

Your Company Your Company Information					LOG OF BORING: Flood Control										Reviewed Date Reviewed By											
					Project: Geotechnical Examples		Drilling Method: Direct Push						Approved Date Approved BY													
					Drill Date: 2015-12-08		Northing: 622 m						Easting: 100 m													
Depth (ft)	Samples	USCS	Water Level	Symbol	Material Description	Field Strength Data	Cu (tsf)		Dry Density (pcf)	UU Shear Strength (psi)	Failure Strain (%)	Confining Pressure (psi)	Natural Moisture Content and Atterberg Limits		ATTERBERG LIMITS (%)					Remarks						
							1	2					3	4	Moisture Content (%)	Liquid Limit (LL)	Plastic Limit (PL)	Plasticity Index (PI)	Passing #200 Sieve (%)							
							Blow Count																			
							20	40	60	80				10	20	30	40	50	60	70	80	90				
2		PT			Peat and other highly organic soils.	12																				
						14																				
						16																				
4		GC			Clayey gravels, gravel-sand-clay mixtures.	18																				
						22																				
						24																				
6		GC			Clayey gravels, gravel-sand-clay mixtures.	14																				
						21																				
						25																				
8		GC			Clayey gravels, gravel-sand-clay mixtures.	18																				
						24																				
						25																				
10		MH			Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	18																				
						22																				
						26																				
12		CH			Inorganic clays of high plasticity, fat clays.	16																				
						24																				
						24																				
14		SP			Poorly-graded sands, gravelly sands, little or no fines.	26																				
						28																				
						30																				
16		SH			Shale	26																				
						28																				
						30																				
18		SH			Shale																					
20		SH			Shale																					

Water Observations:

Key to Abbreviations
 N - SPT Data (Blows/ft)
 P - Pocket Penetrometer (tsf)
 T - Torvane (psf)
 Cu - Undrained Cohesion (tsf)

Notes: