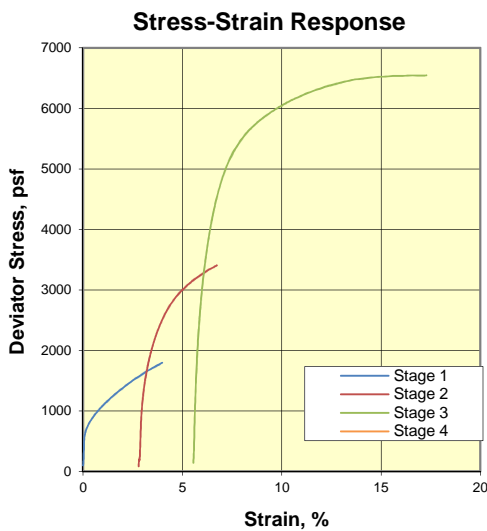


**Staged Consolidated Undrained Triaxial Compression with Pore Pressure  
ASTM D4767m**



Stage	1	2	3	4
<b>Boring</b>	RC-17-002			
<b>Sample</b>				
<b>Depth</b>	21.0			
<b>Visual Description</b>	Greenish Gray CLAY			
<b>MC (%)</b>	26.1			
<b>Dry Density (pcf)</b>	99.9			
<b>Saturation (%)</b>	100.0			
<b>Void Ratio</b>	0.718			
<b>Diameter (in)</b>	2.38			
<b>Height (in)</b>	5.03			
	<b>Final</b>			
<b>MC (%)</b>	23.7	22.5	21.0	
<b>Dry Density (pcf)</b>	103.9	106.1	108.8	
<b>Saturation (%)</b>	100.0	100.0	100.0	
<b>Void Ratio</b>	0.653	0.618	0.577	
<b>Diameter (in)</b>	2.33	2.34	2.35	
<b>Height (in)</b>	5.03	4.88	4.75	
<b>Cell Pressure (psi)</b>	78.1	86.9	103.2	
<b>Back Pressure (psi)</b>	70.4	70.8	70.2	
	<b>Effective Stresses At:</b>			
<b>Strain (%)</b>	4.0	4.0	4.0	
<b>Deviator (ksf)</b>	1.797	3.392	5.900	
<b>Excess PP (psi)</b>	4.0	7.4	16.4	
<b>Sigma 1 (ksf)</b>	2.333	4.649	8.300	
<b>Sigma 3 (ksf)</b>	0.536	1.257	2.401	
<b>P (ksf)</b>	1.435	2.953	5.351	
<b>Q (ksf)</b>	0.899	1.696	2.950	
<b>Stress Ratio</b>	4.351	3.700	3.458	
<b>Rate (in/min)</b>	0.0005	0.0005	0.0005	

<b>CTL Number:</b>	
<b>Client Name:</b>	
<b>Project Name:</b>	
<b>Project Number:</b>	
<b>Date:</b>	<b>By:</b> MD/DC
<b>Total C</b>	<b>0.200 ksf</b>
<b>Total phi</b>	<b>21.4 degrees</b>
<b>Eff. C</b>	<b>0.180 ksf</b>
<b>Eff. Phi</b>	<b>31.6 degrees</b> ©