Laboratory Test Sheet

Dry Density / Moisture Content Relationship (Vibrating)

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		

Procedure 2.5/4.5kg* hand/mechanical rammer*

_____ layers _____ blows per layer

One litre/CBR* mould Volume of mould (V) cm3

Single sample/separate batches*

Initial sample mass	(g)	Particle density				Mg/m3
Retained on 20mm/37.5mm * Sieve	(g)	%				
Test Number						
Mass of Mould + Base + Compacted Specimen (M2)	(g)					
Mass of Mould + Base (M1)	(g)					
Mass of Compacted Specimen (M2 - M1)	(g)					
Bulk density $\rho = \frac{(M2 - M1)}{18.15h}$	(Mg/m3)					
Moisture Content Container No.						
Moisture Content (w)	(%)					
Dry Density $\rho_d = \frac{100\,\rho}{100 + w}$	(Mg/m3)					

* Delete as Appropriate

Maximum Dry Density **Mg/m3**

Optmum Moisture Content **%**

Moisture Content **%**

Comments : _____

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

Check Level (1/2/3)

Note:- * Delete as appropriate