

Summary of Soil Test Data

Note: NP shown in Liquid Limit and Plasticity Index columns indicates that the material is non-plastic

Station & Offset	Depth From-To	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	% W.C.	SHTL Class.	
133+00 CL	0.7-5.0'	2	1	37	57	34	15	18	18	A-6a	
	5.0-8.0'	2	2	39	53	35	13	13	13	A-6a	
135+60 CL	0.8-5.0'	8	2	6	31	53	35	13	16	A-6a	
	5.0-10.0'	4	5	11	37	43	31	12	16	A-6a	
	10.0-23.0'	8	8	12	39	33	23	6	11	A-4a	
	23.0-30.0'	10	8	10	35	37	25	9	10	A-4a	
137+50 CL	0.8-4.0'	6	5	9	38	42	21	12	18	A-6a	
	4.0-10.0'	4	5	10	36	45	32	11	16	A-6a	
138+50 CL	0.0-5.0'	8	8	11	39	34	26	5	13	A-4a	
	5.0-8.0'	13	9	11	35	32	24	6	12	A-4a	
	8.0-17.0'	7	9	12	38	34	23	7	10	A-4a	
	17.0-28.0'	24	7	10	31	28	23	7	10	A-4a	
139+15 CL	0.8-4.5'	8	9	12	35	36	26	8	13	A-4a	
	4.5-7.0'	13	8	12	34	33	26	11	11	A-6a	
	7.0-15.0'	9	8	12	39	32	21	4	13	A-4a	
	15.0-27.0'	17	7	12	34	30	23	7	12	A-4a	
140+50 CL	0.8-4.0'	9	9	13	36	33	27	8	12	A-4a	
	4.0-7.0'	8	10	12	39	31	24	9	10	A-4a	
141+25 CL	0.0-2.0'	9	9	13	35	34	27	8	10	A-4a	
	2.0-14.0'	51	26	9	35	6	NP	NP	26	A-1a	
141+50 150' Lt.	0.4-1.5'	16	10	14	38	27	26	7	15	A-4a	
	1.5-10.0'	S	C	R	A	F	R	U	B	E	R
141+50 50' Lt.	0.8-2.0'	6	6	30	35	23	22	7	12	A-4a	
	2.0-6.0'	S	C	R	A	F	R	U	B	E	R
141+50 CL	0.0-3.0'	S	C	R	A	F	R	U	B	E	R
	3.0-5.0'	15	8	12	33	31	27	4	19	Visual	
	5.0-9.0'	14	8	11	39	28	25	7	13	A-4a	
141+50 75' Rt.	0.0-4.0'	11	9	13	39	28	27	12	10	A-6a	
	4.0-9.0'	10	10	12	38	30	23	7	11	A-4a	
	9.0-15.0'	12	9	12	36	31	23	8	12	A-4a	
142+35 CL	0.6-2.5'	0	2	25	43	30	25	11	15	A-6a	
	2.5-10.0'	55	16	12	14	3	NP	NP	19	A-1-b	
143+50 CL	1.5-5.0'	0	1	2	60	37	39	12	52	A-6a	
	5.0-9.0'	0	1	40	44	15	21	3	14	A-4a	
	9.0-10.0'	0	1	61	32	6	NP	NP	17	A-4a	
144+00 CL	0.8-3.0'	0	0	13	59	28	24	5	26	A-4b	
	3.0-3.0'	0	1	52	31	16	13	1	24	A-4a	
	8.0-10.0'	46	25	19	7	3	NP	NP	15	A-1-b	
147+00 CL	0.8-3.0'	0	1	6	61	32	32	12	25	A-6a	
	3.0-6.5'	0	0	10	62	27	29	7	25	A-4b	
	6.5-8.0'	0	0	65	22	13	NP	NP	24	A-3a	

Station & Offset	Depth From-To	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	% W.C.	SHTL Class.
151+00 CL	0.8-3.0'	0	0	20	53	27	4	19	19	A-4b
	3.0-6.0'	0	0	15	56	29	26	7	22	A-4b
	6.0-8.0'	0	0	31	51	18	21	5	21	A-4b
155+50 CL	0.8-5.0'	0	0	5	65	30	25	7	21	A-4b
	5.0-9.0'	0	4	40	38	18	18	4	20	A-4a
	9.0-13.0'	0	0	31	51	18	21	5	21	Shale
158+00 CL	0.8-3.0'	0	1	5	63	31	35	10	34	A-4b
	3.0-4.0'	0	1	1	57	41	33	12	36	A-6a
	4.0-5.0'	0	2	3	27	68	45	22	33	A-7-6
	5.0-6.0'	15	6	8	30	41	38	15	34	A-6a
163+10 CL	0.6-6.0'	66	17	10	5	2	NP	NP	6	A-1-a
	6.8-8.0'	40	39	10	8	3	NP	NP	16	A-1-b
166+50 CL	0.8-3.0'	0	1	21	57	21	28	7	33	A-4b
	3.0-6.0'	0	1	11	53	35	37	14	43	A-6a
	6.0-8.0'	50	16	22	8	4	21	5	16	A-1-b
169+00 CL	0.0-9.0'	0	1	39	40	20	21	5	19	A-4a
	3.0-4.5'	0	0	62	25	13	NP	NP	22	A-4a
	4.5-8.0'	41	10	34	9	6	NP	NP	22	A-1-b
172+00 CL	0.8-3.0'	0	0	14	61	28	5	27	27	A-4b
	3.0-5.0'	0	1	13	64	22	20	7	24	A-4b
	5.0-6.5'	55	19	18	6	2	NP	NP	13	A-1-a
175+00 CL	0.0-3.0'	0	2	43	38	17	18	5	16	A-4a
	3.0-5.0'	81	6	6	5	1	19	2	15	A-1-a
178+00 110' Rt.	0.8-5.0'	0	0	23	58	19	22	3	25	A-4b
	5.0-7.0'	11	13	46	22	8	NP	NP	18	A-3a
	7.0-9.0'	67	10	10	10	3	21	4	19	A-1-a
180+40 CL	0.0-5.0'	0	1	28	56	15	NP	NP	26	A-4b
	5.0-6.0'	60	25	5	7	3	NP	NP	13	A-1-a
	6.0-8.0'	0	0	21	54	25	24	7	27	A-4b
183+00 CL	0.0-3.5'	0	0	13	42	15	7	NP	NP	22
	3.5-6.0'	23	13	42	15	7	NP	NP	22	A-3a
	6.0-8.0'	0	0	21	54	25	24	7	27	A-4b
184+35 CL	0.8-7.0'	2	1	7	60	30	31	12	21	A-6a
	7.0-10.0'	2	2	7	60	30	31	12	21	A-4b
	10.0-14.5'	1	21	57	11	10	NP	NP	27	A-3a
	14.5-15.5'	7	13	11	45	24	26	9	13	A-4a
187+00 CL	0.8-4.0'	0	0	19	56	25	25	6	22	A-4b
	4.0-7.0'	0	0	35	48	17	24	5	34	A-4a
	7.0-8.0'	0	5	28	51	16	23	2	28	A-4b
	8.0-10.0'	40	19	20	16	5	NP	NP	37	A-1-b
190+00 CL	0.8-3.5'	0	0	29	50	21	25	6	31	A-4b
	3.5-6.0'	0	0	40	44	16	NP	NP	24	A-4a
	6.0-8.0'	28	36	20	12	4	NP	NP	15	A-1-b

Station & Offset	Depth From-To	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	% W.C.	SHTL Class.	
193+80 50' Lt.	0.4-6.0'	3	3	9	36	49	36	15	19	A-6a	
	6.0-10.0'	6	8	13	36	37	39	11	14	A-6a	
	10.0-15.0'	9	10	12	37	32	21	6	11	A-4a	
	15.0-20.0'	15	9	12	34	30	21	7	11	A-4a	
	20.0-24.5'	4	5	7	39	45	24	11	14	A-6a	
	24.5-27.0'	0	1	2	69	34	22	3	14	A-4b	
	27.0-28.0'	19	8	10	42	21	18	4	15	A-4a	
	Moisture Density	60.4-9.0'	13	8	11	34	34	27	11	17	A-6a
198+00 CL	0.4-5.0'	4	4	8	41	43	36	14	20	A-6a	
	5.0-9.0'	7	9	10	37	37	28	11	15	A-6a	
	9.0-15.0'	11	9	12	38	30	21	7	10	A-4a	
	15.0-20.0'	15	8	11	35	31	23	7	10	A-4a	
	20.0-23.5'	8	7	12	40	33	23	7	11	A-4a	
	23.5-28.0'	6	10	18	44	22	17	3	8	A-4a	
	Moisture Density	60.4-9.0'	13	8	11	34	34	27	11	17	A-6a
	Moisture Density	9.0-20.0'	9	9	12	37	33	23	8	11	A-4a
202+00 20' Rt.	0.4-4.5'	1	3	8	38	50	34	14	23	A-6a	
	4.5-9.0'	7	8	11	37	37	28	11	17	A-6a	
	9.0-15.0'	15	7	11	38	29	24	11	12	A-6a	
	15.0-20.0'	19	8	10	35	28	22	7	11	A-4a	
	20.0-25.0'	14	10	16	42	18	16	1	10	A-4a	
	25.0-28.0'	7	9	18	46	20	17	1	10	A-4a	
	Moisture Density	60.4-9.0'	13	8	11	34	34	27	11	17	A-6a
	Moisture Density	9.0-20.0'	9	9	12	37	33	23	8	11	A-4a
205+75 30' Rt.	0.4-5.0'	1	2	8	41	48	32	23	20	A-6a	
	5.0-9.5'	13	8	13	33	35	24	6	14	A-4a	
	9.5-15.0'	13	8	12	35	32	22	6	11	A-4a	
	15.0-22.0'	23	7	16	32	28	21	7	11	A-4a	
	22.0-25.0'	8	7	19	53	14	17	3	11	A-bb	
	Moisture Density	60.4-9.0'	13	8	11	34	34	27	11	17	A-6a
	Moisture Density	9.0-20.0'	9	9	12	37	33	23	8	11	A-4a
	Moisture Density	9.0-20.0'	9	9	12	37	33	23	8	11	A-4a
211+00 OL	0.8-6.0'	12	6	9	32	41	30	11	27	A-6a	
	6.0-8.0'	8	11	17	36	30	22	7	13	A-4a	
	8.0-17.0'	11	8	12	36	33	23	6	11	A-4a	
	17.0-23.0'	15	8	12	32	33	22	7	12	A-4a	
	Moisture Density	60.4-9.0'	13	8	11	34	34	27	11	17	A-6a
	Moisture Density	9.0-20.0'	9	9</							