

**NZTA M/04 2024 CLASS 1 - AP40
TEST REPORT**



Project : **Production Test**
 Location : **Taupo Scoria**
 Client : **Taupo Scoria Ltd**
 Contractor : **Taupo Scoria Ltd**
 Sampled by : **WSP Taupo Laboratory**
 Date sampled : **8/09/26**
 Sampling method : **NZS4407:2015 2.4.6.3.2**
 Sample description : **M4**
 Sample condition : **Moist**
 Source : **Taupo Scoria**

Project No : -
 Lab Ref No : **TP56**
 Client Ref No : -

Particle Size Distribution		
Sieve Size (mm)	Percentage Passing	
	Sample	Limits
53.0	-	100 - 100
37.5	100	98 - 100
26.5	89	-
19.0	69	66 - 81
9.5	44	43 - 57
4.75	29	28 - 43
2.36	21	19 - 33
1.18	16	12 - 25
0.600	12	7 - 19
0.300	9	3 - 14
0.150	7	0 - 10
0.075	6	0 - 7

% passing the finest sieve is obtained by difference

Grading Shape Control		
Fraction (mm)	% Within Fraction	
	Sample	Limits
37.5 - 9.50	56	-
19.0 - 4.75	41	28 - 48
9.5 - 2.36	23	14 - 34
4.75 - 1.18	12	7 - 27
2.36 - 0.600	9	5 - 21
1.18 - 0.300	7	3 - 17
0.600 - 0.150	5	2 - 14

Plasticity Index	
Sample PI	Non-Plastic
Specification	<=5
Sample CPL	20
Specification	-

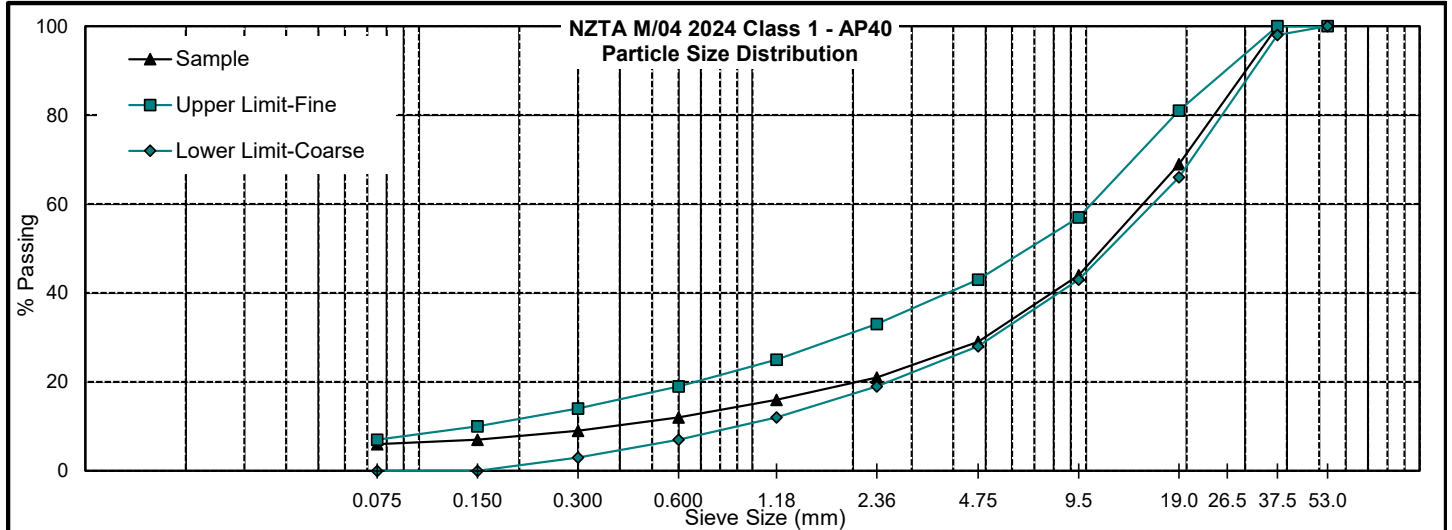
Crushing Resistance		
% Fines @ Spec. Load	10.0	%
Specification	<10	%
Crushing Resistance	<180	kN
Nom Aggregate Size	13.2 - 9.5	mm
Specified Load	180	kN

Broken Faces Content of Aggregate		
Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
>37.5	Not Tested	-
37.5 - 19.0	100	70
19.0 - 9.5	100	70
9.5 - 4.75	100	70

Flakiness Index	
Sample FI	Not Tested
Specification	<=35

Clay Index	
Sample CI	3.0
Specification	<=3
Sample from	-

Sand Equivalent	
Sample SE	66
Specified	-
Sample Preparation	-



Test Methods	Notes
Particle Size Distribution - NZS 4407 : 2015 : Test 3.8.1	All information supplied by Client Sampling is covered by IANZ Accreditation This report may only be reproduced in full
Sand Equivalent - NZS 4407 : 2015 : Test 3.6	
Clay Index - NZS 4407 : 2015 : Test 3.5	
Plasticity Index - NZS 4407 : 2015 : Test 3.4	
Broken Faces Content of Aggregate - NZS 4407 : 2015 : Test 3.14	
Crushing Resistance - NZS 4407 : 2015 : Test 3.10	

Date tested : 16/09/26
 Date reported : 16/09/26

Approved Signatory : *ACMing*
 Designation : **Laboratory Technician**
 Date : 16/09/26

PF-LAB-040 (11/08/2026)



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