

Subsurface Boring Log

Project:		Location:	Boring No.
Geologist:		Drilling Method:	Date:
Elev. Feet	Depth Feet	Field Classification (material, color, grain size, etc.)	
	0		
	5		
	10		
	15		
	20		
	25		

Descriptive Terminology

Material Name/Diameter Range

Cobble: >75mm or 3 inches, larger than a baseball
 Gravel: 4.75 to 75 mm, pea-sized to baseball-sized
 Sand: 0.075 to 4.75 mm, can see individual grains
 Fines (silt and clay): < 0.075 mm, feels gritty to smooth

Grain Size

Descriptors for Sand and Gravel

Coarse
 Medium
 Fine

Roundness

Very angular (sharp edges/corners on the particle)
 Angular (more sharp edges than smooth edges)
 Rounded (more smooth edges than sharp edges)
 Well rounded (smooth edges)

Color

Black White
 Brown Green
 Gray Red
 Yellow Tan
 Blue Dark
 Orange Light

Moisture Condition

Dry Wet
 Damp Saturated



Sorting

Poorly Sorted (sample has diverse particle sizes)
 Moderately Sorted (sample has similar particle sizes)
 Well Sorted (sample has uniform particle sizes)