

TOPOCK COMPRESSOR STATION NEW SURFACE IMPOUNDMENTS

MW-5

Soil Boring Log - Monitoring Well MW-5

El.=632.6

460,601.2N, 3,050.677.8E

6-21-89

Depth, (Ft.)	Sample No.	Description
0	<u>632.6</u>	SILTY GRAVEL WITH SAND
5	5-1	Gray-brown, dry, slightly silty gravel. Subangular to 3" size. Predominantly metadiorite, quartz diorite, and gneiss. Older alluvial fan materials.
10		Slightly humid.
15	<u>617.6</u> 5-2	WELL GRADED GRAVEL WITH SILT AND SAND
20	5-3	Gray-brown, slightly silty gravel.
24	<u>608.6</u>	SILTY GRAVEL WITH SAND
25	5-4	Tan, humid, moderately silty gravel.
30	5-5	Gray-brown, humid, silty gravel.
35	<u>597.1</u>	WELL GRADED GRAVEL WITH SILT AND SAND
35.5	5-6	Grey brown, humid, slightly less silty gravel.
40		

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Depth, (Ft.)	Sample No.	Description
40	5-7	WELL GRADED GRAVEL WITH SILT AND SAND Tan-brown, moist\humid, silty gravel.
45 49.5	587.1	SILTY SAND WITH GRAVEL Slightly reddish brown, humid, medium fine silty sand with gravel.
50 50	582.6	5-8 SILTY GRAVEL WITH SAND Tan-brown, humid, silty gravel.
55 56	5-10 576.6	5-9 SILTY SAND WITH GRAVEL Brown, humid, fairly gravelly silty sand.
60		Brown, humid, medium coarse silty sand with occasional coarse gravel to 3" and abundant smaller, subangular gravel.
65	5-11	
69.5 70	563.1	5-12 SILTY GRAVEL WITH SAND Brown, humid slightly silty medium-fine gravel.
72	560.6	
74.5 75	5-13 558.1	SILTY SAND WITH GRAVEL Brown, silty sand with small gravel.
80		SILTY GRAVEL WITH SAND Brown, humid, silty gravel with sand.

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Depth, (Ft.)	Sample No.	Description
80		SILTY GRAVEL WITH SAND Brown, humid, slightly silty small gravel with sand.
85	5-14	
	5-15	
90	5-16	WELL GRADED GRAVEL WITH SILT AND SAND Brown, humid, silty gravel with sand.
95	5-17	Brown, humid, silty to sandy gravel.
100		
105	5-18	SILTY SAND WITH GRAVEL Brown, humid, silty sand with gravel.
110	5-19	WELL GRADED GRAVEL WITH SILT AND SAND Brown, humid, silty gravel with sand. Gravels to 3" - most 3/4 to 1-1/2".
115		
120		117' - large cobbles.

90

105

106.5

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Sheet 4 of 5

Depth, (Ft.)	Sample No.	Description
120	5-20	WELL GRADED GRAVEL WITH SILT AND SAND
125		
129	503.6	
130	5-21	SILTY SAND WITH GRAVEL Brown, humid, medium coarse slightly silty sand with gravel.
133.5	499.1	
135	5-22	WELL GRADED GRAVEL WITH SILT AND SAND Brown, humid, slightly silty gravel with sand.
140	5-23	
145	487.1	
145.5	5-24	SILTY SAND WITH GRAVEL Gray-brown, humid, medium coarse sand with gravel.
150		
155	5-25	Tan, humid, silty sand with sparse gravel. Firm.
160		

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Depth (Ft.)	Sample No.	Description
160		
161	476.6	
	5-26	SILTY GRAVEL WITH SAND Gray-tan, slightly moist silty gravel with sand. Gravels coated with silt.
165		
	5-27	Sandy gravel coated with reddish-brown silt. Somewhat moist. Firm.
170		
	5-28	Gray-brown, slightly moist fairly silty gravel with sand. Firm. Gravel silt-coated.
175		
	5-29	Gray-brown, moist, silty gravel with sand.
	177.9'	
180	6-22-89 7:05am	
	5-30	Gray-brown, moist, silty gravel with sand. Firm.
185		
186.5	447.1	
	5-31	SILTY SAND WITH GRAVEL Gray-brown to brown, moist, slightly silty coarse sand with gravel.
188		
188.0'	BOH	