

24 Miners Road, Templeton, Christchurch PO Box 16-064, Christchurch 8441 Telephone: +64 3 349 9142 Facsimile:

www.fultonhogan.com 0800 LABORATORY

Report No: MAT:CAN25S-01575

Issue No: 1

Material Test Report

Client:

Road Metals Co Ltd

PO Box 2341

Christchurch Mail Centre

Christchurch 8140

NΖ

Project: QA Testing - Road Metals Co Ltd



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

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.

Approved Signatory: Liam Brennan (Laboratory Operations Manager) IANZ Accreditation No:200

Date of Issue: 5/02/2025

Sample Details

Sample ID: CAN25S-01575

Client Sample ID: GAP65 Material: AP65

Sample Source: Miscellaneous Material Source

Site/Sampled From: Yaldhurst Quarry
Date Sampled: 31/01/2025
Specification: No Specification

Sampled By: Advised - See Comments
Sampling Method: As Received - Not Accredited

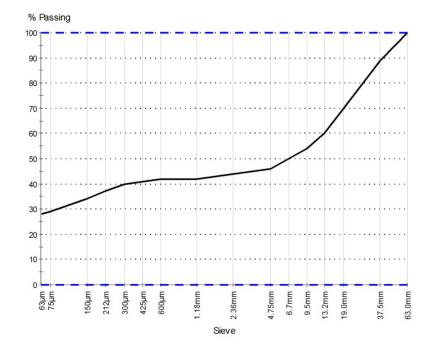
Technician: John Edattukaran

Sampling Endorsed?: No

Other Test Results

Description	Method	Result	Limits
	NZS 4402:1986 Test 2.8.1		
Sample History	Natural State		
Moisture Content (%)	NZS 4407:2015 Test 3.1	5.9	
Broken Faces >37.5 (%)	NZS 4407:2015 Test 3.14	94	
Broken Faces 37.5-19.0 (%)		76	

Particle Size Distribution



Method: NZS 4402:1986 Test 2.8.1

Drying By: Oven **Date Tested:** 3/02/2025

Note: a Obtained by difference.

Sieve Size	% Passing	Limits
63.0mm	100	0 - 100
37.5mm	89	0 - 100
19.0mm	70	0 - 100
13.2mm	60	0 - 100
9.5mm	54	0 - 100
6.7mm	50	0 - 100
4.75mm	46	0 - 100
2.36mm	44	0 - 100
1.18mm	42	0 - 100
600µm	42	0 - 100
425µm	41	0 - 100
300µm	40	0 - 100
212µm	37	0 - 100
150µm	34	0 - 100
75µm	29	0 - 100
63µm	28ª	0 - 100

Comments

Material sampled by Paul Campbell.



24 Miners Road, Templeton, Christchurch PO Box 16-064, Christchurch 8441 Telephone: +64 3 349 9142 Facsimile:

> www.fultonhogan.com 0800 LABORATORY

Report No: MDD:CAN25S-01576

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.

Issue No: 1

Maximum Dry Density Report

Client:

Road Metals Co Ltd

PO Box 2341

Christchurch Mail Centre

Christchurch 8140

ΝZ

Project: QA Testing - Road Metals Co Ltd



The results in this report

relate only to the items /

samples that were tested

ORATO Mer

lan from

Approved Signatory: Liam Brennan (Laboratory Operations Manager) IANZ Accreditation No:200 Date of Issue: 5/02/2025

Sample Details

Sample ID: CAN25S-01576

Material: AP65

Site/Sampled From: Yaldhurst Quarry

Specification: Heavy Compaction Test

Sampling Method: As Received - Not Accredited

Tested By: Grace van de Velden

Client Sample ID: GAP65

Sample Source: Miscellaneous Material Source

Date Sampled: 31/01/2025

Sampled By: Advised - See Comments

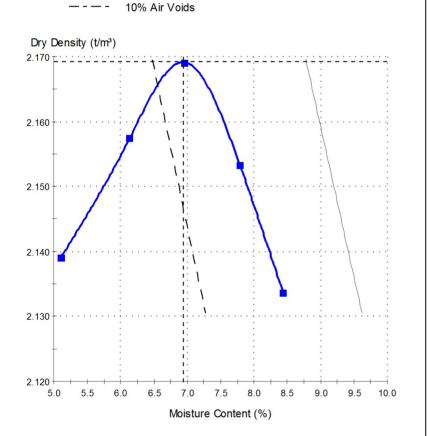
Date Tested: 04/02/2025

Sampling Endorsed?: No

5% Air Voids

Dry Density - Moisture Relationship

0% Air Voids



Test Results

NZS 4402:1986 Test 4.1.2 - 1986

Maximum Dry Density (t/m³): 2.17

Optimum Moisture Content (%): 7.0

Solid Density (t/m³): 2.680 assumed

Oversize Sieve (mm):37.5Oversize Material (%):11Sample History:Natural

Comments

Material sampled by Paul Campbell.

Due to the large particle size, the alternate 152mm diameter mould was used @ 62 blows per layer.