

CCC AP65  
TEST REPORT



Project : Quality Assurance  
 Location : Production Stock  
 Client : Road Metals Company Limited  
 Contractor : Various  
 Sampled by : Steve Gilbert (Road Metals)  
 Date sampled : 14 February 2025  
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)  
 Sample description : CCC AP65  
 Sample condition : Damp as received  
 Source : Rolleston Quarry

Project No : 6-JRMCO.16/6LC  
 Lab Ref No : CH12433  
 Client Ref No : 915-169

Particle Size Distribution			
Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit - Coarse	Upper Limit - Fine
63.0	100	100	100
37.5	85	60	90
19.0	54	45	65
9.5	32	30	50
4.75	20	20	40
2.36	16	10	28
1.18	14	7	22
0.600	13	5	16
0.300	10	4	12
0.150	7	3	8
0.075	6	3	6

% passing the finest sieve is obtained by difference

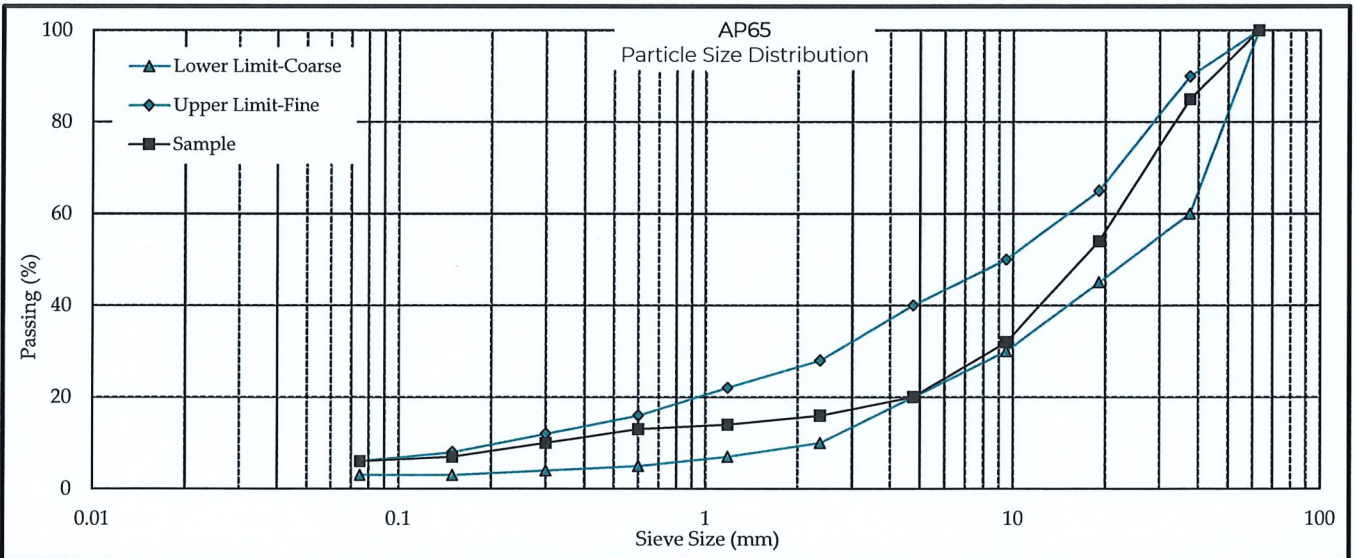
Crushing Resistance		
% Fines @ Spec. Load	-	%
Specification	-	%
Crushing Resistance	-	kN
Nom Aggregate Size	-	mm
Specified Load	-	kN

Broken Faces Content of Aggregate		
Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
65.0 - 37.5	-	50
37.5 - 19.0	-	50
19.0 - 9.5	-	50
9.5 - 4.75	-	50

Plasticity Index	
Sample PI	Non Plastic
Specification	<= 5


Clay Index	
Sample CI	0.5
Specification	<= 3

Sand Equivalent (Washed, Mechanical Shaking)	
Sample SE	-
Specified	>= 40



Test Methods			
Plasticity Index	NZS 4407 : 2015 : Test 3.4		
Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1	Clay Index	NZS 4407 : 2015 : Test 3.5

Date tested : 4 March 2025      Sampling is covered by IANZ Accreditation  
 Date reported : 5 March 2025      This report may only be reproduced in full

IANZ Approved Signatory   
 Designation : Laboratory Manager  
 Date : 5 March 2025



Test results indicated as not accredited are outside the scope of the laboratory's accreditation

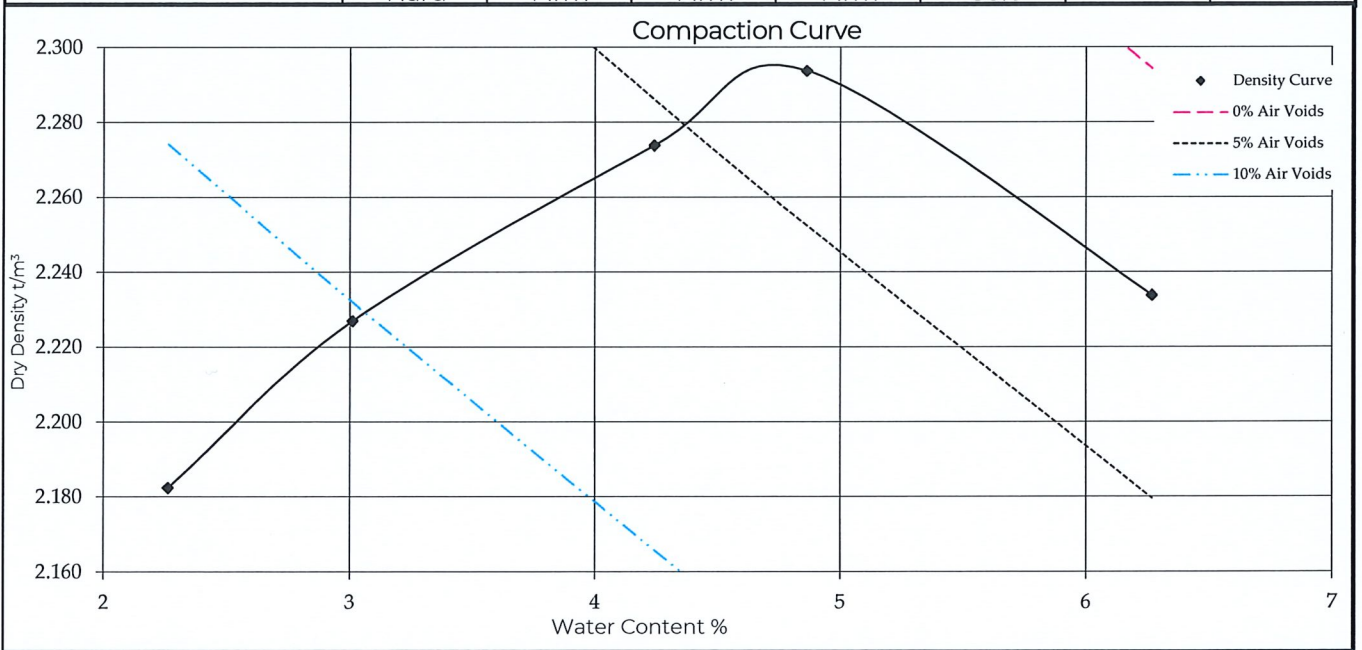
**DRY DENSITY / WATER CONTENT RELATIONSHIP  
VIBRATING COMPACTION**



Project : Quality Assurance  
 Location : Production Stock  
 Client : Road Metals Company Limited  
 Contractor : Various  
 Sampled by : Steve Gilbert (Road Metals)  
 Date sampled : 14 February 2025  
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)  
 Sample description : CCC AP65  
 Sample condition : Damp as received  
 Solid density : 2.68 t/m<sup>3</sup> (Assumed)  
 Source : Rolleston Quarry

Project No : 6-JRMCO.16/6LC  
 Lab Ref No : CH12433  
 Client Ref No : 915-169

Test Results							
Maximum dry density	2.30	t/m <sup>3</sup>	Natural water content	4.2	%		
Optimum water content	4.8	%	Fraction tested	Passing 37.5mm			
Sample ID	-2%	-1%	NAT	+1%	+2%		
Bulk density t/m <sup>3</sup>	2.232	2.294	2.370	2.405	2.374		
Water content %	2.3	3.0	4.2	4.9	6.3		
Dry density t/m <sup>3</sup>	2.182	2.227	2.274	2.294	2.234		
Sample condition	Moist Hard	Wet Firm	Wet Firm	Wet Firm	Saturated Soft		



Test Methods	Notes
Compaction NZS 4402 : 1986 : Test 4.1.3	All information supplied by Client

Date tested : 3 March 2025  
 Date reported : 5 March 2025

Sampling is covered by IANZ Accreditation  
 This report may only be reproduced in full

Approved Signatory   
 Designation : Laboratory Manager  
 Date : 5 March 2025



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation