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 :	12 September 2024
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 :	CH11731
Client Ref No :	915-149

Particle Size Distribution

Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit - Coarse	Upper Limit - Fine
63.0	100	100	100
37.5	85	60	90
19.0	57	45	65
9.5	34	30	50
4.75	22	20	40
2.36	18	10	28
1.18	16	7	22
0.600	14	5	16
0.300	11	4	12
0.150	7	3	8
0.075	5	3	6

% passing the finest sieve is 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 (mm)	Percentage by Weight	
	Sample	Lower Limit
65.0 - 37.5	-	
37.5 - 19.0	-	
19.0 - 9.5	-	
9.5 - 4.75	-	

Plasticity Index

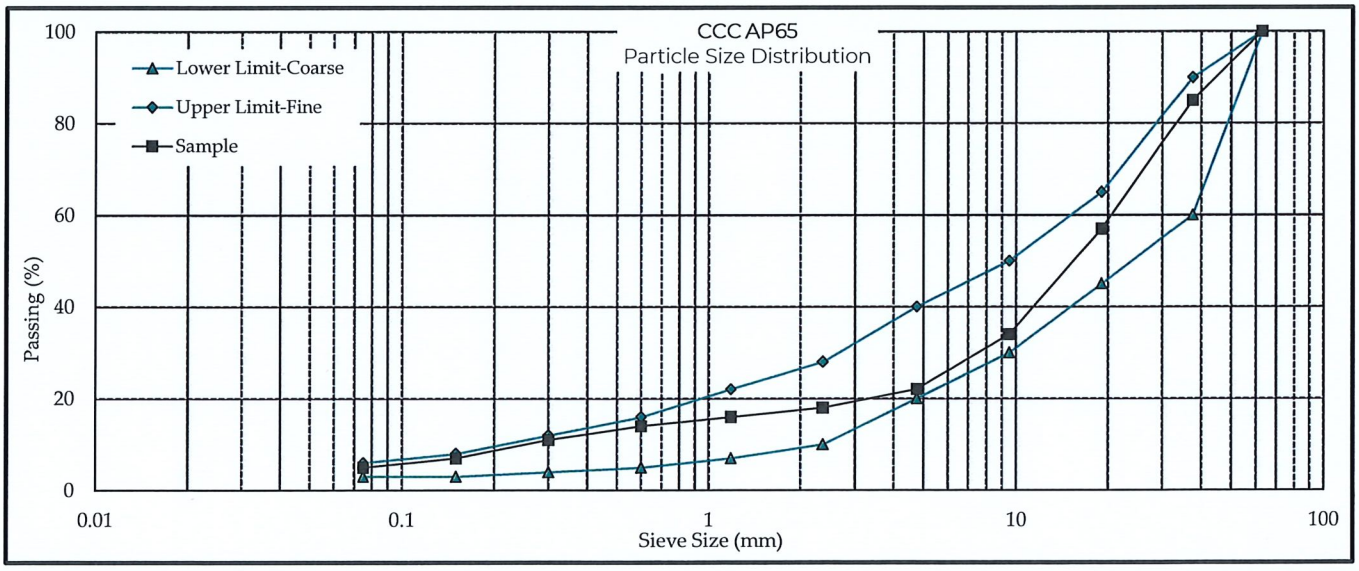
Sample PI	Non Plastic
Specification	<= 5

Clay Index

Sample CI	1.0
Specification	<= 3

Sand Equivalent (Washed, Mechanical Shaking)

Sample SE	-
Specified	>= 40



Test Methods

Plasticity Index	NZS 4407 : 2015 : Test 3.4		
Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1	Clay Index	NZS 4407 : 2015 : Test 3.5

Date tested : 27 September 2024
Date reported : 30 September 2024

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IANZ Approved Signatory

Designation : *Laboratory Manager*
Date : 30 September 2024

ACCREDITED IANZ TESTING LABORATORY

Test results indicated as not accredited are outside the scope of the laboratory's accreditation

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DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION

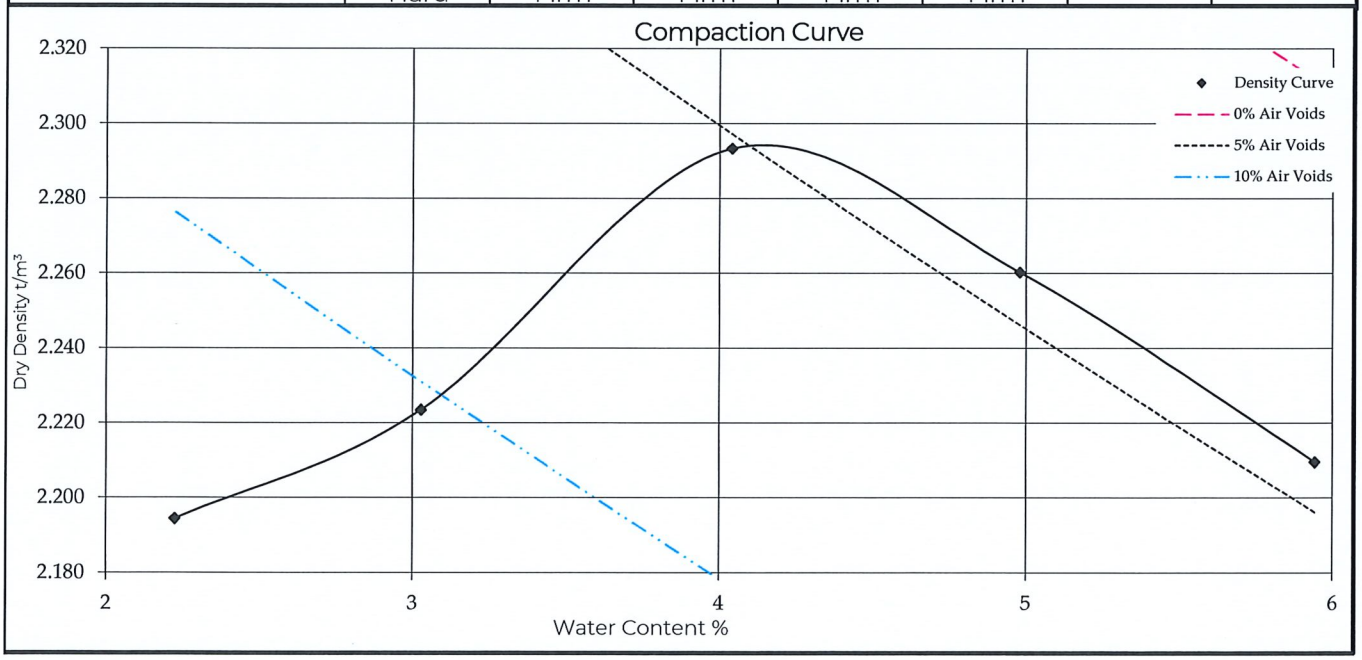
Project :	Quality Assurance
Location :	Production Stock
Client :	Road Metals Company Limited
Contractor :	Various
Sampled by :	Steve Gilbert (Road Metals)
Date sampled :	12 September 2024
Sampling method :	NZS 4407: 2015 (2.4.6.3.2)
Sample description :	CCC AP65
Sample condition :	Damp as received
Solid density :	2.68 t/m³ (Assumed)
Source :	Rolleston Quarry

Project No :	6-JRMCO.16/6LC
Lab Ref No :	CH11731
Client Ref No :	915-149

Test Results

Maximum dry density	2.30 t/m³	Natural water content	4.0 %
Optimum water content	4.0 %	Fraction tested	Passing 37.5mm

Sample ID	-2%	-1%	NAT	+1%	+2%		
Bulk density t/m³	2.243	2.291	2.386	2.373	2.341		
Water content %	2.2	3.0	4.0	5.0	5.9		
Dry density t/m³	2.195	2.223	2.293	2.260	2.210		
Sample condition	Moist Hard	Wet Firm	Wet Firm	Wet Firm	Saturated Firm		



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

Date tested : 18 September 2024
Date reported : 30 September 2024

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Approved Signatory

Designation : *Laboratory Manager*
Date : 30 September 2024

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