

Laboratory Test Sheet
PARTICLE SIZE DISTRIBUTION BS 812 : PART 103 : 1985

Method 7.2 / 7.3*

Client : Alfred McAlpine Civil Engineering Site : Stanton North Phase II
 Client Ref. : 12345 Lab. Ref. : 10073 Job No. : B4240/96V Date Received : 04/09/1996
 Supplier : _____ Source : _____
 Material Type : Sub-base Specification : Type 1 Sub-base
 Material Name : Type 1 Sub-base Aggregate Type : Not Known

Tray No. :	Tray Wt. :	Tray + Wet Wt. :
Tray + Dry Wt. : 1	Unwashed Dry Wt. (M1) :	

Washed Dry Wt + Tray	Washed Dry Wt. (M2) : 1	Loss of Fines (M3) : (M1 - M2)
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BS Sieve	Max. Wt. ²	Weight Retained (g) ³		% Ret.	% Passing		Specification % Passing
		Increments	Total		Actual	Reported	
200 mm	5000 g						
150 mm	5000 g						
125 mm	5000 g						
100 mm	5000 g						
90 mm	5000 g						
75 mm	5000 g						
63 mm	5000 g						
50 mm	5000 g						
37.5 mm	4000 g						
28 mm	3000 g						
20 mm	2500 g						
Riffle Weight passing 20 mm Test Sieve =		Weight after Riffle =		Riffle Factor =			
14 mm	2000 g						
10 mm	1500 g						
6.3 mm	1000 g						
5 mm	750 g						
Riffle Weight passing 5 mm Test Sieve =		Weight after Riffle =		Riffle Factor =			
3.35 mm	550 g						
2.36 mm	450 g						
1.7 mm	375 g						
1.18 mm	300 g						
600 µm	225 g						
425 µm	180 g						
300 µm	150 g						
212 µm	130 g						
150 µm	110 g						
75 µm	75 g						
Passing 75 µm							
Loss of Fines (M3)							
TOTALS				Total in column 3 must = mass M1			

Comments : _____

Tested By : _____ Date : _____ Checked By : _____ Date : _____

Check Level (1 / 2 / 3)*

Notes : * - Delete as applicable.

- 1 - Use attached form for interim constant dry weight checks.
- 2 - For 300 mm dia. Sieves.
- 3 - Where weight on the sieve is greater than allowed each increment sieved must be recorded on this form then totalled.
- 4 - Particles to be weighed to 0.1 % of their mass to maximum accuracy of 0.01 g.