

Laboratory Information

Laboratory: PVDJ Soil Lab
Technician: JV/RRH
Sample By: -

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-NTSF25-35
Sample Number: R2
Sample Date: 2025-08-13
Elevation: -

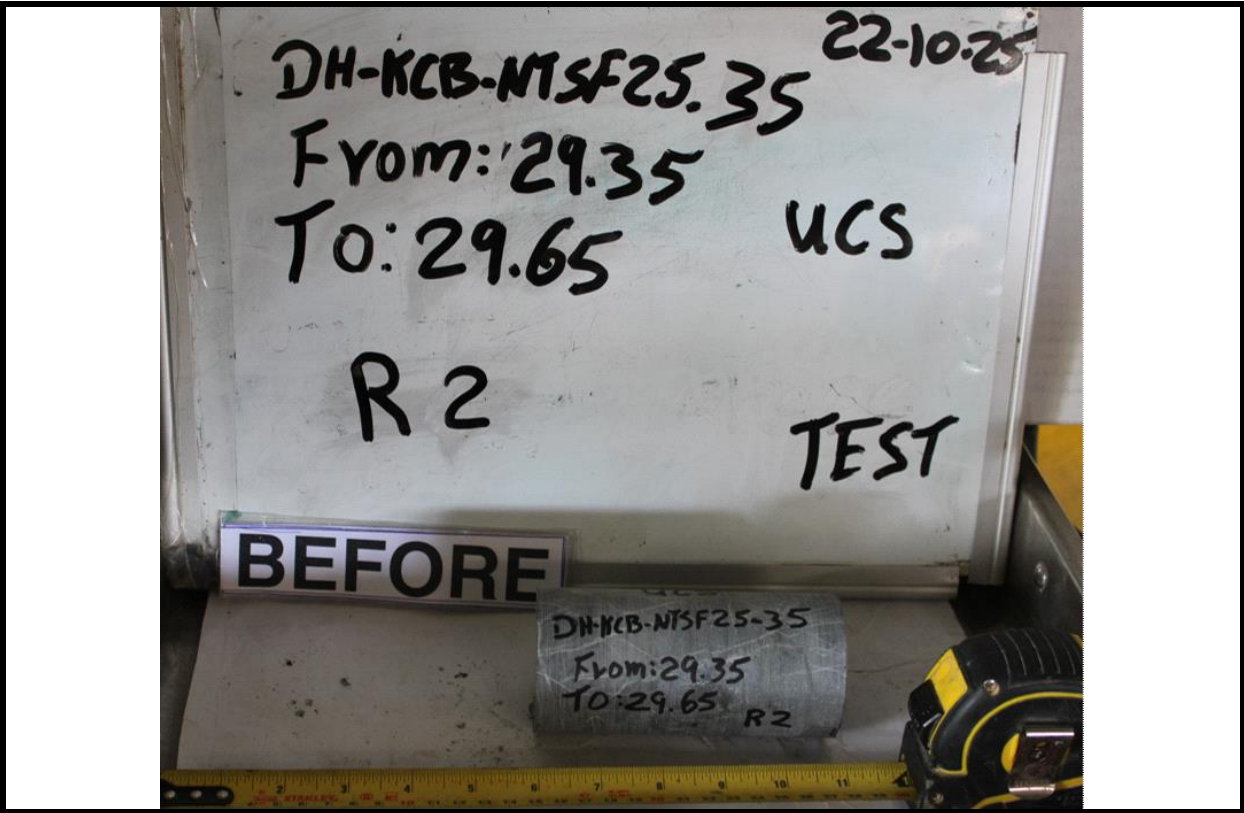
Depth From: 29.35
Depth To: 29.65
North: -
East: -

Testing Information

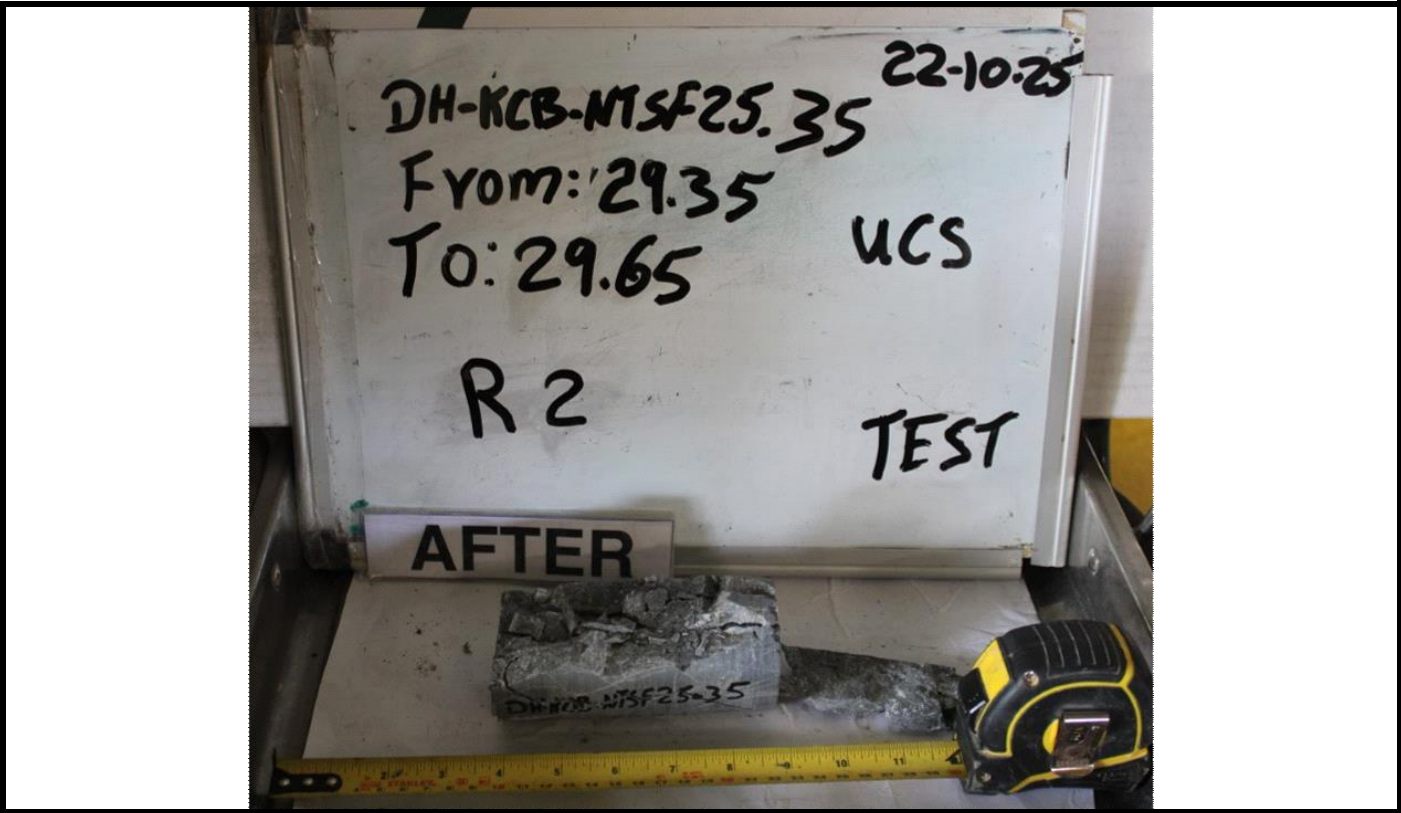
Compressive Strenght of Intact Rock Core Specimens				
Dimensions (cm)		Relation h/D	Area (m²)	Volume (m³)
D (cm)	h (cm)			
6.10	12.8	2.1	0.00292	0.000374
Weight of the Core (Kg)	Unit Weight of the Core (Kg/m³)	Failure Load (KN)	Test Timing (s)	Load Proportion (Mpa/s)
0.960	2567	24.74	18.0	0.770
Uniaxial Compressive Strenght (Mpa)	Failure type			
8.47	Multiple extension			



Graphic Failure Load versus Time



Speciment Before Test



Speciment After Test

Comments:

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

Approved By: Wendin De Jesús

Date: 10/23/2025

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