Laboratory Test Sheet

Dry Density / Moisture Content Relationship (Light)

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

Equipment Check .....
Calibration Check .....

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)

Notes : * Delete as applicable