

Laboratory Test Report

TNZ M/4 AP40 (Napier) Basecourse

Job	Stock Check	Lab Ref	19/279
Material/Origin	Greywacke AP40 ex Waipawa River	Report No.	192791
Condition	Damp	Date of report	28/03/2019
Sampled by	Client	Date sampled	21/02/2019
Sampling method	ex Crusher Stockpile	Date received	25/02/2019
Client	Barker Contractors, Waipawa, Attn: Michael Barker	Date tested	22/03/2019
Comments	TNZ M/4 (Napier) Spec. quoted		

Test Methods used

Sand Equivalent - NZS 4407:2015 Test 3.6 - hand shaking

Particle Size Distribution - NZS 4407:2015 Test 3.8.1 Preferred Method by Wet Sieving - % passing 75um was obtained by difference

Broken Faces content of Aggregate - NZS 4407:2015 Test 3.14

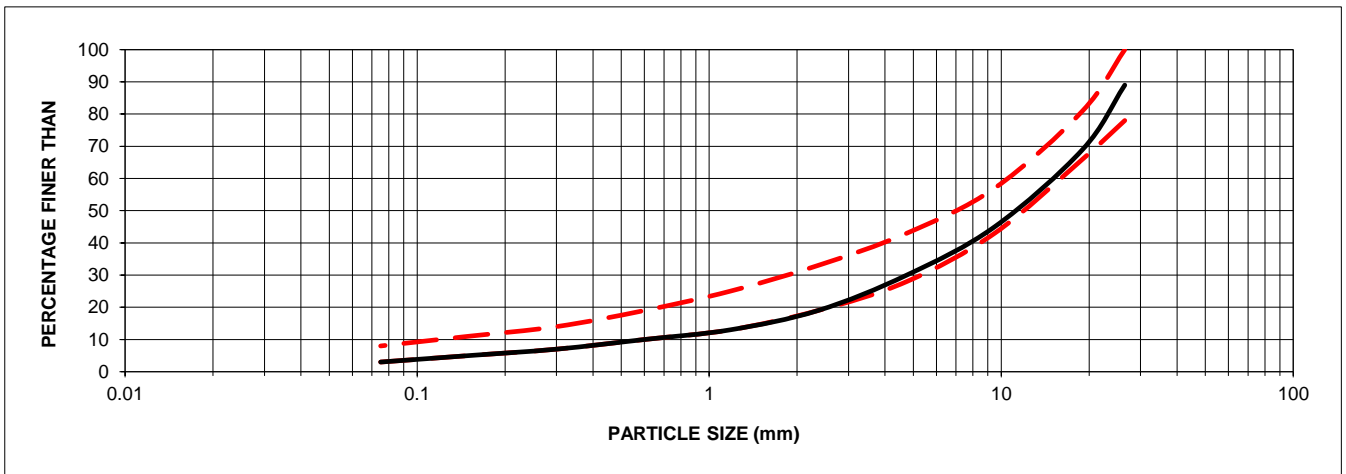
Particle Size Distribution

Size (mm)	Coarse Limit (%)	Grading (%)	Fine Limit (%)
26.5	78	89	100
19.0	66	69	81
9.5	43	45	57
4.75	28	30	43
2.36	19	19	33
1.18	13	13	25
0.600	10	10	19
0.300	7	7	14
0.150	5	5	11
0.075	3	3	8

Broken Faces Content

Material Fraction	(%)	Specified
37.5 to 19.0 (mm)	70	≥50
19.0 to 9.5 (mm)	55	≥50
9.5 to 4.75 (mm)	51	≥50

Sand Equivalent	Result	Specified
	37	≥35



Fraction Limits (mm)	Low Limit (%)	Within Fraction	High Limit (%)
Fraction 19.0-4.75 mm	28	39	48
Fraction 9.5-2.36 mm	14	26	34
Fraction 4.75-1.18 mm	7	17	27
Fraction 2.36-0.600 mm	6	9	20
Fraction 1.18-0.300 mm	5	6	15
Fraction 0.600-0.150 mm	2	5	12

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

This Laboratory Test Report is confidential and may be legally privileged. This report may only be reproduced in full. Alteration of the IANZ Accreditation status will invalidate this Test Report. Please contact the Laboratory to verify the status of this document.

Approved Signatory
 S B Grant
 Date 28/3/2019

