Laboratory Test Sheet

RELATIVE DENSITY & WATER ABSORPTION BS 812 : PART 2 : 1975

Method 5.4 / 5.5*

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		

Test Data	Test No. 1		Test No. 2		
Water Temperature at Start of Test (°c)					
Tray No.					
Jar No.					
Date / Time in Soak					
Date / Time Removed from Water					24 ± ½ hr.
Max. / Min. Water Temperature during Soaking (°c)					20 ± 5°c
Test Water Temperature (°c)					
Weight of Jar + Water + Sample (B) (g)					
Weight of Jar + Water (C) (g)					
B - C (g)					
Test Water Temperature (°c)					Max. Change 2°c
Weight of Sample SSD condition (A) (g)					
Date / Time on Oven					100 - 110°c
Date / Time out Oven					24 ± ½ hr.
Tin No.					
Tin Weight (g)					
Tin + Oven Dry Sample (g) 1					
Weight of Sample Oven Dry condition (D) (g)					

Relative Density			**Averages** To Nearest 0.01
Oven Dried = $\frac{D}{A - (B - C)}$			
SSD = $\frac{A}{A - (B - C)}$			
Apparent = $\frac{D}{D - (B - C)}$			

Water Absorbption			To Nearest 0.1 %
Percentage = $\frac{100 (A - D)}{D}$			

Comments : _____

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

Check Level (1 / 2 / 3)*

Notes : * - Delete as applicable

1 - Use Final Dry Wt. from moisture content constant weight check sheet form over page as applicable