

Appendix 7.1 Soil Auger Notes														
Auger No	Horizon A				Horizon B1				Horizon B2				Comments	
	Depth (cm)	Texture	Structure	Density	Depth (cm)	Texture	Structure	Density	Depth (cm)	Texture	Structure	Density		
1	35	M, SZL	M, MAB	M	35+	GRAVEL								
2	50	M, SZL	M, MAB	M	70	M, SCL-ZCL	M, M-CPR	M	70+	GRAVEL				
3	50	M, SZL	M, MAB	M	70	M, S-Z	M, CPR-M	M	70+	GRAVEL				
4	40	M, SZL	M, MAB	M	40+	GRAVEL								
5	40	M, SZL	M, MAB	M	65	M, S-Z	M, CPR-M	M	65+	GRAVEL				
6	45	M, SZL	M, MAB	M	95	M, S-Z	M, CPR-M	M	120	M, S-Z	M-S, C	M	Slight mottling B2	
7	35	M, SZL	M, MAB	M	95	M, S-Z	M, CPR-M	M	95+	GRAVEL				
8	35	M, SZL	M, MAB	M	95	M, S-Z	M, CPR-M	M	95+	F, S	W, CM	L-M		
9	45	M, SZL	M, MAB	M	45+	GRAVEL								
10	55	M, SZL	M, MAB	M	75	M, ZC-SC	M-S, CPR-M	M-H	75+	GRAVEL				
11	35	M, SZL	M, MAB	M	120	F-M, S	M, C-VCM	M						
12	50	M, SZL	M, MAB	M	120	F-M, S	W-M, C-VCM	M						
13	30	M, SZL	M, MAB	M	120	F-M, S	M-S, C-VCM	M						
14	40	M, SZL	M, MAB	M	75	M, ZC-SC	S, CPR	M-H	75+	GRAVEL				
15	60	M, SZL	M, MAB	M	110	M, ZC	M-S, CPR	M-H	120+	M, S	M, CPR-M	M		
16	65	M, SZL	M, MAB	M	120	M, S	M-S, C-VCPR-M	M						
17	50	M, SZL	M, MAB	M	120	M, S	W-M, C-VCPR-M	L-M						
18	35	M, CL	M, CPR	M-H	35+	LANDFILL MATERIALS								Slight mottling A
19	35	M, SZL	M, MAB	M	35+	STONY								
20	35	M, SZL	M, MAB	M	120	C, C	S, C-VCPR	M-H						Slight mottling B1
21	35	M, SZL	M, MAB	M	120	F-M, S	W, C-VCM	L-M						
22	35	M, SZL	M, MAB	M	55	M, ZCL	M-S, CPR	M	55+	GRAVEL				
23	35	M, SZL	M, MAB	M	50	M, ZCL	M-S, CPR	M	120	F-M, S	W, C-VCM	M		
24	35	M, SZL	M, MAB	M	60	M, ZCL	M-S, CPR	M	120	M, SCL	M, CPR	L-M		
25	35	M, SZL	M, MAB	M	85	M, ZCL	M-S, CPR	M-H	85+	GRAVEL				
26	35	M, SZL	M, MAB	M	65	M, ZCL	M-S, CPR	M	65+	GRAVEL				
27	35	M, SZL	M, MAB	M	35+	SAND AND GRAVEL								
28	35	M, SZL	M, MAB	M	120	F-M, S	W-M, C-VCM	L-M						
29	35	M, SZL	M, MAB	M	60	C, SCL	M, CPR-AB	M	75+	GRAVEL				
30	45	M, SZL	M, MAB	M	65	M, SZL	M, CPR	M	65+	GRAVEL				
31	35	M, SZL	M, MAB	M	80+	M-C, SL	M, CPR-M	M						Gravelly
32	50	M, SZL	M, MAB	M	80	M, SZL	M, CPR	M	80+	GRAVEL				
33	35	M, SZL	M, MAB	M	60	M, SCL	M, CPR	M	100	C, SC	M, CPR-M	M		
34	35	M, SZL	M, MAB	M	60	M, SCL	M, CPR	M	60+	C, S				Gravelly
35	35	M, SZL	M, MAB	M	90	M, SC	M, CPR-M	M	100	C, S				Gravelly
36	20	M, SZL	M, M-CAB	M	80	M, SC-ZC	M, C-VCPR-M	M	100	M, SC	M, CPL-M	M		Laminated clay at base
37	30	M, SZL	M, MAB	M	60	M, SCL	M, CPR	M	60+	C, S				Gravelly
38	35	M, SZL	M, MAB	M	80	M, ZCL	M, CPR	M	80+	Sand and gravel				Water at base
39	45	M, ZCL	M, MAB	M	85+	M-C, SC-S	M, CM	L-M						
40	25	M, ZCL	M, MAB	M	55	M, ZCL	M, CPR	M	65+	C, S				Gravelly
41	35	M, ZCL	M, MAB	M	65	M, SC-ZCL	M, CPR-M	M	85+	C, S	M-S, VCSG	M		Gravelly
42	70	M, CL	S, CPR	M-H	85+	M, C	S, CPR-M	M-H						
43	65	M, CL	M, CPR	M	85	M, SC	M, CPR	M						B1 mottled
44	35	M, CL	M, CPR	M	90	M, CL	M-S, C-VCPR	M-H						B1 mottled
45	120	M, ZCL-C	M-S, C-VCPR	M-H										Gleyed at 115cm
46	120	M, ZCL-C	M, C-VCPR	M										Wet at 110cm, mottled
47	120	M, ZCL-C	M, C-VCPR	M										Wet at 110cm, mottled
48	35	M, ZCL-CL	M, CAB	M	120	M, C	M-S, C-VCPR	M						Wet at 60cm, B1 mottled
49	20	M, ZCL	M, M-CAB	M	55	M, SC	M, M-CPR	M	120	M, C	M-S, C-VCPR	M		B2 mottled
50	20	M, ZCL	M, MAB	M	60	M, CL	M, CPR	M	100+	M, C	M, CPR	L		B1&2 mottled
51	35	M-C, ZCL	M, M-CAB	M	100	M, C-CL	M-S, CPR	M						B1 mottled
52	45	M, ZCL	M, M-CPR	M	100+	M, C	M-S, CPR	M-H						B1 mottled

KEY

Texture

F = fine
M = medium
C = coarse

Structure

W = weak
M = moderate
S = strong

Density

L = low
M = medium
H = high

followed by

C = clay
S = sand
Z = silt
CL = clay loam
SC = sandy clay
SL = sandy loam
ZC = silty clay
SZL = sandy silty loam
ZCL = silty clay loam
SCL = sandy clay loam

followed by

F = fine
M = medium
C = coarse
VC = very coarse
M = massive
PL = planar
PR = prismatic
AB = angular blocky
SG = single grains