

Project Information

Project name:

Project Number:

Client Name:

Laboratory Information

Laboratory:

Test Standard:

Test Method:

Technician:

Test Date:

Prep. Method:

Sample By:

Report Date:

Splitting Method:

Sample Information

Structure:

Sample Name:

Depth From:

Work Area:

Sample Number:

Depth To:

Source:

Sample Date:

North:

Material Type:

Elev:

East:

Natural Mc:

Specific Gravity:

Testing Information

Trial number	1	2	3	4	5	6	7
Wt Wet Soil + Mold (gr)							
Wt Mold (gr)							
Wt Wet Soil (gr)							
Vol Mold (cm³)							
Wet Density (kg/m³)							
Dry Density, (kg/m³)							
Dry Density Corrected							

Trial Number	1	2	3	4	5	6	7
Container							
Wt Wet Soil + Tare (gr)							
Wt Dry Soil + Tare (gr)							
Wt Water (gr)							
Tare (gr)							
Wt Dry Soil (gr)							
Moisture Content (%)							
Moisture Content Corrected							

Max Dry Density

Optimum Moisture Content

Correction of Unit Weight and Water Content for Soils Containing Oversize
Particles ASTM D4718

Corrected Dry unit weight of the total material (combined finer and oversize fractions) (Kg/m³)		
Corrected water contetn of combined finer and oversize fractions expressed in percent ωT (%)		
Wc (%)		γDF
Pc (%)		PF (%)
Gm		
γω (KN/m³)		γDT

Test Result	
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Comparison Information

	CQA	CQC
Max Dry Density		
Optimum Moisture Content		

Laboratory Commets:

Field Comments/Corrective actions:

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

Approved By: _____