Laboratory Test Sheet

Consolidation Test

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	

Test Method BS 1377 : Part 5 : 1990		
Machine No.	Specimen Diameter mm	Height mm
Cell No.	Lever Ratio :1	Area mm2
Ring No.	1 kg/lb * on hanger give pressure of	kPa

Specimen Initially	
Diameter mm	Density
Area mm2	Moisture Content %
Height mm	Dry Density Mg/m3
Voids Ratio	Particle Density Mg/m3
Saturation %	m
Depth below surface	kPa

Pressure Stage kPa	Lab. Coefficients of Compressibility	Consolidation m1/year

VOIDS RATIO					COMPRESSIBILITY				COEFFICIENT OF CONSOLIDATION		
Increment No	Pressure P kPa	Cumulative Compression (dH - y) mm	Consolidated Height H = Ho-(dH-y) mm	Voids Ratio e = (h-Hs)/Hs	Incremental Height change dH mm	Pressure change dp kPa	mv = (dH) / (H1) * (1000) / (dp) m2/MN	t50 min	H = 1/2(H1+H2) mm	cv 0.026H / t50 m2/year	cv 0.11H / t50 m2/year

Comments : _____

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

Check Level (1/2/3)

Notes : * Delete as applicable