

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
AMOR											
060926-T02 (650552 E, 5190223 N)											
<i>Ap</i>	0	6	1.12	0.37		0.16	26.3	25	48.7	L	17
<i>Bw</i>	6	13	0.52	0.25		2.63	27.5	23.8	48.7	CL	13.4
<i>Bk</i>	13	24	0.33	0.37		1.69	26.3	18.8	54.9	SiL	14.7
<i>Cr</i>	24	60	0.66	1.44		1.1	17.5	22.5	60	SiL	19.4
060927-T01 (648058 E, 5188429 N)											
<i>A</i>	0	7	0.65	<0.2		3.24	17.5	46.3	36.2	L	9.6
<i>Bw</i>	7	11	0.29	<0.2		2.05	20	48.8	31.2	L	11.6
<i>Bt1</i>	11	24	0.26	0.25		1.9	25	31.3	43.7	L	1
<i>Bt2</i>	24	36	0.47	0.63		1.88	32.5	23.8	43.7	CL	3.6
ARNEGARD											
060920-T01 (649941 E, 5190106 N)											
<i>A</i>	0	9	0.49	<0.2		<0.1	23.8	20	56.2	SiL	9.3
<i>Bw1</i>	9	21	0.5	0.56		0.1	31.3	15	53.7	SiCL	8
<i>Bw2</i>	21	36	0.72	1.42		0.19	33.8	15	51.2	SiCL	6.1
<i>C1</i>	36	47	0.97	2.16		0.22	35	22.5	42.5	CL	10.8
<i>C2</i>	47	60	2.66	3.12		0.23	37.5	18.8	43.7	SiCL	8.8
061015-S05 (647859 E, 5192624 N)											
<i>A</i>	0	8	0.67	0.25		5.8	27.5	7.5	65	SiCL	3
<i>Bw</i>	8	18	0.56	0.31		3.32	27.5	12.5	60	SiCL	10.1
<i>Bk</i>	18	27	0.62	0.75		1.99	21.3	27.5	51.2	SiL	19.3
<i>Ck</i>	27	55	1.83	2.82		2.19	30	10	60	SiCL	7.6
061016-S29 (650883 E, 5188242 N)											
<i>Ap</i>	0	7	0.57	0.21		2.96	31.3	23.8	44.9	CL	9.8
<i>Bw (Bt)</i>	7	17	0.57	0.14		2.46	33.8	21.3	44.9	CL	6.8
<i>Bk1</i>	17	37	0.38	0.2		1.81	31.3	28.8	39.9	CL	8.5
<i>Bk2</i>	37	58	0.5	2.16		1.48	41.3	16.3	42.4	SiC	6.6
061016-S30 (650449 E, 5188409 N)											
<i>Bw</i>	15	29	0.40	0.60							
<i>Bk</i>	29	37	0.44	0.86							
<i>C</i>	37	53	0.63	4.76							
070513-S04 (650156 E, 5186406 N)											
<i>Bw2</i>	27	36	1.24	6.58							
<i>Bk</i>	36	46	1.23	11							
<i>C</i>	46	54	2.83	14.3							

¹ EC = Electrical Conductivity² mmhos/cm = millimhos per centimeter³ SAR = Sodium Adsorption Ratio⁴ s.u. = Standard Units⁵ O.M. = Organic Matter⁶ V.F. Sand = Very Fine Sand

% = Percent

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LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
CABBA											
060822-T08 (646470 E, 5190725 N)											
<i>Ap</i>	0	6	1.06	0.24		2.11	22.5	17.5	60	SiL	9.2
<i>Bk</i>	6	12	1.04	4.52		0.84	17.5	12.5	70	SiL	11.4
<i>Cr1</i>	12	33	0.91	2.55		1.08	22.5	13.8	63.7	SiL	10.9
<i>Cr2</i>	33	60	6.54	10.5		0.88	30	10	60	SiCL	9.4
070501-T04 (651258 E, 5191300 N)											
<i>Ap</i>	0	6	1.04	0.08	7.4	4.5	18.8	31.3	49.9	L	6.7
<i>Bk</i>	6	12	0.54	0.12	7.6	2.9	18.8	31.3	49.9	L	7.7
CHAMA											
070425-T01 (646155 E, 5190290 N)											
<i>Ap</i>	0	7	1.09	0.17	7.5	4.2	30	18.8	51.2	SiCL	7.8
<i>Bk1</i>	7	18	0.56	0.44	7.9	2	31.3	7.5	61.2	SiCL	5.7
<i>Bk2</i>	18	24	0.62	1.7	8	1.7	36.3	10	53.7	SiCL	9.2
<i>Cr</i>	24	60	8.65	17	8.3	0.7	32.5	8.8	58.7	SiCL	7.9
070523-T02 (647922 E, 5188126 N)											
<i>A</i>	0	6	0.87	0.08							
<i>Bk1</i>	6	15	0.45	0.1							
<i>Bk2</i>	15	21	0.37	0.27							
DAGLUM											
060822-T02 (647485 E, 5190445 N)											
<i>Btn</i>	10	17	1.3	11							
<i>Bkn1</i>	17	30	NA	16.4							
<i>Bkn2</i>	30	43									
<i>C</i>	43	60	15.6	18.5							
070511-S31 (650263 E, 5185668 N)											
<i>Ap</i>	0	6	0.87	0.53							
<i>Bt</i>	6	14	0.94	2.23							
<i>Btkn</i>	14	23	0.31	16							
<i>Bky</i>	23	35	0.55	2.72							
<i>C</i>	35	51	6.3	24.6							
DOGTOOTH											
060822-T03 (647504 E, 5190261 N)											
<i>E/Btn1</i>	0	10	7.02	12.6							
<i>Btn2</i>	10	22	8.9	16.1							
<i>Cr</i>	22	40	8.98	22.1							

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%= Percent

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Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060927-S01 (647925 E, 5189391 N)											
<i>A/E</i>	0	4	1.05	8.44		4.21	40	10	50	SiCL	6.2
<i>Btn</i>	4	10	7.54	10.9		2.4	48.8	5	46.2	SiC	3.3
<i>Btn</i>	10	16	11	15.2		2.1	66.3	5	28.7	C	0.6
<i>BCy</i>	16	24	8.8	14.9		1.58	51.3	12.5	36.2	C	11.7
061006-T01A (650543 E, 5187364 N)											
<i>Ap2</i>	0	4	2.17	13.00							
<i>Bky1</i>	4	17	15.00	19.70							
<i>Bky2</i>	17	23	17.50	22.00							
<i>Cr1</i>	23	30	14.70	18.90							
FARLAND											
070427-T05 (647135 E, 5191482 N)											
<i>Bk1</i>	14	28	0.84	3.18							
<i>Bk2</i>	28	42	4.99	7.84							
<i>C</i>	42	60	10.1	8.97							
GRAIL											
060929-S53 (650443 E, 5189164 N)											
<i>Ap</i>	0	9	0.67	0.97		4.26	28.8	11.3	59.9	SiCL	5
<i>Bt</i>	9	21	0.65	4.39		3.2	42.5	13.8	43.7	SiC	9.6
<i>Bk</i>	21	34	0.75	6.65		3.2	45	5	50	SiC	4
<i>Ck</i>	34	57	2.57	18.5		1.74	30	26.3	43.7	CL	11.6
060930-S11 (650969 E, 5190080 N)											
<i>Ap/E</i>	0	9	1.77	0.68		4.11	30	12.5	57.5	SiCL	5.4
<i>Bt</i>	9	20	0.98	2.71		3.73	40	10	50	SiCL	5.7
<i>Btk</i>	20	32	1.07	6.27		3	37.5	13.8	48.7	SiCL	10.5
<i>Bkn</i>	32	40	1.82	12.6		2.63	40	11.3	48.7	SiCL	8.4
<i>Ck</i>	40	57	8.56	13.9		2.15	37.5	13.8	48.7	SiCL	8.6
061005-S17 (652126 E, 5190098 N)											
<i>A</i>	0	10	0.54	0.2		3.74	35	18.8	46.2	SiCL	7.4
<i>Bt</i>	10	19	0.31	0.24		3.17	42.5	21.3	36.2	C	11.6
<i>Bk</i>	19	26	0.46	0.36		2.85	33.8	36.3	29.9	CL	4.2
<i>BCK2</i>	26	41	0.4	0.29		2.02	40	8.8	51.2	SiCL	5.5
070513-S20 (649335 E, 5185389 N)											
<i>Bt</i>	10	21	0.75	4.26							
<i>Bkyn1</i>	21	31	2.2	9.42							
<i>Bkyn2</i>	31	45	7.96	11.1							
<i>BCy</i>	45	60	12.6	18.7							

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Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
070516-S01 (649357 E, 5186061 N)											
<i>Ap</i>	0	7	0.91	0.54	7.4	4.8	30	20	50	SiCL	13.1
<i>A2</i>	7	14	0.59	0.83	7.6	3.7	31.3	18.8	49.9	SiCL	14
<i>AB</i>	14	24	0.94	1.91	7.5	3.7	33.8	15	51.2	SiCL	11.2
<i>Bt</i>	24	34	INSF	5.07	7.8	3.8	42.5	15	42.5	SiC	13.3
<i>Bky</i>	34	49	0.98	8.26	8	3.2	43.8	20	36.2	C	18
<i>Cy</i>	49	60	INSF	13.9	7.7	3.2	41.3	12.5	46.2	SiC	9.9
HARRIET											
070425-T02 (646360 E, 5191518 N)											
<i>A</i>	0	7	32.4	42.6	8.1	3.2	35	10	55	SiCL	7.2
<i>Bt</i>	7	21	52.9	51.1	8.3	0.8	40	12.5	47.5	SiCL	10.1
<i>Cg1</i>	21	34	22.3	36.1	8.5	0.3	50	13.8	36.2	C	11.8
<i>Cg2</i>	34	47	18.2	34.7	8.5	0.5	48.8	12.5	38.7	C	10.7
<i>Cg3</i>	47	60	14.4	27.7	8.1	0.8	45	10	45	SiC	8.5
070511-S34 (650285 E, 5186136 N)											
<i>Ap</i>	0	6	0.99	10.9	7.3	5.3	36.3	17.5	46.2	SiCL	12.1
<i>AB</i>	6	17	3.9	10.1	7.8	3.8	36.3	18.8	44.9	SiCL	12.5
<i>Btky</i>	17	29	INSF	30.1	8.5	2.4	46.3	10	43.7	SiC	7.3
<i>Ck</i>	29	49	10.3	27.1	8.2	0.5	26.3	10	63.7	SiL	8.7
HAVRELON											
061010-T05 (650700 E, 5185734 N)											
<i>Ap</i>	0	7	0.85	0.42		3.5	26.3	13.8	59.9	SiL	8
<i>C1</i>	7	50	1.53	16.3		2.32	18.8	5	76.2	SiL	4
<i>C2</i>	50	60	3.66	29.7		3.01	56.3	7.5	36.2	C	6.6
070511-S32 (650473 E, 5185523 N)											
<i>A</i>	0	9	0.71	1.53	7.6	5.3	18.8	21.3	59.9	SiL	15.5
<i>Bk(n)</i>	9	23	1.89	19.8	8.1	5.4	40	13.8	46.2	SiCL	13
<i>C</i>	23	47	5	34.9	8.2	3.3	23.8	21.3	54.9	SiL	16.8
HOVEN											
061006-S41 (648670 E, 5191811 N)											
<i>Ayz</i>	0	8	12	27.6		3.77	51.3	5	43.7	SiC	0.3
<i>Btyz</i>	8	25	12.8	26.7		2.48	66.3	5	28.7	C	3.2
<i>Byz</i>	25	40	21.2	31.1		2.39	37.5	20	42.5	SiCL	10.8
<i>C/Cr</i>	40	54	12.5	21.1		1.31	22.5	20	57.5	SiL	14.5

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Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
JANESBURG (taxadjunct)											
060822-T07 (646633 E, 5190830 N)											
<i>Ap</i>	0	6	0.91	1.51							
<i>Btn</i>	6	20	0.78	9.54							
<i>Bkn</i>	20	36	7.68	14.9							
<i>Cr</i>	36	60	10.1	17							
LALLIE											
060929-T04 (651089 E, 5188875 N)											
<i>A</i>	0	9	1.21	3.34		5.54	58.8	2.5	38.7	C	<0.1
<i>Bt</i>	9	19	0.94	2.9		3.11	56.3	0	43.7	SiC	<0.1
<i>2Cg</i>	19	27	1.09	2.74		1.68	38.8	5	56.2	SiCL	3.2
<i>3C1</i>	27	43	1.27	2.66		2.05	46.3	10	43.7	SiC	7.4
<i>3C2</i>	43	60	1.79	2.1		2.07	42.5	7.5	50	SiC	3.6
LAWTHER											
060924-S42 (649720 E, 5191599 N)											
<i>Ap</i>	0	6	0.7	0.22	6.7	3.5	43.8	10	46.2	SiC	
<i>A</i>	6	10	0.53	0.27	7.5	2.52	46.3	13.8	39.9	C	
<i>Bt</i>	10	18	0.4	0.37	7.8	2.55	42.5	18.8	38.7	C	
<i>Bk</i>	18	31	0.53	1.14	7.8	3.14	48.8	6.3	44.9	SiC	
<i>Bky</i>	31	54	1	5.78	8.1	2.9	46.3	8.8	44.9	SiC	
<i>C</i>	54	60	3.14	5.35	8.4	1.82	46.3	13.8	39.9	C	
060925-S03 (650152 E, 5191607 N)											
<i>Ap/Btk</i>	6	10	0.89	4.54							
<i>Btk1</i>	10	18	2.61	5.76							
<i>Btk2</i>	18	28	6.63	7.13							
<i>Bky</i>	28	42	7.67	9.75							
<i>BCy</i>	42	55	7.37	10.2							
060926-T01 (648862 E, 5188939 N)											
<i>Ap</i>	0	6	1.06	0.2		0.28	33.8	27.5	38.7	CL	12.4
<i>Bt</i>	6	13	0.47	0.24		0.38	46.3	25	28.7	C	16.2
<i>Bk</i>	13	28	0.5	0.88		0.33	50	18.8	31.2	C	12.2
<i>Bky</i>	28	41	1.53	4.77		0.36	50	15	35	C	9.8
<i>C</i>	41	60	7.27	6.67		0.42	50	11.3	38.7	C	6.3
060926-T02A (649298 E, 5188980 N)											
<i>B</i>	6	11	0.41	0.32							
<i>Bky1</i>	11	25	0.43	0.57							
<i>Bky2</i>	25	36	0.63	0.9							
<i>Bky3</i>	36	48	3.96	0.94							
<i>C</i>	48	60	4.11	1.26							

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Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060928-S01 (648782 E, 5189905 N)											
<i>Ap</i>	0	9	0.65	0.59		2.92	52.5	6.3	41.2	SiC	5.2
<i>Bt</i>	9	26	0.52	1.96		2.15	56.3	0	43.8	SiC	<0.1
<i>Bky</i>	26	45	4.17	3.78		1.77	48.8	0	51.2	SiC	<0.1
<i>BCKy</i>	45	57	6.22	12.4		1.43	40	3.8	56.2	SiCL	3.5
060928-T02 (649883 E, 5189623 N)											
<i>Bt</i>	7	23	0.58	1.17							
<i>B</i>	23	33	0.66	2.49							
<i>Bk</i>	33	47	0.76	3.85							
<i>C</i>	47	60	1.08	5.3							
060928-T03 (649877 E, 5189916 N)											
<i>Bt</i>	6	14	0.98	2.58							
<i>Bk</i>	14	28	4.16	4.85							
<i>Bky</i>	28	38	1.51	8.12							
<i>C</i>	38	60	7.55	6.28							
060929-S40 (650665 E, 5189649 N)											
<i>Ap</i>	0	6	1.07	1.63		4.95	46.3	7.5	46.2	SiC	2.9
<i>Bt</i>	6	13	0.84	5.86		3.76	53.8	6.3	39.9	C	3.8
<i>Btk</i>	13	22	0.91	8.69		3.38	57.5	3.8	38.7	C	2.1
<i>Bk</i>	22	28	6.04	9.47		3.09	60	3.8	36.2	C	3
<i>Bky</i>	28	36	8.63	11.2		3.18	61.3	6.3	32.4	C	5.6
<i>Bcy</i>	36	58	10.8	13.1		2.45	61.3	6.3	32.4	C	5.7
060929-T01 (649703 E, 5189999 N)											
<i>Ap</i>	0	7	0.48	0.41		3.47	41.3	3.8	54.9	SiC	1.8
<i>Bt</i>	7	11	0.46	0.29		2.62	40	7.5	52.5	SiCL	7
<i>Bk</i>	11	23	0.5	0.48		2.34	37.5	11.3	51.2	SiCL	11.1
<i>Bkl</i>	23	36	0.5	1.87		2.2	40	13.8	46.2	SiCL	9.4
<i>Bk2</i>	36	48	1.4	7.04		2.26	38.8	21.3	39.9	CL	10.1
<i>C</i>	48	60	3.48	7.05		2.4	53.8	1.3	44.9	SiC	0.5
060929-T02 (650430 E, 5189998 N)											
<i>Ap</i>	0	7	0.9	0.3		3.9	40	6.3	53.7	SiCL	4.1
<i>Bt</i>	7	13	0.53	0.25		3.45	43.8	6.3	49.9	SiC	5.2
<i>Bky1</i>	13	33	0.61	2.7		2.47	41.3	10	48.7	SiC	8
<i>Bky2</i>	33	41	2.69	8.14		2.47	47.5	6.3	46.2	SiC	5.3
<i>Bky3</i>	41	60	1.62	12.9		1.47	51.3	2.5	46.2	SiC	1.8

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LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
061005-T01 (649717 E, 5186936 N)											
<i>Bk</i>	10	21	0.58	2.81							
<i>Bky1</i>	21	33	0.87	7.86							
<i>Bky2</i>	33	46	1.92	10.6							
<i>Bky3</i>	46	60	8.44	10.6							
061006-T02A (650620 E, 5187619 N)											
<i>Bt</i>	6	10	0.76	0.40							
<i>Bk1</i>	10	19	0.49	0.54							
<i>Bk2</i>	19	29	1.09	2.18							
<i>Bk3</i>	29	45	1.94	4.47							
<i>Cr</i>	45	60	9.22	9.48							
061009-T02 (650770 E, 5186705 N)											
<i>Ap</i>	0	6	0.68	0.17		3.64	41.3	15	43.7	SiC	10.2
<i>Bt</i>	6	13	0.58	0.78		3.26	45	16.3	38.7	C	12.4
<i>Bk</i>	13	27	1.77	7.38		2.27	48.8	10	41.2	SiC	6.8
<i>Bky</i>	27	40	9.1	10.9		1.93	48.8	7.5	43.7	SiC	5.1
<i>C</i>	40	60	13.6	13.1		1.99	50	8.8	41.2	SiC	5.8
061015-S11 (648299 E, 5191946 N)											
<i>A</i>	0	10	1.04	1.94		3.32	42.5	17.5	40	SiC	9.5
<i>Btk</i>	10	21	0.97	7.32		2.28	45	20	35	C	13.1
<i>Bkn</i>	21	33	2.22	9.66		2.25	42.5	12.5	45	SiC	5.3
<i>Bky1</i>	33	40	7.35	9.52		2.37	38.8	15	46.2	SiCL	7
<i>Bky2</i>	40	53	9.83	13.8		1.58	42.5	8.8	48.7	SiC	4.5
<i>Cky</i>	53	60	5.85	13		1.32	42.5	11.3	46.2	SiC	8.8
070428-T01 (648618 E, 5187013 N)											
<i>B</i>	7	18	0.52	1.76							
<i>Bk1</i>	18	29	1.03	7.05							
<i>Bk2</i>	29	45	1.3	12.2							
<i>C</i>	45	60	3.27	17.9							
070428-T03 (649154 E, 5187336 N)											
<i>B</i>	7	15	0.62	0.78							
<i>Bk</i>	15	26	0.8	7.06							
<i>Bky</i>	26	42									
<i>Cy</i>	42	60	2.58	16.4							
070428-T04 (649016 E, 5187497 N)											
<i>Bw</i>	7	15	0.55	0.52							
<i>Bk1</i>	15	30	0.48	3.67							
<i>Bk2</i>	30	42	1.32	9.84							
<i>C</i>	42	60	1.82	9.68							

¹ EC = Electrical Conductivity² mmhos/cm = millimhos per centimeter³ SAR = Sodium Adsorption Ratio⁴ s.u. = Standard Units⁵ O.M. = Organic Matter⁶ V.F. Sand = Very Fine Sand

% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
070522-T01 (649582 E, 5191757 N)											
<i>Ap</i>	0	6	0.86	3.98	7.7	3.3	55	7.5	37.5	C	6.6
<i>Bw</i>	6	18	1.32	9.19	8.1	2.8	55	6.3	38.7	C	5.7
<i>Bk</i>	18	33	5.86	7.93	8	3	52.5	10	37.5	C	9.5
<i>C</i>	33	60	7.69	15.9	8.2	2.4	51.3	10	38.7	C	9.6
070524-T01 (647654 E, 5188713 N)											
<i>Bt1</i>	6	15	INSF	3.65							
<i>Bk</i>	15	21	0.5	9.54							
<i>C1</i>	21	35	1.09	10.5							
<i>C2</i>	35	60	8.75	11.2							
MOREAU											
060822-T06 (647544 E, 5190084 N)											
<i>Ap</i>	0	6	0.61	0.28		3.91	40	7.5	52.5	SiCL	4.6
<i>Bk</i>	6	13	0.6	1.14		2.42	42.5	5	52.5	SiC	4.4
<i>Bky</i>	13	23	3.93	3.37		1.74	45	7.5	47.5	SiC	7
<i>Bkyn</i>	23	37	6.92	9.88		1.56	47.5	6.3	46.2	SiC	5.2
<i>Cr</i>	37	45	16.7	19.5		2.19	42.5	12.5	45	SiC	4.1
060823-T01 (646972 E, 5190306 N)											
<i>Bk</i>	6	10	0.86	2.07							
<i>Bky1</i>	10	19	0.47	2.91							
<i>Bky2</i>	19	26	3.82	3.04							
<i>Cr</i>	26	40	6.33	8.03							
060823-T03 (648247 E, 5190656 N)											
<i>A</i>	0	4	0.6	0.34		4.88	57.5	13.8	28.7	C	9.8
<i>Bk1</i>	4	10	2.31	0.32		4.4	57.5	17.5	25	C	14.6
<i>Bk2</i>	10	20	2.59	0.51		3.98	42.5	33.8	23.7	C	20.6
<i>Cr</i>	20	36	5.29	3.79		3.14	32.5	32.5	35	CL	14.5
<i>Cr</i>	36	60	8.9	5.9		2.22	28.8	22.5	48.7	CL	16.8
060919-S16 (648912 E, 5191225 N)											
<i>Ap</i>	0	7	0.91	0.22		3.66	60	2.5	37.5	C	3.6
<i>Bt</i>	7	14	0.46	0.39		2.93	52.5	17.5	30	C	15.8
<i>Bk</i>	14	24	3.15	0.43		3.48	56.3	32.5	11.2	C	29.2
<i>Cr</i>	24	50	4.68	2.11		2.94	48.8	8.8	42.4	SiC	6.6
060920-S11 (648276 E, 5191436 N)											
<i>Ap</i>	0	7	1.21	2.49		2.25	36.3	7.5	56.2	SiCL	3
<i>Btkn</i>	7	19	1.08	7.19		2.3	31.3	40	28.7	CL	37.9
<i>BC</i>	19	31	10.8	11.8		3.71	35	35	30	CL	28.9

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060921-T01 (649765 E, 5190642 N)											
<i>Ap</i>	0	6	0.82	0.21		0.27	32.5	20	47.5	SiCL	14.1
<i>Bk1</i>	6	14	0.34	0.4		0.5	35	23.8	41.2	CL	21
<i>Bk2</i>	14	27	0.38	2.76		0.36	26.3	32.5	41.2	L	22.4
<i>Cr1</i>	27	36	1.27	10		0.22	25	37.5	37.5	L	14.8
<i>Cr2</i>	36	60	7.63	10.5		0.23	20	40	40	L	26.2
060926-T03A (650334 E, 5190476 N)											
<i>Ap</i>	0	6	0.52	0.24							
<i>B</i>	6	16	0.51	0.12							
<i>Cr</i>	16	60	4.42	-----							
061009-T03 (650859 E, 5186456 N)											
<i>Ap</i>	0	6	0.62	1.21		3.19	35	17.5	47.5	SiCL	13.4
<i>Bt</i>	6	14	1.91	12.8		2.02	37.5	17.5	45	SiCL	13.7
<i>Bk</i>	14	28	9.3	15.7		2.35	50	7.5	42.5	SiC	5.6
<i>Cr</i>	28	60	13	22.7		1.33	70	0	30	C	<0.1
070428-T02 (648992 E, 5186886 N)											
<i>Ap</i>	0	7	0.99	0.36	6.8	3.7	37.5	22.5	40	CL	9.8
<i>Bk1</i>	7	22	0.4	0.43	7.7	3.2	37.5	20	42.5	SiCL	8.1
<i>Bk2</i>	22	31	0.71	3.51	7.9	1.8	52.5	17.5	30	C	8.5
070504-T01 (646800 E, 5190800 N)											
<i>Ap</i>	0	7	1.66	0.07	7.4	2.6	11.3	63.8	24.9	SL	6.8
<i>Bw</i>	7	14	0.45	0.12	7.7	1.9	11.3	67.5	21.2	SL	11.8
070515-S51 (649148 E, 5186652 N)											
<i>Ap</i>	0	7	0.65	1.33							
<i>AB</i>	7	18	0.86	6.25							
<i>Btky</i>	18	25	4.86	5.34							
<i>Cky</i>	25	31	5.16	6.54							
070516-S04 (645842 E, 5189895 N)											
<i>Bt</i>	6	12	4.64	4.43							
<i>Cy</i>	12	34	11.1	17.6							
MORTON											
060822-T04 (647661 E, 5190104 N)											
<i>Ap</i>	0	5	0.63	0.48							
<i>Bt1</i>	5	12	0.79	0.41							
<i>Bt2</i>	12	22	2.97	0.43							
<i>Cr</i>	22	35	5.99	5.06							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060929-T03 (649854 E, 5189303 N)											
<i>Bt2</i>	15	31	2.16	6.96							
<i>Bk</i>	31	38	1.71	5.31							
<i>Cr</i>	38	60	2.11	16							
PARSHALL											
060920-S19 (647873 E, 5191478 N)											
<i>A1</i>	0	7	0.19	0.58		3.22	13.8	65	21.2	SL	5.3
<i>A2</i>	7	16	0.17	0.26		2.2	15	67.5	17.5	SL	5.2
<i>Bw</i>	16	25	0.31	0.3		1.78	15	67.5	17.5	SL	2.2
<i>Bk1</i>	25	33	0.37	0.22		1.56	15	70	15	SL	2.8
<i>Bk2</i>	33	41	0.36	0.26		1.47	18.8	65	16.2	SL	2.2
<i>C</i>	41	53	0.38	0.37		1.4	18.8	65	16.2	SL	2.4
<i>Ab</i>	53	60	0.43	0.76		1.23	20	55	25	SL	5.2
REEDER											
060930-T02 (651600 E, 5189130 N)											
<i>Ap</i>	0	6	1.51	0.23	6	5.2	21.3	27.5	51.2	SiL	12.1
<i>Bt1</i>	6	9	0.52	0.6	6	3.1	25	30	45	L	11.5
<i>Bt2</i>	9	18	0.5	1.24	6.9	2.4	25	32.5	42.5	L	15.4
<i>Bt3</i>	18	23	0.59	1.41	7.8	2.7	31.3	20	48.7	SiCL	16.3
<i>C</i>	23	34	0.58	1.28	7.9	4	31.3	17.5	51.2	SiCL	12.8
<i>Cr</i>	34	60	3.73	0.36	8	6.4	51.3	15	33.7	C	10.4
061001-T02 (651714 E, 5189201 N)											
<i>Ap</i>	0	6	0.81	0.31		1.92	26.3	37.5	36.2	L	9.5
<i>Bt</i>	6	10	0.67	0.27		1.95	32.5	32.5	35	CL	6.1
<i>Bky1</i>	10	24	0.45	0.33		1.55	31.3	36.3	32.4	CL	11.2
<i>Bky2</i>	24	36	0.35	0.72		1.06	28.8	45	26.2	CL	15.9
<i>Cr</i>	36	60	5.35	3.84		0.98	37.5	11.3	51.2	SiCL	11
REGENT											
060823-T02 (647967 E, 5190754 N)											
<i>A</i>	0	9	0.32	0.5		2.71	22.5	45	32.5	L	9.5
<i>Bt</i>	9	16	0.37	1.7		2.67	30	42.5	27.5	CL	4.4
<i>Bky</i>	16	28	1.58	2.08		2.19	32.5	47.5	20	SCL	7.2
<i>Cr1</i>	28	37	3.89	1.88		0.79	32.5	27.5	40	CL	9.3
<i>Cr2</i>	37	60	3.76	1.95		1.85	25	32.5	42.5	L	13.2
060920-T03 (649450 E, 5190687 N)											
<i>Ap</i>	6	18	0.45	1.18							
<i>Bkss1</i>	18	34	0.57	3.34							
<i>Bkss2</i>	34	41	4.92	4.14							
<i>Bk</i>	41	60	6.13	6.12							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060926-T01A (650723 E, 5190726 N)											
<i>Ap</i>	18	30	0.83	2.5							
<i>Bt</i>	30	42	5.11	3.15							
<i>Bkl</i>	42	60	5.54	3.92							
061001-T01 (651880 E, 5188600 N)											
<i>Ap</i>	0	6	0.96	0.27	6.6	4.7	33.8	22.5	43.7	CL	14.8
<i>Bt</i>	6	15	0.65	0.5	7.5	3.8	36.3	20	43.7	SiCL	14.2
<i>Bk</i>	15	23	0.53	0.35	7.4	4.3	35	25	40	CL	18.7
<i>Bky</i>	23	28	0.65	5.75	8.3	3.3	46.3	7.5	46.2	SiC	5.3
<i>Cr</i>	28	60	9.26	8.84	8.3	2.6	50	5	45	SiC	4.2
061005-T03 (649468 E, 5187061 N)											
<i>Ap</i>	0	5	0.77	0.31		2.81	48.8	12.5	38.7	C	8.8
<i>Btky</i>	5	13	0.48	0.88		2.13	46.3	11.3	42.4	SiC	8
<i>Btky</i>	13	27	3.67	1.43		1.34	41.3	13.8	44.9	SiC	12.6
<i>Bk</i>	27	39	2.12	6.59		2.02	40	12.5	47.5	SiCL	10.5
<i>Cr</i>	39	60	6.67	8.14		2.17	55	20	25	C	14.9
070511-S28 (649828 E, 5185795 N)											
<i>Ap</i>	0	6	0.95	0.51							
<i>Btk</i>	6	14	1.84	0.42							
<i>Bcky</i>	14	24	3.87	2.31							
070511-S30 (649945 E, 5185575 N)											
<i>Ap</i>	0	6	0.86	0.38	7.3	5.7	28.8	23.8	47.4	CL	18.8
<i>Btk</i>	6	15	0.8	5.59	8.2	4.3	33.8	20	46.2	SiCL	17.9
<i>Btky</i>	15	23	2.86	19.5	8.6	4.3	33.8	15	51.2	SiCL	13.8
<i>BCky</i>	23	37	15.1	19.8	8.4	3.8	35	11.3	53.7	SiCL	10.8
<i>Cry</i>	37	47	18.2	22.2	8.3	3.6	30	11.3	58.7	SiCL	11.1
RHOADES											
060822-T01 (647680 E, 5190508 N)											
<i>Btkyz</i>	6	13	4.39	10.4							
<i>Bkyz</i>	13	20	7.96	14.1							
<i>Bky</i>	20	28	5.01	7.38							
<i>C</i>	28	41	1.65	4.37							
060822-T05 (647353 E, 5190307 N)											
<i>Bssn</i>	7	16	0.86	8.61							
<i>Bkn</i>	16	26	10.2	21							
<i>C</i>	26	41	9.35	14.5							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060930-T04 (652425 E, 5188854 N)											
A	0	4	6.34	11.2							
B _{tn}	4	11	16.5	15.3							
B _{kyn1}	11	28	17.9	16.5							
B _{kyn2}	28	40	20.7	19.8							
C ₁	40	50	20.3	19.5							
C ₂	50	60	19.2	20.8							
061007-T02A (652843 E, 5189806 N)											
B _{t1}	6	15	1.74	9.58							
B _{ky1}	15	22	9.99	13.10							
B _{ky2}	22	38	6.99	10.80							
C	38	60	18.50	25.30							
061010-T03 (650831 E, 5185833 N)											
A _p	0	6	1.03	12.3		3.7	48.8	10	41.2	SiC	7.1
B _{tkn}	6	15	2.7	28.6		3.29	55	10	35	C	7.8
B _{kyn1}	15	28	8.74	24.2		3.15	67.5	5	27.5	C	4.1
B _{kyn2}	28	41	2.55	31		2.48	65	5	30	C	4.7
B _{k3}	41	60	7.74	29.9		2.16	51.3	3.8	44.9	SiC	2.2
061010-T04 (650612 E, 5185386 N)											
A _p	0	6	1.12	7.61		4.64	51.3	18.8	29.9	C	16.2
B _{tn}	6	14	1.73	15.9		4.12	58.8	13.8	27.4	C	12.6
B _y	14	20	1.63	16.9		3.48	57.5	1.3	41.2	SiC	0.4
C	20	60	5.99	19.6		2.08	25	30	45	L	12.7
070427-T04 (647834 E, 5190530 N)											
E/A	0	8	6.6	6.75							
B _{tn}	8	15	11.5	9.22							
B _{kn1}	15	27	9.78	8.92							
B _{kn2}	27	40	10.5	8.92							
C	40	60	12.5	12.6							
070430-T01 (649817 E, 5184866 N)											
A _p	0	5	0.5	1.1							
B _{tky}	5	14	6.03	7.57							
B _{tkyn1}	14	24	11.7	15.5							
B _{tkyn2}	24	33	13.7	17.6							
C	33	60	11	15.2							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
070430-T02 (650115 E, 5185148 N)											
A	0	5	0.6	1.79							
<i>B_{tny}</i>	5	10	2.4	16.3							
<i>B_{ky1}</i>	10	24	10	22.6							
<i>B_{ky2}</i>	24	40	7.72	26.9							
C	40	60	8.41	47.5							
070501-T01 (650694 E, 5185043 N)											
A	0	7	0.69	0.5	7.5	4	35	25	40	CL	11.4
<i>B_{ky1}</i>	7	14	0.97	4.99	8.1	2.2	40	22.5	37.5	CL	16.1
<i>B_{ky2}</i>	14	20	8.99	16.1	8.2	1.9	40	22.5	37.5	CL	16
<i>B_{ky3}</i>	20	35	14.6	22.2	8.3	2.1	45	17.5	37.5	C	12.4
<i>C_{y1}</i>	35	44	23	28.9	8.5	1.2	47.5	12.5	40	SiC	10.4
<i>C_{y2}</i>	44	60	21.1	24.8	8.4	19.5	47.5	12.5	40	SiC	9.8
070501-T02 (650531 E, 5185002 N)											
A	0	6	2.18	15.2							
<i>B_{tn}</i>	6	18	1	9.79							
<i>B_{ky}</i>	18	27	0.68	5.08							
<i>B_{kz}</i>	27	42	1.71	11.1							
C	42	60	1.86	13.1							
070515-S39 (648799 E, 5186186 N)											
<i>A_p</i>	0	6	1.39	2.16							
<i>B_{tkyn}</i>	6	17	6.23	25							
<i>B_{ky}</i>	17	34	13.4	22.9							
<i>C_y</i>	34	41	14.7	24.9							
SAVAGE											
060808-T01 (648857 E, 5191626 N)											
<i>B_{k1}</i>	16	23	0.99	3.58							
<i>B_{k2}</i>	23	35	1.32	7.09							
<i>B_{k3}</i>	35	47	2.65	9.47							
C	47	60	6.16	6.23							
060822-T09 (648514 E, 5190765 N)											
<i>B_{k1}</i>	24	37	0.35	0.77							
<i>B_{k2}</i>	37	50	0.51	2.25							
C	50	60	0.61	5.61							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060823-T04 (648241 E, 5190235 N)											
A	0	6	0.69	0.3		4.84	30	10	60	SiCL	5.7
Bt	6	17	0.54	0.98		2.86	36.3	11.3	52.4	SiCL	8.6
Bk1	17	26	0.77	4.93		1.98	45	15	40	SiC	13.1
Bk2	26	40	5.14	11		1.51	46.3	5	48.7	SiC	3.4
C	40	60	11.5	13		1.27	45	5	50	SiC	2.3
060920-S15 (648014 E, 5191498 N)											
Ap2	10	21	0.58	0.29							
Bt	21	27	0.42	0.91							
Bt2	27	45	0.86	6.30							
Btk	45	56	10.10	13.30							
060925-S01 (649844 E, 5191321 N)											
Btk	12	30	0.66	2.8							
Bk1	30	46	1.77	7.51							
Bk2	46	60	5.45	5.46							
060925-S02 (650380 E, 5191072 N)											
Btk	6	10	0.56	0.32							
Bk1	10	20	0.5	0.98							
Bk2	20	31	0.8	3.14							
Bky	31	48	3.26	4.37							
060927-S02 (647806 E, 5189722 N)											
Ap	0	6	1.17	0.2			27.5	16.3	56.2	SiCL	
Bt1	6	16	0.73	0.46			33.8	13.8	52.4	SiCL	
Bt2	16	30	0.99	5.42			40	11.3	48.7	SiCL	
Btk1	30	39	5.12	13.5							
Btk2	39	51	9.85	17.8							
BCy	51	60	9.22	16.8							
060927-S03 (648158 E, 5189400 N)											
A	0	7	1.1	5.14		3.07	46.3	3.8	49.9	SiC	1.6
Bt	7	13	4.96	5.61		2	41.3	3.8	54.9	SiC	3
Bty	13	17	7.79	9.78		1.57	45	7.5	47.5	SiC	6.8
Bky	17	28	9.41	11.2		0.98	46.3	5	48.7	SiC	4.4
BCy1	28	39	9.19	11.7		0.76	38.8	5	56.2	SiCL	4.5
BCy2	39	53	8.3	10.2		0.75	28.8	10	61.2	SiCL	8.7

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060927-S04 (648365 E, 5189682 N)											
<i>Ap</i>	0	9	0.79	1.69		2.83	48.8	5	46.2	SiC	3.3
<i>Bt1</i>	9	19	0.68	4.11		2	48.8	2.5	48.7	SiC	1.6
<i>Bt2</i>	19	25	0.53	4.52		1.98	43.8	5	51.2	SiC	4.4
<i>Btk</i>	25	36	4.25	9.61		1.99	45	8.8	46.2	SiC	6.2
<i>Bcy</i>	36	58	6.37	8.41		1.84	46.3	7.5	46.2	SiC	4.8
060927-T03 (648460 E, 5188524 N)											
<i>Ap</i>	0	6	1.52	8.58		3.92	43.8	8.8	47.4	SiC	4.4
<i>Bt1</i>	6	17	1.05	11.1		3.51	48.8	8.8	42.4	SiC	6.6
<i>Bk1</i>	17	33	4.33	12.6		2.16	40	16.3	43.7	SiCL	7.8
<i>Bk2</i>	33	44	5.98	16.1		1.66	37.5	23.8	38.7	CL	9.5
<i>C</i>	44	60	5.05	18.8		1.45	35	21.3	43.7	CL	10.7
060928-S02 (649174 E, 5189955 N)											
<i>Ap</i>	0	9	0.67	0.69							
<i>Bt</i>	9	16	0.82	1.45							
<i>Btk</i>	16	23	0.73	3.23							
<i>Bk</i>	23	32	1.01	8.82							
<i>Bky</i>	32	45	1.9	12.5							
<i>Bcy</i>	45	57	7.73	8.75							
060928-S03 (649133 E, 5189512 N)											
<i>Ap</i>	0	8	1.04	0.48							
<i>Bt</i>	8	20	0.66	0.88							
<i>Btk</i>	20	35	0.6	2.74							
<i>Bky</i>	35	54	0.89	5.85							
<i>Bcy</i>	54	62	5.03	4.25							
060929-S25 (650273 E, 5189492 N)											
<i>Ap</i>	0	8	0.61	0.31		2.83	27.5	38.8	33.7	CL	9.3
<i>Bt</i>	8	16	0.51	0.49		2.63	33.8	37.5	28.7	CL	6.4
<i>Bk</i>	16	36	1.04	2.74		2.26	32.5	35	32.5	CL	1.4
<i>Cr</i>	36	56	6	3.96		1.1	18.8	33.8	47.4	L	16.6
060930-T01 (652366 E, 5189539 N)											
<i>Bk1</i>	13	29	0.43	1.13							
<i>Bk2</i>	29	43	1.12	5.98							
<i>C</i>	43	60	5.13	4.73							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
060930-T03 (652348 E, 5188920 N)											
<i>Ap</i>	0	6	1.12	0.25		2.47	28.8	17.5	53.7	SiCL	7.9
<i>Bt1</i>	6	12	0.23	0.74		1.74	38.8	20	41.2	SiCL	12.7
<i>Bt2</i>	12	22	0.35	0.76		1.31	42.5	22.5	35	C	12.1
<i>Bk</i>	22	33	0.45	1.82		1.02	36.3	12.5	51.2	SiCL	6.5
<i>Bky1</i>	33	44	1.18	5.77		1.06	41.3	20	38.7	C	12.5
<i>Bky2</i>	44	60	2.73	6.89		1.2	42.5	12.5	45	SiC	9.4
061005-S18 (652377 E, 5189777 N)											
<i>Ap</i>	0	6	1.49	2.15		3.19	30	23.8	46.2	CL	5.5
<i>AB/Bt</i>	6	13	1.62	5.29		2.13	33.8	37.5	28.7	CL	7.7
<i>Byz</i>	13	25	7.43	8.81		1.93	40	27.5	32.5	CL	10.2
<i>Bkyz</i>	25	37	9.47	13.3		1.16	37.5	20	42.5	SiCL	10.5
<i>Ck</i>	37	50	15	17.4		1.18	37.5	26.3	36.2	CL	16.6
061005-T02 (650090 E, 5187200 N)											
<i>Ap</i>	5	15	0.52	0.46							
<i>Bt</i>	15	28	2.87	0.4							
<i>Bky1</i>	28	44	4.87	1.72							
<i>Bky2</i>	44	60	6.54	5.13							
061006-S38 (648589 E, 5192053 N)											
<i>Ap</i>	0	6	2.69	1.01		3.86	33.8	17.5	48.7	SiCL	9.2
<i>Bt</i>	6	14	1.01	2.23		3.72	43.8	12.5	43.7	SiC	7.5
<i>Btk</i>	14	30	0.76	5.43		2.68	45	12.5	42.5	SiC	7.6
<i>Bky</i>	30	48	6.62	6.74		2.08	41.3	15	43.7	SiC	4.4
<i>C</i>	48	58	5.21	8.94		2.07	42.5	5	52.5	SiC	2.1
061007-T01A (652847 E, 5189411 N)											
<i>Bt</i>	8	22	1.07	4.38							
<i>Bky</i>	22	31	8.46	7.49							
<i>C</i>	31	56	11.80	10.90							
061009-T01 (646268 E, 5189836 N)											
<i>A</i>	0	6	0.58	0.28		3.87	35	17.5	47.5	SiCL	12.9
<i>Bt1</i>	6	14	0.33	0.4		3.38	40	17.5	42.5	SiCL	13.4
<i>Bt2</i>	14	37	0.37	0.37		3.24	42.5	20	37.5	C	15.3
<i>Bk</i>	37	47	0.77	0.54		3.56	41.3	10	48.7	SiC	5.8
<i>C</i>	47	60	0.79	2.29		2.31	43.8	10	46.2	SiC	7
061010-T01A (647191 E, 5189885 N)											
<i>2C</i>	6	12	0.27	0.38							
<i>Bk1</i>	12	28	0.57	0.65							
<i>Bk2</i>	28	37	0.83	4.44							
<i>C</i>	37	60	5.86	16.30							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
061014-S01 (649159 E, 5191872 N)											
<i>Ap2</i>	0	6	1.55	0.71							
<i>Btn</i>	6	13	1.00	0.87							
<i>Bk1</i>	13	25	0.68	2.59							
<i>Bk2</i>	25	40	INSF	4.26							
<i>Bky</i>	40	50	3.63	7.80							
<i>Cy</i>	50	59	7.35	6.61							
061015-S08 (647772 E, 5192181 N)											
<i>Bt</i>	6	12	0.75	6.32							
<i>Bk1</i>	12	17	1.25	12.10							
<i>Bk2</i>	17	26	4.78	14.00							
<i>Bky</i>	26	39	10.70	11.60							
<i>Cky</i>	39	57	10.50	12.80							
061016-S27 (650193 E, 5187715 N)											
<i>Bt</i>	9	23	0.42	1.97							
<i>Btk</i>	23	30	0.61	3.44							
<i>By</i>	30	40	1.00	5.36							
<i>Cky</i>	40	58	1.91	3.90							
061016-S28 (650600 E, 5188099 N)											
<i>Ap</i>	0	7	0.49	0.69		3.04	38.8	13.8	47.4	SiCL	5.4
<i>Bt</i>	7	12	0.54	0.78		2.86	48.8	16.3	34.9	C	7.1
<i>Bky</i>	12	21	1.05	4.76		2.45	56.3	6.3	37.4	C	1.6
<i>By</i>	21	32	1.4	9.2		1.2	67.5	2.5	30	C	1.8
<i>Cr</i>	32	46	6.64	7.54		0.67	20	5	75	Silt C	4.7
070427-T06 (646350 E, 5191353 N)											
<i>Ap</i>	0	6	0.48	2.04	6.5	4.5	31.3	12.5	56.2	SiCL	8.2
<i>B</i>	6	14	0.58	1.24	7.5	3.3	40	15	45	SiCL	11.6
<i>Bk1</i>	14	22	1.62	5.6	8	1.2	40	21.3	38.7	CL	18.4
<i>Bk2</i>	22	38	6.14	9.69	8.2	1	42.5	15	42.5	SiC	11.9
<i>C</i>	38	60	6.95	13.9	8.2	3	43.8	10	46.2	SiC	6.3
070513-S01 (649817 E, 5186673 N)											
<i>Ap</i>	0	6	0.8	0.34							
<i>Btk</i>	6	19	0.6	2.35							
<i>Bk</i>	19	36	0.71	16.8							
<i>Ck</i>	36	59	2.23	13.1							

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
070516-S02 (649101 E, 5186277 N)											
<i>Ap</i>	0	6	0.86	0.5	7.4	4.1	38.8	12.5	48.7	SiCL	9.3
<i>Bw</i>	6	16	0.6	1.53	7.6	2.3	36.3	12.5	51.2	SiCL	11.1
<i>Bky1</i>	16	36	0.87	8.43	8.1	5.3	33.8	12.5	53.7	SiCL	11.7
<i>Bky2</i>	36	49	8.62	17.6	8	2.3	41.3	15	43.7	SiC	14.3
<i>Cy</i>	49	61	11	20.3	8.2	2.5	38.8	12.5	48.7	SiCL	11.6
070523-T01 (648243 E, 5188181 N)											
<i>A</i>	5	17	0.64	0.34							
<i>Bw</i>	17	26	INSF	4.84							
<i>Bt</i>	26	60	1.12	5.55							
070524-T03 (647709 E, 5188209 N)											
<i>Bt</i>	24	32	0.72	0.42							
<i>Bk</i>	32	44	0.51	0.53							
<i>C</i>	44	60	0.6	1.9							
SEN											
061007-T03A (652655 E, 5190220 N)											
<i>Bw</i>	7	12	0.65	0.49							
<i>Bk</i>	12	23	0.36	0.23							
<i>Cr</i>	23	60	0.81	5.51							
SHAMBO											
060919-S32 (647753 E, 5191181 N)											
<i>Ap</i>	0	13	0.52	0.24		3.37	21.3	41.3	37.4	L	14
<i>BA</i>	13	22	0.32	0.21		1.59	15	55	30	SL	14.1
<i>Bw</i>	22	29	0.29	0.3		1.34	17.5	57.5	25	SL	18.4
<i>Btk</i>	29	41	0.52	0.19		1.35	22.5	40	37.5	L	13.6
<i>Bk</i>	41	63	0.58	0.28		1.04	22.5	42.5	35	L	13.8
060924-S41 (650637 E, 5191578 N)											
<i>Bt</i>	7	18	0.62	0.35			21.3	31.3	47.4	L	
<i>Btk</i>	18	33	0.4	0.58			21.3	18.8	59.9	SiL	
<i>C</i>	33	49	1.03	4.78			21.3	16.3	62.4	SiL	
060928-T01 (649915 E, 5188577 N)											
<i>Ap</i>	0	6	1.7	1.32		3.32	20	38.8	41.2	L	10.4
<i>Bw1</i>	6	10	1.62	12.4		2.07	22.5	37.5	40	L	12
<i>Bw2</i>	10	21	4.6	12		1.54	22.5	28.8	48.7	L	13
<i>Bk</i>	21	40	2	22.5		1.09	23.8	23.8	52.4	SiL	18.7
<i>C</i>	40	60	9.75	59.5		0.68	21.3	43.8	34.9	L	13.8

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% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
070511-S33 (650488 E, 5186122 N)											
<i>Ap</i>	0	6	0.89	0.66	6.2	4.6	18.8	15	66.2	SiL	10.5
<i>Bw</i>	6	10	1.05	9.34	7.8	2.6	36.3	12.5	51.2	SiCL	11.4
<i>Bk(n)1</i>	10	19	1.18	17.8	8.4	2	38.8	10	51.2	SiCL	9.9
<i>Bk(n)2</i>	19	30	4.81	45.1	8.6	1.5	20	12.5	67.5	SiL	12.2
<i>C</i>	30	49	14.5	45.4	8.1	1.6	16.3	13.8	69.9	SiL	11.7
STADY											
060926-T04 (649669 E, 5188524 N)											
<i>Ap</i>	0	7	0.9	<0.2		3.04	23.8	28.8	47.4	L	7.2
<i>Bw1</i>	7	12	0.8	<0.2		2.9	21.3	28.8	49.9	L	6.2
<i>Bw2</i>	12	20	0.51	<0.2		2.6	26.3	23.8	49.9	L	6
<i>2C</i>	20	60	0.57	<0.2		3.18	23.8	51.3	24.9	SCL	6.2
061007-T04A (651946 E, 5190218 N)											
<i>Bw2</i>	20	36	0.42	0.15							
<i>Bt2</i>	15	26	0.70	0.52							
<i>Bk</i>	26	33	0.91	0.63							
TALLY											
070501-T03 (650996 E, 5191411 N)											
<i>Ap</i>	0	7	1.56	0.1	5.6	4	16.3	51.3	32.4	L	3.4
<i>Bw1</i>	7	16	0.9	0.1	6.1	3.7	15	51.3	33.7	L	1.1
<i>Bw2</i>	16	25	0.48	0.15	7.2	3	15	53.8	31.2	SL	7.1
<i>Bk</i>	25	34	0.42	0.24	7.6	3	18.8	56.3	24.9	SL	13.4
<i>C</i>	34	60	0.29	0.25	7.9	1.1	8.8	78.8	12.4	LS	10.7
TREMBLES											
060928-S30 (650130 E, 5188515 N)											
<i>Ap/Bt</i>	0	6	1.14	0.84		3.5	25	20	55	SiL	7.2
<i>C</i>	6	30	0.52	1.28		1.19	13.8	42.5	43.7	L	18.9
WAYDEN											
060925-S04 (649415 E, 5191059 N)											
<i>Ap</i>	0	6	0.64	0.19							
<i>Btk</i>	6	14	0.53	0.22							
<i>Bk</i>	14	20	0.6	0.28							
060927-T02 (648435 E, 5189180 N)											
<i>Ap</i>	0	5	0.73	0.42		2.3	41.3	8.8	49.9	SiC	6.4
<i>Bk</i>	5	14	3.11	0.57		2.61	56.3	12.5	31.2	C	8.3
<i>Cr</i>	14	60	15.1	15.6		1.14	45	5	50	SiC	2

¹ EC = Electrical Conductivity² mmhos/cm = millimhos per centimeter³ SAR = Sodium Adsorption Ratio⁴ s.u. = Standard Units⁵ O.M. = Organic Matter⁶ V.F. Sand = Very Fine Sand

% = Percent

TABLE 2.4-2

LABORATORY RESULTS FOR ALL SAMPLE SITES

Site ID & Horizon	Interval (inches)		EC ¹ (mmhos/cm) ²	SAR ³ (s.u.) ⁴	pH (s.u.)	O.M. ⁵ (%)	Clay (%)	Sand (%)	Silt (%)	Texture	V.F. Sand ⁶ (%)
	Top	Base									
061006-T03A (650835 E, 5186948 N)											
<i>Bt</i>	5	12	3.06	0.96							
<i>CrI</i>	12	31	6.49	5.86							
<i>Bt</i>	6	12	0.39	0.24							
<i>Bk</i>	12	18	2.59	0.27							
<i>Cr</i>	18	60	5.20	3.89							

¹ EC = Electrical Conductivity

² mmhos/cm = millimhos per centimeter

³ SAR = Sodium Adsorption Ratio

⁴ s.u. = Standard Units

⁵ O.M. = Organic Matter

⁶ V.F. Sand = Very Fine Sand

% = Percent