

Report No: MAT:CAN26S-01362
Issue No: 1

Material Test Report

Client:
 Road Metals Company Limited
 PO Box 212
 Christchurch Mail Centre

 Oamaru 9400
 NZ
Project: QA Testing - Road Metals Co Ltd

The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.



The results in this report relate only to the items / samples that were tested

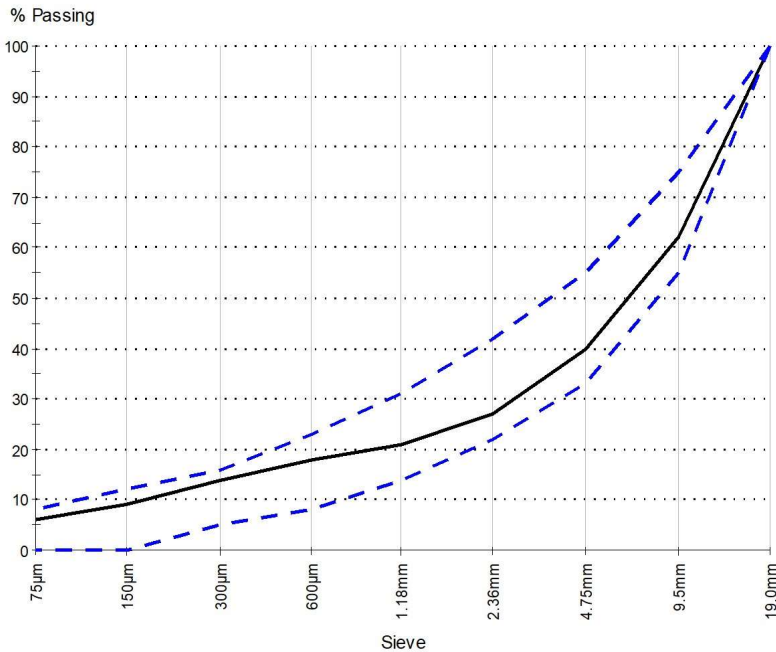
Approved Signatory: Liam Brennan
 (Laboratory Operations Manager)
 IANZ Accreditation No:200
 Date of Issue: 29/01/2026

Sample Details
Sample ID: CAN26S-01362
Client Sample ID: 915 - LR - 511
Material: M/4 AP20
Sample Source: Road Metals - Rolleston Quarry
Site/Sampled From: Road Metals Rolleston Quarry
Date Sampled: 23/01/2026
Specification: TNZ M/4:2006 AP20
Sampled By: Blair Ferguson
Sampling Method: NZS 4407:2015 2.4.3 (DISCHARGE)
Technician: Bailey Chiverton
Sampling Endorsed?: No

Other Test Results

Description	Method	Result	Limits
Moisture Content (%)	NZS 4407:2015 Test 3.1	3.4	
Date Tested		25/01/2026	
Broken Faces 19.0-9.5 (%)	NZS 4407:2015 Test 3.14	72	≥70
Broken Faces 9.5-4.75 (%)		77	≥70
Date Tested		25/01/2026	
Clay Index	NZS 4407:2015 Test 3.5	1.8	≤3
Date Tested		25/01/2026	

Particle Size Distribution



Method: NZS 4407:2015 Test 3.8.1
Drying By: Oven
Date Tested: 25/01/2026
Tested By: Bailey Chiverton
Note: ^a Obtained by difference.

Sieve Size	% Passing	Limits
19.0mm	100	100 - 100
13.2mm	82	
9.5mm	62	55 - 75
6.7mm	48	
4.75mm	40	33 - 55
2.36mm	27	22 - 42
1.18mm	21	14 - 31
600µm	18	8 - 23
300µm	14	5 - 16
150µm	9	0 - 12
75µm	6 ^a	0 - 8
Sieve Range	% Retained	
9.5mm to 2.36mm	34	20 - 46
4.75mm to 1.18mm	18	9 - 34
2.36mm to 600µm	10	6 - 26
1.18mm to 300µm	8	3 - 21
600µm to 150µm	9	2 - 17

Comments

N/A

Report No: MDD:CAN26S-01363
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Maximum Dry Density Report

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 Oamaru 9400
 NZ
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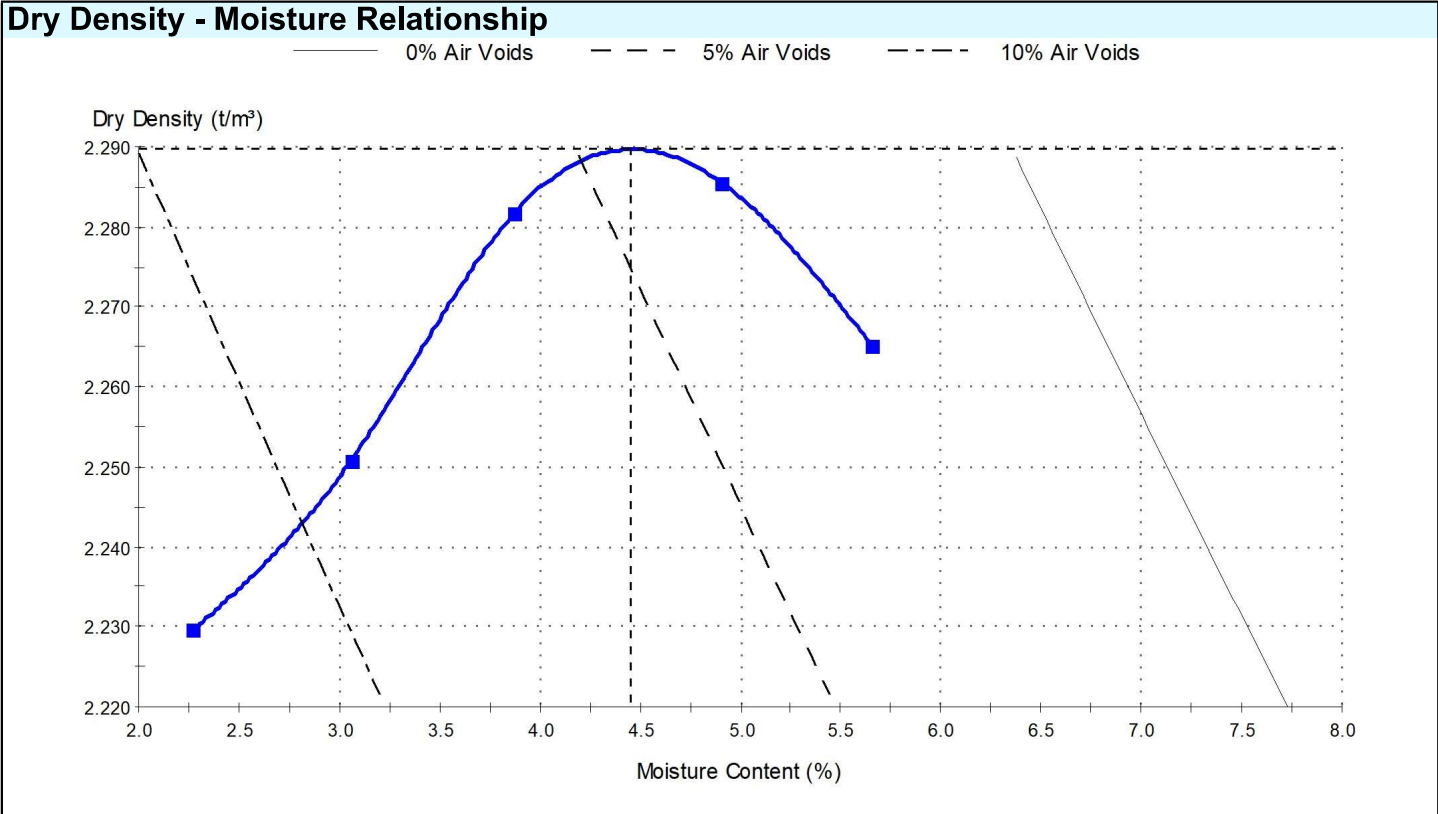


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Approved Signatory: *Liam Brennan*
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 (Laboratory Operations Manager)
 IANZ Accreditation No:200
 Date of Issue: 29/01/2026

Sample Details			
Sample ID:	CAN26S-01363	Client Sample ID:	915 - LR - 511
Material:	M/4 AP20	Sample Source:	Road Metals - Rolleston Quarry
Site/Sampled From:	Road Metals Rolleston Quarry	Date Sampled:	23/01/2026
Specification:	Vibrating Hammer Compaction Test	Sampled By:	Blair Ferguson
Sampling Method:	NZS 4407:2015 2.4.3 (DISCHARGE)	Date Tested:	25/01/2026
Tested By:	Bailey Chiverton	Sampling Endorsed?:	No

Test Results			
NZS 4402:1986 Test 4.1.3 - 1986			
Maximum Dry Density (t/m³):	2.28	Optimum Moisture Content (%):	4.4
Solid Density (t/m³):	2.68 assumed	Fraction Tested Passes (mm):	37.5
Material Removed (%):	0	Sample History:	Natural



Comments
 Compaction for test points @ 4.9% & 5.7% ceased prior to 3 minutes due to oversaturation causing ejection of fines from sample.