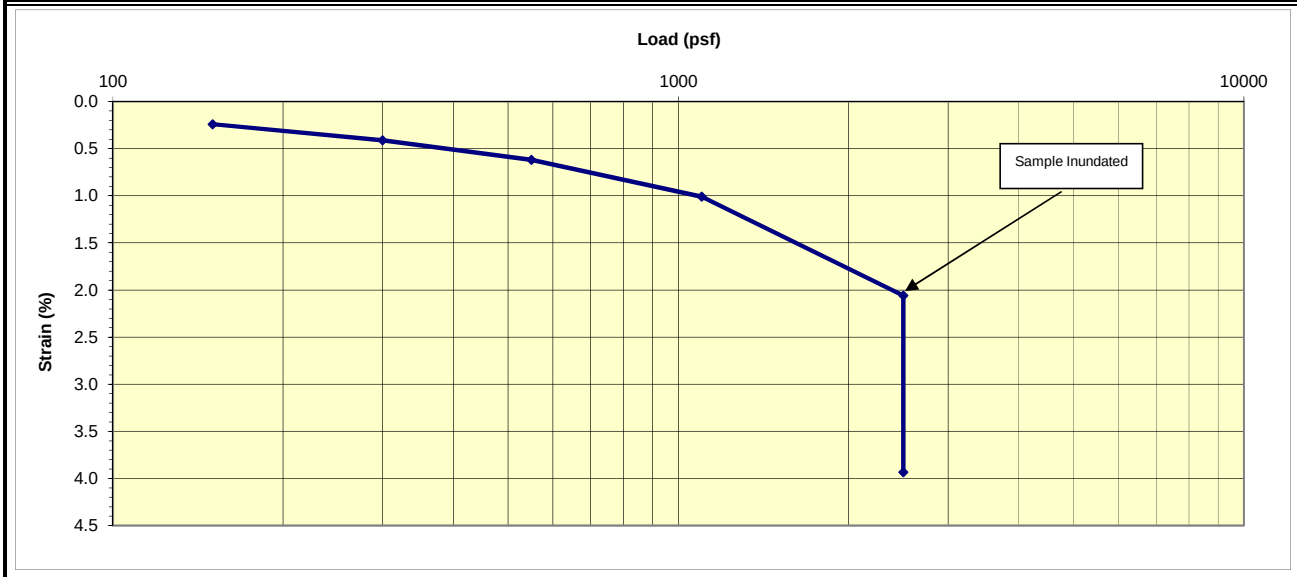
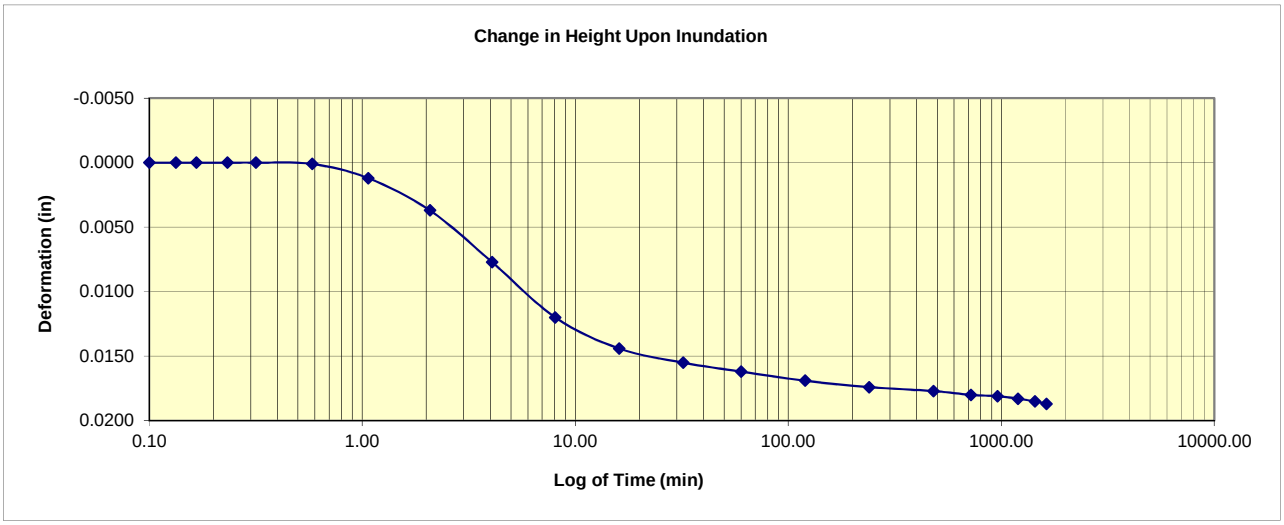
Collapse Potential of Soils
ASTM D5333-03

Job No.:		**Boring:**	B-4	**Date:**	
Client:		**Sample:**	2B	**Tested By:**	MD
Project:	**Proj. No.:**	**Depth, ft.:**	5.5	**Checked:**	PJ/DC
Soil Description:	Strong Brown CLAY, trace Gravel				

Load, psf	150	300	550	1100	2500	2500			
Deformation, in.:	0.0024	0.0041	0.0062	0.0101	0.0206	0.0394			

	Initial	**Final**	**Vertical Stress at Inundation (psf)**	**Collapse Potential (%)**
Moisture Content %	14.3	17.8	**2500**	**1.87**
Dry Density, pcf	105.3	109.6		
Void Ratio	0.601	0.538		
Saturation %	64.2	89.1		
Assumed Specific Gravity		2.70