

Standard Proctor Test
Low Permeability Fill
Revision 1

AN APPLIED EARTH SCIENCES COMPANY					
Project Information	Sample Information				
Project Name:	Structure:	Sample #:	Coordinates	Sample Date:	
Project Number:	Work Area:	Material Type:	N or STN, E or	Sampled By:	
Client Name:	Borrow Source:	Depth (m):	O/s, EI.		
Testing Information					
Natural Moisture Content MC(%):	Preparation Method:				
Specific Gravity (Estimated or Measured):	Rammer:				

Laboratory Inform	Laboratory Information					
Lab Name:	Method:					
Technician:	Test Start Date:					
Test Standard:	Report Date:					

Comparison Information

	CQA	CQC	Diff CQA- CQC
Max Dry Density kg/m3			
Optimum Moisture Content %			

Sample Number	1	2	3	4	5	6	7
(A) Wt Wet Soil + Mold							
(B) Wt Mold, g							
(C) Wt Wet Soil, g = (A-B)							
(D) Vol Mold, cm ³							
(E) Wet Density, $kg/m^3 = (C/D) \times 1000$							
(F) Dry Density, kg/m ³ = [E/(1+L/100)]							

Sample Number	1	2	3	4	5	6	7
Container							
(G) Wt Wet Soil + Tare, g							
(H) Wt Dry Soil + Tare, g							
(I) Wt Water, g = (G-H)							
(J) Tare, g							
(K) Wt Dry Soil, g = (H-J)							
(L) Moisture Content, % = (I/K) x 100							

(L) Moisture Content, % = (I/K) x 100

Max Dry Density, Kg/m3 =

Optimum Moisture Content, % =

Test condition

Passed	Failed

Corrective actions	:		
Comments			
1			

Reviewed By: Date: Date: Entered in DB by: DB Checked by:	Entered in DB by: DB Checked by:
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