

Drilling Log

Project Name Cessna						Boring No. D-11	
Project No. 85-141-4-001						Page 1 of 5	
Ground Elevation 1300.1			Location See Boring Location Plan			Total Footage 76.5'	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
Rotary Wash	6"	76.5'	0-	6	0	See Remarks	
Drilling Co. Layne Western Company Inc					Driller(s) Buck Blank		
Drilling Rig. ATV mounted CME					Type of Penetration Test Standard		
Date 11.18.86		To 11.19.86			Field Observer(s) M. Eversman		
Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks	
1	Red Brown silty clay Traces of gravel					Begin drilling at 9:30a	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
	Red Brown, Brown silty clay					No water level could be taken because of drilling method - wash bore	
	Brown sand. Fine to medium grained Poorly Sorted. Some gravel present						

Drilling Log, continued

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						Date <u>11.18.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss		Box or Sample No.	Remarks
15							
16	as above						
17							
18							
19	Brown sand. Fine to medium grained. Poorly sorted with gravel						
20							
21							
22	as above						
23							
24							
25							
26							
27							
28							
29	as above						
30							
31							

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						Date <u>11-18-86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss		Box or Sample No.	Remarks
32	Brown sand Fine to Medium grained. Poorly Sorted with some gravel present						
33							
34							
35							
36							
37							
38	as above						
39							
40							
41							
42							
43							
44							
45	as above						
46							
47							
48							

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						Date <u>11.18.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
49							
50	Brown sand. Loose Saturated		7				
51	Sand is medium coarse grain		5	18/18	SS1	The lower section of sample becomes more dense below gravel	
52	Sub rounded to sub angular		35				
	6" gravel seam. Medium to cobbly						
	Sand is poorly sorted. Gravel						
	seam appears at ~50.2'						
53							
54							
55	Brown sand. Dense Saturated		10	18/18	SS2		
56	Fine to v. fine grained,		14				
	Subrounded grains. Well sorted		58				
57							
58							
59							
60	as above. Some medium to		24	8/12	SS3	Only drove spoon 12"	
61	cobble sized gravel present.		50+				
62							
63							
64							
65							

Drilling Log, continued

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						Date <u>11.18.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
66	Lt Tan/White sand Fine to v. fine sand grains. Saturated. W. Sorted V Dense. Thin gray clay seams ~1" in thickness at 65.2'		51 50+	10" 10"	SS4	Drove spoon ~10"	
67							
68							
69							
70	as above		39 50+	9" 9"	SS5	Drove spoon ~9"	
71							
72							
73						Water level @ ~22' after drilling	
74							
75	as above. Trace of brown clay		26 50+	9" 9"	SS6	Drove spoon ~9"	
76						Completed drilling @ 5:00p 11.18.86	
77	Total Depth 76.5'					Resumed 8:30a 11.19. Reaming hole to 6"Ø Hole collapsed @ 45' preventing setting of pipe. Went back in and clean hole out Well set @ 74.9' 10' screen, 20' gravel pack, 4 ft bentonite pellet seal. Grout to surface	
	Completed well 4:00pm 11.19.86						

