

Project Information

Project name: Project Number: 0011295 Client Name: PVDC

Laboratory Information

Laboratory: PVDJ Soil Lab Test Standard: ASTM-D4318 Test Method:
Technician: WM Test Date: 2025-05-27 Prep. Method: Air Dried
Sample By: RA Report Date: 2025-07-20 Splitting Method: Manual

Sample Information

Structure: DH-BGC25-001 Sample Name: DH-BGC25-001#2 Depth From: 33.4
Work Area: Sample Number: G1 Depth To: 33.60
Source: Sample Date: 2025-05-21 North:
Material Type: Soil Elevation: East
Natural MC (%):

Testing Information

Liquid Limit

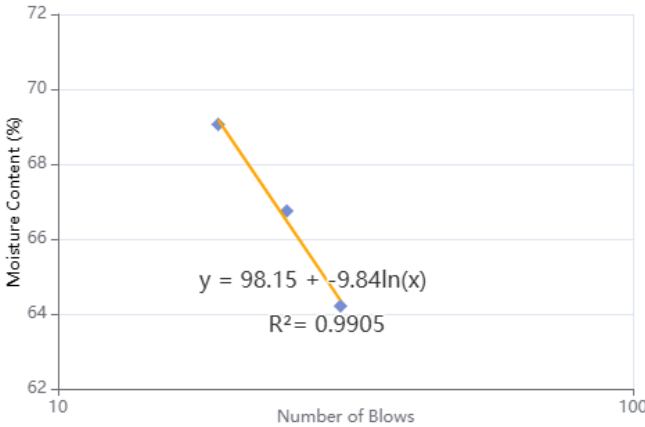
Trial Number	1	2	3
No. of Blows	31	25	19
Container	LAB-075-E4	LAB-216-B2	LAB-216-L3
Wt Wet Soil + Tare (gr)	24.562	25.180	25.049
Wt Dry Soil + Tare (gr)	20.995	21.460	21.195
Wt Water (gr)	3.57	3.72	3.85
Tare (gr)	15.440	15.887	15.614
Wt Dry Soil (gr)	5.56	5.57	5.58
Moisture Content (%)	64.21	66.75	69.06

Plastic Limit

Trial Number	1	2	3
Container	LAB-216-D3	LAB-216-H3	
Wt Wet Soil + Tare (gr)	23.052	23.266	
Wt Dry Soil + Tare (gr)	21.527	21.752	
Wt Water (gr)	1.52	1.51	
Tare (gr)	15.510	15.814	
Wt Dry Soil (gr)	6.02	5.94	
Moisture Content (%)	25.34	25.50	
Avg. Moisture Content%	25.42		

Soil Classification as per Unified Soil Classification System, ASTM designation D2487-06	CH OR OH
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MULTI-POINT LIQUID LIMIT PLOT



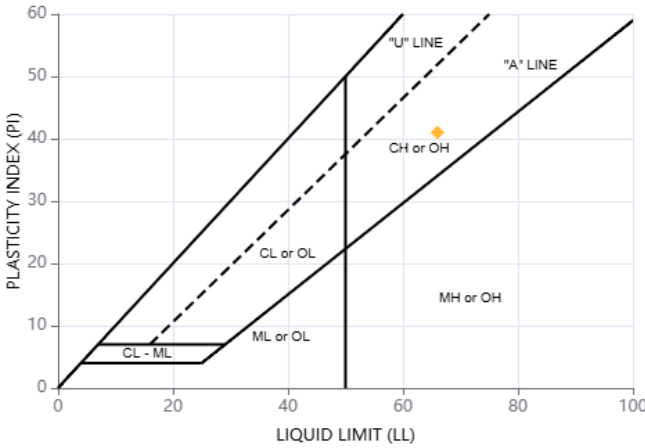
Summary Atteberg Limit Parameter

Liquid Limit (%):	66
Plastic Limit (%):	25
Plasticity Index (%):	41
Liquidity Index (%):	
Test Result:	

Comparison Information

	CQA	CQC
Liquid Limit (%):	66	
Plastic Limit (%):	25	
Plasticity Index (%):	41	
Liquidity Index (%)		

PLASTICITY CHART



Laboratory Comments:

Field Comments / Correction action:

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

Approved By: