

# WASHINGTON SUBURBAN SANITARY COMMISSION STANDARD BORING LOG



Sheet 1 of 1

Boring 1 of 8

**Contract No.** BA123      **Project Description** Example Pipe Line Project

**Consultant** XYZ Consultants      **Geotech Consultant/Contractor** EFG Geo Consult.

**Boring No.** BH-1      **Station** 449+00, 120' L      **Ground Surface Elevation** 481.9 ft

**Easting** 1295426      **Northing** 526453      **Logged by** M.M

**Date Started** 7/24/06      **Date Completed** 7/24/06

**Inspector** M.M      **Driller** M. Smith

Rig Type	<u>Rubber Tire ATV</u>
Rig No.	<u>CME 750</u>
Drive Hammer	<u>140</u> LB
Casing Auger Size	<u>3.25</u> IN
Size of Core	<u>1.875</u> IN
Size of Bit OD	<u>2.98</u> IN
Hammer Energy Ratio	<u>65</u> %
Auger Depth	<u>35</u> FT

WATER TABLE

Depth Below Surface	Elev (ft)	Time (hours)	Date
▼ 23.3	458.6	0	7/24/06
▽ 12.5	469.4	24	7/25/06

CAVE-IN TABLE

Depth Below Surface	Elev (ft)	Time (hours)	Date
☒ 10.0	471.9	0 hr	7/24/07
☒ 15.0	466.9	24 hr	7/25/07

DEPTH IN FEET	ELEV. IN FEET	MATL	MATERIAL DESCRIPTION	SPT SPOON/ROCK CORE			REC (%)	LAB. INDEX TESTS			REMARKS
				SAMPLE NO.	BLOWS/RQD	SAMPLE DEPTH		NMC (%)	LL (%)	PI (%)	
4.0	477.90		Moist, Medium Stiff, Tan, SILT, Some Fine Sand	S-1	3-4-4-5	0.0-2.0	11%	20	50	12	4" Topsoil
				S-2	4-6-8-6	2.0-4.0	8%	12	30	21	
8.0	473.90		Moist, Loose, Light Brown, Medium to Coarse, SAND, Some Silt	S-3	4-5-5-6	4.0-6.0	14%	21	51	10	
				S-4	8-7-6-6	6.0-8.0	24%	10	53	12	
				S-5	2-2-4-4	8.0-10.0	24%	17	12	11	
18.5	463.40		Moist, Medium Stiff, Mottled Light Tan and White, SILT and Sand	▼							
				S-6	3-3-5	13.5-15.0	18%	14	15	2	
				S-7	6-6-11	18.5-20.0	18%	12	11	3	
23.5	458.40		Same as S-5, Very Moist, Very Stiff, Trace Gravel	▼							
28.5	453.40		Wet, Very Dense, Light Tan, SAND and Silty Clay	S-8	40-50/4	23.5-24.3	10%	19	12	3	
				S-9	50/4	28.5-28.8	4%		24	14	
33.5	448.40		Moist, Very Dense, Mottled Light Tan and White, SAND, Little Silt							Caved in at 32.2'.	
35.0	446.90		Moist, Dense, Mottled Light Tan and White, Fine to Medium SAND, Trace Silt	S-10	24-22-26	33.5-35.0	15%				

WSSC STANDARD BORING LOG (LETTER SIZE) / WSSC TEMPLATE.GDT / EXAMPLE PIPE LINE PROJECT.GPJ - 6/5/20

**Legend:** NMC - Natural Moisture Content    PI - Plasticity Index    REC - Recovery    MATL - Material Graphics    SPT - Standard Penetration Test  
RQD - Rock Quality Designation    LL - Liquid Limit    Elev - Elevation    Geotech - Geotechnical    OD - Outside Diameter

Boring and Sampling  
Conforms to ASTM/AASHTO:  
T-206