

## PARTICLE SIZE DISTRIBUTION

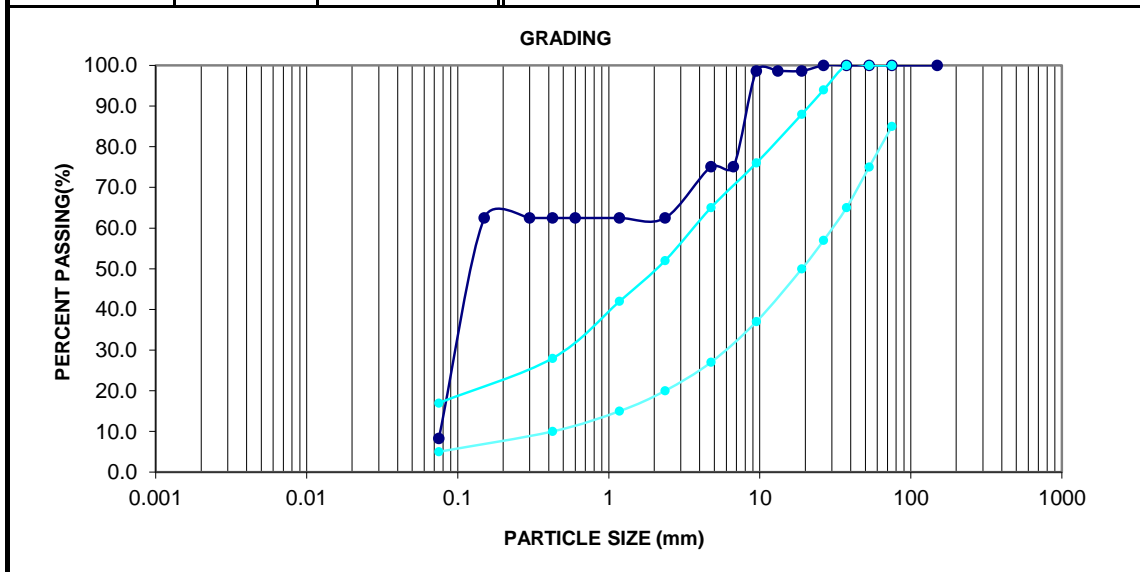
P F FORMATION  
1774 WISEMANS FERRY ROAD  
MAROOKA NSW 2756

Laboratory: Penrith  
Job No: 7018/1

PROJECT: MATERIAL ASSESSMENT  
QUARRY SAMPLE TESTING, EMU PLAINS DEPOT

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<b>Lab Reference No</b> 7018/1-2064		<b>Sample Identification:</b> -53mm Crushed Sandstone	
<b>Laboratory Specimen Description:</b> 153mm Crushed Sandstone			
<b>Sample Date:</b> April 2024			
<b>Particle Size Distribution</b> TfNSW T106		<b>Consistency Limits and Moisture Content</b>	
<b>PSD Test Date:</b> 02/05/2024		<b>Atterberg Test Date:</b> Not Requested	
Sieve Size	% Passing	Specification	Test
150 mm	100		Liquid Limit % AS1289 3.1.1
75 mm	100	85 - 100	Plastic Limit % AS1289 3.2.1
53mm	100	75 - 100	Plasticity Index AS1289 3.3.1
37.5 mm	100	95 - 100	Linear Shrinkage % AS1289 3.4.1
26.5 mm	100		Moisture Content % AS1289 2.1.1
19.0 mm	99	50 - 85	
13.2 mm	99		Sampling Method: AS1141.3.1 Clause 6.9.5
9.5 mm	99		Crumbling / Curling of linear shrinkage:
6.7 mm	75	40 - 80	Linear shrinkage mould length:
4.75 mm	75		
2.36 mm	62	35 - 70	
1.18 mm	62		
600 um	62		
425 um	62		
300 um	62		
150 um	62		
75 um	8	0 - 15	
<b>Notes</b>			
ND = not determined NO = not obtainable			



Form No R006a Version 06 04/23 - issued by ER



Nata Accreditation Number 2734  
Corporate Site Number 2727

Accredited for compliance with  
ISO/IEC 17025 - Testing.

A Kench

Report Date  
02/05/2024

Approved signatory