

Dc52-151

LOG of BORING No. TB- 7

Sheet 1 of 4

DATE 8/21/90 SURFACE ELEVATION 71.3 LOCATION _____

N 578266
E 435944

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
0										
23			SS	Very stiff brown silty clay, trace coarse sand (CL), intermixed with black silty fine sand size coke particles, moist (SM) (Fill)						
20			SS							
14			SS		65.3					
13			SS	Stiff olive-brown to brown silty clay with roots, moist (CL) (Columbia Fm.)		2.0				
9			SS			1.8-2.0				
8			SS		59.3					
23			SS	Dense to very dense orange-brown silty coarse to fine sand, trace fine gravel, wet (SM)						
20			SS							
20			SS							
38			SS							
30			SS							
34			SS	- becoming light brown						
61			SS							

Continued On Sheet 2

Completion Depth: 157.0 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- 7

Sheet 2 of 4

N 578266.
E 435944.

DATE 8/21/90 SURFACE ELEVATION 71.3 LOCATION _____

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
45		75	SS	See Sheet 1 For Description (Columbia Fm.)						
50		17	SS.	- becoming stiff fine sandy clay, moist (CL)						
					17.8					
55		18	SS	Stiff dark gray glauconitic fine sandy silty clay, moist (CL) (Merchantville Fm.)						
60		14	SS			1.8				
65		17	SS.							
70		19	SS							
75		18	SS			1.3-2.0				
80		24	SS			1.8				
85		27	SS							

Continued On Sheet 3

Completion Depth: <u>157.0 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- 7

Sheet 3 of 4

DATE 8/21/90 SURFACE ELEVATION 71.3 LOCATION _____

N 578266.
E 435944

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
90		29	SS	See Sheet 2 For Description (Merchantville Fm.)						
95		26	SS			2.0				
					-27.2					
100		75	SS	Very dense light gray clayey fine sand, wet (SC) (Potomac Fm.)						
105		64	SS	- with interbedded clay		3.8				
110		75	SS							
115		89/8"	SS							
					-48.7					
120		100/3"	SS	Very dense light gray fine sand, wet (SP)						
125		100/6"	SS							
130		100/5"	SS							

Continued On Sheet 4

Completion Depth: 157.0 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- 7

Sheet 4 of 4

DATE 8/21/90 SURFACE ELEVATION 71.3 LOCATION N 578266 E 435944

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
135		100/5"	SS	See Sheet 3 For Description (Potomac Fm.)						
140		100/3"	SS							
145		100/2"	SS	Very dense red-brown fine sand with occasional thin clay stringers (SP)	-73.7					
150		90	SS	Very stiff to hard red and purple becoming black clay, moist (CL)	-78.7		2.3-3.0			
155		71	SS	Very stiff dark gray lignitic fine sandy silty clay, moist (CL)	-83.7					
				End of boring at 157.0 feet below surface.	-85.7		3.0-3.5			
160										
165										
170										
175										

Completion Depth: 157.0 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.