

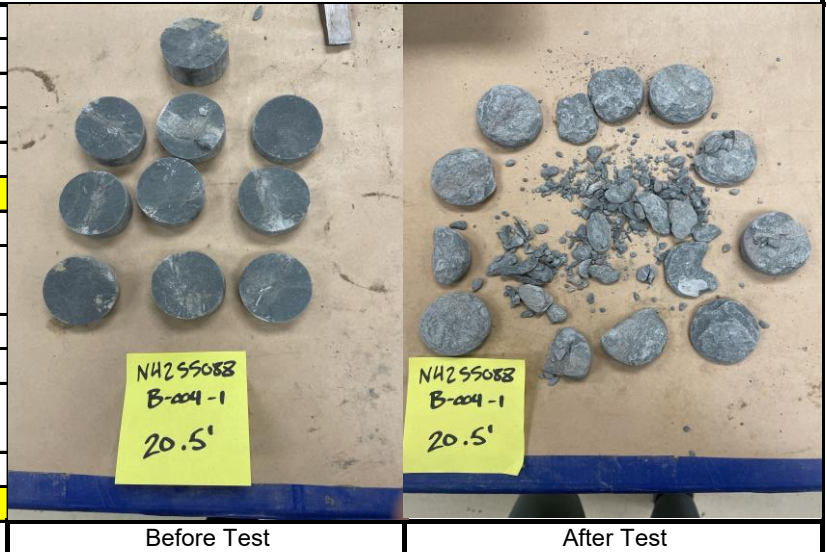
SLAKE DURABILITY INDEX (SDI) TEST SUMMARY (ASTM D4644)



Client: Stantec Consulting Services, inc.
Project: GAL- SR 160 - 14.33 Landslide
Location: Vinton County, OH

Date: 7/10/2025
Project Number: N4255088

Boring No.			B-004-1-25
Depth (ft)			20.5
Tare Weight:			843.7
Moist weight (Sample+Tare):			1647.89
Dry weight (Sample+Tare):			1634.45
Natural Moisture Content (%):			1.7
After Cycle No. 1			
Temperature (°F)			Dry Weight (Sample+Tare)
Start	End	Average	
70.0	70.2	70.1	
			1537.4
After Cycle No. 2			
Temperature (°F)			Dry Weight (Sample+Tare)
Start	End	Average	
71.6	72.9	72.3	
			1379.6
SLAKE DURABILITY INDEX:			67.8
Fragments Retained - Type:			II
Material Description:		SHALE	
Notes/Comments:			



Boring No.			B-004-1-24
Depth (ft)			22.0
Tare Weight:			840.2
Moist weight (Sample+Tare):			1679.0
Dry weight (Sample+Tare):			1664.2
Natural Moisture Content (%):			1.8
After Cycle No. 1			
Temperature (°F)			Dry Weight (Sample+Tare)
Start	End	Average	
70.3	70.5	70.5	
			1558.3
After Cycle No. 2			
Temperature (°F)			Dry Weight (Sample+Tare)
Start	End	Average	
71.6	73.2	73.2	
			1394.4
SLAKE DURABILITY INDEX:			67.3
Fragments Retained - Type:			II
Material Description:		SHALE	
Notes/Comments:			

