Laboratory Test Sheet

DETERMINATION OF DRY DENSITY BY SAND REPLACEMENT - BS 1377 Part 9 1990

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			Stone Type :	Not Known		

Bulk Density of San ..... Pouring Cylinder No. ..... Balance No. .....

Lab. Number						
Sample No.						
Depth of Test	(m)					
Depth of Soil Excavated.	(mm)					
Diameter Excavated	(mm)					
Mass of Wet Soil taken from Hole	(g)					
Mass of Sand before Pouring	(g)					
Mass of Sand after Pouring	(g)					
Mass of Sand in Cone	(g)					
Mass of Sand in Hole	(g)					
Bulk Density	(Mg/m3)					
Tin No.						
Weight of Tin	(g)					
Weight of Tin and Wet Soil	(g)					
Time in Oven						
Time out of Oven						
(1) Weight of Dry Soil + Tin	(g)					
Time in Oven						
Time out of Oven						
(2) Weight of Dry Soil + Tin	(g)					
Difference in wt.(1) and wt.(2)	(A)					
Weight of wet soil x 0.1%	(B)					
If A<B then tick box						
Loss of Moisture	(g)					
Weight of Dry Soil	(g)					
Moisture Content	(%)					
Dry Density of Soil	(Mg/m3)					
% Compaction	(%)					

* Note: (A) should not be greater than (B)

Averages: **Dry Density** **Kg/m3**

Moisture Content **%**

% Compaction **%**

Remarks:

Comments : _____

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

Check Level (1/2/3)

Notes : * Delete as applicable