sieve	0
Curing Time hrs	24	Method used to determine LL	Visual/Tactile



Notes:

 <p>Accredited for compliance with ISO/IEC 17025 – Testing</p> <p>WORLD RECOGNISED ACCREDITATION</p> <p>STRUCterre CONSULTING ENGINEERS BALCATTa LABORATORY ACCREDITATION NUMBER 18742</p>	<p>Approved Signatory: Laboratory Manager</p>	 Wayne Rozmianiec	<p>Date: 26 Aug 2020</p>
	<p>MDD Report</p>		

AS 1289.5.2.1 R Rev. 3.0 Jan-18

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