

### Laboratory Information

Laboratory: PVDJ Soil Lab  
Technician: WM  
Sample By:

Test Standard: ASTM-D4318  
Test Date: 2025-10-06  
Report Date: 2025-10-08

Test Method:  
Prep. Method: Manual  
Splitting Method: Air Dried

### Sample Information

Structure: NARANJO  
Work Area:  
Source:  
Material Type: Soil

Sample Name: DH-KCB-NTSF25-33  
Sample Number: G1  
Sample Date: 2025-08-07  
Elevation:  
Natural Moisture (%): 48.04%

Depth From: 0.45  
Depth To: 1.50  
North:  
East:

### Testing Information

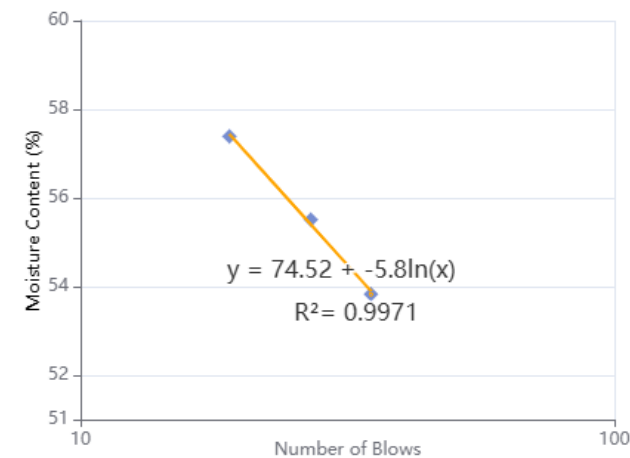
#### Liquid Limit

Trial Number	1	2	3
No. of Blows	35	27	19
Container	LAB-216-M4	LAB-216-L4	LAB-216-K3
Wt Wet Soil + Tare (gr)	26.014	25.441	25.258
Wt Dry Soil + Tare (gr)	22.353	22.020	21.760
Wt Water (gr)	3.66	3.42	3.50
Tare (gr)	15.552	15.857	15.665
Wt Dry Soil (gr)	6.80	6.16	6.10
Moisture Content (%)	53.83	55.51	57.39

#### Plastic Limit

Trial Number	1	2	3
Container	LAB-075-P2	LAB-075-K3	
Wt Wet Soil + Tare (gr)	24.225	23.760	
Wt Dry Soil + Tare (gr)	22.287	21.898	
Wt Water (gr)	1.94	1.86	
Tare (gr)	15.769	15.673	
Wt Dry Soil (gr)	6.52	6.22	
Moisture Content (%)	29.73	29.91	
Avg. Moisture Content%	29.82		

MULTI-POINT LIQUID LIMIT PLOT

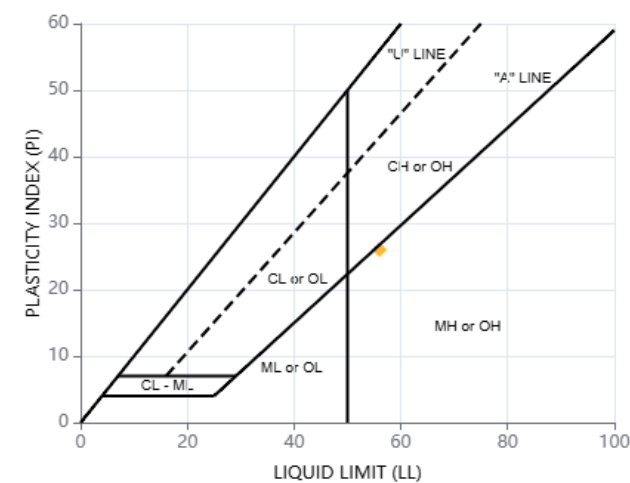


#### Summary Atteberg Limit Parameter

Liquid Limit (%):	56
Plastic Limit (%):	30
Plasticity Index (%):	26
Liquidity Index (%):	0.7002

Soil Classification as per Unified Soil Classification System, ASTM designation D2487-06	MH OR OH
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PLASTICITY CHART



#### Laboratory Comments:

Reviewed By: Wendin De Jesús

Date: 10/08/2025

Approved By: Wendin De Jesús

Wendin De Jesús  
Date: 10/08/2025