

P F FORMATION  
1774 WISEMANS FERRY ROAD  
MAROOTA NSW 2756

MATERIAL ASSESSMENT - CBR  
QUARRY SAMPLE TESTING, MAROOTA

**CALIFORNIA BEARING RATIO TEST REPORT**

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CBR Test Procedure		Laboratory Compaction Method		Sampling Method		Date of Test	
AS1289 6.1.1		AS1289 5.1.1		Client		27/07/2020	
Job No: 7018/2		Tested By: BC		Checked By: AK		Lab Penrith	
Laboratory Number		7018/2-92					
Sample No		CBR 1					
Depth (m)		Stockpile					
Date Received		22/07/2020					
Sample Description		Crushed Sandstone					
Maximum Dry Density		t/m <sup>3</sup>	1.97				
Optimum Moisture Content		%	10.6				
Field Moisture Content		%	8.4				
% Retained 19mm			53.3				
Excluded (Yes / No / Not Applicable)			Yes				
CBR TEST RESULTS							
Dry Density	Before soaking		1.98				
	After soaking		1.98				
Density Ratio	Before soaking		100.5				
Moisture Content %	Before soaking		10.1				
	After soaking		12.5				
Moisture Ratio	Before soaking		95				
Number of Days Soaked			4				
Surcharge	kg		4.5				
Moisture Content after test %	Top 30mm		10.0				
	Whole Sample		12.0				
Swell after soaking		%	Nil				
Penetration		mm	5.0				
<b>CBR VALUE</b>		%	<b>30</b>				

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Nata Accreditation Number 2734  
Corporate Site Number 2727

Accredited for compliance with ISO/IEC 17025 - Testing.

A Kench

29/07/2020

Approved Signatory