

**CCC STABILISED AP20
TEST REPORT**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Paul Campbell
 Date sampled : 15 October 2024
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : CCC Stabilised AP20
 Sample condition : Damp as received
 Source : Yaldhurst Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH11952
 Client Ref No : RM40266

Particle Size Distribution		
Sieve Size (mm)	Percentage Passing	
	Sample	Limits
63.0	-	100 - 100
37.5	-	100 - 100
19.0	100	100 - 100
9.5	68	55 - 80
4.75	43	35 - 60
2.36	32	25 - 45
1.18	26	22 - 40
0.600	23	18 - 35
0.300	19	15 - 30
0.150	14	12 - 23
0.075	12	8 - 15

Grading Shape Control		
Fraction (mm)	% Within Fraction	
	Sample	Limits
9.5 - 2.36	36	20 - 46
4.75 - 1.18	17	9 - 34
2.36 - 0.600	9	6 - 26
1.18 - 0.300	7	3 - 21
0.600 - 0.150	9	2 - 17

Crushing Resistance		
% Fines @ Spec. Load	-	%
Specification	-	%
Crushing Resistance	-	kN
Nom Aggregate Size	-	mm
Specified Load	-	kN

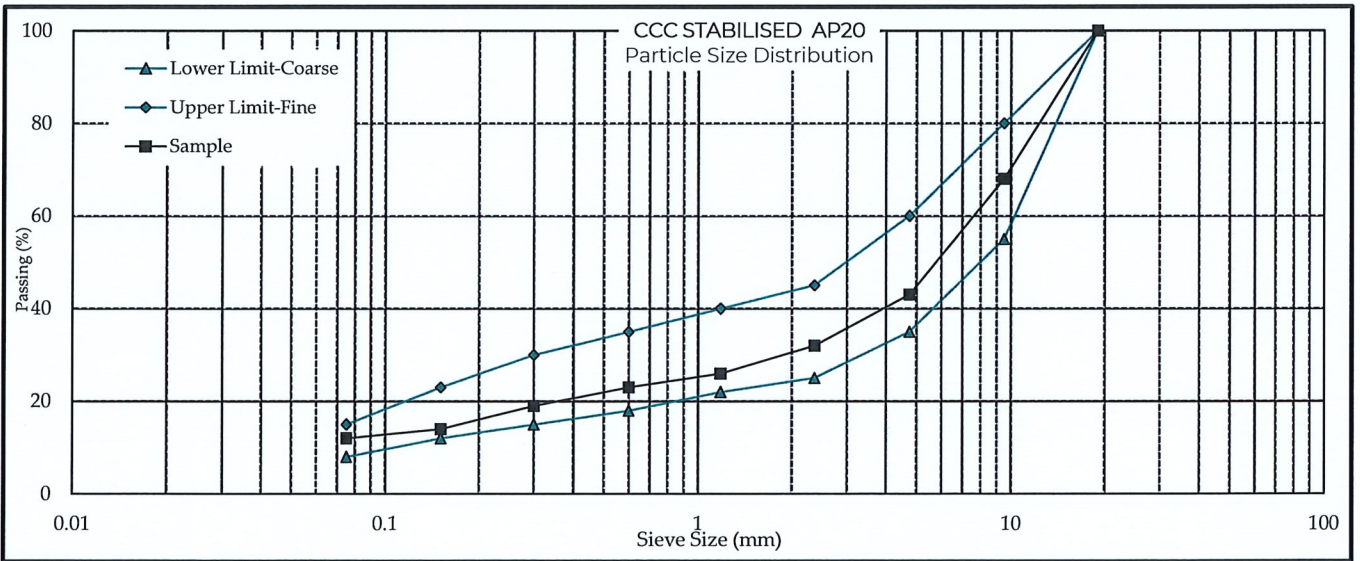
Broken Faces Content of Aggregate		
Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
19.0 - 9.5	75	50
9.5 - 4.75	80	50

% passing the finest sieve is obtained by difference

Plasticity Index	
Sample PI	-
Specification	<= 5


Clay Index	
Sample CI	-
Specification	<= 3

Sand Equivalent (Washed, Mechanical Shaking)	
Sample SE	-
Specified	>= 40



Test Methods		
Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1	Broken Faces Content of Aggregate NZS 4407 : 2015 : Test 3.14

Date tested : 25 October 2024
 Date reported : 4 November 2024
 Sampling is covered by IANZ Accreditation
 This report may only be reproduced in full
 All information supplied by Client

Approved Signatory 
 Designation : Laboratory Manager
 Date : 4 November 2024



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

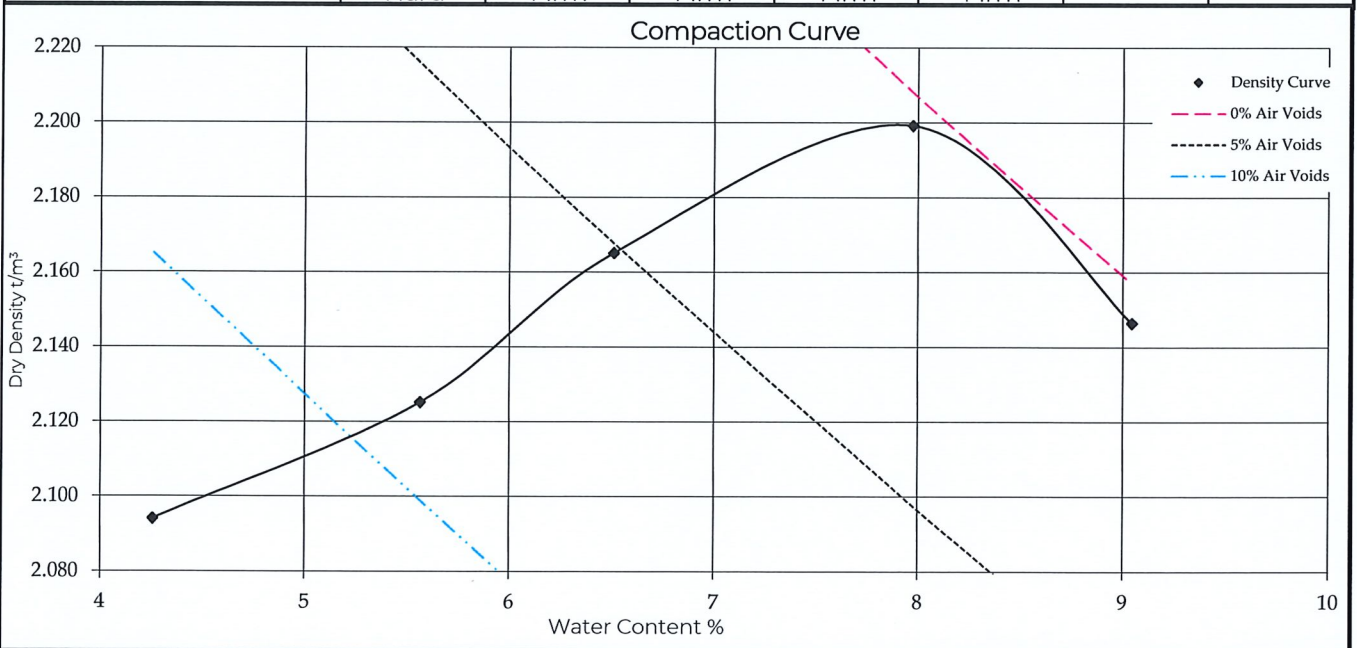
**DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Paul Campbell
 Date sampled : 15 October 2024
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : CCC Stabilised AP20
 Sample condition : Damp as received
 Solid density : 2.68 t/m³ (Assumed)
 Source : Yaldhurst Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CHI1952
 Client Ref No : RM40266


Test Results							
Maximum dry density	2.20	t/m ³	Natural water content		-	%	
Optimum water content	8.0	%	Fraction tested		Whole		
Sample ID	+2%	+3%	+4%	+5%	+6%		
Bulk density t/m ³	2.183	2.243	2.306	2.375	2.341		
Water content %	4.3	5.6	6.5	8.0	9.0		
Dry density t/m ³	2.094	2.125	2.165	2.199	2.146		
Sample condition	Wet 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 : 22 October 2024
 Date reported : 4 November 2024

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Approved Signatory 
 Designation : Laboratory Manager
 Date : 4 November 2024



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