Laboratory Test Sheet

Client:

Client Ref:

Alfred McAlpine Civil Engineering

Lab. Ref:

10073

12345

Dry Density / Moisture Content Relationship (Rammer)

Site:

Job No:

Stanton North Phase II

Date Received : 04/09/1996

B4240/96V

Supplier:	Se	Source :			
Material Type : <u>Sub-base</u>		Specification:	Type 1 Sub-base		
Material Name : <u>Type 1 Sub-base</u>		Stone Type :	Not Known		
Procedure 2.5/4.5kg* hand/mechanical rammer* layers	blows per layer				
One litre/CBR* mould Single sample/separate batches*	Volume of mould	(V)	cm3		
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: Check Level (1/2)	/2)	Date:	
Notes : * Delete as applicable		Check Level (1/2)	(3)		