

CCC AP65  
TEST REPORT



Project : Quality Assurance  
 Location : Production Stock  
 Client : Road Metals Company Limited  
 Contractor : Various  
 Sampled by : Paul Campbell (Road Metals)  
 Date sampled : 18 March 2026  
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)  
 Sample description : CCC AP65  
 Sample condition : Damp as received  
 Source : Yaldhurst Quarry

Project No : 6-JRMCO.16/6LC  
 Lab Ref No : CH13789  
 Client Ref No : 910-LR-604

Particle Size Distribution			
Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit - Coarse	Upper Limit - Fine
63.0	100	100	100
37.5	90	60	90
19.0	60	45	65
9.5	37	30	50
4.75	25	20	40
2.36	20	10	28
1.18	17	7	22
0.600	15	5	16
0.300	12	4	12
0.150	6	3	8
0.075	3	3	6

% passing the finest sieve is obtained by difference

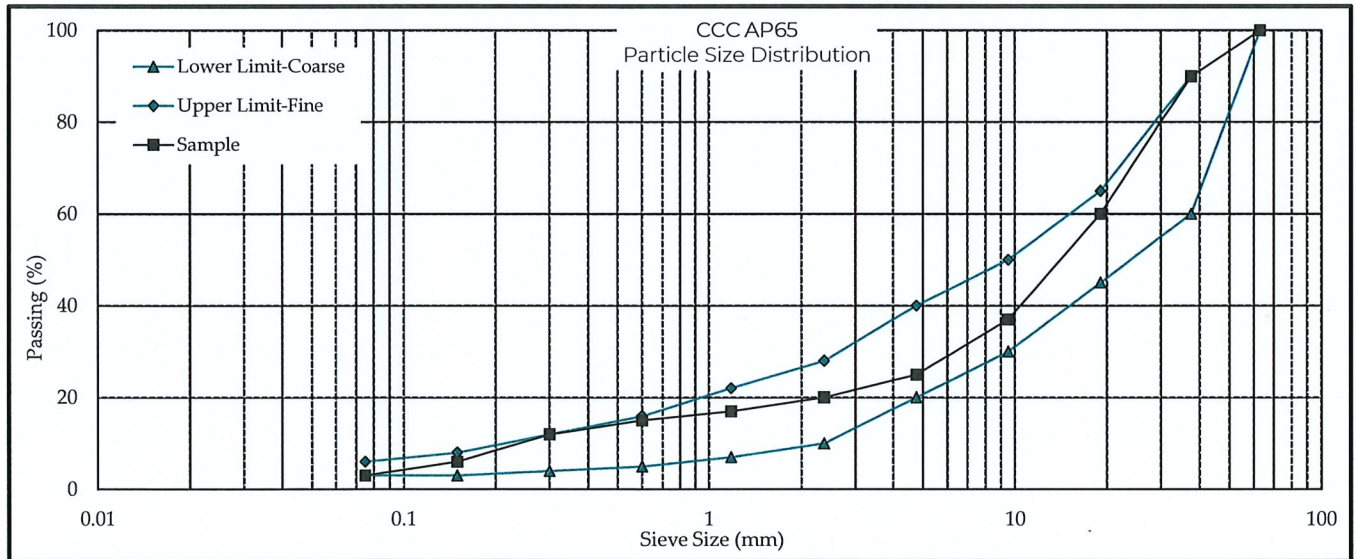
Crushing Resistance	
% Fines @ Spec. Load	- %
Specification	- %
Crushing Resistance	- kN
Nom Aggregate Size	- mm
Specified Load	- kN

Broken Faces Content of Aggregate		
Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
65.0 - 37.5	47	-
37.5 - 19.0	40	-
19.0 - 9.5	38	-
9.5 - 4.75	46	-

Plasticity Index	
Sample PI	-
Specification	<= 5

Clay Index	
Sample CI	-
Specification	<= 3

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



Test Methods			
Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1	Broken Faces Content of Aggregate	NZS 4407 : 2015 : Test 3.14

Date tested : 23 March 2026      Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.  
 Date reported : 26 March 2026      This report may only be reproduced in full

IANZ Approved Signatory   
 Designation : Laboratory Manager  
 Date : 26 March 2026



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

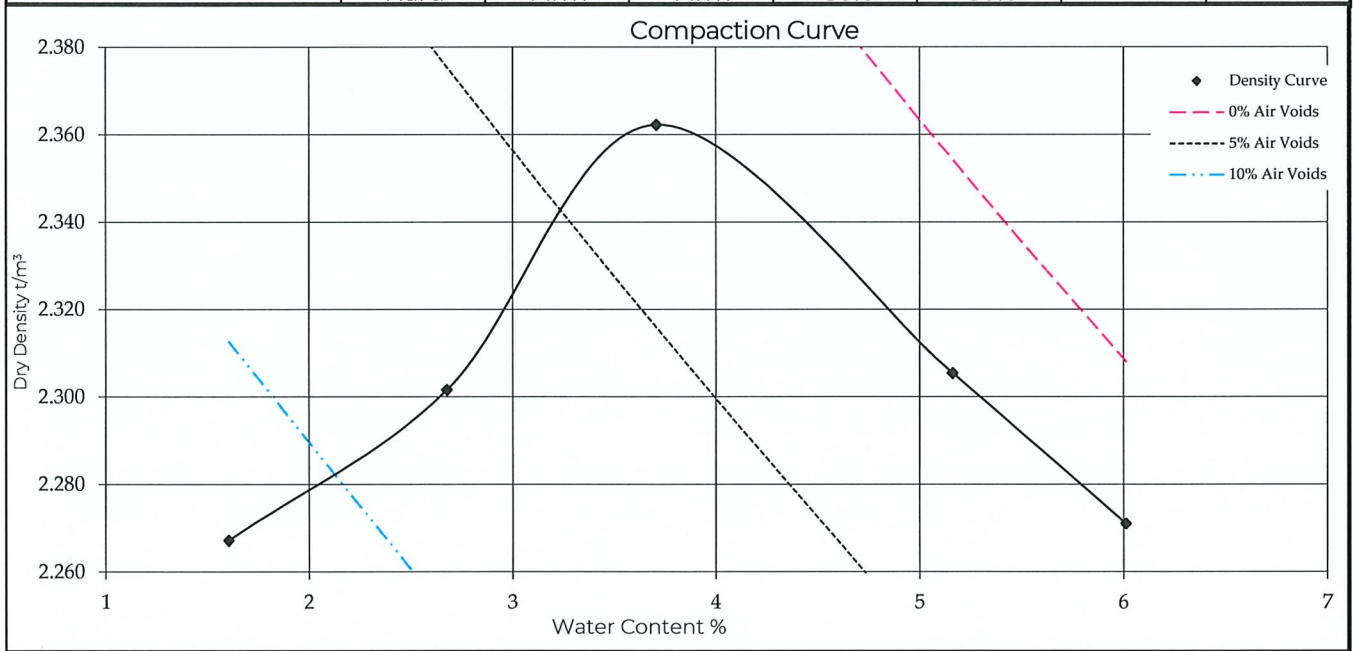
**DRY DENSITY / WATER CONTENT RELATIONSHIP  
VIBRATING COMPACTION**



Project : Quality Assurance  
 Location : Production Stock  
 Client : Road Metals Company Limited  
 Contractor : Various  
 Sampled by : Paul Campbell (Road Metals)  
 Date sampled : 18 March 2026  
 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 : Yaldhurst Quarry

Project No :	6-JRMCO.16/6LC
Lab Ref No :	CH13789
Client Ref No :	910-LR-604

Test Results							
Maximum dry density	2.36	t/m <sup>3</sup>	Natural water content	3.7	%		
Optimum water content	3.6	%	Fraction tested	Passing 37.5mm			
Sample ID	-2%	-1%	NAT	+2%	+3%		
Bulk density t/m <sup>3</sup>	2.304	2.363	2.450	2.424	2.408		
Water content %	1.6	2.7	3.7	5.2	6.0		
Dry density t/m <sup>3</sup>	2.267	2.302	2.362	2.305	2.271		
Sample condition	Moist Hard	Wet Firm	Wet Firm	Wet Soft	Saturated Soft		



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

Date tested : 19 March 2026  
 Date reported : 26 March 2026

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

Approved Signatory   
 Designation : Laboratory Manager  
 Date : 26 March 2026



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