Laboratory Information

Laboratory:	PVDJ Soil Lab	Test Standard:	ASTM-D5731	Test Method:	Diametral
Technician:	RRH\RL	Test Date:	2024-12-22	Equipment Extraction:	
Sample By	-	Report Date:	2024-12-27	Cutter Equipment:	
				Test Device:	ROCTEST PIL-10

Sample Information

Structure:		Sample Name:	DPV24-895	Depth From	47.9
Work Area		Sample Number:	PVGT00001677	Depth To:	48
Source		Sample Date:	2024-12-17	North	
Material Type:	Rock	Elevation		East	

PLT Device Values

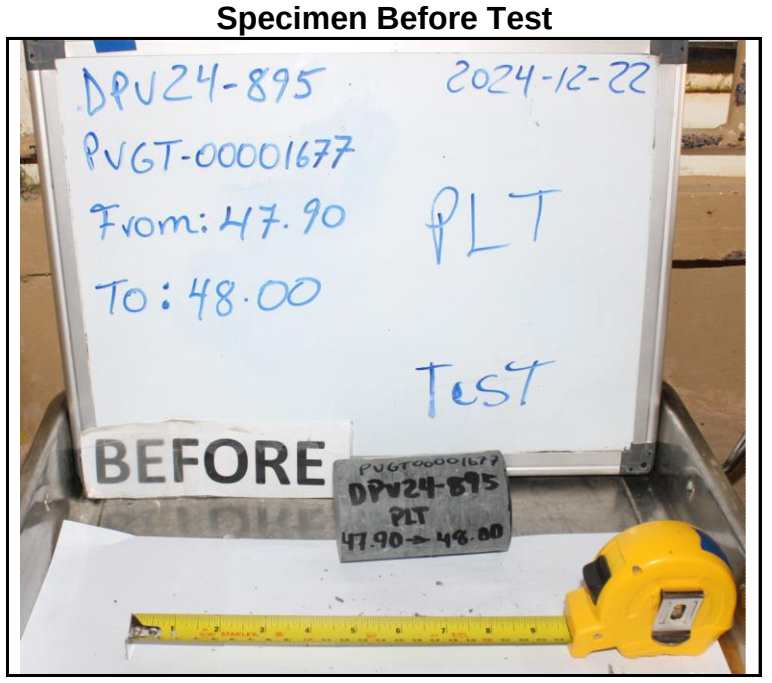
Effective Area of Jack Piston (,m^2)	0.001435
k_1 value (assumed value to correlate Is50 to UCS):	15
k_2 value (assumed):	21

Testing Information

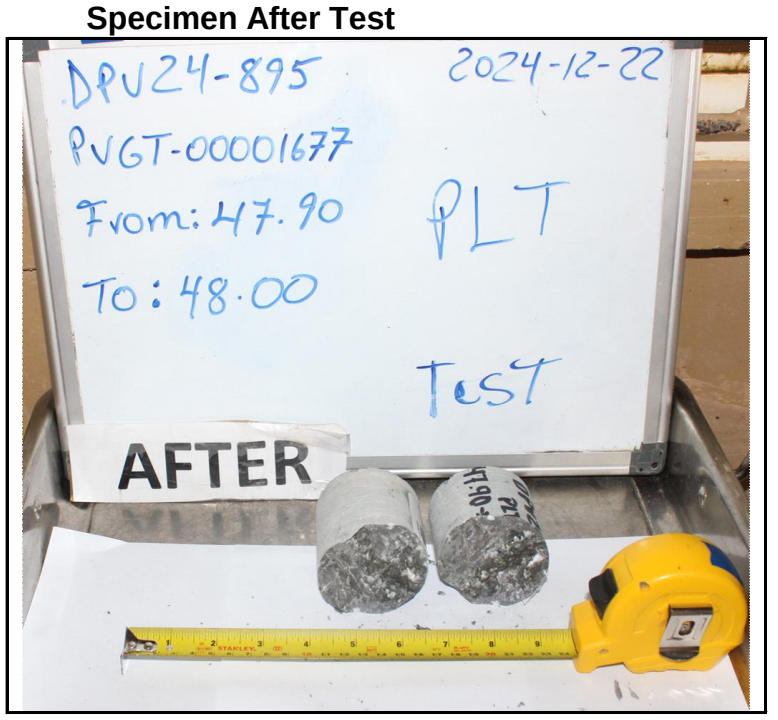
Test Type (A,B,C,D)	Dimensions (mm)		Distance Between Plattens (mm)	Load Direction	Gauge Reading (Mpa)	Failure Load (MN)
	L (mm)	D (mm)				
A	51.7	**62.63**	**62**	**⊥**	**3.7**	0.005

D_e (mm)	Is (Mpa)	F	Is50	UCS from k_1 (Mpa)	UCS from k_2 (Mpa)	Strenght Classification
62.000	1.382	1.102	1.522	22.831	31.963	High

Specimen Before Test



Specimen After Test



Laboratory Comments

⊥ Load Direction perpendicular to plane of weakness.

Reviewed By: Laura Katherine Sanchez Rodriguez
Laura Katherine Sanchez Rodriguez (Dec 27, 2024 15:03 AST)

Date: Dec 27, 2024

DPV24-895-PVGT00001677-PLT

Final Audit Report 2024-12-27

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