<u>Laboratory Test Sheet</u> <u>Dry Density / Moisture Content Relationship (Rammer)</u>

Client : Client Ref : Supplier : Material Type : Material Name :	Alfred McAlpine Ci 12345 Sub-base	vil Engineering Lab. Ref :	10073	Site : Job No : Source : Specification :	Stanton North Phase B4240/96V Type 1 Sub-base	II Date Received :	04/09/1996
Equipment Check	Type 1 Sub-base			Stone Type :	Not Known		
Procedure 2.5	5/4.5kg* hand/mechani	cal rammer*	hl				
One litre/CBR* mould		blows per layer Volume of mould (V)		cr	cm3		
Single sample	e/separate batches*						
Initial sample	Initial sample mass		(g)	Particle density		Mg/m3	
Retained on 2	20mm/37.5mm * Sieve		(g)		%		·
Test Number							
Mass of Mou	ıld + Base + Compacted	l Specimen (M2)	(g)				
Mass of Mou	ıld + Base (M1)		(g)				
Mass of Com	pacted Specimen (M2	- M1)	(g)				
Bulk density	$\rho = \underbrace{(M2 - M)}_{18.15H}$		(Mg/m3)				
Moisture Cor	ntent Container No.						
Moisture Cor	ntent (w)		(%)				
Dry Density	$\rho d = \frac{100 \rho}{100 + w}$	-	(Mg/m3)				
* Delete as A	appropriate						
Maximum D	Pry Density		Mg/m3				
Optmum Mo	oisture Content		%				
Moisture Co	ntent		%				
Comments :							
Comments : Date			e:	Checked By :		Date :	
Notes * 1	Doloto os applicable			Check Level (1	1/2/3)		