

## UNCONFINED COMPRESSIVE STRENGTH TEST STRESS - STRAIN CURVE

Project: EXAMPLE	Project No.: XYZ123	
Location: Swanpoint, Maryland		
Boring No.: CB-2	Sample No.: Tube	Depth: 41.5-43.5 ft.
Description of Soil: Gray fat CLAY		

Liquid Limit: 81	Plastic Limit: 33	Plasticity Index: 48
Moisture Content: 70.3 %		
Total Unit Weight: 101.1 pcf		Dry Unit Weight: 59.4 pcf

**INITIAL SPECIMEN DATA:**

Diameter: 2.85 in.	Area: 6.381964 sq.in.
Height: 6.94 in.	Volume: .025631 cu.ft.

**TEST RESULTS:**

Unconfined Compressive Strength = 1812 psf  
Undrained Shear Strength: = 906 psf

