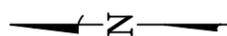


 APPROXIMATE BORING LOCATION



BORING LOCATION
PLAN



DMY ENGINEERING CONSULTANTS INC.
4170 LAFAYETTE CENTER, SUITE 500
CHANTILLY, VIRGINIA 20151
PHONE: (703) 665-0586
FAX: (301) 768-4169

SOUTH EADS PARK
ARLINGTON, VIRGINIA

DATE: 04/13/2022	DRAFTED BY: WBK	PROJECT NO.: 01.05718.01
SCALE: 1" = 40'	CHECKED BY: XC	FIGURE NO.: 2



PROJECT NAME: South Eads Park
 PROJECT NO.: 01.05718.01
 LOCATION: Arlington, Virginia
 CLIENT: Clark Azar & Associates

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PAGE 1 OF 1

DATE(S) DRILLED: 3/26/22
 DRILLING METHOD(S): 3.25 in HSA
 DRILLING EQUIPMENT: CME 45 Truck
 DRILLER: H. Guzman LOGGER: W. Kelsey
 SURFACE ELEVATION: 36.0

LAB DATA

FIELD DATA

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	LAB DATA		
										LIQUID LIMIT	PLASTICITY INDEX	MOISTURE CONTENT (%)
										GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING		
										NO LONG TERM MEASUREMENTS TAKEN		
										MATERIAL DESCRIPTION OF STRATA		
										LL	PI	
35	35	6		0.5				F2	0.0 / 36.0 CONCRETE Conc -2.4 in 0.2 / 35.8 Brown, sandy lean clay FILL, stiff, moist FL-CL			
4	4	4		2.5	54			F2		39	19	19.9
5	5	3		4.5	71			F2	4.5 / 31.5 Brown and black, sandy silt FILL, contains brick and asphalt, firm, moist FL-ML			
30	30	3		5	63			C2	6.0 / 30.0 Brown, SILT, firm, moist ML 6.5 / 29.5 Terminated			

SPT_LOG.P:\USERS\WKLSEY\ONEEDRIVE - ZCC.DMY\01.05718.01 ARLINGTON COUNTY SOUTH EADS PARK\B-DRILLING\01.05718.01.GPJ\4/22/22

REMARKS: Cave-in depth at 4.0 ft

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PROJECT NAME: South Eads Park
 PROJECT NO.: 01.05718.01
 LOCATION: Arlington, Virginia
 CLIENT: Clark Azar & Associates

B-13
PAGE 1 OF 2

DATE(S) DRILLED: 3/26/22
 DRILLING METHOD(S): 3.25 in HSA
 DRILLING EQUIPMENT: CME 45 Truck
 DRILLER: H. Guzman LOGGER: W. Kelsey
 SURFACE ELEVATION: 37.0

LAB DATA

FIELD DATA

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	▽ GROUND WATER FIRST ENCOUNTERED AT: 13.0 ft	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE CONTENT (%)
												LL	PI	
				0.0						0.0 / 37.0 Brown, sandy lean clay with gravel FILL, contains brick, soft, moist FL-CL				
		2 1 2 3		38										
	35			2.0				F2		SAME, contains construction debris and burned material				
		1 1 1 1		42										
				4.0						4.0 / 33.0 Brown, fine silty sand with gravel FILL, contains construction debris and brick, very loose, moist FL-SM				
	5	1 1 2 2		67				F3						
				6.0						6.0 / 31.0 Brown, coarse silty gravel FILL, contains brick, loose, moist FL-GM				
	30	4 2 2 3		8				F3						
				8.0						8.0 / 29.0 Brown and black, sandy lean clay FILL, trace gravel, contains brick and debris, soft to firm, moist FL-CL				
		1 3 3 2		33										
	10	1 2 1 3		67				F2						
				10.0										
	25													
				13.0						13.0 / 24.0 Brown, medium clayey sand FILL, contains brick, loose, moist FL-SC				
		2 3 2 3		83				F3						
										14.2 / 22.8 Brown, LEAN CLAY WITH SAND, firm to very stiff, moist CL				
	15							C2						

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REMARKS: Boring did not cave. Temporary piezometer installed prior to backfill.

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PROJECT NAME: South Eads Park
 PROJECT NO.: 01.05718.01
 LOCATION: Arlington, Virginia
 CLIENT: Clark Azar & Associates

DATE(S) DRILLED: 3/26/22
 DRILLING METHOD(S): 3.25 in HSA
 DRILLING EQUIPMENT: CME 45 Truck
 DRILLER: H. Guzman LOGGER: W. Kelsey
 SURFACE ELEVATION: 37.0

LAB DATA

∇ GROUND WATER FIRST ENCOUNTERED AT: 13.0 ft

DRY AFTER 72 HRS

MATERIAL DESCRIPTION OF STRATA

LIQUID LIMIT	PLASTICITY INDEX	MOISTURE CONTENT (%)
27	10	20.3

LL PI

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG
20		8		18.0				C2	
20		8 9 12		21				C2	
15				23.0				C3	
25		4 1 2 1		21				C3	

SAME, auger chatter

23.0 / 14.0
 Light brown, coarse POORLY-GRADED SAND WITH GRAVEL, very loose, moist **SP**

25.0 / 12.0 Terminated

REMARKS: Boring did not cave. Temporary piezometer installed prior to backfill.

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PROJECT NAME: South Eads Park
 PROJECT NO.: 01.05718.01
 LOCATION: Arlington, Virginia
 CLIENT: Clark Azar & Associates

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PAGE 1 OF 1

DATE(S) DRILLED: 3/26/22
 DRILLING METHOD(S): Hand Augers and DCP
 DRILLING EQUIPMENT: Hand Augers and Sowers DCP
 DRILLER: H. Guzman LOGGER: W. Kelsey
 SURFACE ELEVATION: 37.0

LAB DATA

FIELD DATA

DEPTH (FT)	ELEVATION (FT)	DCP BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	LAB DATA		
										LIQUID LIMIT	PLASTICITY INDEX	MOISTURE CONTENT (%)
										GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING		
										NO LONG TERM MEASUREMENTS TAKEN		
										MATERIAL DESCRIPTION OF STRATA		
										LL	PI	
		30+		0.0 0.5	100 342					0.0 / 37.0 Brown, medium to coarse clayey sand with gravel FILL, contains brick, loose to medium dense, moist FL-SC		
	35	30+		2.0	342			F3				
		19 18 15		4.0	114					SAME, contains brick and asphalt		
		10 8 9		4.5	114					4.5 / 32.5 Hand Auger Refusal		

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REMARKS: Boring performed with hand augers and Sowers DCP due to limited access. DCP values are blows per 1.75-inch increment. Boring did not cave. Bulk sample collected from 1.0 to 5.0 ft.

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Location: Arlington County South Eads Park

Site: INF4

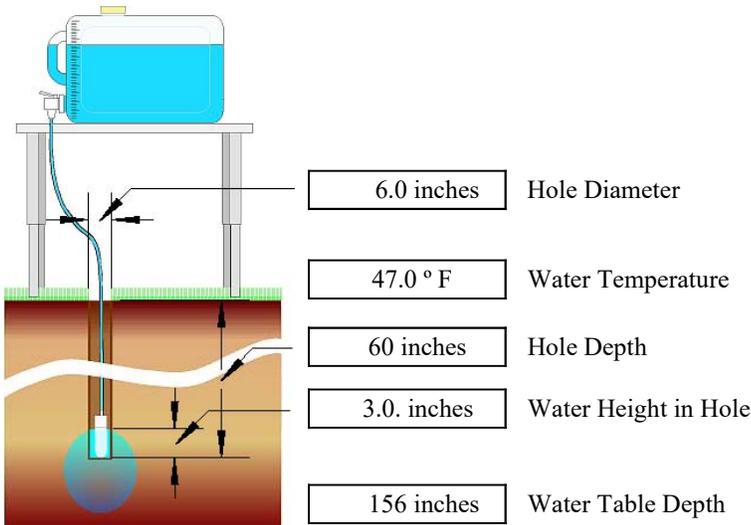
Time interval between readings: 1 minute

Ksat Method:

Steady Flow Rate Condition
 Steady Flow Rate achieved when Water Consumption Rate changes less than +/- 15 % for 3 consecutive readings

Steady Flow Rate:
 Temp. Adj. FR:
 Percolation Rate:
Ksat:

Notes:



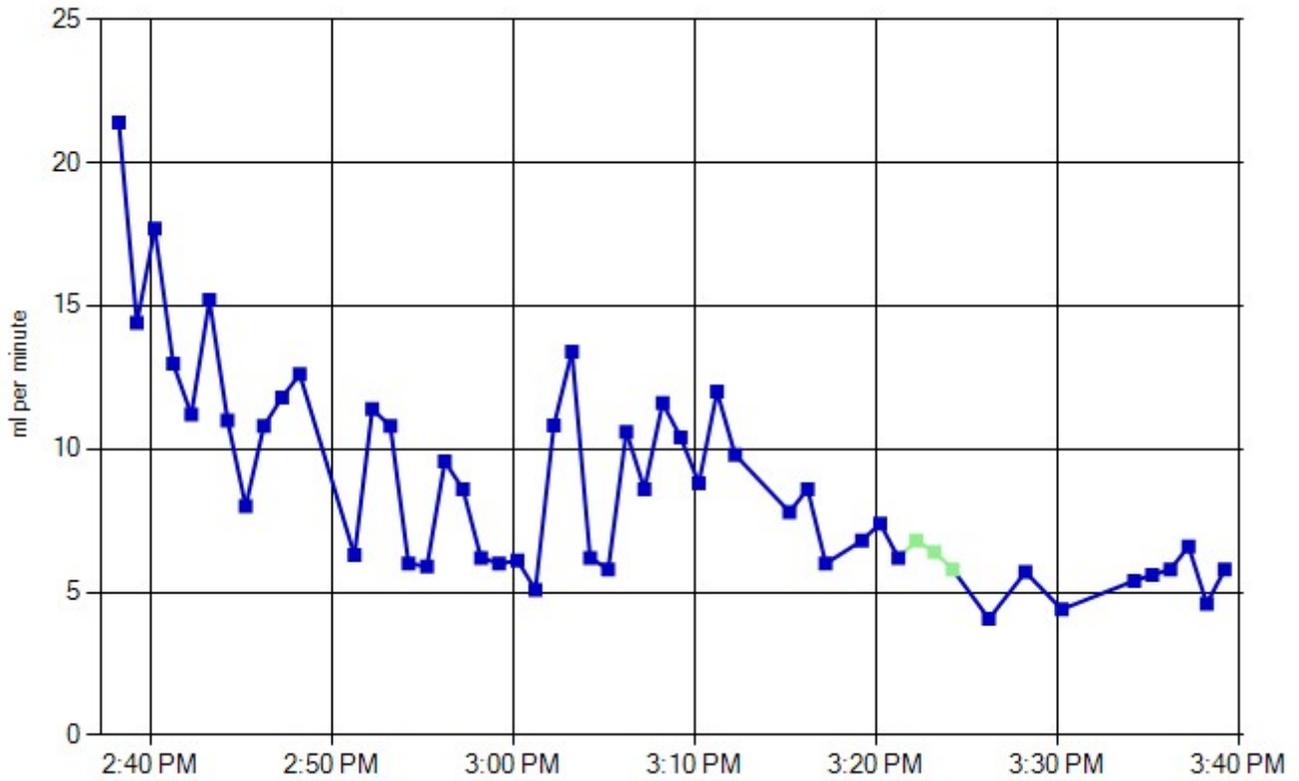
Site GPS Position

	Degrees	Minutes	Seconds	
Longitude:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	East
Latitude:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	North

Soil Texture-Structure Category:

Compacted, structure-less, clayey or silty materials such as landfill caps and liner, lacustrine or marine sediments, etc.

Water Consumption Rate



Total Water Consumed

