

STANDARD PENETRATION TEST BORING LOG

Boring Location: Proposed South SWM Pond Expansion
 Boring Method: Hollow Stem Auger
 Logged By: R. Kunkel Driller: Free State Drilling

Boring No.: S-01
 Date Started: 10/27/2020
 Date Completed: 10/27/2020
 Sheet No.: 1 of 1

Elevation	Depth (ft.)	Groundwater	Stratum	Surface Elevation: <u>261</u> ft.	Sample No.	SPT (blows/6")	Moisture Content (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing No. 200 Sieve	REMARKS
258.5				NATIVE - Brown, Sandy SILT/Silty fine SAND (ML/SM) with gravel - medium dense, moist.	1	9 11 11	4				Topsoil/Grass: 5 inches
	5			Auger Refusal @ 2.5 feet on hard bedrock, cobbles or boulders. Offset 5 feet and encountered refusal @ 1 foot. Offset 5 feet and encountered refusal @ 2 feet.							Cave: 2.3 feet
				Groundwater not encountered. Backfilled upon completion. Surface elevation surveyed by KWP Associates.							
				Large boulders and rock outcrops 1/2-foot to 4-feet wide observed in vicinity of boring.							
	10										
	15										
	20										

The lines between various strata on the test boring/pit logs represent the approximate strata boundary; however, the transition between strata may be more gradual than shown, especially where indicated by a broken line.

GROUNDWATER DATA

▽	DURING DRILLING	<u>None</u>	FEET
▽	AT COMPLETION	<u>None</u>	FEET
▽	AFTER _____ HOURS		FEET
▽	AFTER _____ HOURS		FEET

SPT BORING (FT.) 20220 FRITO LAY ADDITIONS.GPJ WDP 41509.GDT 11/30/20



10621 Gateway Blvd., Suite 200
 Manassas, Virginia 20110
 tel: 703.257.9280 · fax: 571.292.9842
 www.wdpa.com

Frito Lay Transformation

1886 Upper Maple Street
 Dayville, Connecticut
 WDP Project No. 20220

STANDARD PENETRATION TEST BORING LOG

Boring Location: Proposed South SWM Pond Expansion
 Boring Method: Hollow Stem Auger
 Logged By: R. Kunkel Driller: Free State Drilling

Boring No.: S-08
 Date Started: 10/27/2020
 Date Completed: 10/27/2020
 Sheet No.: 1 of 1

Elevation	Depth (ft.)	Groundwater Stratum	MATERIAL DESCRIPTION	Sample No.	SPT (blows/6")	Moisture Content (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing No. 200 Sieve	REMARKS
			Surface Elevation: <u>259</u> ft.							
255.5			NATIVE - Orange-brown to light brown, fine Silty fine SAND (SM) with mica and gravel - very stiff, moist. Auger Refusal @ 1 foot. Offset 5' and continued drilling.	1	5 10 12	6				Topsoil/Grass: 5 inches Cave: 2 feet
253.0	5		NATIVE - Light brown, fine Sandy SILT/Silty fine SAND (ML/SM) with gravel - hard, moist.	2	16 18 20	1				
251.0			Brown, Silty GRAVEL (GM) - damp to moist. 6-inch seam of gray, amphibole residuum sampled as micaceous Silty fine SAND (SM) at 6.5 feet - 7 feet	3	26 31 50/3"	2				
	10		Auger Refusal @ 8 feet on hard bedrock, cobbles or boulders. Groundwater not encountered. Backfilled upon completion. Surface elevation surveyed by KWP Associates. Large boulders and rock outcrops 1/2-foot to 3-feet wide observed in vicinity of boring.							
	15									
	20									

The lines between various strata on the test boring/pit logs represent the approximate strata boundary; however, the transition between strata may be more gradual than shown, especially where indicated by a broken line.

GROUNDWATER DATA

DURING DRILLING None FEET
 AT COMPLETION None FEET
 AFTER _____ HOURS _____ FEET
 AFTER _____ HOURS _____ FEET

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STANDARD PENETRATION TEST BORING LOG

Boring Location: Proposed South SWM Pond Expansion Boring No.: S-09
 Boring Method: Hollow Stem Auger Date Started: 10/27/2020
 Logged By: R. Kunkel Driller: Free State Drilling Date Completed: 10/27/2020
 Sheet No.: 1 of 1

Elevation	Depth (ft.)	Groundwater Stratum	Surface Elevation: <u>259</u> ft.	Sample No.	SPT (blows/6")	Moisture Content (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing No. 200 Sieve	REMARKS
254.0	5		MATERIAL DESCRIPTION NATIVE - Brown, fine Sandy SILT/Silty fine SAND (ML/SM) trace gravel - firm, moist. Orange brown color.	1	2 4 3	6				Topsoil/Grass: 5 inches
			Auger Refusal @ 5 feet on hard bedrock, cobbles or boulders. Groundwater not encountered. Backfilled upon completion. Surface elevation surveyed by KWP Associates. Rock outcrops observed in vicinity of boring.	2	5 50/5.5"	5				Cave: 3.1 feet
10										
15										
20										

The lines between various strata on the test boring/pit logs represent the approximate strata boundary; however, the transition between strata may be more gradual than shown, especially where indicated by a broken line.

GROUNDWATER DATA

▼	DURING DRILLING	None	FEET
▼	AT COMPLETION	None	FEET
▼	AFTER _____ HOURS	_____ FEET	FEET
▼	AFTER _____ HOURS	_____ FEET	FEET

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