



JONAS ENDRESON

A Family of
DRILLING CONTRACTORS

732-270-2060

OCEAN COUNTY

NJ LIC #0001434

9 Bayview Ave. P.O. Box 616

Island Heights, New Jersey 08732

Environmental / GeoTech Drilling Professional

SOIL BORING DESCRIPTION

FIRM KSI
CLIENT Neil Wasser
LOT _____ BLOCK _____
TWP. / BORO Bradley Beach, NJ
MISC. INFO. 18 400 Ocean Park Avenue
STATIC WATER LEVEL 6'-7" (Mottling @ 4')
LOG BY [Signature] DATE September 29, 2021

NOTE: Boring document must be reviewed
by a Licensed Engineer/Architect

DEPTH F'	THICKNESS	DESCRIPTION	DEPTH F'	THICKNESS	DESCRIPTION
1	1'	75% 25% Loose/Soft SM/OL - Soil	11		
2			12		
3	2'	GM - Compacted	13	5'	GW - Compacted
4	1'	SC - Compacted	14		
5	1'	SM - Compacted	15		
6			16	1'-6"	85% 15% SP/SM - Compacted
7			17	3'-6"	
8	3'	80% 20% SP/SM - Compacted	18		
9			19		
10			20	3'-6"	SW - Compacted

PLEASE NOTE: It is good construction practice & a proven method to keep basement floors (2) two feet above Seasonal High Water. Boring location and elevation must be confirmed by a licensed Surveyor. Additional borings may be required by your engineer or Building Department.

UNIFIED SOIL CLASSIFICATION CHART

1	2		3	4
Coarse-grained Soils More than half of material is larger than No. 200 sieve. The No. 200 sieve size is about the smallest particle visible to the naked eye.	Gravels More than half of course fraction is larger than No. 4 sieve size. (For visual classification, the $\frac{1}{4}$ in size may be used as equivalent to the No. 4 sieve size.)	Clean Gravels (little or no fines)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		Gravel with Fines (appreciable amount of fines)	GM	Silty gravels, gravel-sand mixtures
			GC	Clayey gravels, gravel-sand mixtures
		Clean Sands (little or no fines)	SW	Well-graded sands or gravelly sands, little or no fines
			SP	Poorly graded sands, or gravelly sands, little or no fines
	Sands More than half of course fraction is smaller than No. 4 sieve size. (For visual classification, the $\frac{1}{4}$ in size may be used as equivalent to the No. 4 sieve size.)	Sand's with Fines (appreciable amount of fines)	SM	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures
Fine-grained Soils More than half of material is smaller than No. 200 sieve size.	Silts and Clays liquid limits is less than 50		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	Silts and Clays liquid limits is greater than 50		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
			PT	Peat and other highly organic soils

- (1) **Boundary classifications:** Soils possessing characteristics of two groups are designated by combination of group symbols. For example, GW-GC, well graded gravel-sand mixture with clay binder.