

Drilling Log

Project Name Cessna						Boring No. D-10	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1305.5				Location		Total Footage 46.5'	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
HSA	6"	46.5'	-0-	9	0	See Remarks	
Drilling Co. Layne Western Company Inc.					Driller (s) Buck Blank		
Drilling Rig. ATV mounted CME 750					Type of Penetration Test Standard		
Date 11.25.86		To 11.25.86			Field Observer (s) M Eversman		

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Brown silty clay; Moist. Med. Plasticity. Trace of fine sand. Roots					Begin drilling @ 1:00p
2						
3						
4						
5	Dark Brown silty clay Moist. Low to Med Plasticity Stiff Trace of fine sand Roots		4 8 11	12/18		SS1
6						
7						
8	Red Brown clayey sand Moist. Med. Dense Sand is fine grained. Well sorted Thin gravel seam @ ~10.2'		6 18 13	12/18		SS2
9						
10						
11						
12						Changes from clay to sand @ ~10.6'
13						
14						

Drilling Log, continued

Project Name <u>Cessna</u>						Boring No. <u>D-10</u>	
Project No. <u>85-141-4-001</u>						Page <u>2</u> of <u>3</u>	
						Date <u>11-25-86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Red Brown sand Moist Sand is fine grained. Some coarse grained and medium grained gravel. Poorly Sorted. Dense.		8	16 18		SS3	
16			15				
17			16				
18							
19							
20	Red Brown sand as above Well sorted. Some cobble sized gravel present. Trace of clay Medium Dense		8	18 18		SS4	
21			8				
22			9				
23							
24							
25	as above. Wet Trace of clay. Gravel absent Dense		10	18 18		SS5	
26			20				
27			26				
28							
29							
30	Tan sand Fine to Coarse Grain Saturated. Some medium gravel		10	18 18		SS6	
31			25				
			26				

Drilling Log, continued

Project Name <u>Cessna</u>						Boring No. <u>D-10</u>	
Project No. <u>85-141-4-001</u>						Page <u>3</u> of <u>3</u>	
						Date <u>11-25-86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
32	Grades to a fine to v fine sand at tip of sample. Saturated Dense to v. dense				SS6		
33							
34							
35	Tan sand. Fine to Coarse Grain Saturated. Dense. Poorly Sorted		6				
36	Some medium sized gravel present. Traces of clay.		10		SS7	Sand came up augers 20' cleaned out with splitspoon.	
37			22				
38							
39							
40	as above. Medium dense		8				
41	Clay absent		11		SS8	Sand came up augers 3.5' cleaned out with	
42			13				
43						2" ϕ PVC screen 10' set to 44' Gravel collapsed 25.2' Bentonite Pellet Seal to 22'	
44						Grout slurry to surface	
45							
46	Gray clay, sandy. Wet Medium to high plasticity stiff Sand is fine grained		5		SS9		
47	Total Depth 46.5'		6				
			8			Completed @ 5:30p	

