



## TEST BORING LOG

**BORING NO. :** NRW-11R

**PROJECT/PROJECT LOCATION:** National Grid - Williamsburg

**SHEET: 1 OF 3**

**CLIENT:** National Grid

**JOB NO. :** 60414000, 23

**BORING CONTRACTOR:** ADT/Cascade

**NORTHING:** 688860.73      **EASTING:** 642006.30

**GROUNDWATER:**

**CAS.**      **SAMPLER**      **CORE**      **TUBE**

**GROUND ELEVATION:** 10.42

DATE	TIME	LEVEL	TYPE	TYPE		Sonic Drilling	
None		7.24		DIA.		6"	
				WT.			
				FALL			

**DATE STARTED:** 03/23/2017

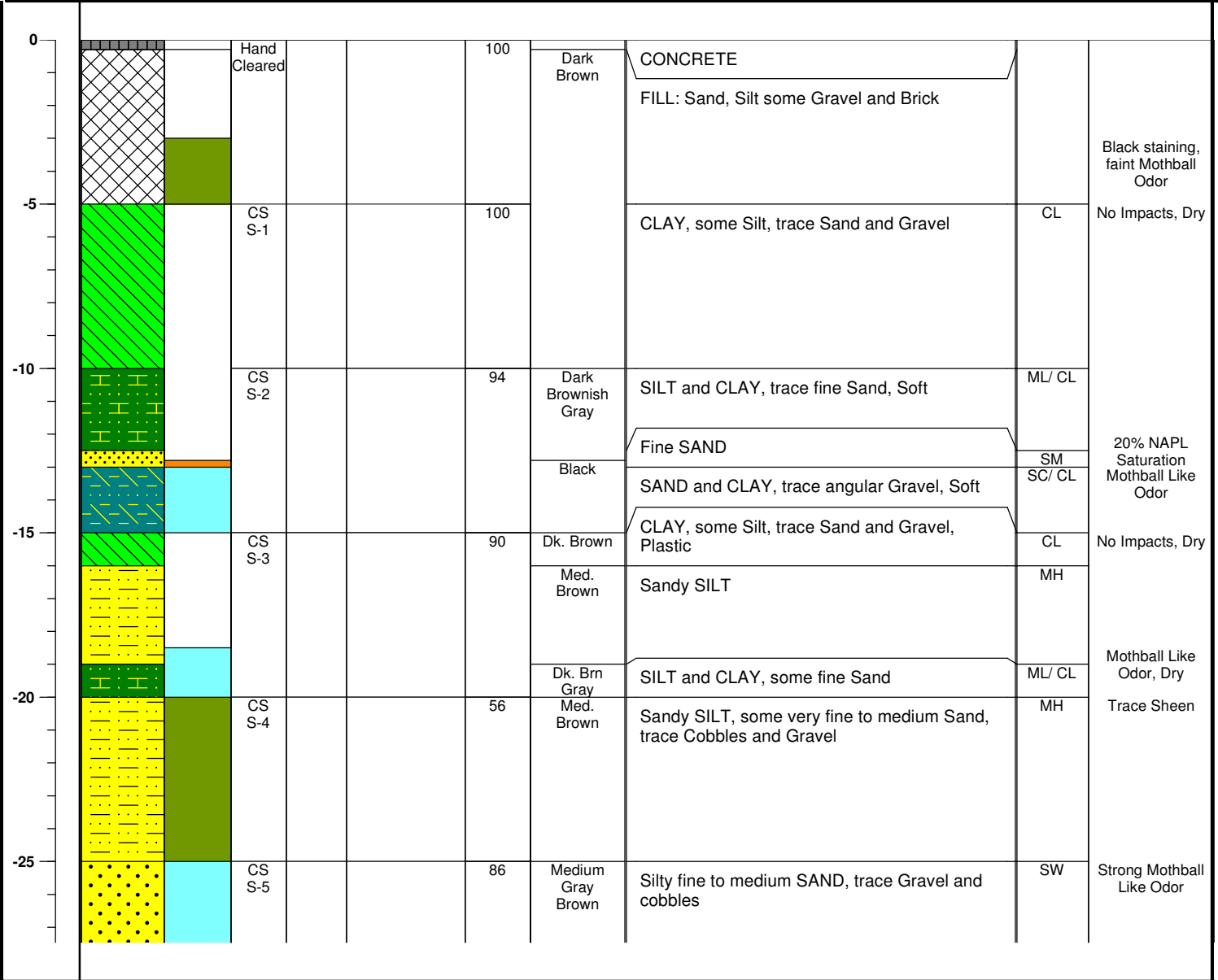
**DATE FINISHED:** 03/23/2017

**DRILLER:** Greg Rivera

**GEOLOGIST:** M. Dascoli

**REVIEWED BY:** Kevin Connare

DEPTH FEET	STRATA	VISUAL IMPACTS	SAMPLE			REC% RQD%	COLOR	MATERIAL DESCRIPTION	USCS	REMARKS
			"S" NO.	"N" NO.	BLOW COUNT					



**COMMENTS:**

NAPL = Non-Aqueous Phase Liquid

**BORING NO. :** NRW-11R

DEPTH FEET	STRATA	VISUAL IMPACTS	SAMPLE			REC%	COLOR	MATERIAL DESCRIPTION	USCS	REMARKS
			"S" NO.	"N" NO.	BLOW COUNT	RQD%				
-30						60	Dark Gray	CLAY, trace Gravel and Cobbles, Very Hard	CL	No Impacts
-35			CS S-6			92		Medium SAND, Soft	SP	50% Dark Brown NAPL Saturation
-40						100	Medium Brown	CLAY, trace Gravel and Cobbles, Very Hard	CL	No Impacts
-45			CS S-7			100	Dark Gray	Silty SAND, trace Gravel and Cobbles, Very Dense	SM	10% NAPL Saturation 41.5-42'. No Impacts 42-43.5'
-50						100		Very fine SAND, some-trace Silt	SP SM/ MH	
-55						100		Fine to medium SAND and SILT	CL SP	
-60			CS S-8			100	Dark Gray	CLAY, Very Dense	CL	NAPL Around Cobbles
-65			CS S-9			100	Grayish Brown	Very fine to fine SAND, some Silt and Clay, trace Gravel and Cobbles, Very Dense	CL	No Impacts
-70						100		CLAY, Very Dense		
-75			CS S-10			100	Dark Brown	Very fine to medium SAND, trace Silt and Gravel	SW	Trace Sheen
-80						100	Mottled Medium Red and Light Gray	CLAY, Very Hard	CL	No Impacts
-85								No sampling between 60-63'		

COMMENTS:

NAPL = Non-Aqueous Phase Liquid



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BORING NO. : NRW-11R

PROJECT/PROJECT LOCATION: National Grid - Williamsburg

SHEET: 3 OF 3

CLIENT: National Grid

JOB NO. : 60414000, 23

DEPTH FEET	STRATA	VISUAL IMPACTS	SAMPLE			REC%	COLOR	MATERIAL DESCRIPTION	USCS	REMARKS
			"S" NO.	"N" NO.	BLOW COUNT	RQD%				
-65								Bottom of borehole 63 ft bgs		
-70										
-75										
-80										
-85										
-90										
-95										

COMMENTS: \_\_\_\_\_  
 NAPL = Non-Aqueous Phase Liquid  
 \_\_\_\_\_  
 \_\_\_\_\_

BORING NO. : NRW-11R



# TEST BORING LOG

BORING NO. : NRW-09R

PROJECT/PROJECT LOCATION: National Grid - Williamsburg

SHEET: 1 OF 2

CLIENT: National Grid

JOB NO. : 60414000, 23

BORING CONTRACTOR: ADT/Cascade

NORTHING: 688892.07 EASTING: 641967.55

GROUNDWATER: 7.5' bgs

CAS. SAMPLER CORE TUBE

GROUND ELEVATION: 10.19

DATE	TIME	LEVEL	TYPE	TYPE		Sonic Drilling
None		None		DIA.		6"
				WT.		
				FALL		

DATE STARTED: 03/27/2017

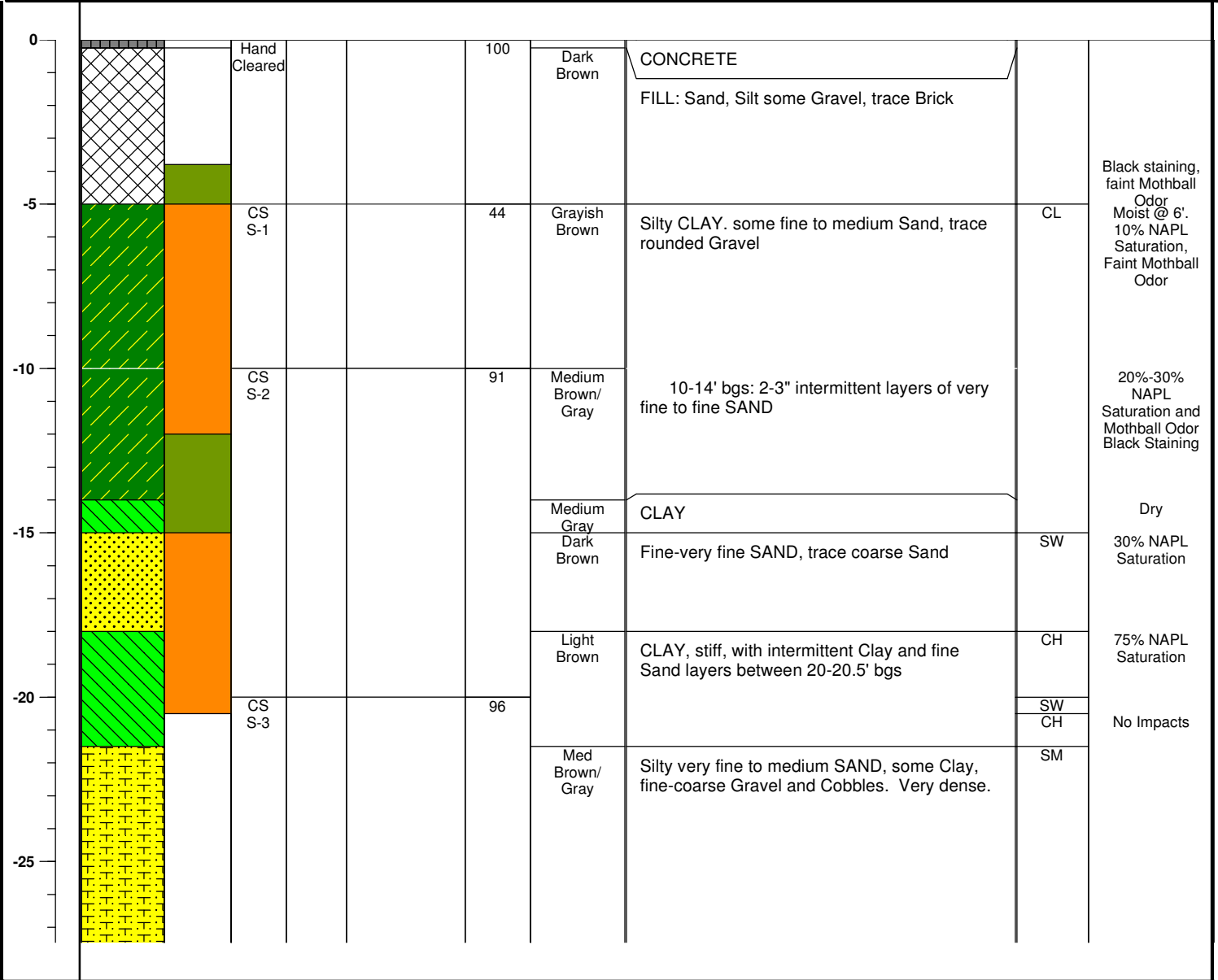
DATE FINISHED: 03/27/2017

DRILLER: Greg Rivera

GEOLOGIST: M. Dascoli

REVIEWED BY: Kevin Connare

DEPTH FEET	STRATA	VISUAL IMPACTS	SAMPLE			REC% RQD%	COLOR	MATERIAL DESCRIPTION	USCS	REMARKS
			"S" NO.	"N" NO.	BLOW COUNT					



COMMENTS:

NAPL = Non-Aqueous Phase Liquid

BORING NO. : NRW-09R

DEPTH FEET	STRATA	VISUAL IMPACTS	SAMPLE			REC%	COLOR	MATERIAL DESCRIPTION	USCS	REMARKS
			"S" NO.	"N" NO.	BLOW COUNT	RQD%				
-30						38	Dark Gray	CLAY, some Silt, trace fine-coarse Gravel and Cobbles. Very stiff.	CH	
			CS S-4							
-40						87.5	Medium Brown	Fine to very fine SAND, trace Silt	SP-SM	10% NAPL Saturation w/ Lenses of 50% NAPL Saturation
			CS S-5							
-45								Very fine to coarse SAND	SW	10% NAPL Saturation
								Very fine to medium SAND, some coarse Gravel		
-50						98	Dark Brown	Very fine to fine SAND, trace Silt	SP-SM	100% NAPL Saturation
								CLAY. Very stiff.	CH	No Impacts
-55							Medium Brown	SILT, trace fine Sand, with fine Sand lenses	MH	Mothball Odor @ 50' 50%-10% NAPL Saturation in Sand Lenses Begins @ 51'
			CS S-6					Fine SAND, trace Silt. Medium dense.	SP-SM	Mothball Odor. No Staining No Impacts
-60							Mottled Red & Brown	CLAY, very stiff	CH	
								Bottom of borehole 60 ft bgs		

COMMENTS:

NAPL = Non-Aqueous Phase Liquid