

Drilling Log

Project Name Cessna						Boring No. D-31	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1309.1			Location See Boring Location Plan			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 11-24-86		To 11-24-86		Field Observer (s) M Eversman			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Red Brown clay Moist Med Plasticity					Begin drilling @ 9:00am
2						
3						
4						
5	Red Brown silty clay Low to Medium Plasticity.		4 6 5	6 18	SS1	
6	Dry to Moist Trace of fine gravel					
7	Roots. Gray Powder substance resembling concrete present					
8						
9						
10	Brown clayey sand. Moist.		5 5 7	14 18	SS2	
11	Sand is fine to v fine grained					
12	Trace of gravel, fine grained					
13						
14						

Drilling Log, continued

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						Date <u>11.24.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Brown sand. Moist. Medium Dense. Sand is fine to very fine grained. Well Sorted Trace of fine gravel		4	16 18		SS3	Thin interbedded clay layers.
16			6				
17			8				
18							
19							
20	as above		6	16 18		SS4	
21		8					
22		11					
23							
24							
25	Brown sand. as above		7	12 18		SS5	
26	Clay seam ~4" thick @ ~26' clay is moist, stiff		8				
27			9				
28							
29							
30	Brown sand as above. Saturated Thin interbedded clay layer at 25.5'			7		SS6	
				13			
				19			

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						Date <u>11.24.06</u>
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
	clay is sandy < 4" thickness				SS6	
32						
33						
34						
35			8	13		
36	Brown sand, gravel. Med dense. Saturated. Sand is fine to v. fine grained with medium gravel. Poorly sorted		12	18	SS7	Sand came up augers. Cleaned out with splitspoon
37			15			
38						
39						
40						
41	Brown sand and gravel. As above. Thin clayey sand, sandy clay layers < 4" thick at ~ 41' and 40.5'.		11	11	SS8	Sand came up augers.
42			16	18		
43			19			
44						Water level @ ~ 24' after drilling
45						2" φ PVC wellpipe
46	Brown coarse gravel Saturated Poorly sorted Some cobble sized gravel.		7	5	SS9	10' screen set to 44'. Gravel collapsed to 28' Bentonite Pellet seal to 21' Grout slurry to surface.
47			13	18		Completed @ 3:50p
	Total Depth 46.5'		17			

