

Laboratory Test Sheet

DETERMINATION OF DRY DENSITY BY CORE CUTTER - BS 1377 Part 5 1990

Client :	<u>Alfred McAlpine Civil Engineering</u>	Site :	<u>Stanton North Phase II</u>
Client Ref :	<u>12345</u>	Lab. Ref :	<u>10073</u>
Supplier :		Job No :	<u>B4240/96V</u>
Material Type :	<u>Sub-base</u>	Source :	
Material Name :	<u>Type 1 Sub-base</u>	Specification :	<u>Type 1 Sub-base</u>
		Stone Type :	<u>Not Known</u>

Lab. Number				
Sample No.				
Level	(m)			
Cutter No.				
Cutter and Soil	(g)			
Mass of Cutter	(g)			
Mass of Soil	(g)			
Bulk Density	(g)			
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	(Mg/m ³)			
Air Voids	(%)			

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

Averages:	Dry Density	Kg/m³
	Moisture Content	%
	Air Voids	%

Remarks:

Comments : _____

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

Check Level (1/2/3)

Notes : * Delete as applicable