Laboratory Information

Laboratory:	PVDJ Soil Lab	Test Standard:	ASTM-D5731	Test Method:	Diametral
Technician:	RL/DF	Test Date:	2025-10-15	Equipment Extraction:	N/A
Sample By	-	Report Date:	2025-10-22	Cutter Equipment:	N/A
				Test Device:	ROCTEST PIL-10

Sample Information

Structure:	-	Sample Name:	LL25-126	Depth From	18.22
Work Area	-	Sample Number:	PVGT00003792	Depth To:	18.33
Source	-	Sample Date:	2025-09-17	North	-
Material Type:	Rock	Elevation	-	East	-

PLT Device Values

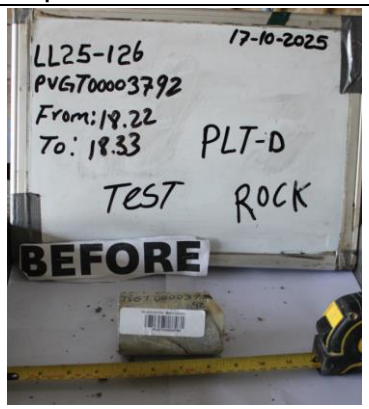
Effective Area of Jack Piston (,m²)	0.001435
k_1 value (assumed value to correlate Is50 to UCS):	15
k_2 value (assumed):	21

Testing Information

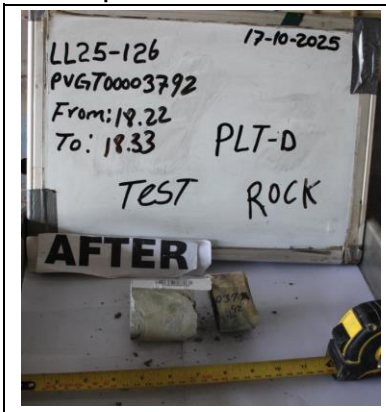
Test Type (A,B,C,D)	Dimensions (mm)		Distance Between Plattens (mm)	Load Direction	Gauge Reading (Mpa)	Failure Load (MN)
	L (mm)	D (mm)				
A	47.89	61.01	60.00	⊥	1.16	0.002

D_e (mm)	Is (Mpa)	F	Is50	UCS from k_1 (Mpa)	UCS from k_2 (Mpa)	Strenght Classification
60.000	0.463	1.086	0.502	7.531	10.543	Medium
				Test condition	Valid	

Specimen Before Test



Specimen After Test



Laboratory Comments

⊥ Load Direction perpendicular to plane of weakness.

Reviewed By: Wendin De Jesús **Date:** 10/23/2025

Approved By: Wendin De Jesús **Date:** 10/23/2025