

## Laboratory Test Sheet

### **LABORATORY COMPACTION DETERMINATION BS 1377 : PART 4 : 1990**

Method 3.3 / 3.4 / 3.5 / 3.6\*

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>

Initial 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)\*

Prepared to Pass :                            20 mm / 5 mm\* Sieve

Chopped / Shredded / Neither\*

Weight of Test Portion : \_\_\_\_\_ (g)    Particle Density : \_\_\_\_\_ Mg/m3 (M / A)

Weight Ret. 37.5 mm Test Sieve \_\_\_\_\_ (g)    Percentage : \_\_\_\_\_ (For Litre mould must be 0 % and CBR mould must be <10 %)

Weight Ret. 20 mm Test Sieve : \_\_\_\_\_ (g)    Percentage : \_\_\_\_\_ (For Litre mould must be <5 % and CBR mould must be <30 %)

Height of Mould (HM)    (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ Mean \_\_\_\_\_ (to 0.1 / 0.5 mm)

Internal Diameter        (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ Mean \_\_\_\_\_ (to 0.1 / 0.5 mm)

Height of mould + Collar (HMC) : \_\_\_\_\_ (mm)    Dip Range : \_\_\_\_\_ (mm)    (Dip Range = HMC - HM to HMC - HM + 6 mm)

Volume of Mould : \_\_\_\_\_ (Cm3)

Est. Moist. Content (%)	As Recieved						
Mould + Sample Wt. (to 5 g)							
Mould Wt. (to 5 g)							
Sample Wt. (to 5 g)							
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