

Dc52-146

**LOG of BORING No. TB- 1**

Sheet 1 of 4

DATE 8/24/90 SURFACE ELEVATION 43.8 LOCATION N 579205 E 436048

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
0		9	SS	Medium dense to dense black silty fine sand and fine gravel size coke particles (4") becoming						
		18	SS	intermixed orange-brown silty medium to fine sand and black silty fine sand size coke particles,	39.8					
5		30	SS	moist (SM) (Fill)						
		22	SS	Medium dense to very dense orange-brown medium to fine sand, trace silt and fine gravel,						
		20	SS	moist (SW) (Columbia Fm.)						
10		15	SS							
		49	SS	- becoming wet						
15		24	SS							
		21	SS							
		25	SS							
20										
		16	SS	- becoming firm micaceous silty clay, moist (CH)	17.1	0.8-1.0	32.5	51	23	
25				Stiff to very stiff dark gray micaceous clay, moist (CH) (Merchantville Fm.)						
30		20	SS				35.0	66	24	
							32.8			
35		23	SS	- becoming glauconitic fine sandy silty clay (CL)		3.5	32.6			
40		22	SS			1.8-2.0				

Continued On Sheet 2

Completion Depth: 148.5 Ft. Water Depth: \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.  
 Project No.: 90C2108 \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.  
 Project Name: Star Enterprise \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.  
 Drilling Method: Mud Rotary \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

# LOG of BORING No. TB- 1

Sheet 2 of 4

DATE 8/24/90 SURFACE ELEVATION 43.8 LOCATION N 579205. E 436048

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
45		30	SS	Stiff to very stiff dark gray glauconitic fine sandy silty clay, moist (CL) (Merchantville Fm.)		2.5				
50		40	SS				25.0			
55		23	SS				2.0-2.5			
60		28	SS				27.3	43	22	
					-19.7		26.8			
65		47	SS	Dense light gray silty/clayey fine sand, wet (SC) (Potomac Fm.)			21.3	NP	NP	
70		61	SS	- becoming hard light gray, red-brown and red clay, moist (CL)						
					-31.2		4.0-4.3			
75		100/3"	SS	Very dense light gray fine sand, wet (SP)						
80		100/2"	SS							
85		100/2"	SS							
					-45.2					

Continued On Sheet 3

Completion Depth: <u>148.5 Ft.</u>	Water Depth: _____ ft., After _____ hrs.
Project No.: <u>90C2108</u>	_____ ft., After _____ hrs.
Project Name: <u>Star Enterprise</u>	_____ ft., After _____ hrs.
Drilling Method: <u>Mud Rotary</u>	_____ ft., After _____ hrs.

# LOG of BORING No. TB- 1

Sheet 3 of 4

DATE 8/24/90

SURFACE ELEVATION 43.8

LOCATION \_\_\_\_\_

N 579205

E 436048

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
90		72	SS	Very stiff to hard light gray, red and purple clay, moist (CL)		3.5-4.5	17.0	35	19	
95		92	SS				4.5			
100		74	SS				>4.5			
105		87	SS			>4.5				
110		69	SS	- as above but red-brown with olive-green and light gray streaks		3.8-4.3	24.0	42	24	
115		64	SS	Very stiff to hard gray clay interbedded with light gray fine sand, moist (CL)	-71.2	3.5-4.0				
120		79	SS							
125		89	SS					19.9		
130		63	SS			3.3-3.8				

Continued On Sheet 4

Completion Depth: 148.5 Ft.

Water Depth: \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Project No.: 90C2108

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Project Name: Star Enterprise

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Drilling Method: Mud Rotary

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

# LOG of BORING No. TB- 1

Sheet 4 of 4

DATE 8/24/90

SURFACE ELEVATION 43.8

LOCATION \_\_\_\_\_

N 579205

E 436048

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
135		100/3"	SS	- becoming interbedded orange-brown and light gray fine sandy clay (CL)						
140		113	SS				1.5-1.8	20.6		
145										
150		100/5"	SS	End of boring at 148.5 feet below surface.	-104.7					
155										
160										
165										
170										
175										

Completion Depth: 148.5 Ft.

Water Depth: \_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Project No.: 90C2108

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Project Name: Star Enterprise

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.

Drilling Method: Mud Rotary

\_\_\_\_\_ ft., After \_\_\_\_\_ hrs.