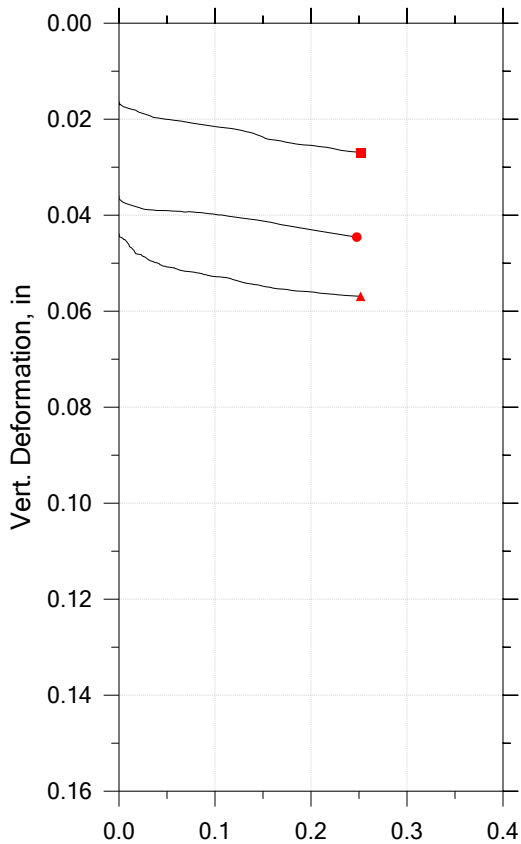
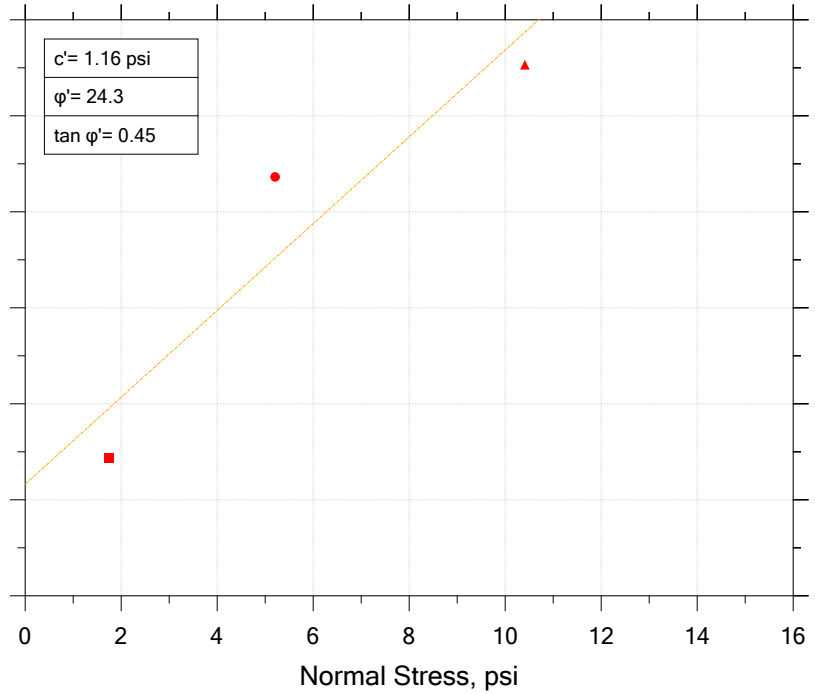
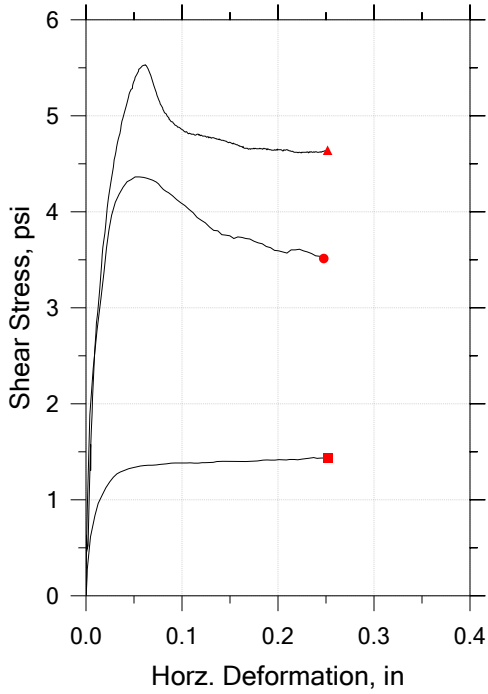



# DIRECT SHEAR TEST by ASTM D3080



Symbol	■	●	▲	
Test No.	RS-7	RS-8	RS-9	
Sample No.	ST-1	ST-1	ST-1	
Shape	Circular	Circular	Circular	
Initial	Dimension, in	2.5	2.5	2.5
	Area, in <sup>2</sup>	4.9087	4.9087	4.9087
	Height, in	1	1	1
	Water Content, %	38.80	35.76	36.35
	Dry Density, pcf	81.40	84.35	82.71
	Saturation, %	94.68	93.38	91.41
Final	Void Ratio	1.1474	1.0722	1.1134
	Consol. Height, in	0.98376	0.96407	0.95619
	Consol. Void Ratio	1.1125	0.99773	1.0209
	Water Content, %	44.96	39.02	41.79
Final	Dry Density, pcf	106.4	108.7	104.8
	Saturation, %	195.60	179.80	175.10
	Void Ratio	0.64356	0.60772	0.6683
Normal Stress, psi	1.7359	5.2066	10.41	
Max. Shear Stress, psi	1.4403	4.3636	5.5322	
Ult. Shear Stress, psi	1.436	3.5145	4.6416	
Time to Failure, min	300	94.95	87.001	
Disp. Rate, in/min	0.0008	0.0008	0.0008	

	Project: ABC123	Location: USA	Project No.: RES123
	Boring No.: SGH-2	Tested By: gv	Checked By: mn
	Sample No.: ST-1	Test Date: 02/22/2018	Depth: 5 ft.
	Test No.: RS-7	Sample Type: tube	Elevation: N/A
	Description: Moist, dark reddish brown clay		
	Remarks:		