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Laboratory:	QA-LAB	Test Standard:	Test Method:	Hydrometer Type:
Technician:		Test Date:	Prep. Method.	Mixing Method:
Sample By		Report Date:	Dispersion Device	Specific Gravity was

Sample Information

Structure:Sample Name:Depth FromWork AreaSample Number:Depth To:SourceSample Date:NorthMaterial Type:ElevationEast

Moisture Content Test 25 a

Moisture Content rest 25 g	
Trial No.	
Tare Name.	
Oven Temperature (°C)	
Tare Plus Wet Soil (gr)	
Tare Plus Dry Soil (gr)	
Water, Ww (gr)	
Tare (gr)	
Dry Soil, Ws (gr)	
Moisture Content (%)	

Hydrometer	Hydrometer me	easure of fluid:	
Hydrometer ID:		Hydrometer ID:	
Temperature (°C)	Actual Reading	Temperature (°C)	Actual Reading

Atterber Limit Results

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Liquid Limit (%)	
Plasticity Index (%)	

Specific Gravity

SG	

Hydrometer Analysis

Dispersing Agent	
Amount used (g)	
Temperature of test, T (°C)	
Viscosity of water (g*s/cm2)	
Mass density of water Calibrated (₀c)	
Acceleration (cm/s2)	
Volume of suspension (V _{sp}) cm3	
Meniscus Correction, Cm	
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Moisture Content Test 50 g

Worsture Content rest	ou g	
Trial No.		
Tare Name.		
Oven Temperature (°C)		
Tare Plus Wet Soil (gr)		
Tare Plus Dry Soil (gr)		
Water, Ww (gr)		
Tare (gr)		
Dry Soil, Ws (gr)		
Moisture Content (%)		

Hydrometer (Calibration:	Hydrometer measure of fluid:			
Hydrometer ID:		Hydrometer ID:			
Temperature (°C)	Actual Reading	Temperature (°C)	Actual Reading		

Reading for 25g	Date	Hour	Reading Time, T (min)	Temp °C	Hydrometer Readings (Rm)	A or B depending of the Hydrometer type	Offset at Reading (rdm)	Mass Percent Finer (N m) (%)	Effective Length(H _m)	D, mm
1										
2										
3										
4										
5										
6										
7										
8										
9										

Suggested Reading Times: 1 min, 2 min, 4 min, 15 min, 30 min, 60 min (1 hour) , 240 min (4 hour), 360 min (6 hr), 1440 min (24 hr).

Reading for 50g	Date	Hour	Reading Time, T (min)	Temp °C	Hydrometer Readings (Rm)	depending of the	Reading (rdm)	Mass Percent Finer (N _m)(%)	Effective Length(H _™)	D, mm
1										_
2										
3										
4										
5										
6										
7										
8										
9										

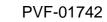
Suggested Reading Times: 1 min, 2 min, 4 min, 15 min, 30 min, 60 min (1 hour) , 240 min (4 hour), 360 min (6 hr), 1440 min (24 hr).

Percent Dispersion

T CI CCITE DISPCISION	
Nm, 2µm not dispersed	
Nm, 2µm dispersed	
% Dispersion	
Classification	

ı	Laboratory Comments:	
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Reviewed by:		
	Date:	



Laboratory Dispersive Characteristics of Clay Soil by Double Hydrometer Review Date: 2023-10-04 Revision 3 Next review Date: 2028-10-04

