Laboratory Test Sheet

VIBRATING HAMMER COMPACTION DETERMINATION BS 1377 : PART 4 : 1990

Method 3.7

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

Inital Sample Assessment : Cohesive/Non Cohesive* - Fine/Med./Coarse* Grained Soil - Grading Assessment Y/N*

Grading Zone for Soil : 1 / 2 / 3 / 4 / 5 / X*

Sample Suseptible to Crushing : Yes / No*

Test Sample Type : Single / Multiple*

Sample Preparation : Natural / Air Dried / Oven Dried (50 °c)*

Weight of Test Portion : _____ (g) Est. Dry Wt. _____ (g) Particle Density : _____ Mg/m3 (M / A)

Weight Ret. 37.5 mm Test Sieve : _____ (g) Percentage (A) : _____

Weight Ret. 20 mm Test Sieve : _____ (g) Percentage (B) : _____ (A + B) must be <30 %)

Height of Mould + Collar (HM) (1) _____ (2) _____ (3) _____ (4) _____ Mean _____ (to 0.5 mm)

Internal Diameter (1) _____ (2) _____ (3) _____ (4) _____ Mean _____ (to 0.5 mm)

Dip Range : _____ (mm) (Dip Range = HM - 3 mm to HM + 3 mm) Surface Area of Mould : _____ (mm3)

Est. Moist. Content (%)	As Recieved						
Mould + Sample Wt. (to 5 g)							
Mould Wt. (to 5 g)							
Sample Wt. (to 5 g)							
Depth to Sample (to 0.5 mm)							
Average Sample Ht. (to 0.5 mm)							
Bulk Density (to 0.001 Mg/m3)							
Tin No.							
Tin Wt. (g)							
Tin + Wet Wt. (g)							
Tin + Dry Wt. (g) 1							
Moisture Conent %							
Dry Density (to 0.01 Mg/m3)							

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 as applicable