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:

16 May 2025

Sampling method: NZS 4407:2015 (2.4.6.3.2)

Sample description: CCC AP65

Sample condition:

Damp as received

Source:

Yaldhurst Quarry

	THE PERSON NAMED IN	NAME OF TAXABLE PARTY.	
Droi	oct	No	
	ect	140	

6-JRMCO.16/6LC

Lab Ref No:

CH12756

Client Ref No:

RM45436

Particle Size Distribution							
Sieve Size		Percentage Passing					
(mm)	Sample	Lower Limit - Coarse	Upper Limit - Fine				
63.0	100	100	100				
37.5	86	60	90				
19.0	56	45	65				
9.5	35	30	50				
4.75	24	20	40				
2.36	18	10	28				
1.18	15	7	22				
0.600	13	5	16				
0.300	9	4	12				
0.150	4	3	8				
0.075	3	3	6				
% passing the	finest sieve is	obtained by difference					

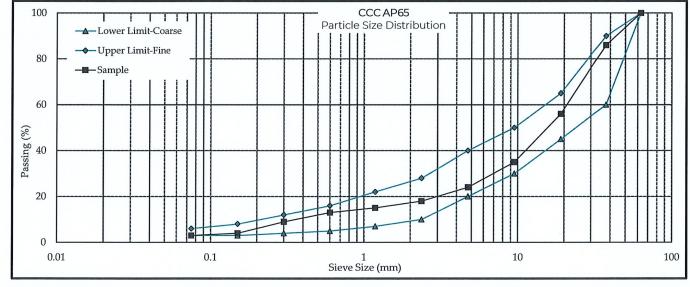
% Fines @ Spec. Load	-	%
Specification	-	%
Crushing Resistance	-	kN
Nom Aggregate Size	-	mm
Specified Load	-	kN

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

Plasticity Index		
Sample PI	-	
Specification		

Clay Index				
Sample CI	-			
Specification				

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



Test Methods

Particle Size Distribution

NZS 4407: 2015: Test 3.8.1

Date tested: Date reported: 28 May 2025 9 June 2025

Sampling is covered by IANZ Accreditation

This report may only be reproduced in full

IANZ Approved Signatory

Designation:

Laboratory Manager

Date:

9 June 2025

CCREDITED NA LABORATO

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

CLF 018 (1/9/22)

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WSP New Zealand Limited Christchurch Laboratory

Quality Management Systems Certified to ISO 9001

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PO Box 1482, Christchurch Mail Centre, Christchurch 8140, New Zealand

Telephone +64 3 343 0739

Website www.wsp.com/nz

DRY DENSITY / WATER CONTENT RELATIONSHIP VIBRATING COMPACTION



Project:

Quality Assurance

Location:

Production Stock

Client:

Road Metals Company Limited

Contractor:

Various

Sampled by:

Date sampled:

Paul Campbell (Road Metals)

Sampling method:

16 May 2025 NZS 4407: 2015 (2.4.6.3.2)

Sample description:

CCC AP65

Sample condition:

Damp as received

Solid density:

2.68

t/m³ (Assumed)

Source:

Yaldhurst Quarry

Project No:

6-JRMCO.16/6LC

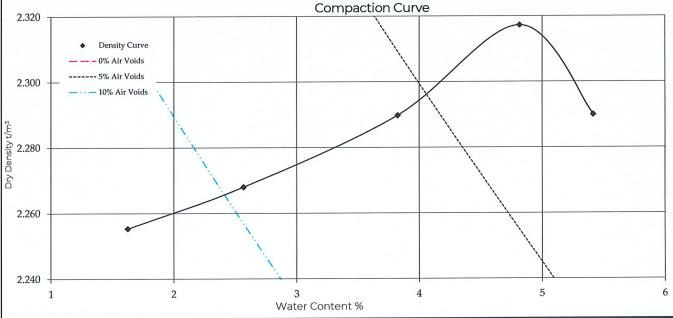
Lab Ref No:

CH12756

Client Ref No:

RM45436

			Test Results				
Maximum dry density	2.32	t/m³		Natural wa	ter content	3.8	%
Optimum water content	4.8	%		Fraction te	sted P	assing 37.5	mm
Sample ID	-2%	-1%	Nat	+1%	+2%		
Bulk density t/m³	2.292	2.326	2.377	2.429	2.414		
Water content %	1.6	2.6	3.8	4.8	5.4		
Dry density t/m ³	2.255	2.268	2.290	2.317	2.290		
Sample condition	Moist	Wet	Wet	Wet	Saturated		
	Firm	Firm	Firm	Firm	Firm		
2.222			Compactio	n Curve			
2.320			/		*		



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

Date tested: 2 June 2025

Date reported: 9 June 2025

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

Approved Signatory

Laboratory Manager

Date:

9 June 2025

CCREDITED WG LABORATO

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

PF-LAB-027 (19/01/2022)

Designation:

Page 2 of 2

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