

TOPOCK COMPRESSOR STATION NEW SURFACE IMPOUNDMENTS



Soil Boring Log - Monitoring Well MW-8

El.=624.7'

460,892.0N, 3,050,744.3E

Depth,(Ft.) 6-23-89 Sample No.

Description

Depth (Ft.)	Sample No.	Description
0		
0 - 3.5	8-1	<p>SP</p> <p>POORLY GRADED SNAD WITH GRAVEL Light brown, dry, medium sand with gravel to 1". Loose. Young alluvial fan deposit.</p>
3.5 - 8.5	8-2	<p>SM</p> <p>SILTY SAND WITH GRAVEL Gray-brown, dry silty sand with gravel to 3".</p>
8.5 - 16.5	8-3	<p>GM</p> <p>SILTY GRAVEL WITH SAND Gray-brown, dry, silty gravel with sand. Subangular to angular gravels to 3". Metamorphic gneiss and metadiorite. Older alluvial fan material.</p>
16.5 - 21.5	8-4	<p>SM</p> <p>SILTY SAND WITH GRAVEL Gray-brown, dry to humid, very gravelly, medium coarse silty sand.</p>
21.5 - 28.5	8-5	<p>GM</p> <p>SILTY GRAVEL WITH SAND Large cobble - metadiorite at 21.3 - 21.5' Gray-brown, dry to humid, fairly silty sandy gravel.</p>
28.5 - 30.5		<p>SW-SM</p> <p>WELL GRADED SAND WITH SILT AND GRAVEL Gray-ton, humid to dry, gravelly slightly silty medium coarse sand.</p>
30.5 - 35.5	8-6	<p>GM</p> <p>SILTY GRAVEL WITH SAND Gray-brown, humid, slightly silty sandy gravel. Gravels to 3-4" maximum.</p>
35.5 - 40	8-7	<p>SW - SM</p> <p>WELL GRADED SAND WITH SILT AND GRAVEL Gray-brown, dry, slightly silty gravelly sand.</p>

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Depth, (Ft.)	Sample No.	Description
40		
42.5	8-8	SILTY GRAVEL WITH SAND Gray-brown, humid, silty, sandy gravel.
45		
47.5	8-9	WELL GRADED GRAVEL WITH SILT AND SAND Brown, humid, slightly silty, quite sandy gravel.
50		
52.5	8-10	SILTY GRAVEL WITH SAND Brown, humid, silty gravel.
55		
57.5	8-11	SILTY SAND WITH GRAVEL Gray-brown, humid, fairly gravelly silty sand.
60		
62.5	8-12	SILTY GRAVEL WITH SAND Gray-brown, humid, sandy slightly silty gravel. Gravel to 3"
65		
67.5	8-13	SILTY SAND WITH GRAVEL Light brown, humid, slightly silty medium sand with sparse gravel.
70		
72.5	8-14	WELL GRADED GRAVEL WITH SAND Gray-brown, humid, slightly silty gravel. Gravel silt-coated.
75		
77.5	8-15	SILTY SAND WITH GRAVEL Brown to gray-brown, humid, silty sand with gravel.
80		

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Depth, (Ft.)	Sample No.	Description
80	8-16	SILTY SAND WITH GRAVEL Gray-brown, humid, silty sand with gravel. Gravel silt-coated.
85		SM
90	8-17	WELL GRADED GRAVEL WITH SILT AND SAND Gray-brown, humid, slightly silty sandy gravel. Gravels silt-coated.
		GW - GM
	8-18	SILTY SAND WITH GRAVEL Gray-brown, humid, slightly silty coarse sand with gravel.
95		SM
		SILTY GRAVEL WITH SAND Gray-brown, humid, silty gravel. Firm.
100		GM
	8-19	
105		SM
	8-20	SILTY SAND WITH GRAVEL Gray-brown, humid, medium coarse silty sand with gravel.
110		SM
	8-21	WELL GRADED GRAVEL WITH SILT AND SAND Gray-brown, humid, quite sandy silty gravel.
115		GW - GM
120	8-22	

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Depth, (Ft.)	Sample No.	Description
120		
125	8-23	SILTY SAND WITH GRAVEL Brown, humid, medium coarse silty sand with gravel.
130	8-24	SILTY GRAVEL WITH SAND Brown to gray-brown, humid, silty gravel. Firm.
135		
140		
145	8-25	WELL GRADED GRAVEL WITH SILT AND SAND Gray, humid, very slightly silty, sandy gravel. Firm.
150	8-26	WELL GRADED SAND WITH SILT AND GRAVEL. Gray-brown, humid, slightly silty sand with gravel.
155	8-27	WELL GRADED GRAVEL WITH SILT AND SAND Tan to gray, humid, slightly silty sandy gravel.
160	8-28	SILTY SAND WITH GRAVEL Brown, humid, silty sand with gravel.

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Depth, (Ft.)	Sample No.	Description
160	8-29	SILTY GRAVEL WITH SAND Brown, slightly moist to humid silty gravel with sand. Slightly increasing moisture.
165	8-30	WELL GRADED SAND WITH SILT AND GRAVEL. Brown, moist to slightly moist, gravelly silty sand.
166.5	8-31	WELL GRADED GRAVEL WITH SILT AND SAND Brown, moist, silty gravel. Firm.
170	6-24-89 6:30am	171.5-177' large cobbles/boulders.
175	8-32 8-33	
177		POORLY GRADED GRAVEL WITH SILT Brown, moist silty gravel.
179.4		

179.4' BOH