

TYPICAL PERFORMANCE CHARACTERISTICS

Source Atlas Albany
 Product name RCCAP40
 Specification Auckland Transport Series 0800-Specifications for Supply of Aggregates MANARC-MR9 (AP40)
 Sampling method NZS4407:2015

TEST METHODS

NZS4407: 2015: Test

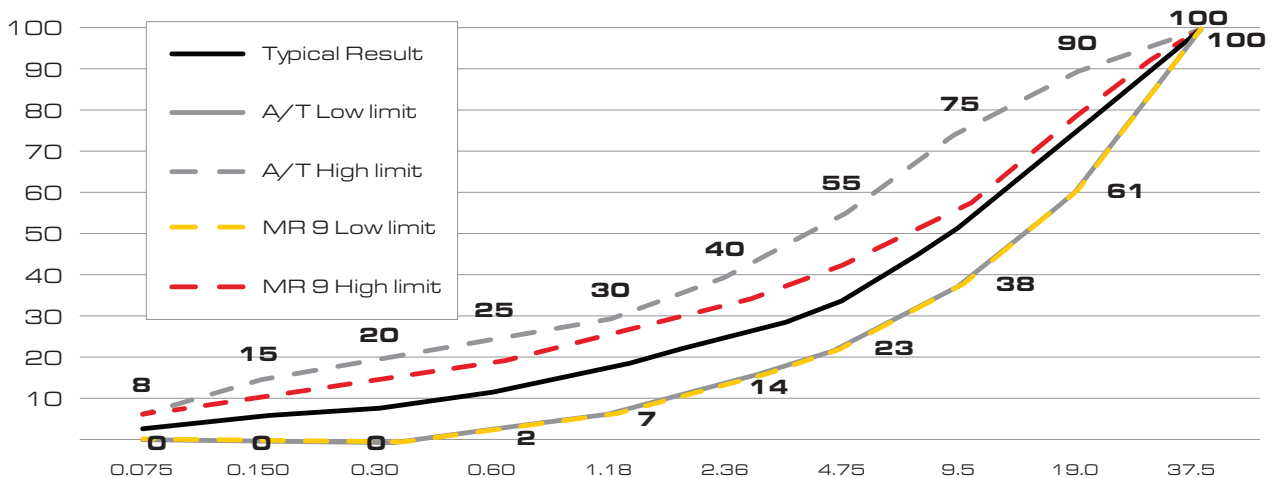
- 3.6: Determination of the Sand Equivalent
- 3.8.1: Particle Size Distribution - Wet Sieve Method
- 3.10: Determination of Crushing Resistance of Coarse Aggregate
- 3.11: Weathering Quality Index
- 3.15: California bearing ratio

2. NZS4402: 1986: Test

- 4.1.1: NZ Standard Compaction Dry Density Water Content Relationship
- 4.1.2: NZ Heavy Compaction Dry Density Water Content Relationship
- 4.1.3: New Zealand vibrating hammer compaction test

Test	Target	Result
Sand Equivalent (minimum)	25<	60
Platicity index	<5	Non-Plastic
Clay index	<3	0
Weathering Resistance	CA or Better	BA
Crushing Resistance (kN)	110-MR9 / 100-AT	130
CBR (%)	65	220
Water Content	-	7%

	Maximum Dry Density (t/m3)	Optimum Water Content (%)	Solid Density Measured (t/m3)
Standard Compaction	1.85	15	2.6
Heavy Compaction	1.98	13	2.6
Vibrating Hammer Compaction	2.22	11	2.6



Sieve size	0.0075	0.150	0.30	0.60	1.18	2.36	4.75	9.5	19.0	37.5
Typical Result	3	6	8	12	18	25	34	52	75	100
A/T Low limit	0	0	0	3	7	14	23	38	61	100
A/T High limit	8	15	20	25	30	40	55	75	90	100
MR 9 Low limit	0	0	0	2	7	14	23	38	61	100
MR 9 High limit	7	10	14	19	25	33	43	57	80	100