

APPENDIX A

Site-Specific Soil Parameters

Sample ID	Depth (ft)	Soil water-filled porosity ¹	Dry Bulk Density ² (g/cc)	Wet Bulk Density ³ (g/cc)	Percent Moisture ⁴ (g water/g soil)	Weight % Silt ⁵
RSAL6-0.5BSPLP	0.5	0.315	1.71	2.02	18.4	12.4
RSAU5-0.5BSPLP	0.5	0.084	1.78	1.86	4.7	11.7
RSAR3-0.5BSPLP	0.5	0.166	1.73	1.90	9.6	13.4
SA56-10BSPLP	10	0.134	1.69	1.82	7.9	8.9
RSAM3-10BSPLP	10	0.145	1.59	1.74	9.1	9.1
SA166-10BSPLP	10	0.100	1.72	1.82	5.8	8.6
SA182-10BSPLP	10	0.182	1.74	1.92	10.4	6.9
RSAJ3-10BSPLP	10	0.154	1.77	1.92	8.7	15.1
RSAI7-10B	10	0.138	1.66	1.80	8.3	NA
SA34-10BSPLP	10	0.169	1.74	1.91	9.7	11.6
RSAQ8-10BSPLP	10	0.148	1.70	1.84	8.7	10.0
RSAN8-10BSPLP	10	0.189	1.68	1.87	11.3	5.4
RSAQ4-10BSPLP	10	0.141	1.84	1.98	7.7	12.8
SA148-10BSPLP	10	0.119	1.76	1.88	6.7	10.8
SA30-9BSPLP	9	0.160	1.80	1.96	8.9	9.8
SA128-10BSPLP	10	0.156	1.65	1.81	9.4	11.6
SA102-10BSPLP	10	0.135	1.77	1.90	7.7	13.0
SA64-10BSPLP	10	0.148	1.72	1.86	8.6	13.0
Mean		0.155	1.73	1.88	9.0	10.8

Notes:

1: As measured according to ASTM D 2216

2: As measured according to ASTM D 2937

3: Calculated from dry bulk density & water-filled porosity

4: As measured according to ASTM D 2216

5: As measured according to ASTM D 422