



Report No: MAT:CAN26S-01535
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

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

Sample Details

Sample ID: CAN26S-01535
Client Sample ID: 919-LR-484
Material: Pit Run
Sample Source: Miscellaneous Material Source
Site/Sampled From: Waimak River
Date Sampled: 07/01/2026
Specification: No Specification
Sampled By: Chris Newcombe
Sampling Method: NZS 4407:2015 2.4.6.3.1 (SP/WG/HAND)
Technician: Maciej Gaworecki
Sampling Endorsed?: No

Test Results

Description	Method	Result	Limits
Fines passing (%)	NZS 4407:2015 Test 3.10	0.78	
Size of Fraction		-13.2mm, +9.5mm	
Specified Load (kN)		110	
Crushing Resistance		> Specified Load	
Date Tested		14/01/2026	
Plasticity Index	NZS 4407:2015 3.4	NP	
Plastic Limit	NZS 4407:2015 3.3	NP	
Cone Penetration Limit	NZS 4407:2015 3.2	19	
Sample History		Natural State	
Test performed on		Fraction passing 425µm sieve	
Date Tested		14/01/2026	

Comments

NP = Non Plastic

Report No: CBR:CAN26S-01536-1

Issue No: 1

California Bearing Ratio Test Report

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

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

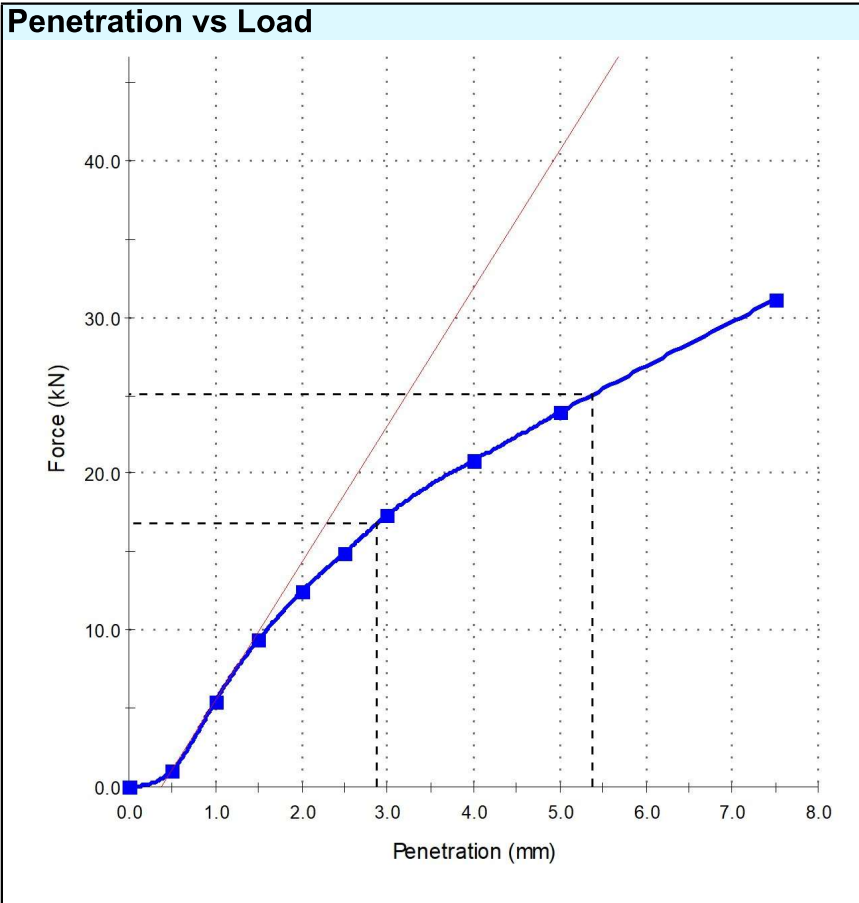
The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.



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-01536	Client Sample ID:	919-LR-484
Material:	Pit Run	Sample Source:	Miscellaneous Material Source
Site/Sampled From:	Waimak River	Date Sampled:	07/01/2026
Specification:	No Specification	Sampled By:	Chris Newcombe
Sampling Method:	NZS 4407:2015 2.4.6.3.1 (SP/WG/HAND)	Date Tested:	18/01/2026
Technician:	Bailey Chiverton	Sampling Endorsed?:	No



Test Results

NZS 4407:2015 Part 3.15

CBR At 5.0mm (%):	125
Moisture Under Plunger (%):	4.7
Moisture As Compacted (%):	4.2
Swell (%):	0.0
Dry Density After Compaction (t/m³):	2.20
Material Used In Test Was:	Passing 19.0mm sieve
Oversize Material (%):	20
Surcharge Mass (kg):	4.0
Compactive Effort:	Vib.Hammer
Soaked:	Yes
Period of Soaking (Days):	4
Rate of Penetration (mm/min):	1.0
Sample History:	Natural state

Comments
 Uncorrected CBR value at 2.5mm = 120%

Report No: WQI:CAN26S-01534
Issue No: 1

Weathering Quality Index Report

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

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

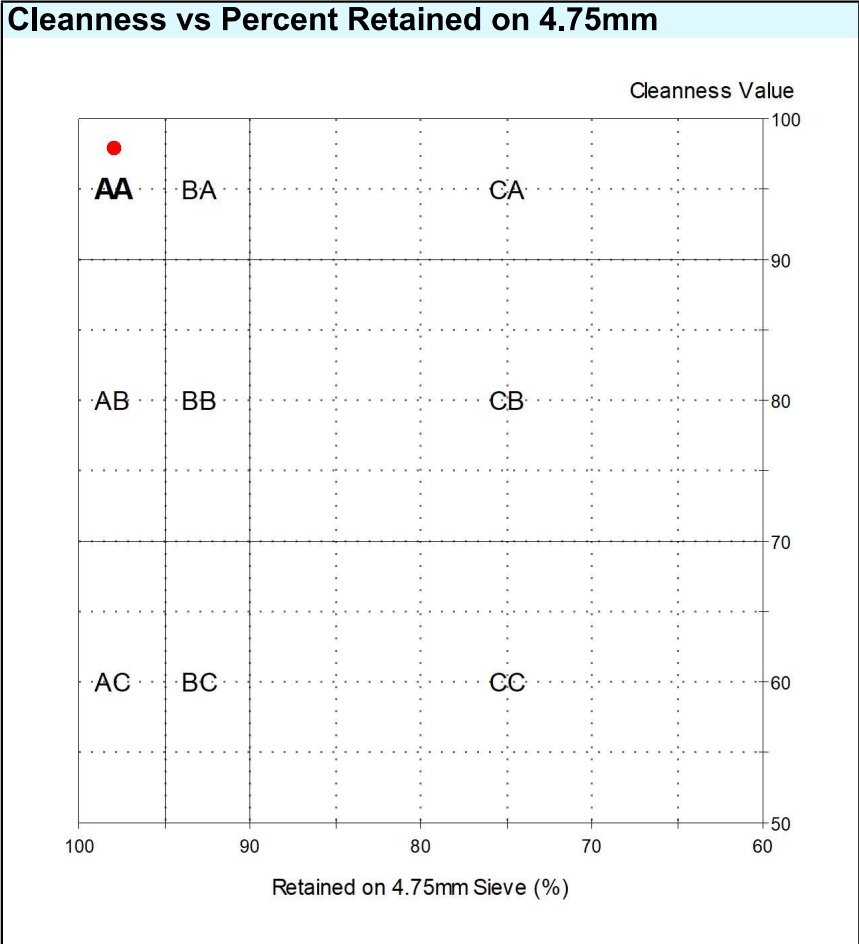
The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.



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-01534	Client Sample ID:	919-LR-484
Material:	Pit Run	Sample Source:	Miscellaneous Material Source
Site/Sampled From:	Waimak River	Date Sampled:	07/01/2026
Specification:	No Specification	Sampled By:	Chris Newcombe
Sampling Method:	NZS 4407:2015 2.4.6.3.1 (SP/WG/HAND)	Date Tested:	29/01/2026
Technician:	Maciej Gaworecki	Sampling Endorsed?:	No



Test Results

NZS 4407:2015 Test 3.11

Weathering Quality Index: AA
Retained on 4.75mm (%): 98
Cleanliness Value: 98
Condition of Sample: Washed/Oven Dried

Comments