

Laboratory Information

Laboratory:	PVDJ Soil Lab	Test Standard:	ASTM-D3967	Test Method:	-
Technician:	JV/RRH/WM	Test Date:	2025-10-20	Equipment Extraction:	N/A
Sample By	AC/WC/LB	Report Date:	2025-10-23	Cutter Equipment:	HUSQUARNA-MS360
				Test Device:	Controls Group A12P02

Sample Information

Structure:	DH-KCB-NTSF25	Sample Name:	DH-KCB-NTSF25-34	Depth From	17.93
Work Area	-	Sample Number:	R1	Depth To:	18.25
Source	-	Sample Date:	2025-08-08	North	-
Material Type:	Rock	Elevation	-	East	-

Testing Information

Splittling Tensile Strenggth of Rock Core Specimen- Brazilian								
Samples	Diameter D(cm)	Thicness t(cm)	Relation t/d	Loading rate (KN/s)	Time to Failure (s)	Max. Load (kN)	Tensile Strength (Mpa)	Failure type
Sample 1	6.1	3.8	0.62	1.183	23	27.22	7.48	Central+Layer activation
Sample 2	6.2	3.8	0.61	1.066	27	28.79	7.78	Non-central
Sample 3	6.2	3.9	0.63	1.201	40	48.03	12.65	Central
Sample 4								
Sample 5								
Sample 6								
Sample 7								
Sample 8								
Sample 9								
Sample 10								
Average	6	4	0.62	1.15	30	34.68	9.30	



Speciment Before Test



Speciment After Test

Comments:

The core 1,2 and 3 did not meet ASTM D-3967 Clause 8.3 related to test time; failure should occur within 1 to 10 min of loading. Results are submitted for data information.

Reviewed By: Wendin De Jesús

Approved By: Wendin De Jesús

Date: 10/23/2025

Date: 10/23/2025