

TOPOCK COMPRESSOR STATION NEW SURFACE IMPOUNDMENTS



Soil Boring Log - Monitoring Well MW-7

El.=628.1'

460,957.2N, 3,050,421.6E

Depth,(Ft.) 6-25-89

Sample No.

Description

Depth (Ft.)	Sample No.	Description
0		WELL GRADED GRAVEL WITH SILT AND SAND
3	7-1 629.1	Gray-brown, humid, silty, sandy gravel. Gravel to subangular 3". Young alluvial fan deposit.
4.5	7-2 623.6	POORLY GRADED SAND WITH SILT.
6.5	7-3 621.6	Brown, dry, medium coarse, slightly silty sand with small subangular gravel.
9	7-4 619.1	SILTY GRAVEL WITH SAND
10		Brown, humid, moderately silty gravel with sand. Gravels subangular to 2".
15		POORLY GRADED SAND WITH SILT. Tan, dry, medium coarse sand with gravel to 1". Loose.
20	7-5	
25	7-6	
30		SILTY GRAVEL WITH SAND
35		Gray-brown, silty gravel. Medium dense older alluvial fan deposit. Gravels silt coated. Gravels to 2-4" size.
37	7-7	
40	7-8 619.1	WELL GRADED GRAVEL WITH SILT AND SAND
		Gray-brown, humid, sandy silt with gravel. Gravels to 2-3".

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Sheet 2 of 5

Depth, (Ft.)	Sample No.	Description
40		
	7-9	WELL GRADED GRAVEL WITH SILT AND SAND
45		
46	582.1	
	7-10	SILTY GRAVEL WITH SAND Grayish-brown, humid, silty gravel. Moderately dense.
49	579.1	
50		
	7-11	WELL GRADED GRAVEL WITH SILT AND SAND Grayish-brown, humid, sandy gravel with silt. Moderately loose.
54.5	573.6	
55	7-12	SILTY GRAVEL WITH SAND Brown, humid to moist, silty gravel with sand, moderately firm.
60	568.1	
	7-13	WELL GRADED GRAVEL WITH SILT AND SAND Grayish-brown to brown, humid, sandy gravel with silt, moderately loose.
65		
	7-14	
70		
	7-15	
75		
80	7-16	

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Sheet 3 of 5

Depth, (Ft.)	Sample No.	Description
80		WELL GRADED GRAVEL WITH SILT AND SAND
84	544.1 7-17	
85		SILTY GRAVEL WITH SAND Grayish-brown, humid, silty gravel with sand. More gravelly and firmer.
	7-18	
90		89.5' large boulder.
	7-19	Gray-brown, humid, silty gravel with sand. Medium dense. Gravels silt coated.
95		
		96.0-96.2; 96.4-96.7' rocky zone.
100		
104	7-20 524.1	
105	7-21	WELL GRADED GRAVEL WITH SAND Grayish-brown, humid gravel with coarse sand and some silt.
110		
	7-22	
115	7-23 513.1	SILTY GRAVEL WITH SAND Gray-brown to gray, humid, silty gravel with sand.
120		

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Sheet 4 of 5

Depth, (Ft.)	Sample No.	Description
120		
	7-24	SILTY GRAVEL WITH SAND Gray-brown to gray, humid, silty gravel with sand. 123.5 - 124.3' large cobbles
125		
	7-25	131.0 - 131.6' cobble Grayish-brown to brown, humid, sandy gravel with silt.
130		
	7-26	139.5 - 139.9' cobble.
135		
	7-27	Brown, damp, humid, sandy silty gravel.
140		
	480.1	
145		
	7-28	WELL GRADED GRAVEL WITH SILT AND SAND Gray-brown, humid, slightly silty sandy gravel.
150		
	473.1	
155		
	7-29	SILTY GRAVEL WITH SAND Gray-brown, humid silty gravel with sand.
160		

FROM :

PHONE NO. :

OCT. 02 1997 09:20 AM P21

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Sheet 5 of 5

Depth.(Ft.)	Sample No.	Description
160	467.1	
161	7-30	SILTY SAND WITH GRAVEL Tan, humid silty sand with gravel.
165	469.1	
170		WELL GRADED GRAVEL WITH SAND 165.5-169.0' Large cobbles. Chips of fine grained boulder; fresh diorite. Chips at 167.8 are gneissic as well. (Two boulders?)
175	7-31	Moist silty gravel and cobbles.
174.6'	174.6'	Brown moist, silty gravel with sand.
176	6-26-89 6:30am 7-32	SILTY GRAVEL WITH SAND Nested large cobbles
180		
185	7-33	Brown, moist, silty gravel with sand. Very firm.
188	7-34 440.1	
188.0'		188.0' BOH