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 April 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:

CH12724

Client Ref No:

915-174

	Particle Size Distribution						
Sieve Size	Percentage Passing						
(mm)	Sample	Lower Limit - Coarse	Upper Limit - Fine				
63.0	100	100	100				
37.5	88	60	90				
19.0	58	45	65				
9.5	36	30	50				
4.75	22	20	40				
2.36	17	10	28				
1.18	15	7	22				
0.600	13	5	16				
0.300	10	4	12				
0.150	7	3	8				
0.075	5	3	6				
% nassing the	finact ciava ic	obtained by difference					

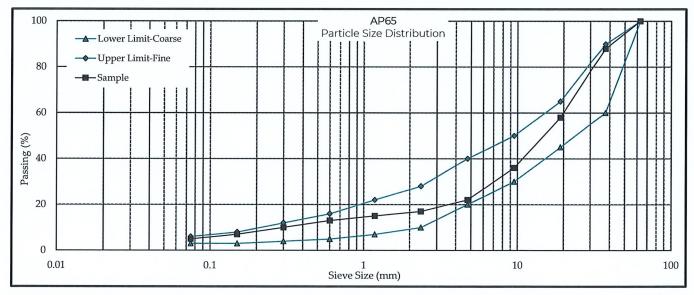
Crushing Resistance					
% Fines @ Spec. Load	-	%			
Specification	-	%			
Crushing Resistance	-	kN			
Nom Aggregate Size	-	mm			
Specified Load	-	kN			

Broken Faces Content of Aggregate					
Fraction	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	Non Plastic		
Specification			

Clay Index		
Sample CI	0.7	
Specification		

Sand Equivalent (Washed, Mechanical Shaking)				
Sample SE	22			
Specified				



Test Methods

Plasticity Index Sand Equivalent NZS 4407 : 2015 : Test 3.4

NZS 4407: 2015: Test 3.6

NZS 4407: 2015: Test 3.8.1 Clay Index

NZS 4407: 2015: Test 3.5

Date tested:

21 May 2025

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested. This report may only be reproduced in full

CCREDITED

Date reported:

Particle Size Distribution

31 May 2025

IANZ Approved Signatory

Designation:

Laboratory Manager

Date:

31 May 2025

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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DRY DENSITY / WATER CONTENT RELATIONSHIP VIBRATING COMPACTION



Project:

Quality Assurance

Location:

Production Stock

Client:

Road Metals Company Limited

Contractor:

Sampled by:

Steve Gilbert (Road Metals)

Date sampled:

14 April 2025

Sampling method: Sample description: NZS 4407: 2015 (2.4.6.3.2)

Source:

CCC AP65

Sample condition:

Damp as received

Rolleston Quarry

Solid density:

2.68

t/m³ (Assumed)

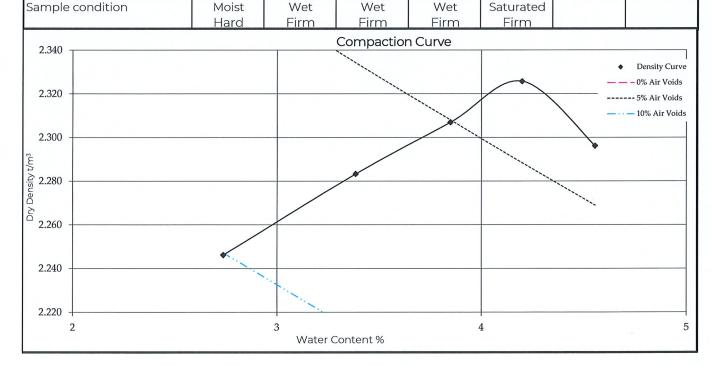
Project No: Lab Ref No: 6-JRMCO.16/6LC

CH12724

Client Ref No:

915-174

			T	est Results				
Maximum dry density		2.32	t/m³		Natural water content		3.8	%
Optimum water content		4.2	%		Fraction tes	ited F	Passing 37.5	mm
Sample ID		-2%	-1%	NAT	+1%	+2%		
Bulk density	t/m³	2.308	2.361	2.396	2.423	2.401		
Water content	%	2.7	3.4	3.8	4.2	4.6		
Dry density	t/m³	2.246	2.283	2.307	2.326	2.296		
0 1 11.1			111.					



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

Date tested :

28 May 2025

Date reported: 31 May 2025

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

Approved Signatory

Designation: Laboratory Manager

Date:

31 May 2025

CCREDITED

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

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

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