

# Material Test Report

**Client:**  
 Road Metals Co Ltd  
 PO Box 2341  
 Christchurch Mail Centre  
  
 Christchurch 8140  
 NZ

**Project:** QA Testing - Road Metals Co Ltd

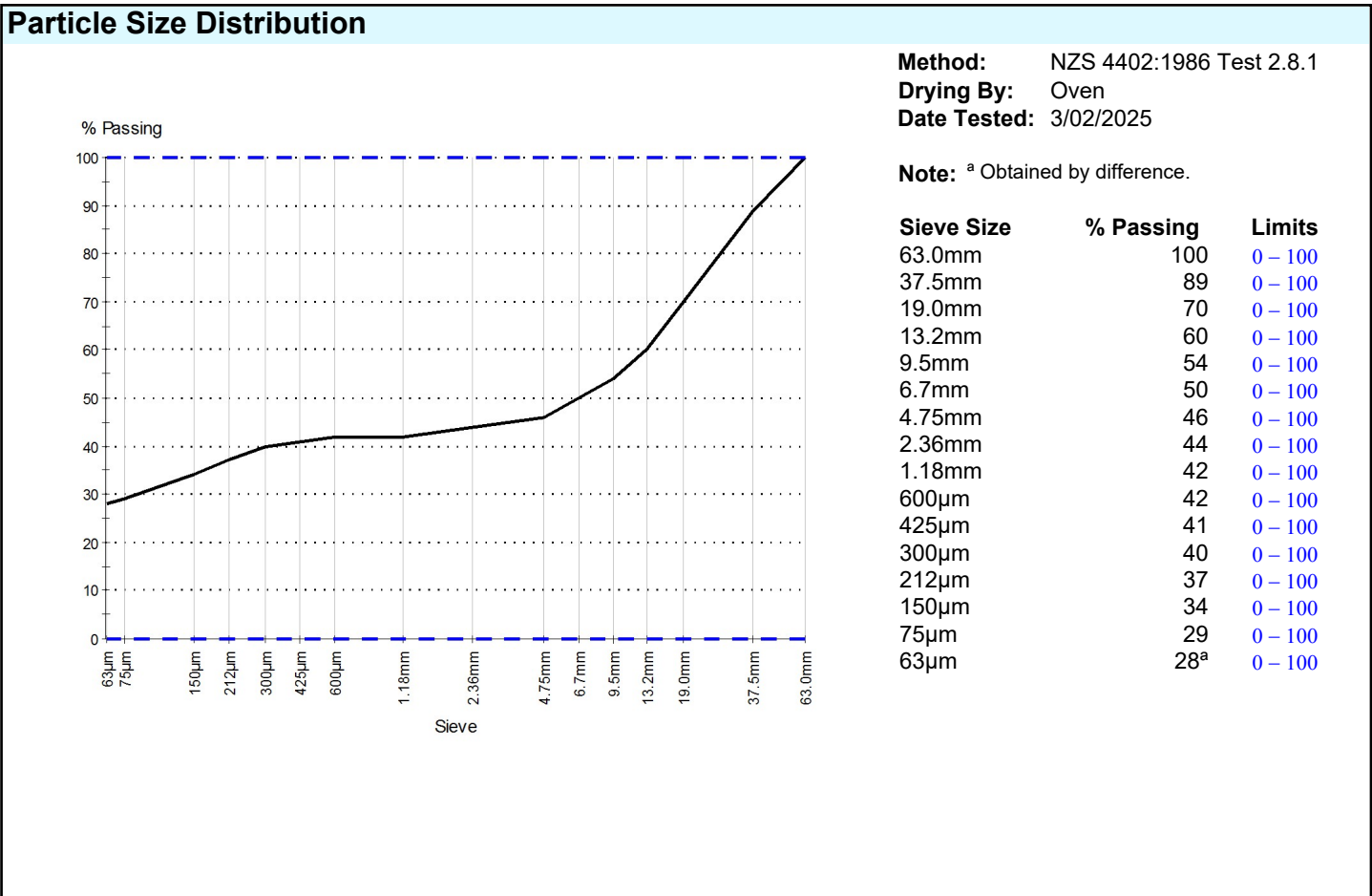
The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.



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: 5/02/2025

Sample Details		Other Test Results			
<b>Sample ID:</b>	CAN25S-01575	<b>Description</b>	<b>Method</b>	<b>Result</b>	<b>Limits</b>
<b>Client Sample ID:</b>	GAP65		NZS 4402:1986 Test 2.8.1		
<b>Material:</b>	AP65	<b>Sample History</b>		Natural State	
<b>Sample Source:</b>	Miscellaneous Material Source	<b>Moisture Content (%)</b>	NZS 4407:2015 Test 3.1	5.9	
<b>Site/Sampled From:</b>	Yaldhurst Quarry	<b>Broken Faces &gt;37.5 (%)</b>	NZS 4407:2015 Test 3.14	94	
<b>Date Sampled:</b>	31/01/2025	<b>Broken Faces 37.5-19.0 (%)</b>		76	
<b>Specification:</b>	No Specification				
<b>Sampled By:</b>	Advised - See Comments				
<b>Sampling Method:</b>	As Received - Not Accredited				
<b>Technician:</b>	John Edattukaran				
<b>Sampling Endorsed?:</b>	No				



**Comments**  
 Material sampled by Paul Campbell.

# Maximum Dry Density Report

**Client:**  
 Road Metals Co Ltd  
 PO Box 2341  
 Christchurch Mail Centre  
  
 Christchurch 8140  
 NZ

**Project:** QA Testing - Road Metals Co Ltd

ACCREDITED  
  
 TESTING LABORATORY

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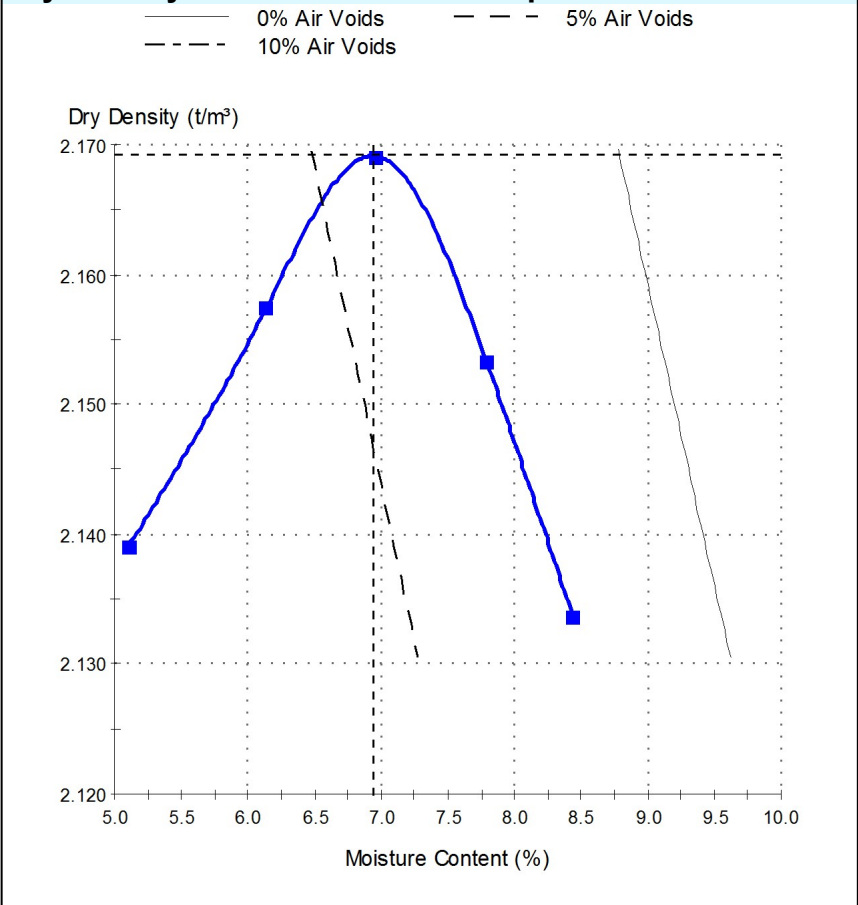
The results in this report relate only to the items / samples that were tested

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

## Sample Details

<b>Sample ID:</b>	CAN25S-01576	<b>Client Sample ID:</b>	GAP65
<b>Material:</b>	AP65	<b>Sample Source:</b>	Miscellaneous Material Source
<b>Site/Sampled From:</b>	Yaldhurst Quarry	<b>Date Sampled:</b>	31/01/2025
<b>Specification:</b>	Heavy Compaction Test	<b>Sampled By:</b>	Advised - See Comments
<b>Sampling Method:</b>	As Received - Not Accredited	<b>Date Tested:</b>	04/02/2025
<b>Tested By:</b>	Grace van de Velden	<b>Sampling Endorsed?:</b>	No

## Dry Density - Moisture Relationship



## 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):** 37.5  
**Oversize Material (%):** 11  
**Sample 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.