

Laboratory Information

Laboratory: PVDJ Soil Lab
Technician: JV/RRH/MC
Sample By: AC/WC/LB

Test Standard: ASTM-D-7012
Test Date: 2025-10-20
Report Date: 2025-10-23

Test Method: C
Extraction Equipment: N/A
Cutter Equipment: HUSQUARNA-MS360
Test Device: Controls Group A12P02

Sample Information

Structure: DH-KCB-NTSF25
Work Area: -
Source: -
Material Type: Rock

Sample Name: DH-KCB-NTSF25-34
Sample Number: R1
Sample Date: 2025-08-08
Elevation: -

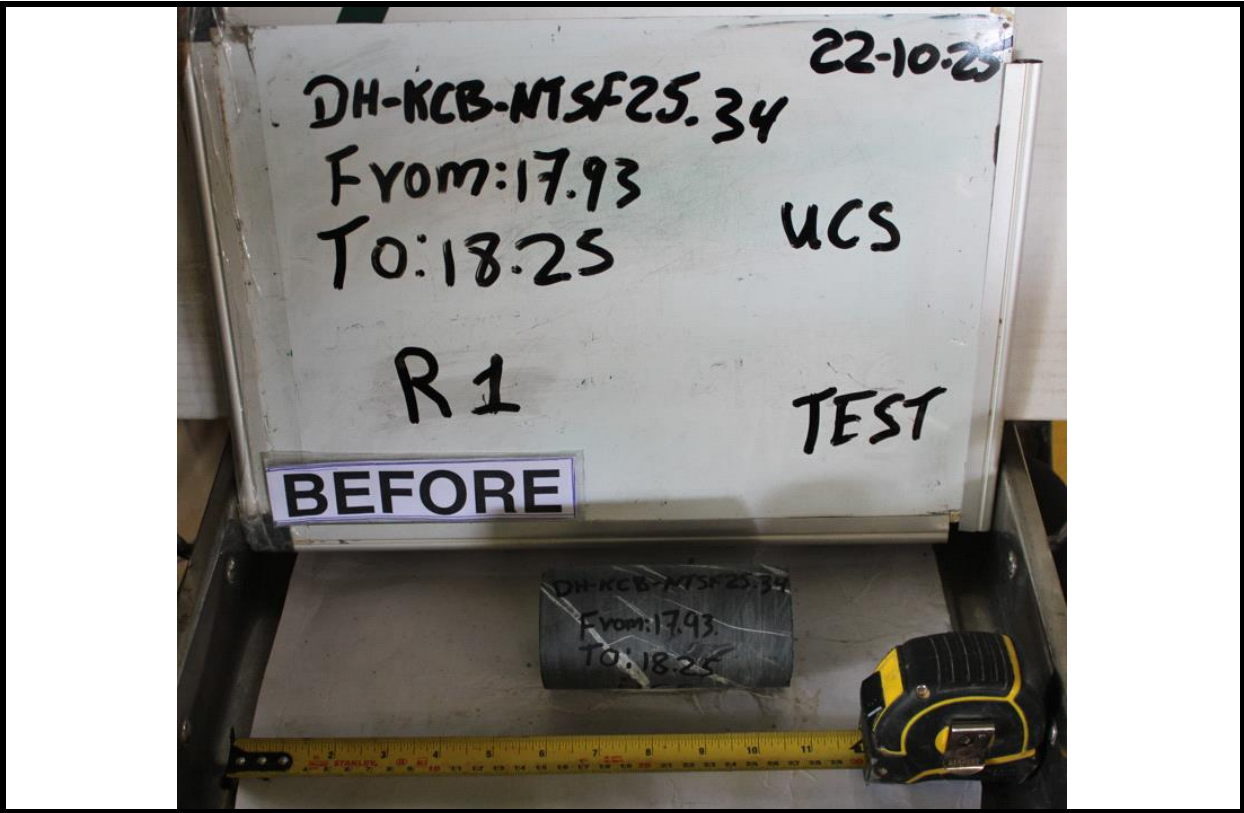
Depth From: 17.93
Depth To: 18.25
North: -
East: -

Testing Information

Compressive Strenght of Intact Rock Core Specimens				
Dimensions (cm)		Relation h/D	Area (m²)	Volume (m³)
D (cm)	h (cm)			
6.10	12.2	2.0	0.00292	0.000357
Weight of the Core (Kg)	Unit Weight of the Core (Kg/m³)	Failure Load (KN)	Test Timing (s)	Load Proportion (Mpa/s)
0.942	2643	60.37	35.0	0.569
Uniaxial Compressive Strenght (Mpa)	Failure type			
20.66	simple shear			



Graphic Failure Load versus Time



Speciment Before Test



Speciment After Test

Comments:

⊥ Load Direction perpendicular to plane of weakness.

Test did not meet ASTM D-7012 Clause 9.4.1.1 related to test time " The stress rate or strain rate selected shall be that which will produce failure of a cohort test specimen in compression, in a test time between 2 and 15 min". Results are submitted for data information.

Reviewed By: Wendin De Jesús

Date: 10/23/2025

Approved By: Wendin De Jesús

Date: 10/23/2025