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)

BS Sieve	Max. Wt. 2	Weight Retained (g) 3		% Ret.	% Passing		Specification
		Increments	Total		Actual	Reported	% Passing
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.