

CONCRETE SAND TEST REPORT



Project : Production Testing
Location : Taupo Red Rock Quarry
Client : Hartley Seay and Sons Ltd
Contractor : Hartley Seay and Sons Ltd
Sampled by : Hartley Seay and Sons Ltd
Date sampled : 19/04/05
Sampling method : Not Stated
Sample description : Sand
Sample condition : damp
Source : Taupo Red Rock Quarry

Project No : 289536
Lab Ref No : 05/188
Client Ref No : Sand

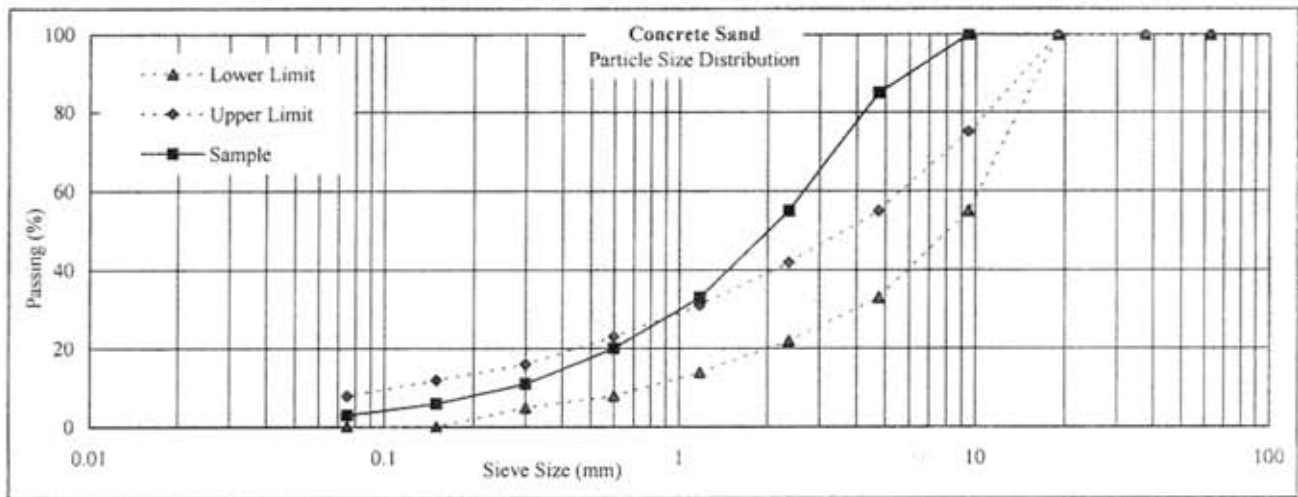
Particle Size Distribution			
Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit	Upper Limit
63		100	100
37.5		100	100
19		100	100
9.5	100	55	75
4.75	85	33	55
2.36	55	22	42
1.18	33	14	31
0.6	20	8	23
0.3	11	5	16
0.15	6	0	12
0.075	3	0	8

Sand Equivalent	
Sample SE	-
Specified	>= 40
Air Dried	
Mechanical Shaking	

Void Content & Flow Time	
Voids	- %
Flow Time	- 12 sec

Density & Absorption of Sand	
Density at SSD	- kg/m ³
Density at Dry	- kg/m ³
Absorption	- %
Water Content Received	- %

Fineness Modulus	
Fineness Modulus	4



Test Methods	Notes
Particle Size Distribution	NZS 3111 : 1986 : Test 6
Water Content	NZS 3111 : 1986 : Test 7
Density & Absorption of Sand	NZS 3111 : 1986 : Test 16
Sand Equivalent	NZS 3111 : 1986 : Test 18
Void Content & Flow Time	NZS 3111 : 1986 : Test 19

Date tested : 20/04/05
 Date reported : 20/04/05

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IANZ Approved Signatory

Designation : *Laboratory Manager*
 Date : 20/04/05



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