

Drilling Log

Project Name Cessna						Boring No. D-2	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1310.4			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 12.2.86		To 12.2.86		Field Observer (s) M Eversman			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks	
1	Red Brown silty clay. Moist					Begin drilling @ 8:30 a	
2	Medium Plasticity. Trace of fine sand.						
3							
4							
5	Red Brown silty clay Moist		5 11 14	10/18			
6	Low to Medium Plasticity. stiff					551	
7	Trace of fine sand. Roots						
8							
9							
10	Red clayey Sand. Moist.		4 6 6	10/18			
11	Low Plasticity. Loose Sand is					552	
12	fine grained. Well sorted. Some gravel.						
13							
14							

Drilling Log, continued

						Boring No. D-2	
Project Name Cessna						Page 2 of 3	
Project No. 85-141-4-001						Date 12-2-86	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Tan Sand. Moist. Medium Density. Sand is fine to very fine grained. Well sorted. Some medium to coarse gravel present		8	14		SS3	A clay layer approx 1' thick @ 17'
16			13	14			
17			15				
18							
19							
20	Tan Sand. Medium to V fine grained Moist. Medium Density. Poorly sorted. Some medium gravel present. Thin clay layer approx 4-5" in thickness		4	15		SS4	
21			10	18			
22			10				
23							
24							
25	Tan Sand. Fine to V fine grained. Medium Density. Well Sorted. Traces of gravel Wet.		9	15		SS5	
26			9	18			
27			10				
28							
29							
30	as above. Gravel increases in amount Saturated.		7			SS6	Trace of clay
31			13				
			21				

Drilling Log, continued

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Project No. <u>85-141-4-001</u>						Page <u>3</u> of <u>3</u>	
						Date <u>12.2.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
32					556		
33							
34							
35	Tan Sand. Fine to Coarse Grained		10	15			
36	Dense Poorly Sorted Some coarse gravel present Saturated		11	18	557		
37			21				
38						No water levels taken because water added to hole. Water is approx 25' on rods	
39							
40	Tan sand. Fine to coarse grained. Poorly sorted. Coarse to cobble sized gravel present Saturated.		10	10	558		
41			15	18			
42			17			2" PVC screen set to ~44' Gravel pack to 26.9 Bentonite seal to 23. Grout Shumy to surface Completed @ 2:45p	
43							
44							
45	as above. Cobble sized gravel absent. Traces of yellow clay		16	5		Drake spoon 12'	
46			50+	18	559	There was clay evident on the bit used to wash hole.	
47	Total Depth 46.5'						

