

EXAMPLE OF STANDARD BORING LOG

This example of a standard boring log is meant to aid in the consistency of what data may be expected and how it might be communicated. It is meant to be used in conjunction with the DEP's *Trenchless Technology Technical Guidance Document* (310-2100-003).

For more information, please visit the Bureau of Waterways Engineering & Wetlands <https://www.dep.pa.gov/Business/Water/Waterways/Pages/default.aspx> or visit the Trenchless Technologies webpage at <https://www.dep.pa.gov/About/Regional/RPCO/Pages/Trenchless.aspx>.

DRAFT

DATE STARTED: _____	DRILL COMPANY: _____	BORING B-##
DATE COMPLETED: _____	DRILLER: _____ LOGGED BY: _____	
COMPLETION DEPTH: 145.0 ft	DRILL RIG: _____	Water: <input type="checkbox"/> While Drilling 8 feet <input type="checkbox"/> Post-Core 14.6 feet
BENCHMARK: N/A	DRILLING METHOD: Casing/Rock Coring	BORING LOCATION: See Boring Location Plan
ELEVATION: N/A	SAMPLING METHOD: 2-in SS1.874-in Core	
LATITUDE: n/a°	HAMMER TYPE: Automatic	
LONGITUDE: n/a°	EFFICIENCY: N/A	
STATION: N/A OFFSET: N/A	REVIEWED BY: _____	
REMARKS: _____		

Elevation (feet)	Depth (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS) RQD & Recovery % (NX)	Moisture, %	STRENGTH, tsf	Additional Remarks
0	0		S-1	1	1	FILL-Dark gray-brown, SILT with Sand, trace organics and woody matter, moist	ML	1-3-6-50/4" N=9	31		
			R-1	16	16	Possible FILL-Diabase Boulder, Light gray to dark gray, Fine to medium grained, very hard		RQD=24 Rec=32%			
			S-2	0	0	Possible FILL-No recovery within this stratum		4-4-11-12 N=15			
			S-3	24	24	RESIDUUM-Stiff, Brown, Sandy Silty CLAY with Gravel, moist/wet	CL	9-5-6-7 N=11	18		LL = 24 PL = 18
			R-2	56	56	DIABASE-Light gray to dark gray, Fine to medium grained, Slightly Weathered, slightly broken to massive, very hard		RQD=86 Rec=94%			>> $Q_u = 1837.1$ tsf 189.8 pcf 2 min.
			R-3	78	78			RQD=93 Rec=93%			>> $Q_u = 1141.5$ tsf 48.8 pcf 2 min. 2 min. 2 min. 2 min. 2 min. 2 min. 2 min. 2 min. 2 min.

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Name: _____	PROJECT NO.: _____
Address: _____	PROJECT: _____
Telephone: _____	LOCATION: _____

The stratification lines represent approximate boundaries. The transition may be gradual. Sheet 1 of #