Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
707	Re3	A1	0-6	L	8	10	59	17	12	0.1	43	0.002	1.5	0.10	20	1.4	9	300	0.019	0.28	3.5	1.6	1.4	0.07	12.7	28	13	11	<1	49					
		A2	6-10	L	21	10	57	18	14	6.6	37	0.001	0.72	0.049	19	1.4	4	280	0.012	0.26	3.4	1.7	1.2	0.13	9.4	36	18	13	1	32					
		B	10-20	C	17					7.6	100	0.002	0.61	0.049	16		5	480																
		B	20-30	C	15	6	30	10	50	8.5	130	0.003	0.35	0.037	12	2.4	5	500	0.014	0.77	6.6	9.0	4.2	2.1	24.0	27	36	17	9	10					
		B	50-60	C	13					9.0	390	0.017																						
		B	80-90	C	22					8.5	1400	0.19																						
		B	110-120	C	24					8.7	1100	0.14																						
		B	140-150	C	24	3	24	17	54	8.6	1400	0.19				1.9			0.010	0.41	4.9	16.3	3.0	3.6	27.8	18	58	11	13	0					
		B	170-180	C	23					8.4	1000	0.15																						
708	Wd2	A1	0-5	L	32	13	40	23	16	4.7	63	0.004	6.0	0.28	28	3.2	9	160	0.027	0.26	0.22	1.1	0.70	0.31	35.0	1	3	2	1	93					
		A2	5-10	CL	19					5.0	74	0.004	2.4	0.11	28		5	80																
		A2	10-15	SiCL/CL	27	10	30	26	30	5.6	120	0.009	2.0	0.075	35	3.4	5	100	0.020	0.32	0.05	3.6	0.24	1.4	20.4	<1	18	1	7	74					
		B1	15-20	C	21					7.5	240	0.022	1.3	0.090	19		5	60																
		B1	20-30	C	30	6	30	10	50	8.4	410	0.039	0.74	0.081	12	4.3	4		0.017	0.50	0.03	11.6	0.34	4.3	18.5	<1	63	2	23	12					
		B2	50-60	SiC	20					8.8	610	0.061																						
709	GC2	A1	0-2	L	9	18	42	15	15	5.2	79	0.006	5.9	0.27	28	4.8	13	180	0.016	0.30	0.58	2.1	0.81	0.55	29.5	2	7	3	2	86					
		A2	2-10	FSCL	19					5.1	45	0.001	1.8	0.0085	28		7	100																
		A2	10-20	L	18	23	37	15	23	5.1	47	0.001	0.96	0.064	20	2.3	5	100	0.010	0.45	0.14	1.8	0.56	0.22	30.0	<1	6	2	1	91					
		B	20-30	SC	20					5.2	55	0.002	1.11	0.072	20		6	140																
		B	50-60	C	18	16	36	12	34	6.4	110	0.009	0.27	0.038	9	2.9	3		0.010	0.57	0.02	5.6	0.42	0.96	10.2	<1	55	4	9	32					
		B	80-90	SC	26	22	36	13	28	7.3	210	0.021				3.1			0.003	0.47	0.04	5.1	0.24	1.3	8.4	<1	61	3	15	21					
710	Wt1	A1	0-6	L	25	15	50	15	13	4.0	82	0.007	4.6	0.19	31	0.9	9	90	0.015	0.18	0.28	0.49	0.25	0.28	23.4	1	2	1	1	95					
		A2	6-10	L	34					4.4	31	0.004	1.2	0.054	29		6	60																
		A2	10-20	L	32	16	48	15	16	4.6	32	0.003	0.95	0.049	25	1.3	6	60	0.014	0.22	0.06	0.06	0.16	0.13	11.3	1	1	1	1	96					
		B	20-30	L	35	14	46	18	20	4.6	26	0.002	0.75	0.048	20	1.8	5	60	0.015	0.26	0.04	0.05	0.16	0.12	10.4	<1	<1	2	1	96					
711	Wt1	A1	0-4	L	13	20	46	16	12	4.8	51	0.004	3.1	0.16	26	1.0	7	180	0.014	0.19	0.50	0.33	0.37	0.10	16.9	3	2	2	1	92					
		A2	4-10	L	31	22	46	16	13	4.7	33	0.002	1.1	0.062	23	1.0	7	120	0.010	0.19	0.07	0.08	0.22	0.03	10.0	1	1	2	<1	96					
		B1	10-20	SC	27					4.8	17	0.001	0.60	0.037	21		6	80																
		B1	20-30	CL	27	18	38	15	26	4.8	22	0.001	0.61	0.048	17	2.1	6	60	0.011	0.33	<0.01	0.13	0.16	0.06	11.7	<1	1	1	1	97					
		B2	50-60	C	20	11	32	11	43	5.0	21	0.001				1.7			0.013	0.43	0.07	0.83	0.17	0.16	13.9	1	6	1	1	91					
713	Kn1	A1	0-10	L	20	14	41	22	20	4.7	27	0.002	1.4	0.10	18	2.5	6	120	0.017	0.38	0.06	0.55	0.56	0.12	12.5	<1	4	4	1	91					
		A1	10-20	L/CL	20	15	38	23	24	5.0	20	0.001	0.61	0.058	14	2.5	5	120	0.014	0.39	0.03	0.62	0.57	0.10	9.6	<1	6	6	1	87					
		B	20-30	C	21					5.3	20	0.001	0.34	0.052	9		3	160																
		B	50-60	C	19	2	8	15	75	5.4	33	0.002				6.3			0.018	0.84	0.06	5.7	1.5	0.27	19.1	<1	30	8	1	61					
		B	80-90	C	14					5.6	33	0.002																						
		B	110-120	C/SiC	24	7	18	26	49	5.9	40	0.003				4.3			0.018	0.69	0.04	9.9	0.68	0.40	19.2	<1	52	4	2	42					
714	Kn3	A1	0-8	L	8	11	52	17	16	5.0	41	0.002	1.6	0.18	12	1.6	5	160	0.015	0.36	0.34	1.2	0.39	0.18	18.2	2	7	2	1	88					
		A2	8-10	FSL	15					4.9	31	1.002	1.6	0.11	19		3	120																
		A2	10-20	L	16	12	51	18	19	5.0	25	0.001	0.83	0.064	17	1.7	3	90	0.011	0.39	0.05	1.0	0.26	0.11	7.8	1	13	3	1	82					
		A2	20-25	FSCL	14					5.1	26	0.001	0.57	0.05	15		3	90																
		B	25-30	CL	15	8	44	14	31	5.2	27	0.001	0.46	0.038	16	2.5	7	100	0.009	0.50	0.10	2.4	0.36	0.19	9.8	1	24	4	2	69					
		B	50-60	CL	21	15	48	12	24	5.8	31	0.002				3.4			0.011	0.47	0.04	4.1	0.30	0.44	8.9	<1	46	3	5	46					
		B	80-92	C	22					6.9	73	0.005																						
715	SG4	A1	0-7	L/LS	16	37	36	15	11	5.6	26	0.001	1.2	0.034	46	1.3	7	140	0.015	0.12	3.3	4.0	0.86	1.3	24.5	13	16	4	5	62					
		A2	7-10	GrL	22					5.1	16	0.001	0.66	0.47	18		6	90																
		A2	10-20	GrL	29	42	33	13	13	5.0	14	0.001	0.47	0.038	16	1.3	6	50	0.014	0.10	0.09	0.26	0.17	0.03	3.7	2	7	5	1	85					
		A2	20-26	L	29					5.3	14	0.001	0.42	0.017	32		5	70																
		B1	26-30	C	21					5.4	18	0.001	0.57	0.048	15		4	140																
		B2	50-60	C	15	15	15	9	58	5.8	31	0.001				4.8			0.015	0.40	0.01	4.0	0.68	0.32	13.9	<1	29	5	5	64					
		B2	80-90	SiC	20	34	26	10	29	5.5	39	0.002				2.4			0.015	0.94	0.01	4.0	0.33	0.42	11.1	<1	36	3	3	57					
716	SG1	A1	0-7	SL	8	34	39	12	11	6.0	58	0.001	3.8	0.24	20	0.8	15	60	0.019	0.11	4.8	1.2	0.34	0.05	12.2	39	10	3	<1	48					
		A2	7-10	CSL	8					5.8	25	0.001	0.91	0.058	20		7	40																
		A2	10-20	LS	18	44	36	12	8	5.5	18	0.001	0.41	0.031	17	0.5	6	30	0.009	0.069	0.58	0.31	0.12	0.02	2.5	23	12	5	1	59					
		A2	20-30	CSL	34					5.5	17	0.001	0.22	0.018	16		3	30																
		B	50-55	C	16						41	0.001																						
		B	55-60	C	20	7	7	5	77	5.2	41	0.001				6.0			0.013	0.53	0.14	4.2	0.63	0.48	11.5	1	37	5	4	53					
		B	80-90	C	20	12	15	7	61	5.2	52	0.001				4.5			0.013	0.64	0.03	6.2	0.30	0.87	19.1	<1	32	2	5	61					
										5.6																							

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-	Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
717	SG3	A1	0-10	SL/L	1	44	29	13	12	6.5	56	0.001	2.4	0.18	17	0.7	10	120	0.012	0.08	5.8	1.4	0.42	0.05	11.2	52	12	4	<1	32					
		A1	10-15	CSL	8					6.4	28	0.001	0.82	0.077	14		7	80																
		A2	15-20	CS	9					6.3	22	0.001	0.46	0.045	13		6	80																
		A2	20-30	SL/LS	14	52	28	11	9	6.2	20	<0.001	0.27	0.028	13	0.5	24	70	0.012	0.11	1.1	0.50	0.15	0.01	2.8	39	18	5	<1	38					
		A2	40-50	CS	25					6.1	15	<0.001																						
		B1	50-60	SC/C	24	40	16	6	35	5.5	28	0.001				1.9			0.011	0.54	1.8	2.9	0.41	0.19	11.2	16	26	4	2	52					
		B2	80-90	CL	18	41	17	13	30	6.3	38	0.002				1.5			0.008	0.51	2.6	4.6	0.24	0.60	12.0	22	38	2	5	33					
		C	10-120	L	14	22	36	18	21	7.9	79	0.006				1.3			0.008	0.30	3.1	4.8	0.16	0.113	9.9	31	48	2	11	8					
		C	140-150		16					8.4	86	0.006																						
718	St2	A1	0-3	SL	8					5.7	110	0.007	5.9	0.44	17		29	240																
		A1	3-10	CSL	13					5.3	33	0.001	2.4	0.17	18		13	120																
		A2	10-30	LS	13	52	30	10	8	4.9	17	0.001	0.60	0.047	17	0.7	7	70	0.010	0.085	0.36	0.35	0.22	0.05	5.8	6	6	4	1	83					
		A2	30-30	LS	16	53	30	10	8	5.2	12	0.001	0.21	0.022	12	0.6	6	70	0.008	0.067	0.15	0.4	0.19	0.03	3.2	5	11	6	1	77					
		B1	50-60	C	16	16	12	2	67	5.2	65	0.004				3.9			0.010	0.50	0.01	5.8	0.68	1.4	23.3	<1	25	3	6	66					
		BC	80-90	C	17	35	19	7	39	5.1	86	0.010				1.2			0.006	0.78	0.02	7.2	0.20	2.4	20.6	<1	35	1	12	52					
719	Ar1	A1	0-6	LS/L	15	43	28	13	10	5.7	56	0.002	4.4	0.22	26	0.5	11	140	0.015	0.17	6.3	1.0	0.35	0.06	17.6	36	6	2	<1	56					
		A2	6-10	LS/L	20					5.8	25	0.001	1.0	0.063	21		7	80																
		A2	10-20	LS/L	20					5.7	21	0.001	0.53	0.041	17		17	100																
		A2	20-30	LS	27	50	31	12	6	5.7	17	0.001	0.35	0.028	16	0.5	7	100	0.010	0.18	1.2	0.31	0.22	0.03	4.4	27	7	5	1	60					
		B	50-60	LS	34	46	28	16	9	5.4	20	0.001				0.8			0.009	0.75	1.3	0.53	0.45	0.09	10.2	13	5	4	1	77					
		C	80-90	LS	31	56	26	10	5	5.5	28	0.001				1.2			0.011	0.68	1.5	0.78	0.40	0.16	11.8	13	7	3	1	76					
720	CR1	A	0-5	SiCL	20	3	37	27	26	5.8	100	0.004	4.6	0.36	17	5.7	14	140	0.031	0.23	15.7	5.6	0.46	0.28	35.3	44	16	1	1	38					
		B	5-10	HC	18					6.0	62	0.002	2.0	0.18	14		8	70																
		B	10-20	C	24	2	33	17	47	6.2	66	0.001	1.5	0.12	16	5.8	7	60	0.017	0.062	22.5	9.2	0.18	0.65	35.8	63	26	1	2	8					
		B	20-30	CL	20	5	42	18	32	6.4	61	0.002	0.89	0.065	18	5.9	3	50	0.01	0.042	22.4	9.9	0.11	0.88	33.3	67	30	<1	3					
		B-C	50-60	L	22	7	58	19	13	7.0	39	0.001				4.6			0.009	0.023	15.8	10.2	0.08	0.99	27.0	58	38	<1	4					
721	CR2	A	0-10	SiCL	16	3	38	26	30	6.3	65	0.003	2.1	0.18	15	5.1	8	300	0.027	0.33	7.9	5.1	1.3	0.59	26.2	30	19	5	2	44					
		A	10-12	CL	16					6.5	58	0.002	1.7	0.14	16		7	260																
		B	12-20	HC	18					6.9	74	0.002	1.1	0.085	17		5	300																
		B	20-30	C	28	1	18	12	68	7.6	130	0.006	0.64	0.060	14	6.0	4	320	0.015	0.43	16.7	19.7	1.4	3.4	47.2	35	42	35	7	13					
		B	50-60	C	25	2	19	14	63	8.7	650	0.036				6.1			0.015	0.39	14.6	24.2	1.1	6.9	47.8	31	51	2	14	2					
		B	80-90	C	18	2	19	18	60	8.6	1300	0.115				6.6			0.013	0.32	12.0	22.2	1.5	7.0	47.8	25	46	3	15	1					
722	Ky2	A1	0-7	L	13	13	52	12	17	5.5	68	0.005	3.3	0.24	18	1.7	14	240	0.026	0.28	3.9	1.3	0.70	0.07	15.2	26	9	5	<1	60					
		A2	7-10	GrFSL	57					5.4	29	0.002	1.1	0.092	16		7	100																
		A2	10-15	L	53	19	54	12	19	5.7	28	0.002	0.51	0.036	18	1.6	6	90	0.011	0.21	1.7	0.88	0.29	0.08	5.4	32	16	5	1	46					
		B1	15-20	HC	23					6.6	77	0.006	0.51	0.062	11		3	240																
		B1	20-30	C	20	3	12	6	76	7.2	110	0.008	0.51	0.060	11	5.3	3	380	0.024	0.90	8.7	5.9	1.6	0.80	24.0	36	25	7	3	29					
		B2	50-60	C	21	3	14	9	71	7.9	280	0.028				4.9			0.023	0.91	7.8	8.0	1.4	1.6	21.5	36	37	7	7	13					
		B-C	80-90	C	25	6	25	22	45	8.5	390	0.039				4.1			0.035	0.59	3.9	6.0	0.60	1.3	11.5	33	51	5	11	0					
		B-C	110-120	C	38					8.4	480	0.063																						
		B-C	140-150	C	42					8.3	530	0.075																						
723	Ky1	A1	0-7	LS	8	16	59	13	9	5.4	28	0.001	1.5	0.11	18	1.2	15	140	0.014	0.16	2.0	0.77	0.42	0.08	10.4	19	7	4	1	69					
		A2	7-10	GrFSL	29					5.3	24	0.001	0.75	0.052	19		3	80																
		A2	10-17	LS	31	19	60	15	5	5.8	17	0.001	0.62	0.039	21	1.0	3	80	0.008	0.088	1.3	0.55	0.20	0.13	4.8	27	11	4	3	55					
		B	17-20	HC	34					6.1	89	0.003	0.42	0.035	16		3	160																
		B	20-30	C	26	10	31	9	49	6.1	100	0.006	0.33	0.037	12	2.6	4	200	0.007	0.37	4.7	9.3	0.91	1.9	24.0	20	39	4	8	30					
		B	50-60	C	22					7.3	330	0.032																						
		B	80-90	C	21	9	40	12	37	8.0	500	0.055				1.6			0.005	0.27	3.0	9.9	0.61	3.6	18.4	16	54	3	20	7					
		B	110-120	C	22					7.6	560	0.067																						
		B-C	140-150	C	13					5.1	780	0.100																						
		B-C	170-180	C	15					4.6	780	0.100																						
724	Ky3	A1	0-10	L	15	4	55	22	14	6.3	360	0.055	2.8	0.23	11	1.2	10	140	0.019	0.27	7.6	3.9	0.50	0.63	17.1	44	23	3	4	26					
		A1	10-20	L	7					7.1	230	0.036	0.90	0.063	19		4	100																
		A1	20-22	L	5					7.2	270	0.039	0.52	0.043	16		5	120																
		A2	22-30	L	5	4	64	18	13	7.1	190	0.027	0.24	0.019	16	0.6	7	100	0.008		1.7	1.3	0.21	0.42	3.9	44	33	5	11	7					
		A2	50-56	L	6					7.2	72	0.009																						
		B1	56-60	L	9	6	63	16	14	7.5	110	0.017				1.1			0.007	0.26	1.3	1.5	0.22	0.37	4.1	32	37	5	9					
		B1	80-90	L	13	12	58	13	18	7.6	230	0.032				2.0			0.010	0.34	1.5	2.1	0.27	0.54	5.7	26	37	5	9	23					
		B2	110-120	SC	15					6.0	350	0.048																						
		B-C	140-150	C	15					6.5	770	0.124																						

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-	Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
725	Wt2	A1	0-8	SiL	10	4	36	30	22	5.0	61	0.004	3.2	0.23	18	3.9	14	180	0.020	0.26	1.2	0.95	0.61	0.09	20.9	6	5	3	<1	86					
		A2	8-10	LC	12					4.9	31	0.002	1.7	0.12	18		7	100																
		A2	10-20	LC	13					5.2	19	0.001	0.98	0.60	21		7	50																
		A2	20-30	SiL	32	10	37	28	23	5.2	16	0.001	0.60	0.52	15	2.6	6	40	0.008	0.28	0.57	1.17	0.14	0.07	10.4	5	5	1	1	82					
		B1	40-50	LC	24					5.4	24	0.002																						
		B2	50-60	C	17	3	16		61	5.3	27	0.001				4.8			0.012	0.66	0.91	5.2	0.29	0.41	26.7	3	3	1	2	75					
		B2	80-90	C	20	2	14	15	61	5.8	29	0.002				4.8			0.011	0.70	0.87	7.8	0.31	0.75	27.6	3	3	1	3	65					
		B-C	110-120	C	31			18		6.0	29	0.003																						
726	Ds6	A1	0-10	L	19	14	39	21	20	5.3	73	0.004	4.3	0.33	17	6.2	11	240	0.053	0.21	3.5	1.0	0.84	0.11	24.1	15	4	3	<1	78					
		A2	10-20	CL	26	16	34	20	28	5.4	47	0.001	3.0	0.23	17	6.6	9	100	0.049	0.21	4.3	0.94	0.39	0.12	23.8	18	4	2	1	75					
		A2	20-24	CL	28					5.7	54	0.001	2.6	0.17	20		6	90																
		B	2-30	GrC	36					5.3	48	0.001	1.4	0.09	20		6	100																
		B	50-60	C	33	9	17	9	62	5.1	27	0.002				5.9			0.041	0.37	3.7	0.89	0.29	0.16	21.9	17	4	1	1	77					
		B	80-90	C	23	6	17	11	62	5.2	52	0.002				5.9			0.044	0.32	3.8	1.6	0.26	0.27	21.3	18	8	1	1	72					
		B	110-120	C	20					5.6	51	0.003																						
727	Wd1	A1	0-2	SiL	29	10	37	31	13	4.7	41	0.002	5.4	0.26	27	2.2	7	180	0.017	0.27	0.65	0.85	0.84	0.15	24.8	3	3	3	1	90					
		A2	2-10	CL	20					4.7	27	0.001	1.2	0.080	20		4	80																
		A2	10-20	SiL	31	9	33	38	20	5.0	30	0.011	0.60	0.060	13	2.0	4	40	0.009	0.26	0.01	0.70	0.18	0.17	11.0	<1	6	2	2	90					
		B	20-30	SiCL	17	6	32	33	27	5.1	40	0.001	0.39	0.045	11	2.1	3	40	0.010	0.30	0.05	1.3	0.17	0.36	13.3	<1	10	1	3	86					
		B	50-60	SiL/SiCL	19	8	38	28	25	5.4	30	0.001				2.0			0.011	0.27	0.05	1.8	0.21	0.29	11.6	<1	16	2	2	80					
728	Cw2	A1	0-10	SL	7	34	39	9	16	5.5	56	0.003	4.4	0.19	30	0.7	16	100	0.015	0.12	5.2	2.1	0.36	0.09	19.7	26	11	2	<1	61					
		A2	10-20	LCS	8						31	0.002	1.0	0.068	19		4	60																
		A2	20-30	LS	8	50	29	12	8	5.6	19	0.001	0.40	0.029	18	0.5	5	30	0.005	0.06	0.90	0.51	0.11	0.08	3.7	24	14	3	2	57					
		A&B	50-60	SL	8	43	32	10	15	5.7	19	0.001				1.1			0.005	0.14	0.60	0.42	0.11	0.27	4.9	12	9	2	2	75					
		B	80-90	C	21	23	26	10	41	6.0	73	0.011				1.9			0.004	0.32	1.1	5.4	0.15	1.5	9.4	12	57	2	16	13					
		B-C	110-120	SC	16					5.5	63	0.007																						
										5.7																								
729	TH4	A1	0-10	SL	9	40	38	8	10	4.4	62	0.005	4.6	0.27	22	1.0	16	90	0.015	0.072	0.78	0.63	0.23	0.24	18.3	4	3	1	1	91					
		A2	10-20	GrCSL	17					4.7	27	0.001	1.0	0.057	23		6	40																
		A2	20-30	SL	27	46	32	9	12	4.9	19	0.001	0.46	0.034	18	0.8	6	40	0.006	0.062	0.03	0.55	0.16	0.24	4.5	1	12	4	5	78					
		A2	50-57	SL	33					5.1	12	0.001																						
		A-B	57-60	GC	28					5.4	32	0.003																						
		B1	80-90	C	18	14	11	1	73		190	0.025				4.5			0.007	0.22	0.04	6.3	0.20	1.9	22.9	<1	28	1	8	63					
		B1	110-120	C	24					4.9	250	0035																						
		B2	140-150	C	19	13	9	1	74	4.7	480	0.062				2.3			0.004	0.18	0.04	14.1	0.23	5.4	32.6	<1	43	1	17	39					
										4.7																								
730	TH4	A1	0-10	LS	9	48	34	10	6	5.4	27	0.002	2.2	0.136	21	0.3	13	80	0.010	0.069	1.70	0.41	0.27	0.16	10.5	16	4	3	2	75					
		A2	10-20	LCS	12					5.1	20	0.001	0.60	0.040	20		5	50																
		A2	20-30	LS	11	53	30	11	6	5.5	11	0.001	0.27	0.021	17	0.3	4	50	0.008	0.047	0.46	0.08	0.13	0.09	2.5	18	3	5	4	70					
		B	50-60	LCS	17					5.7	11	<0.001																						
		B	80-90	LS	15	53	34	9	5	6.0	12	0.001				0.7			0.007	0.064	0.50	0.07	0.18	0.07	2.4	21	3	7	4	65					
		B	110-120	CS	22					6.2	15	0.001																						
		B	140-150	S	13					6.1	12	0.001																						
		B	170-180	S	19					6.2	19	0.001																						
1015	Re3	A1	0-9	FSL	1	9	72	8	9	4.7	30	0.001	0.77	0.100	10		18	420	0.013	0.20	1.1	0.3	0.5	0.03	6.5	17	5	8	1	70					
		A2	10-16	LS	1	10	72	12	7	5.0	13	0.001	0.23	0.030	10		14	500	0.009	0.18	0.8	0.3	0.3	<0.01	4.0	20	8	8	1	64					
		B2	16-20	C	0					6.0	28	0.001	0.35	0.044	10		12	640																
		B2	20-30	C	0	5	38	9	47	6.7	49	0.001	0.48	0.040	16		12	820	0.019	0.73	6.6	3.4	1.9	0.4	19.1	35	18	10	2	35	41	20	21	11.4	CL
		B2	30-60	C	0					6.8	96	0.008																						
		B2	60-69	C	0					6.8	260	0.035																						
		BC	69-90	C	0	2	38	20	38	7.0	390	0.044							0.021	0.68	5.8	4.7	1.7	1.0	18.7	31	25	9	5	30	41	15	26	12.6	CL
		C	90-110		0					7.7	360	0.039																						
1016	Re4	A	0-10	L	1	4	61	15	17	6.0	120	0.005	3.9	0.20	25		51	680	0.038	0.33	6.3	4.3	1.2	0.2	22.0	29	20	5	1	45					
		C	10-20	L	0	1	62	16	18	5.9	69	0.001	1.2	0.11	14		28	500	0.028	0.37	4.5	4.0	0.6	0.3	16.1	28	25	4	2	41					
		C	20-30	L	0					6.2	70	0.002	1.1	0.11	13		26	560																
		C	30-60	L	0					6.2	110	0.006																						
		C	60-90	L	0	6	56	18	19	5.9	110	0.002							0.028	0.27	4.8	4.9	0.2	0.3	17.4	28	28	1	2	41	32	17	15	9.0	ML
		C	90-10	L	0					5.9	62	0.003																			34	17	17	10.0	ML
		II C	120+	CL	1	12	41	21	24	6.1	59	0.003							0.043	0.31	6.5	5.4	0.2	0.4	24.1	27	22	1	2	48	37	19	18	9.8	ML

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1017	Re2	AW	0-10	L	1	5	66	12	15	5.7	44	0.002	0.88	0.087	13		14	620	0.001	0.23	3.1	1.6	0.6	0.06	10.6	29	15	6	1	49					
		AW	10-15	L	0					6.2	26	0.01	0.56	0.055	13		12	580																
		A11	15-20	L	0	8	62	14	13	6.4	23	0.01	0.71	0.040	23		12	520	0.010	0.23	3.8	1.6	0.5	0.08	12.0	32	13	4	1	50					
		A12	23-30	LS	1	12	65	16	7	6.8	14	0.00	0.21	0.024	11		12	260	0.05	0.12	1.5	0.7	0.3	0.02	4.2	36	17	7	1	40					
		A12	30-40	LS	2					6.9	13	0.001																						
		A2	40-50	LS	1	15	61	18	6	6.9	12	0.001							0.05	0.07	0.7	0.4	0.1	0.04	3.0	23	13	3	1	60					
		B2	52-60	CL	1	13	44	11	31		33	0.001							0.05	0.38	2.7	2.7	0.4	0.08	11.7	23	23	3	7	44	26	9	18	11.0	CL
		B2	60-90	CL	2	14	45	9	31	7.2	38	0.001																						
		C	98-120	C	6	20	48	4	27	7.5	230	0.009							0.08	0.35	3.3	4.0	0.6	2.0	11.7	28	34	5	17	16	21	12	9	6.8	CL
		C	120-150	C	1					8.8	540	0.056																						
										8.5																								
1018	ME3	A	0-10	CL	30	19	32	20	25	4.6	250	0.024	2.3	0.15	20		28	320	0.021	0.49	0.9	1.7	0.6	0.4	17.3	5	10	3	2	80					
		B	13-20	CL	41	16	22	24	36	4.7	210	0.019	0.93	0.077	16		8	400	0.017	0.73	0.3	2.5	0.5	0.4	12.5	2	20	4	3	71					
		B	20-30	SiC	12	9	18	28	42	4.9	210	0.021	0.58	0.078	10		10	360	0.014	0.76	0.2	3.7	0.6	0.5	11.7	2	32	5	4	57	35	19	16	8.8	CL
		B	30-53	SiC	17					5.9	260	0.026																						
1019	ME1	A11	0-6	L	15	17	37	19	16	5.5	220	0.015	8.3	0.25	43		150	720	0.042	0.42	10.4	3.5	1.0	0.3	41.4	25	8	2	1	64					
		A12	6-10	L	77	12	45	20	17	5.3	370	0.034	3.5	0.11	41		55	340																
		A2	12-18	L	52	12	42	21	21	5.0	550	0.060	1.7	0.12	18		25	460	0.017	0.40	2.3	2.7	0.4	0.6	16.0	14	17	3	4	62					
		B	20-30	CL	8	10	33	22	33	4.4	650	0.073	0.77	0.062	16		10	420	0.016	0.58	0.7	3.2	0.4	0.5	12.6	6	25	3	4	62	28	17	11	7.0	CL
1020	ME5	AW	0-7	CL	3	7	36	23	29	6.0	100	0.005	2.3	0.14	21		17	640	0.032	0.39	6.9	5.6	1.2	0.2	26.1	26	21	5	1	47					
		A1	7-10	SiCL	5	10	37	25	27	6.2	38	<0.001	1.1	0.099	14		13	520	0.027	0.37	6.2	4.9	0.9	0.3	22.0	28	22	4	1	45					
		A1	10-17	SiCL	30					6.5	31	<0.001	0.58	0.052	15		18	440																
		A2	17-20	CL	21					7.3	25	<0.001	0.17	0.034	7		35	360																
		A2	20-29	CL	23	21	30	14	32	7.1	45	<0.001	0.20	0.019	14		17	400	0.020	0.27	4.1	6.2	0.6	1.0	19.9	19	28	3	5	45					
		B1	30-46	C	19	26	28	10	33	7.0	120	0.009							0.022	0.31	3.7	6.9	0.6	1.9	21.4	17	32	3	9	39	34	16	18	10.8	CL
		B2	46-59	MC	20	13	20	8	57	7.6	620	0.054							0.014	0.39	6.1	14.4	0.9	4.4	32.4	19	44	3	14	20	58	25	33	15.4	CH
		C	60-90	MC	40	35	13	6	45	8.7	590	0.040							0.025	0.32	4.9	13.3	0.7	5.2	27.9	17	48	3	19	13					
		D	90+																															
1021	ME4	A	0-10	SL	5	25	55	5	12	5.7	55	0.003	1.2	0.094	17		18	560	0.0017	0.18	1.7	1.9	0.7	0.1	11.1	15	17	6	1	61					
		B21	10-20	LMC	4	15	37	4	40	6.8	80	0.004	0.70	0.058	16		28	620	0.0014	0.46	2.7	6.7	1.1	0.9	18.7	14	36	6	5	39	34	15	19	11.4	CL
		B21	20-30	LMC	1					7.5	190	0.014	0.44	0.054	11		27	640																
		B21	30-50	LMC	3					8.7	650	0.041																						
		B22	50-60	LMC	3	9	24	4	56	9.1	1100	0.075							0.010	0.60	2.9	12.2	1.3	4.7	27.1	11	45	5	17	22	58	22	36	13.0	CH
		B22	60-90	LMC	1					9.1	1200	0.084																						
		BC	90-120	MC	5	8	24	5	58	9.0	1400	0.115							0.007	0.39	2.1	11.3	0.8	5.3	21.2	10	53	4	25	8					
1022	My1	A	0-5	L	12	13	48	16	18	5.4	91	0.005	3.3	0.22	20		50	440	0.023	0.42	3.0	1.4	0.9	0.04	18.8	16	7	5	1	72					
		A	50-10	CL	14	11	40	19	26	5.9	53	0.002	1.7	0.15	15		50	580	0.017	0.46	4.1	1.9	0.7	0.1	16.4	25	12	4	1	58					
		B	10-20	MC	7	7	27	18	46	6.0	81	0.002	0.57	0.090	8		40	480	0.015	0.59	2.6	3.1	0.7	0.5	16.1	16	19	4	3	58	29	17	12	5.6	CL
		B	20-30	MC	8					6.1	190	0.006	0.59	0.078	10		10	460																
		BC	30-47	MC	<1					6.7	510	0.009																						
1023	My2	A1	0-10	SL	4	29	56	4	10	5.4	30	0.001	0.90	0.067	17		26	400	0.014	0.19	1.0	0.7	0.4	0.04	8.5	12	8	5	1	75					
		A2	10-16	L	15	19	56	13	12	6.2	25	0.001	0.57	0.045	16		13	560	0.008	0.20	1.5	1.0	0.5	0.2	7.0	21	14	7	3	55					
		B	16-20	MC	1	13	40	9	36	6.8	130	0.005	0.42	0.052	11		9	700																
		B	20-30	MC	<1	7	24	5	62	7.2	140	0.007	0.49	0.058	11		23	780	0.010	0.80	3.3	8.0	1.7	3.3	25.2	13	32	7	13	35	46	19	27	12.0	CL/
		B	30-60	MC	<1					7.8	1200	0.116																						CH
		C	60+																															
1024	GC3	A1	0-10	SiL	9	13	43	26	14	5.5	240	0.027	2.5	0.16	20		25	400	0.021	0.028	1.1	1.9	0.5	0.8	14.9	7	13	3	5	71					
		A2	12-20	L	2					5.2	160	0.012	0.63	0.065	20		33	400																
		A2	20-27	L	1	25	30	25	19	5.3	150	0.017	0.37	0.040	12		20	380	0.013	0.33	0.5	1.7	0.2	0.5	8.6	6	20	2	6	66					
		B2	27-30	L	4	32	26	22	18	5.4	110	0.010	0.32	0.045	9		12	400																
		B2	30-60	C	8	8	14	23	51	6.3	340	0.033							0.018	0.56	0.7	8.2	0.4	2.2	19.1	4	43	2	12	39					
1025	GC2	A1	0-10	L	17	21	44	17	16	4.6	42	0.004	1.9	0.11	22		38	240	0.015	0.29	0.3	0.6	0.5	0.04	14.0	2	4	4	<1	90					
		A2	10-20	CL	14	20	35	19	26	4.8	23	0.001	0.55	0.058	12		10	200	0.015	0.45	0.03	0.8	0.3	0.04	11.4	<1	7	3	<1	90					
		B2	21-30	MC	4	7	27	17	46	5.1	26	0.001	0.44	0.071	8		11	470	0.017	0.69	0.03	2.8	0.5	0.1	14.8	<1	19	3	1	77	41	21	20	11.0	CL
		B2	30-45	MC	2	6	18	9	65	5.6	44	0.003																						

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1026	GC4	AW	0-7	L	<1	9	54	17	16	5.2	70	0.004	2.2	0.17	17		18	500	0.018	0.28	2.5	1.2	0.7	0.02	14.3	17	8	5	<1	70					
		A1	10-20	LS	<1	17	58	16	9	5.5	21	0.001	0.62	0.050	16		12	520	0.12	0.20	1.4	0.7	0.4	<0.01	7.1	20	10	6	<1	64					
		A1	20-26	LS	<1					5.7	25	0.002	0.62	0.039	21		12	440																
		A2	26-30	LS	<1					5.9	15	0.003	0.34	0.026	17		25	560																
		A2	30-51	LS	3	22	59	14	4	6.3	12	0.001							0.008	0.094	0.6	0.3	0.1	0.02	1.8	33	17	6	1	43					
		B21	51-60	SCL	3	22	46	8	22	6.4	21	0.001							0.009	0.41	2.0	1.5	0.2	0.1	8.0	25	19	3	1	52	21	15	6	5.0	CL
		B21	60-78	SCL	1					6.5	21	0.001																						
		B22	78-90	CL	0	1	43	25	32	6.5	32	0.003							0.012	0.60	3.2	3.2	0.6	0.3	13.5	24	24	4	2	46	39	17	22	11.6	CL
1027	Fs2	A1	0-10	L	28	13	47	23	14	4.4	36	0.003	3.5	0.13	35		13	420	0.014	0.25	0.2	0.2	0.4	0.07	26.4	13	1	4	<1	96					
		A1	10-14	L	21					4.7	26	0.003	2.1	0.066	41		6	160																
		A2	14-20	L	24	13	41	25	19	4.9	27	0.002	1.2	0.049	32		11	160	0.012	0.31	<0.1	0.4	0.2	0.1	15.1	<1	3	1	1	95	23	20	3	2.8	ML
		A2	20-30	L	14					5.1	19	0.002	0.43	0.049	11		10	280																
		A2	30-47	L	<1	13	46	20	21	5.5	13	0.002							0.011	0.36	0.1	1.6	0.1	0.1	10.8	1	15	1	1	82					
		B2	47-60	CL	0	12	37	15	32	5.7	16	0.001																						
		B2	60-90	C	0	4	24	10	58	5.8	24	0.002							0.018	0.51	0.1	8.2	0.2	0.8	24.7	<1	33	1	3	63	77	26	51	16.0	MH
		B2	90-120	C	0					6.0	23	0.002																						
		B2	120-130	C	0					6.0	40	0.005																						
1028	Fs3	A1	0-10	SiL	9	13	32	38	14	5.3	110	0.004	3.5	0.25	18		18	820	0.028	0.48	2.8	1.2	1.2	0.06	21.1	13	6	6	<1	75					
		A1	10-13	SiL	24					5.2	40	0.003	1.6	0.14	15		15	660																
		A2	13-20	SiL	27					5.3	26	0.002	0.87	0.10	11		12	620																
		A2	20-30	SiL	39	11	34	39	14	5.7	17	0.003	0.44	0.064	9		13	640	0.020	0.5	1.7	0.7	0.6	0.05	9.7	18	7	6	1	68					
		A2	30-54	SiL	53	16	31	37	15	5.9	12	0.001							0.018	0.51	1.4	0.9	0.5	0.03	8.8	16	10	6	<1	68					CL
		B	54-60	CL																														
1029	Fs1	A1	0-10	SiL	49	19	25	33	16	4.8	56	0.003	6.0	0.37	21		19	560	0.029	0.42	3.1	1.0	0.1	0.03	35.8	9	3	<1	<1	88					
		A2	10-20	SiL	63	11	27	37		4.4	50	0.003	2.4	0.16	20		13	380	0.020	0.41	0.1	0.2	0.6	0.04	27.7	<1	1	2	<1	97					ML
									21 4																									
1030	St1	A1	0-10	L	4	49	24	12	12	6.0	63	0.005	3.6	0.31	15		19	540	0.024	0.32	9.0	1.4	0.5	0.03	19.7	46	7	3	<1	44					
		A1	10-15	L	14					6.3	49	0.004	2.3	0.21	14		21	480																
		A2	15-20	SL	16					6.7	34	0.005	0.96	0.097	13		13	560																
		A2	20-30	SL	20	50	25	10	12	6.8	27	0.004	0.53	0.062	11		17	580	0.015	0.34	4.9	0.8	0.2	0.2	10.0	49	8	2	2	39					SM/
		A2	30-35	SL	19					7.0	23	0.003																						SC
		B21	35-60	SL	24					7.1	23	0.002																						
		B21	60-66	SL	25					6.9	24	0.004																						
		B22	66-90	SL	30	52	26	9	12	6.6	20	0.003							0.011	0.42	2.0	0.8	0.4	0.05	6.6	30	12	6	1	51					SM/
																																	SC	
1031	St2	A1	0-6	SL	23	45	30	9	9	5.1	63	0.007	3.1	0.22	18		21	480	0.018	0.15	3.1	1.1	0.3	0.1	16.1	19	7	2	1	71					
		A2	6-10	LS	27					5.1	32	0.003	1.2	0.089	18		17	320																
		A2	10-20	LS	25	51	31	11	7	5.3	22	0.003	0.44	0.036	16		16	400	0.010	0.09	0.6	0.7	0.3	0.05	6.5	9	11	5	1	71					
		A2	20-30	LS	27					5.3	23	0.003	0.43	0.036	16		13	400																
		A2	30-56	LS	39	53	31	9	6	5.6	15	0.002						350	0.009	0.071	0.4	0.5	0.2	0.04	3.9	10	13	5	1	71					
		B2	56-60	L	31	43	26	11	18	5.7	19	0.003						280	0.008	0.25	1.6	1.6	0.4	0.2	6.8	24	24	6	3	43					
		B2	60-90	C	23	36	18	8	38	5.1	35	0.005						160	0.006		4.8	4.4	0.9	0.5	19.7	24	22	5	3	46	51	22	29	11.0	CH
		B2	90-113	C	35					5.2	32	0.004																						
1032	Ee2	AW	0-10	S	1	54	34	4	6	5.8	40	0.004	1.1	0.080	18		18	440	0.011	0.14	1.8	1.4	0.3	0.05	6.7	27	21	4	1	47					
		AW	10-16	S	0					5.9	32	0.003	0.06	0.043	18		26	400																
		A1	16-20	L	0	12	58	15	13	5.8	28	0.002	0.59	0.050	15		15	320	0.011	0.15	1.5	2.1	0.4	0.09	9.2	16	23	4	1	56					
		A1	20-24	L	0					5.8	30	0.003	0.69	0.063	17		13	280																
		A1	24-30	SiL	0					5.6	25	0.002	0.57	0.046	16		15	260																
		A2	30-42	SiL	1	12	47	25	14	5.6	21	0.003																						
		B2	42-60	MC	6	8	25	16	48	5.2	43	0.003						170	0.010	0.26	1.6	6.6	0.4	1.1	24.5	7	27	2	4	60	59	20	39	11.0	CH
		B2	60-90	MC	7					5.2	58	0.006																						
		B2	90-100	MC	12	9	21	20	46	4.9	150	0.018						150	0.008	0.23	1.6	8.6	0.3	2.7	24.7	6	35	11	1	47	52	19	33	11.0	CH
1033	Gt4	A1	0-	L	13	17	52	15	15	4.8	105	0.008	4.3	0.11	51			280			3.0	3.1	1.0	0.2	24.1	12	13	4	1	70					
		A2	6-10	L	40	14	57	13	13	5.0	50	0.003	2.3	0.13	23			220																
		A2	10-13	L	36	14	56	12	15	4.9	55	0.002	1.7	0.090	25			190			0.7	3.1	0.6	0.3	14.6	5	21	4	2	68					
		B2	13-20	CL	28	12	45	10	30	4.9	109	0.004	0.84	0.064	17			220																
		B2	20-30	C	11	20	41	9	38	5.1	187	0.008	0.56	0.050	15			230			0.5	8.7	0.8	1.6	19.4	3	45	4	8	40	32	14	18	11.0	CL
		B2	30-46	C	15					5.8	320	0.026																						

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1034	ME3	A	0-7	CL	19	21	40	13	22	5.9	89	0.006	2.7	0.18	20			350			4.6	4.3	1.0	0.4	19.1	24	23	5	2	46					
		B21	7-10	L	15	21	38	17	22	5.6	74	0.003	1.1	0.062	23			180			1.2	3.8	0.6	0.7	15.1	8	25	4	5	58					
		B21	10-20	C	1	9	18	10	60	5.6	307	0.023	0.84	0.065	17			320			1.7	10.3	1.2	2.9	29.3	6	35	4	10	45	53	20	33	12.0	CH
		B21	20-30	C	7					6.6	470	0.039	0.50	0.058	11			380																
		B22	30-60	C	27	8	11	12	69	8.5	1300	0.124						200			2.9	17.1	1.3	5.2	27.7	10	62	5	19	4	56	21	35	12.0	CH
1035	Re1	A	0-10	MC	8	6	21	11	62	7.8	210	0.004	0.70	0.071	13			240			32.5	12.0	1.2	0.4	50.9	64	24	2	1	9	73	26	47	19.0	CH
	Puff	B2	10-20	HC	5	6	21	9	64	8.1	144	0.002	0.42	0.019	11			200			30.6	13.4	1.0	0.9	46.4	66	29	2	2	1					
		B2	20-30	HC	4					8.3	140	0.002	0.35	0.044	10			220																
		B2	30-60	HC	7	6	22	9	63	8.6	202	0.002						200			24.8	15.0	1.0	3.9	48.7	51	31	2	8	8	75	28	47	16.0	CH
		B2	60-85	HC	7					8.7	444	0.020																						
		BC	90-120	C	4	5	23	11	64	8.5	1540	0.164									17.8	16.1	1.2	9.8	47.0	38	4	3	21	4	80	26	54	21.0	CH
1035	Rel	A	0-10	LMC	1	9	35	18	37	6.8	95	0.006	1.5	0.143	14			370			11.5	6.5	1.4	1.4	31.0	37	21	5	5	32	49	20	29	13.0	CL/
		A	10-17	CL	1	10	41	19	28	6.9	48	0.002	0.76	0.073	14			200			10.0	4.8	0.7	1.1	22.9	44	21	3	5	27					CH
	Depress -ion	B2	20-30	MC	<1	8	32	15	44	7.2	56	0.002	0.55	0.57	13			210			14.6	7.8	0.8	2.5	33.9	43	23	2	7	25	51	21	30	19.0	CH
		B2	30-60	MC	1					8.0	112	0.004																						
		B2	60-79	MC	4					8.7	433	0.020																						
		BC	79-90	HC	4	7	22	13	60	8.9	760	0.041						250			16.3	14.2	1.2	9.5	43.9	37	32	3	22	6	76	27	49	20.0	CH
1036	Gt1	A1	0-4	L	11	24	43	14	14	4.9	105	0.008	5.8	0.29	26			190			1.6	1.8	0.6	0.5	27.7	6	6	2	2	84					
		A2	4-10	L	9	20	47	14	15	4.6	59	0.003	2.0	0.092	28			110			0.2	0.9	0.3	0.3	13.8	1	7	2	2	88					
		A2	10-16	CL	5	21	41	13	24	4.6	54	0.004	1.2	0.069	23			90			0.2	1.3	0.3	0.3	13.3	2	10	2	2	84					
		B2	16-20	MC	4	18	34	11	35	5.0	41	0.003	0.81	0.063	17			80																
		B2	20-30	MC	1	14	28	10	47	5.1	64	0.004	0.75	0.067	15			60			0.2	4.6	0.3	0.8	17.0	1	27	2	5	65	38	17	21	8.0	CL
		B2	30-49	MC	5					4.9	204	0.017																						
1037	Gt2	A	0-8	CL	22	13	36	16	34	4.9	179	0.020	2.1	0.14	20			190			1.0	6.3	0.6	1.0	23.8	4	26	3	4	63					
		B21	10-20	MC	7	13	38	15	34	5.6	428	0.042	0.76	0.068	15			170			0.3	9.4	0.6	3.3	21.6	1	44	3	15	37	34	14	20	10.0	CL
		B21	20-25	MC	5					6.4	771	0.083	0.52	0.061	11			180																
		B22	25-30	MC	5					6.9	1020	0.113	0.26	0.045	8			200																
		B22	30-60	MC	10	15	31	11	43	7.0	1130	0.132						190			0.08	11.9	0.8	6.1	22.9	<1	52	3	27	17	40	16	24	9.0	CL
		B22	60-76	MC	3					6.9	1090	0.130																						
		BC	76-90	C	9	11	33	11	43	7.0	1250	0.154						160			0.08	12.2	0.6	6.8	24.3	<1	50	2	28	20					
		BC	90-100	C	9					6.9	1370	0.165																						
1038	Gt4	A1	0-6	L	9	18	41	19	20	5.4	70	0.005	2.6	0.020	17			230			3.5	2.7	0.7	0.2	20.2	17	13	3	1	66					
		A2	6-10	L	16	21	41	16	19	5.5	40	0.002	1.4	0.10	18			150			2.8	2.8	0.5	0.2	16.1	17	17	3	1	62					
		A2	10-20	L	27					5.6	48	0.002	0.69	0.053	17			170																
		A2	20-30	CL	16	22	38	11	30	5.5	80	0.005	0.24	0.029	11			150			3.7	5.7	0.5	1.0	16.4			3							
		B21	32-47	CL	8	22	41	11	26	5.6	177	0.017						140			3.4	5.8	0.5	1.5	15.6	22	37	3	10	18	28	12	16	4.4	CL
		B22	47-60	CL	3	20	39	11	30	6.2	436	0.051						160			3.8	7.14	0.5	2.4	17.9	21	40	3	13	23	31	13	18	9.0	CL
		B22	60-85	CL	2					8.1	736	0.085																						
		B23	90-120	HC	1	14	34	11	40	8.0	823	0.096						150			5.1	9.4	0.5	3.6	22.1	23	43	2	16	16	39	14	25	14.0	CL
		B23	120-150	HC	1					5.5	893	0.109																						
		B23	150-180	HC	5	14	35	12	39	4.5	892	0.110																			43	14	29	14.0	CL
		B23	180-200	HC	13					4.3	901	0.109																						
1039	Gt5	Aw	0-10	L	4	18	54	14	11	5.0	44	0.004	1.2	0.099	16			180			1.8	1.0	0.6	0.004	11.3	16	9	5	<1	70					
		Aw	10-15	L	3					5.8	27	0.002	0.76	0.061	16			110																
		A1	15-20	L	3	18	52	16	13	5.9	30	0.003	0.70	0.058	16			90			2.6	1.7	0.3	0.3	13.0	20	13	2	2	63					
		A1	20-29	L	1	17	47	14	20	5.5	47	0.003	0.56	0.055	13			90			2.9	2.6	0.3	0.8	19.5	15	13	2	4	66					
		A2	30-37	L	3	21	49	14	16	5.8	23	0.001									1.6	1.7	0.2	0.5	10.9	15	16	2	5	62					
		B21	37-60	LC	14	14	31	8	49	5.7	67	0.003						70			3.9	5.4	1.3	2.2	22.2	18	24	1	10	47	50	16	34	16.0	CL/
		B21	60-70	LC	5					5.6	130	0.011																						CH
		B22	70-90	MC	4	16	44	8	32	5.9	140	0.013						50			3.6	4.7	0.2	2.9	16.2	22	29	1	18	30	33	12	21	11.0	CL
1040	My3	A1	0-8	L	1	19	48	15	15	5.6	83	0.005	2.0					250			3.4	1.9	0.7	0.2	14.2	24	13	5	1	57					
		A2	10-16	L	5	15	42	23	20	5.9	61	0.003	0.81					150			1.6	2.2	0.5	0.5	11.6	14	19	4	4	59					
		B21	16-20	MC	3	10	31	17	43	6.5	149	0.010	0.50					250			3.8	5.7	0.9	1.6	19.0	20	30	5	8	37					
		B21	20-30	MC	1					6.2	237	0.021	0.42																						
		B21	30-60	MC	<1	5	21	17	58	6.9	623	0.069						260			3.7	9.7	1.0	3.7	23.7	16	41	4	16	23	48	18	30	12.0	CL/
		B21	60-76	MC	6					8.1	717	0.085																						CH
		B22	76-90	MC	19	10	27	19	46	8.2	631	0.071						200			2.9	8.5	0.7	3.5	19.4	15	44	4	18	19	40	16	24	12.0	CL
		B22	90-120	MC	6					8.2	635	0.074																						
		BC	120+	LMC	2	15	32	9	46	8.0	568	0.064						130			2.5	8.8	0.6	4.0	19.2	13	46	3	21	17	40	15	25	12.0	CL

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1041	SG4	Aw	0-9	L	5	35	34	11	18	5.3	66	0.004	1.8					100			3.6	1.2	0.3	0.2	26.3	14	5	1	1	79					
		A1	10-19	L	11	43	30	13	14	5.5	25	0.001	0.84					50			3.3	1.0	0.2	0.08	12.6	26	8	2	1	63					
		A2	20-30	LS	6					5.9	15	0.001	0.30					30																	
		A2	0-36	LS	6	37	47	12	4	6.7	16	0.001						20			1.8	1.0	0.1	0.2	4.4	41	23	2	5	29					
		B21	36-60	MC	2	16	28	10	46	7.5	145	0.004						100			9.5	11.9	0.3	1.3	29.6	32	40	1	15	12	55	19	36	11.0	CH
		B22	60-90	CL	12	27	31	10	31	7.6	149	0.004						70			6.7	7.8	0.2	3.3	20.0	34	39	1	16	10	38	15	23	11.0	CL
		BC	90-120	HC	2	21	33	9	37	7.8	132	0.005						90			6.8	8.5	0.3	3.2	22.7	30	37	1	14	18					
1042	SG3	A1	0-6	L	5	42	24	13	16	5.9	101	0.003	5.9					140			8.2	3.0	0.4	0.6	23.9	34	13	2	1	50					
		A2	6-10	CL	13	41	30	16	12	6.0	49	0.002	1.7					80			3.5	1.4	0.2	0.06	10.4	34	14	2	1	49					
		A2	10-20	CL	17					5.9	29	0.002	0.55					70																	
		A2	20-30	CL	28					5.9	23	0.002	0.25					70																	
		A2	30-48	CL	16	28	17	13	43	5.7	38	0.002						150			2.3	1.6	0.7	0.1	11.7	20	14	6	1	60					
		B21	48-60	C	14	26	13	12	49	5.4	40	0.002						210			2.2	2.0	0.7	0.1	14.6	15	14	5	1	65					
		B21	60-90	C	14	29	19	14	39	5.3	34	0.002						140			1.5	2.2	0.4	0.1	11.1	14	20	4	1	61	40	19	21	10.0	CL
		B21	90-117	C	23					4.9	43	0.004																							
		C	120+	CL	21	40	17	11	32	4.8	48	0.006						70			0.8	2.4	0.2	0.2	8.8	9	27	2	2	60					
1043	Gt3	A1	0-9	L	14	11	45	18	20	4.8	59	0.003	3.4								0.7	2.4	0.6	0.2	23.4	3	10	3	1	84					
		A2	10-20	C	8	5	30	21	43	4.7	117	0.006	1.2								0.1	5.3	0.5	0.8	18.2	1	29	3	4	63					
		B2	20-30	LMC	3	5	24	13	58	5.4	285	0.021	0.76								<0.1	8.5	0.6	2.1	19.4	<1	44	3	11	42					
		B2	30-60	LMC	3	3	18	16	63	6.7	907	0.079									0.04	13.0	0.8	3.6	22.7	<1	57	3	16	24	48	18	30	11.0	CL/ CH
1044	Wd3	A1	0-10	S	23	33	54	3	7	5.3	80	0.006	1.6					160			1.6	1.4	0.5	0.07	8.8	18	16	6	1	59					
		A1	10-19	S	23					5.0	66	0.005	1.2					160																	
		A2	20-30	LS	48	31	54	9	6	4.9	22	0.003	0.48					80			0.2	0.6	0.2	0.02	5.6	4	11	4	<1	81					
		A2	30-41	LS	49	31	53	8	8	4.9	25	0.002						80			0.2	0.8	0.2	0.02	5.4	4	15	4	<1	77					
		B21	41-60	MC	10	13	27	3	57	5.0	98	0.010						130			1.7	8.4	0.5	1.1	22.3	8	38	2	5	47	59	19	40	11.0	CH
		B21	60-71	MC	13					5.1	217	0.027																							
		B22	71-88	LMC	2	12	39	6	43	5.7	295	0.037						90			2.2	8.8	0.3	1.4	17.2	13	51	2	8	26	40	15	25	13.0	CL
1045	Wd4	A1	0-10	LS	2	22	64	10	3	5.8	16	0.001	0.50					70			0.4	0.3	0.2	0.02	4.2	10	7	5	1	77					
		A2	10-20	LS	3					4.9	19	0.001	0.22					60																	
		A2	20-30	LS	13	24	62	12	3	4.9	19	0.001	0.12					40			0.2	0.2	0.07	<0.01	1.9	11	11	4	<1	74					
		B21	32-60	MC	2	8	28	8	58	6.2	275	0.029						70			1.1	8.4	0.3	3.6	20.9	5	40	1	17	37	54	20	34	14.0	CH
		B21	60-79	MC	1	6	31	10	53	6.5	432	0.043						70			1.2	9.7	0.4	4.2	20.3	6	48	2	21	23					
		B22	79-90	MC	<1					6.8	370	0.031																							
		B22	90-120	MC	<1	9	35	19	36	6.9	533	0.060						60			1.1	9.3	0.2	3.9	17.5	6	53	1	22	18	40	16	24	13.0	CL
1046	Kn1	A	0-10	SiL	21	10	43	26	21	4.9	47	0.003	1.6					120			0.3	0.8	0.4	0.09	15.8	2	5	3	1	89					
		A	10-16	SiCL	17	8	39	27	27	4.7	38	0.002	0.64					90			0.1	0.7	0.2	0.08	14.1	1	5	1	1	92					
		B	16-20	SiC	4	3	27	28	41	4.7	32	0.002	0.46					70			<0.1	1.5	0.2	0.1	16.2	<1	9	1	1	89					
		B	20-30	MC	2	2	21	22	56	4.8	32	0.001	0.44					70			<0.1	3.2	0.2	0.2	20.6	<1	16	1	1	82	51	22	29	12.0	CH
		B	30-60	MC	<1					4.8	30	0.002																							
1047	Kn2	A1	0-3	SiL	1	6	33	30	21	5.0	113	0.010	5.0					180			0.8	1.7	0.5	0.7	29.5	3	6	2	2	87					
		A2	3-10	SiCL	4	5	27	33	34	4.7	108	0.008	1.4					70			<0.1	1.8	0.2	0.6	16.5	<1	11	1	4	84					
		A2	10-18	SiC	2	3	19	35	43	4.9	128	0.010	0.91					80			<0.1	2.8	0.2	0.8	13.9	<1	19	1	6	74					
		B21	20-30	LMC	5	1	5	23	69	5.2	179	0.015	0.70					90			<0.1	4.8	0.3	1.4	16.3	<1	29	2	9	60	45	22	23	8.0	CL
		B21	30-51	LMC	3					6.0	372	0.039																							
		B2	51-60	SiC	8	3	4	27	66	6.6	553	0.064						100			<0.1	6.0	0.3	2.8	12.8	<1	47	2	22	29	47	23	24	10.0	CL/ CH
		B2	60-71	SiCL	17					6.9	587	0.070																							
1048	Kn4	A1	0-7	L	38	13	46	16	19	4.6	60	0.004	4.2					170			0.3	0.5	0.6	0.2	25.9	1	2	2	1	94					
		A2	7-10	L	37					4.4	89	0.004	1.6					70																	
		A2	10-20	L	30	18	46	15	21	4.8	47	0.002	1.0					80			0.1	0.6	0.1	0.3	6.2	2	10	2	5	81					
		B2	20-30	CL	22	15	43	17	26	5.2	57	0.003	0.54					60			0.1	1.6	0.2	0.5	9.6	1	17	2	5	75					
		B2	30-60	LMC	4	3	25	10	62	7.6	439	0.016						70			0.1	0.3	0.4	4.2	16.1	1	52	3	26	18	48	20	28	10.0	CL/ CH
		B2	60-73	LMC	3					7.8	759	0.035																							
1049	SG2	A1	0-10	L	7	34	33	16	14	5.2	56	0.002	3.3					60			0.1	1.4	0.4	0.04	18.2	1	8	2	<1	89					
		A2	10-20	L		39	30	14	15	4.6	30	0.001	1.3					50			0.7	0.4	0.4	0.03	14.0	5	3	3	<1	89					
		A2	20-30	L	15					4.7	24	0.001	1.3					80																	
		A2	30-43	L	20	32	25	11	31	4.7	22	0.001						90			0.3	0.7	0.2	0.1	1.0	2	4	1	1	92					
		B21	43-60	LC	19	12	11	8	68	4.7	32	0.002						80			0.3	1.6	0.3	0.2	18.4	2	9	2	1	86	58	30	28	13.0	CH
		B21	60-87	LC	7					4.8	69	0.009																							
		BG	90-105	C	12 9	20	24	20	37	5.1	171	0.022						100			0.06	9.0	0.2	0.7	16.3	<1	55	1	4	40					

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1050	SG1	A1	0-10	L	11	38	34	16	13	5.2	54	0.002	2.5					70			2.5	1.1	0.4	0.01	15.8	16	7	3	<1	74					
		A2	10-20	L	13	39	31	14	16	4.7	36	0.002	0.75					70			0.4	0.5	0.4	0.03	28.2	1	2	1	<1	96					
		A2	20-30	L	11					4.5	36	0.002	0.66					90																	
		A2	30-36	C	7	21	19	12	47	4.6	37	0.001						120			0.2	1.2	0.6	0.07	14.0	1	9	4	<1	86					
		B2	36-59	MC	6	13	15	12	59	4.7	48	0.003						140			0.2	2.2	0.8	0.1	16.0	1	14	5	1	79	55	27	28	12.0	CH
		BC	60-90	C	9	19	18	15	50	4.7	76	0.010						70			0.02	3.1	0.3	0.2	13.8	<1	22	2	1	75					
		BC	90-120	C	9					4.8	82	0.011																							
1051	Ee1	A1	0-10		2	20	24	30	26	5.2	117	0.005	11.0					250			0.07	2.7	1.4	0.2	50.4	<1	5	3	<1	91					
		A1	10-18		17					5.3	56	0.003	3.7					160																	
		A2	20-29	C	13	34	18	11	38	5.1	42	0.002	1.8					50			0.4	0.6	0.8	0.08	24.1	2	2	3	<1	93					
		B2	30-60	LC	8	14	19	14	53	5.0	45	0.003						200			0.3	3.1	1.0	0.2	16.2	2	19	6	1	72	61	31	30	10.0	CH
		BC	60-90	SiL	8	14	22	8	56	4.8	47	0.004						140			0.09	4.0	0.8	0.3	16.3	1	25	5	2	67					
1052	Le3	Aw	0-10	S	2	67	34	1	5	6.6	45	0.004	1.10	0.10	14	2.2	91	0.006	0.054	0.8	0.5	0.3	0.1	4.9	16	10	6	2	66					
		A1	11-20	SCL	2	49	22	11	15	5.9	61	0.005	1.2	0.09	17	1.3	182	0.010	0.130	0.2	.1	0.6	0.5	14.4	1	15	4	3	77					
		A2	22-30	CoS	2					5.7	31	0.003	0.35	0.04	11	1.2	93																	
		A2	30-57	CoS	3	72	19	4	4	6.2	12	0.001							0.006	0.028	0.2	0.3	0.1	0.05	1.0	20	30	10	5	25					
		B21	57-78	SC	1	39	21	3	40	5.8	320	0.031							0.004	0.17	0.1	6.5	0.4	2.1	13.3	1	49	3	16	31	39	13	26	9.8	CL
		BC	78-90	CS	1					6.1	180	0.019																							
		BC	90-115	CS	2	36	39	2	21	6.2	220	0.020							0.003	0.089	0.03	4.6	0.1	1.7	6.9	1	67	1	25	6					
		C	120-150	CS	14																													
1053	CR2	A11	0-8	L	11	25	33	18	21	6.1	190	0.018	4.8	0.44	14	6.7	679	0.038	0.37	15.3	5.2	1.7	0.4	35.1	44	15	5	1	35					
		A12	10-20	CL	6	15	41	22	22	6.7	68	0.004	1.4	0.15	12	1.7	369	0.21	0.28	10.8	4.8	1.0	0.3	23.3	46	21	4	1	28	39	20	19	10.2	CL
		A12	20-25	CL	10	14	42	20	23	6.9	36	0.003	0.85	0.09	12	0.1	159	0.017	0.20	7.6	4.1	0.4	0.4	17.6	43	23	2	3	30					
		B21	25-30	M/HC	8	10	22	15	43	7.0	41	0.004	0.77	0.08	13	1.6	94	0.016	0.19	9.9	7.4	0.3	0.9	28.1	35	26	1	2	35					
		B21	30-60	M/HC	2					6.8	68	0.005																			84	27	57	16.4	CH
		B21	60-79	M/HC	4					7.4	130	0.013																							
		B2CA	79-90	MC	5					8.3	290	0.030																							
		B2CA	90-120	MC	4	13	26	20	43	8.1	470	0.052							0.012	0.077	15.6	16.2	0.2	4.2	36.7	43	44	1	11	1	57	21	36	14.4	CH
		B2CA	120-136	MC	5					8.3	590	0.066																							
		BC	136-150	LC	5					8.3	660	0.070																							
		BC	150-180	LC	8	15	31	17	37	8.3	530	0.058							0.014	0.079	14.8	17.0	0.4	5.7	37.9	39	45	1	15	1	49	24	25	13.8	CL/ CH
1054	Rs3	A11	0-6	LC	1	6	39	20	29	5.7	110	0.011	2.5	0.24	13	4.9	229	0.015	0.12	4.3	4.6	0.7	0.6	24.3	18	19	3	2	58					
	Puff	B	10-20	MC	0	2	25	19	54	6.6	88	0.010	0.77	0.09	11	1.3	168	0.008	0.15	9.0	10.1	0.6	2.3	30.9	29	33	2	7	29					
	Puff		0-20	FSCL	1	5	43	22	30	6.3	48	0.005	0.77	0.07	14	1.7	98	0.007	0.10	4.6	5.2	0.6	0.9	17.1	27	30	2	5	36					
	Hollow	B21	20-30	MC	0	1	12	7	80	6.6	190	0.016	0.54	0.08	9	0.1	204	0.009	0.21	12.8	14.9	0.8	4.0	46.3	28	32	2	9	29	92	27	65	18.2	CH
		B21	30-52	MC	0					5.5	330	0.031																							
		B22	60-90	MC	0	1	15	18	64	4.7	810	0.087							0.006	0.16	7.1	11.8	0.5	5.1	39.0	18	30	1	13	37					
		B22	90-105	MC	0					4.6	1020	0.112																							
		B23	105-120	M/HC	0					4.6	1000	0.108																							
		B23	120-150	M/HC	0	1	11	13	75	4.6	990	0.110							0.006	0.13	7.6	15.4	0.4	7.1	46.8	16	33	1	15	35	82	17	65	16.2	CH
		B23	150-175	M/HC	0					4.6	930	0.098																							
		BC	175+	MC	2	11	11	10	68	4.8	990	0.107							0.013	0.099	7.5	15.8	0.4	7.9	54.7	14	29	1	14	42					
1055	Le2	A1	0-8	LCoS	1	49	33	7	8	5.5	26	0.001	1.5	0.09	22	1.7	117	0.009	0.066	1.1	1.0	0.3	0.06	11.3	10	9	3	1	77					
		A2	10-20	CoS	2	48	38	7	5	5.6	22	0.001	0.39	0.03	17	0.1	66	0.004	0.031	0.3	0.4	0.2	0.02	3.2	9	13	6	1	71					
		A2	20-30	CoS	3					5.0	21	0.001	0.23	0.02	15	0.1	51																		
		A2	30-45	CoS	4	47	38	7	5	5.6	14	0.001							0.004	0.031	0.2	0.3	0.1	0.02	0.8	25	38	13	3	21					
		B21	45-60	LC	1	17	13	3	62	4.8	140	0.013							0.007	0.26	0.2	4.7	0.7	1.3	18.6	1	25	4	7	63					
		B21	60-90	LC	4	23	14	2	62	4.7	200	0.020							0.005	0.17	0.1	5.8	0.5	1.7	17.8	1	33	3	10	53	54	19	35	11.2	CH
		C	98+	CCoS	9																													
1056	Dd4	A11	0-7	L	2	10	38	27	20	5.3	72	0.007	4.2	0.44	12	5.2	167	0.032	0.086	2.3	2.2	0.5	0.2	29.7	8	7	2		82					
		A12	10-20	CL	12	7	39	29	25	5.7	34	0.003	1.9	0.19	13	2.3	75	0.20	0.071	2.8	2.6	0.3	0.1	19.9	14	13	2		70					
		A12	20-25	CL	8	7	35	26	26	5.9	39	0.003	1.4	0.14	13	1.8	54	0.017	0.068	2.7	2.6	0.2	0.2	17.6	15	15	1		68					
		B21	25-30	MC	25	13	33	21	33	6.1	25	0.003	1.0	0.13	10	0.1	49	0.020	0.076	2.3	2.5	0.2	0.3	15.5	15	16	1		66					
		B21	30-60	MC	5	3	1	12	69	6.2	25	0.003						0.032	0.17	3.4	3.2	0.2	0.8	28.1	12	11	1		73	83	30	53	20.2	CH
		B22	61-90	MC	6					6.2	48	0.004																							
		B22	90-113	MC	13	4	17	11	68	6.2	72	0.008						0.028	0.14	1.8	3.9	0.2	1.6	25.5	7	15	1		71	86	32	54	22.4	CH
		B23	120-150	HC	4	5	12	11	70	5.7	75	0.006						0.010	0.093	30	11.5	0.2	3.0	41.5	7	28	<1		58	107	23	84	19.8	CH
		B	150+																														

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1057 (Puff)	Kt4	A11	0-10	LC	4	4	29	30	35	2.6	110	0.009	4.6	0.48	12		11.7	146	0.049	0.086	13.8	8.8	0.4	0.4	46.5	30	19	1	1	49					
		A11	10-20	LC	44	5	26	25	37	5.2	99	0.009	5.5	0.57	13		26.0	204	0.055	0.120	8.6	6.3	0.6	0.4	52.8	16	12	1	1	70					
		B	23-30	MC	30					5.9	51	0.005	2.8	0.30	14		11.4	101	0.059	0.077															
		B	30-60	MC	2	4	29	26	36	5.5	59	0.005									10.5	7.2	0.4	0.4	47.2	22	15	1	1	61	62	30	32	14.8	CH
		B	60-90	MC	5					6.0	48	0.004																						
1057 (Depression)	Kt4	A11	0-10	CL	3	4	27	30	38	6.0	55	0.003	3.3	0.31	14		13.6	128	0.051	0.100	14.6	8.7	0.4	0.6	48.9	30	18	1	1	50					
		A11	10-20	CL	17	6	15	13	67	6.8	52	0.004	1.4	0.14	14		5.1	113	0.047	0.110	28.4	16.9	0.4	1.3	60.2	47	28	1	2	22					
		B21	23-30	MC	13	6	18	19	57		61	0.005	1.8	0.20	12		14.6	121	0.057	0.110	23.7	13.7	0.4	1.3	58.9	40	23	1	2	34	90	8	82	15.8	CH
		B22	39-60	HC	<1					6.8	150	0.012																						
		B22	60-90	HC	2	6	15	13	64	7.8	150	0.017							0.034	0.110	31.2	18.2	0.4	2.2	62.6	50	29	1	4	16	100	23	77	17.6	CH
		B22	90-120	HC	3					7.5	520	0.053																						
										7.0																								
1058	Kt7	A11	0-10	SiCL	0	8	42	27	22	6.0	91	0.009	3.2	0.39	11		15.3	161	0.042	0.110	6.7	7.6	0.5	0.2	30.6	22	25	2	1	51					
		A21	10-20	HCL	<1	9	44	25	22	6.0	48	0.004	2.5	0.26	13		8.6	96	0.036	0.097	6.0	6.9	0.3	0.2	27.7	22	25	1	1	51					
		A12	20-30	HCL	<1					6.0	36	0.002	1.8	0.19	12		6.9	77																	
		B21	32-60	MC	<1	9	37	16	39	6.7	42	0.003							0.020	0.120	9.8	14.4	0.3	0.9	33.6	29	43	1	3	24	52	13	39	13.2	CH
		B21	60-73	MC	1					6.8	86	0.007																						
		B22	73-90	MC	3					7.8	230	0.021																						
		B22	90-120	MC	3	9	39	15	37	8.4	320	0.022							0.023	0.110	8.8	17.4	0.2	2.5	30.4	29	57	1	8	5	56	14	42	15.8	CH
		B22	120-140	MC	1					8.2	300	0.033																						
		C	140-150	SC	1	19	42	14	26	8.0	200	0.023							0.037	0.078	8.1	13.4	0.2	1.0	25.0	32	54	1	4	9					
1059	Ge4	A1	0-7	L	1	4	22	43	23	5.3	79	0.004	6.5	0.18	47		5.0	175	0.022	0.097	1.4	2.3	0.5	0.4	37.0	4	6	1	1	88					
		A2	10-20	SiCL	5	4	25	42	31	5.4	40	0.003	1.4	0.14	13		1.7	77	0.008	0.068	0.6	1.6	0.2	0.2	19.1	3	8	1	1	87					
		B21	21-30	MC	10	2	21	34	43	5.6	33	0.002	1.0	0.11	12		1.1	99	0.010	0.084	1.2	1.9	0.3	0.2	16.8	7	11	2	1	79	46	20	26	10.4	CL
		B21	30-60	MC	4	2	20	31	47	5.8	27	0.002							0.010	0.096	2.1	3.2	0.3	0.2	19.2	11	17	2	1	69					
		B22	61-90	LC	7					5.9	25	0.002																						
		B22	90-120	LC	8	2	21	30	47	5.9	29	0.002							0.007	0.087	2.3	3.8	0.3	0.3	21.8	11	17	1	1	70	56	19	37	12.4	CH
		C	125-150	*	40					5.6	42	0.004																						
				* Gravel/Stone																														
1060	TE5	A	0-10	CL	1	3	21	40	37	5.7	100	0.003	5.5	0.62	12		4.1	128	0.023	0.067	2.7	8.6	0.4	0.7	53.0	5	16	1	1	77					
		A	10-15	CL	1	5	22	38	31	6.0	83	0.003	4.6	0.54	11		3.2	100	0.027	0.060	2.7	9.7	0.4	0.8	50.0	5	19	1	2	73					
		B2	15-20	HC	7	4	21	29	44	6.4	77	0.003	2.4	0.32	10		2.0	77	0.020	0.062	3.5	12.0	0.3	0.7	40.7	9	29	1	2	59					
		B2	20-30	HC	9					6.7	55	0.003	1.5	0.19	10		0.8	62																	
		B2	30-50	HC	7	3	16	23	56	6.9	60	0.002							0.011	0.072	8.4	24.0	0.2	1.0	47.0	18	51	<1	2	29	92	24	68	17.4	CH
		BC	60-88	MC	6	12	40	22	27	7.2	50	0.003							0.059	0.043	14.6	36.7	0.1	1.1	63.0	23	58	<1	2	17					
		C	190-120	*	1					7.3	29	0.002																						
		C	130+	*																														
				* Weathering Material																														
1067	Js3	A1	0-10	SiL	0	5	31	37	23	5.0	64	0.002	3.9	0.30	17		5.3	129	0.026	0.330	1.7	1.8	0.4	0.20	30.1	6	6	1	1	86					
		A2	10-20	SiCL	0	2	21	46	28	5.2	34	0.003	1.2	0.11	14		2.0	113	0.014	0.380	0.3	1.6	0.4	0.30	17.2	2	9	2	2	85					
		A2	20-30	SiCL	0	2	18	38	3	5.2	48	0.001	0.7	0.09	10		1.7	160	0.012	0.420	0.3	2.9	0.5	0.50	17.0	2	17	3	3	75					
		B2	34-60	SiC	0	2	14	30	53	5.3	40	0.001							0.014	0.620	0.2	4.4	0.5	0.50	18.8	1	23	3	3	70					CH
		B2	60-86	SiC	0					5.7	35	0.001																						
		C1	90-120	CL	1	11	41	25	24	5.9	28	0.001							0.018	0.290	0.1	2.7	0.2	0.4	10.5	1	26	2	4	67					
		C2	124-155	Not Sampled																														
1068	Ia1	A1	0-10	FSL	25	23	48	7	20	4.9	41	0.001	2.1	0.11	25		0.1	146	0.007	0.098	0.8	0.9	0.5	0.1	16.4	5	5	3	1	86					
		A1	10-14	FSL	41					4.9	31	0.001	1.0	0.07	19		0.1	129																	
		B21	14-20	LC	20	19	39	6	34	5.0	32	0.001	0.9	0.07	17		0.1	162	0.007	0.160	0.3	1.2	0.5	0.1	14.6	2	8	3	1	86					
		B21	20-30	LC	17	17	33	6	41	5.2	31	0.001	0.8	0.07	15		0.1	183	0.007	0.190	0.3	1.9	0.6	0.1	16.8	2	11	4	1	82					
		B21	30-46	LC	4	14	23	3	56	5.2	30	0.001							0.009	0.270	0.1	3.0	0.6	0.3	19.9	1	15	3	2	79					
		B22	46-60	C	7	17	25	4	51	5.3	31	0.001							0.009	0.260	0.2	3.0	0.6	0.3	18.7	1	16	3	2	78					
		B22	60-78	LC	4		23	5	55	5.3	28	0.001							0.009	0.270	0.2	3.5	0.5	0.3	17.8	1	20	3	2	74	51	21	30	14.0	CH
		BC	78-90	FSCL	3	14	32	6	36	5.3	23	0.001							0.007	0.180	0.2	2.5	0.3	0.2	11.9	2	21	3	2	72					
		C	100-140	weathering parent material		24																												

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1069	Ia3	A1	0-10	LFS	7	6	75	6	8	5.5	50	0.001	1.2	0.10	16			87	0.001	0.082	2.2	0.8	0.3	0.10	7.9	28	10	4	1	57					
		A1	10-18	LFS	2					6.0	26	0.001	0.8	0.05	21			87																	
		A21	20-30	LFS	3	2	84	7	6	6.0	20	0.001	0.2	0.02	13			68	0.007	0.056	0.7	0.5	0.2	0.04	2.9	24	17	6	1	52					
		A21	30-36	LFS	19					5.9	18	0.001																							
		A22	36-50	FS	33	1	85	8	5	5.8	14	0.001							0.006	0.045	0.4	0.4	0.2	0.05	2.1	19	19	10	2	60					
		C1	50-56	LFS	3	1	74	8	15	5.9	16	0.001							0.011	0.091	0.5	1.2	0.6	0.10	4.3	12	28	7	2	51					
		II B2	60-78	MC	<1	1	44	2	51	6.0	38	0.001							0.013	0.290	1.3	5.5	0.6	0.60	16.5	8	33	4	4	51	45	18	30	12.0	CL/ CH
		IIC1	78-136																															
		C2	136+																															
1070	Ge3	A1	0-10	L	24	9	27	46	15	5.9	150	0.013	4.3	0.48	12		4.4	816	0.037	0.190	3.7	1.8	2.1	0.40	39.6	9	5	5	1	80					
		A2	11-20	HL	33	7	27	50	15	6.0	70	0.005	2.6	0.20	17		1.5	556	0.025	0.130	2.5	0.8	1.5	0.2	34.4	7	2	4	1	86					
		A2	20-30	HL	24					6.1	55	0.004	1.6	0.12	17		0.1	539																	SP
		A2	30-38	HL	24	7	15	47	30	6.1	47	0.004							0.016	0.100	4.4	1.5	1.0	0.2	24.4	18	6	4	1	71					SP
		AC	38-60	L	20	10	13	43	33	6.2	31	0.003							0.017	0.095	5.2	2.1	0.9	0.2	21.8	24	10	4	1	61					
		AC	60-82	L	1					6.2	30	0.002																							
		R	82+																															
1071	Ge2	0	0-10	-	9	14	31	32	11	5.9	80	0.001	5.8	0.41	18		3.0	582	0.045	0.170	5.8	1.0	1.9	0.4	57.7	3	2	2	1	91					
		A1	10-18	L	10					6.1	78	0.002	4.9	0.36	18		1.8	633																	
		A2	20-30	L	4	16	33	33	17	6.1	72	0.002	2.2	0.19	15		0.1	725	0.036	0.180	1.1	0.7	2.4	0.6	47.1	2	1	5	1	91					
		B21	32-60	MC	<1	3	9	20	66	6.1	63	0.004							0.016	0.100	1.5	0.7	1.1	0.4	20.0	8	4	6	2	80	62	30	32	14.0	CH
		B21	60-90	MC	0					5.8	82	0.009																							
		B22	90-120	MC	0	5	10	21	63	6.0	88	0.010							0.016	0.083											67	29	38	15.8	CH
		B22	120-150	MC	0					5.9	77	0.008																							
1072	Ge3	A11	0-10	L	4	7	20	41	23	5.3	104	0.002	6.5	0.47	18		4.6	380	0.037	0.160	2.4	1.0	1.1	0.1	44.2	5	2	2	<1	91					
		A12	10-20	L	6	6	31	45	18	5.3	62	0.001	3.3	0.24	18		1.9	298	0.031	0.120	0.4	0.3	0.9	0.09	34.3	1	1	3	<1	95					
		B1	22-30	CL	3	6	28	43	21	5.5	39	0.001	4.1	0.10	18		1.2	292	0.022	0.110	0.6	0.7	0.8	0.1	21.0	3	3	4	<1	90					
		B1	30-42	CL	6	6	27	40	25	5.7	31	0.001	0.9	0.08	15		0.1	245	0.015	0.110	1.2	1.1	0.7	1.1	17.9	7	6	4	1	82					
		B2	42-60	LC	12	5	20	29	44	5.7	48	0.002							0.019	0.150	1.8	0.8	0.8	0.2	21.7	8	7	4	1	88	47	21	26	13.8	CL
		B2	60-90	LC	11					5.7	48	0.004																							
		B2	90-110	LC	10	4	19	25	51	5.6	46	0.004							0.024	0.100	1.0	1.1	0.3	0.5	23.4	4	5	1	2	88	54	26	28	15.4	CH
		BC	110-184																															
1073	Mn1	A11	0-10	L	22	16	32	31	11	5.4	130	0.004	0.2	0.54	20		6.6	447	0.037	0.150	3.0	2.1	1.1	0.1	55.7	5	4	2	<1	89					
		A12	10-20	LCL	9	14	32	36	13	5.6	81	0.005	3.6	0.24	20		2.1	306	0.031	0.110	1.3	1.1	0.8	0.1	37.7	3	3	2	<1	93					
		B	23-30	LC	7						51	0.001	1.7	0.15	15		1.0	270	0.030	0.110															
		B	30-56	LC	16	14	31	30	23	5.7	36	0.001		0.09			0.1	258			0.8	0.7	0.8	0.1	26.7	3	3	3	<1	91	37	21	16	9.0	CL
		BC	60-90	LC	1					5.7	43	0.002																							
										5.8																								
1074	Mn2	A1	0-7	FSL	2	9	34	34	16	6.1	160	0.003	4.2	0.29	19		5.8	644	0.010	0.150	4.6	2.9	1.6	0.1	23.6	19	12	7	<1	62					
		A2	10-19	CL	<1	9	31	38	21	6.3	54	0.001	1.2	0.09	17		0.8	343		0.140	1.9	1.9	0.8	0.08	16.0	12	12	5	1	70					
		B1	20-30	LC	1	5	26	35	36	6.0	34	0.001	0.8	0.07	15		0.3	237	0.009	0.230	2.2	2.2	1.0	0.2	17.6	5	12	6	1	76					
		B21	35-60	MC	<1	4	21	27	45	6.0	38	0.001							0.013	0.240	3.4	3.4	0.4	0.7	19.3	5	18	2	4	71	66	26	40	15.2	CH
		B22	64-90	MC	<1	7	26	25	43	6.3	67	0.005							0.013	0.290	4.0	4.0	0.3	1.3	17.5	8	23	2	7	60	66	26	40	16.4	CH
1075	Mn2	A1	0-8	FSL	1	13	40	27	14	5.4	99	0.003	3.5	0.34	13		4.2	146	0.013	0.066	0.8	1.9	0.5	0.4	23.5	3	8	2	2	85					
		A2	10-20	FSCL	<1	17	42	29	13	5.5	47	0.001	0.9	0.07	17		1.1	32	0.06	0.033	0.3	0.6	0.2	0.2	9.5	3	6	2	2	87					
		A2	20-30	FSCL	<1					5.5	39	0.001	0.9	0.06	20		1.0	33																	
		A2	30-47	FSCL	<1	19	42	29	10	5.6	30	0.001							0.002	0.028	0.3	0.6	0.1	0.1	6.0	2	7	1	1	84					
		B21	47-60	SiC	<1					5.7	45	0.001																							
		B21	60-90	SiC	0	4	16	20	62	5.4	43	0.001							0.009		1.3	3.8	0.4	0.5	20.7	6	18	2	2	72	74	27	47	19.6	CH
		B22	94-110	SiC	0					6.0	41	0.002								0.140															
1076	Ds2	A1	0-10	FSL	2	6	48	25	13	5.0	250	0.002	8.1	0.66	16		10.6	279	0.025	0.092	3.5	1.9	0.7	0.2	36.4	10	5	2	1	82					
		A1	10-19	FSL	6					5.0	67	0.001	2.1	0.18	15		2.1	108																	
		A21	20-30	FSL	38	4	49	30	9	5.3	46	0.001	0.9	0.08	15		0.9	101	0.008	0.052	0.2	0.7	0.3	0.1	9.4	2	7	3	1	87					
		A21	30-39	FSL	38					5.8	36	0.001																							
		A22	39-60	FSL	17	6	53	35	7	6.0	27	0.001									0.3	0.8	0.3	0.1	4.7	6	17	6	2	69					
		B2	68-90	MC		3	28	27	43	6.2	30	0.001							0.013	0.200	0.6	5.4	0.5	0.8	21.4	3	25	2	4	66	56	21	35	16.2	CH
		BC	103-120	LC	<1					5.8	48	0.001																							
					<1																													

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-					P	K	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1077	Ds4	A1	0-10	LCL	12	17	33	33	16	6.0	150	0.006	3.3	0.33	13		21.0	894	0.061	0.260	4.7	2.7	2.6	0.06	27.4	17	10	9	<1	64					
		B2	11-20	MC	3	7	32	44	19	6.0	71	0.001	2.2	0.21	14		8.7	410	0.054	0.220	4.3	1.9	1.3	0.05	25.2	17	8	5	<1	70					
		B2	20-30	MC	16					6.1	50	0.001	1.4	0.14	13		10.5	427																	
		B2	30-60	MC	5	6	26	34	34	6.1	42	0.002							0.055	0.270	5.2	1.7	1.3	0.08	24.7	21	7	5	<1	67	42	17	25	13.0	CL
		BC	61-90+																															
1078	Kt5	A1	0-10	CL	4	8	30	30	26	4.6	110	0.002	4.2	0.45	12		4.4	197	0.047	0.140	2.5	1.5	0.6	0.2	37.3	7	4	2	1	86					
		A1	10-20	CL	10					5.1	50	0.001	2.7	0.24	15		1.9	216																	
		A1	20-27	CL	2	8	34	45	12	5.4	64	0.001	2.9	0.24	15		2.0	201	0.019	0.140	3.9	1.8	0.9	0.3	28.4	14	6	3	1	76					
		B2	30-60	MC	2	7	35	36	22	5.7	42	0.001							0.044	0.130	4.0	2.4	0.9	0.5	20.7	19	12	4	2	63	37	17	20	10.0	CL
		B2	60-88	MC	2	13	28	25	33	5.7	45	0.001							0.051	0.160	5.8	3.8	1.1	0.5	25.8	22	15	4	2	57					
		BC	88+																															
1079	Kt6	A1	0-10	CL	7	4	41	35	14	5.6	110	0.004	3.9	0.34	15		11.8	144	0.060	0.078	13.6	7.6	0.6	0.5	39.2	35	19	2	1	43					
		A1	10-19	CL	4					5.8	58	0.001	2.3	0.22	14		9.3	97																	
		B2	20-30	MC	2	4	35	29	21	6.0	43	0.001	1.2	0.12	13		13.7	64	0.060	0.068	24.4	11.2	0.1	0.5	47.2	52	24	<1	1	23					CL*
		B2	30-45	MC	<1	3	34	33	31	6.1	45	0.001							0.059	0.078	27.4	14.7	0.1	0.4	54.3	50	27	<1	1	22					CL*
		BC	45-75																												* Dependent on liquid limit value				
1080	Rs2	A11	0-10	CL	0	14	49	14	21	6.5	87	0.003	1.8	0.21	11		4.2	83	0.022	0.110	7.7	7.1	0.2		21.0	37	34	1	1	27					
		A11	10-20	CL	<1	9	54	13	24	6.9	51	0.002	0.8	0.10	10		1.9	71	0.016	0.100	8.5	6.8	0.2	0.30.	20.5	41	33	1	1	24					
		A12	23-30	LMC	<1	5	51	26	17	7.2	52	0.001	0.7	0.10	9		0.1	77	0.014	0.120	10.9	7.0	0.2	3	21.5	51	33	1	2	13					
		A12	30-46	LMC	0	4	34	23	35	7.5	57	0.002							0.020	0.160	12.6	8.9	0.2	0.4	26.2	48	34	1	2	15					CL
		C1	46-60	LMC	7	6	32	27	34		68	0.003							0.024	0.140	13.9	11.0	0.2	0.6	32.6	43		1	3	19					CL
		C2	60-85	LC	11	11	34	22	33	7.6	180	0.019							0.021	0.099	9.5	10.0	0.1	1.1	25.7	37	34	<1	5	19					
		C3	90-120	MC	19	8	17	9	66	7.4 8.3	350	0.027												1.3			39								
1081	Rs4	A1	0-10	CL	3	5	36	34	21	5.2	140	0.001	3.6	0.33	14		4.3	541	0.046	0.220	5.9	2.6	4.1	0.1	30.5	19	9	13	<1	54					
		A1	10-20	CL	30	8	37	30	25	5.3	74	0.001	1.9	0.21	12		2.6	322	0.036	0.180	8.8	4.6	0.9	0.1	28.9	30	16	3	<1	51					
		B	22-30	MC	16	7	28	24	41	5.9	40	0.001	1.3	0.15	11		1.5	127	0.032	0.170	13.2	8.1	0.2	0.3	35.2	37	23	1	1	38					
		B	30-45	MC	11	5	15	16	65	6.1	35	0.001							0.033	0.230	15.6	10.9	0.2	0.4	44.9	35	24	<1	1	40	78	26	52	17.8	CH
		BC	45-60	MC	22	6	15	13	67	6.1	34	0.001							0.034	0.210	14.9	12.3	1.0	0.4	46.0	32	27	2	1	38					
		BC	88	MC																														
1082	Rs4	A	0-7	LMC	15					6.2	140	0.002	3.5	0.32	14		6.2	655	0.043	0.270	18.5	11.8	2.5	0.2	45.7	40	26	5	<1	29					
		B	10-20	MC	6					6.4	49	0.001	2.0	0.24	11		2.3	353	0.026	0.220	24.3	14.9	2.1	0.1	52.7	47	28	4	<1	22					
		B	20-30	MC	2					6.6	42	0.001	1.5	0.17	11		1.9	233	0.025	0.200	26.2	15.8	1.1	0.3	56.0	47	28	2	1	22	79	23	56	15.4	CH
1083	Sa3	A11	0-10	LCoS	15	48	31	11	8	5.3	94	0.002	1.8	0.16	15		3.1	178	0.009	0.076	2.0	0.9	0.6	0.1	10.8	19	8	6	1	66					
		A12	13-20	CoS	14	55	27	9	8	4.8	39	0.001	0.6	0.06	13		0.9	88	0.005	0.049	0.4	0.3	0.3	0.1	6.0	7	5	5	2	81					SM
		A12	20-30	CoS	19	52	30	10	7	4.7	28	0.001	0.6	0.04	20		1.0	61	0.004	0.048	0.2	0.2	0.2	0.1	5.6	4	4	4	2	86					SM
		A2	34-55	CoS	34	58	26	9	6	5.0	20	0.001							0.005	0.056	.2	0.2	0.2	<0.1	4.7	4	4	4	<1	88					SM
		C1	55-106	Not Sampled																														
		C2	106-120	CoS	33	58	29	8	4	5.6	16	<0.001							0.005	0.047	0.5	0.4	0.4	<0.1	3.4	15	12	3	<1	70					
		C2	120-150+		20					6.0	14	<0.001																							
1084	TH1	A1	0-10	LS	11	46	31	10	9	5.1	76	0.001	2.2	0.20	14		2.9	115	0.012	0.210	2.6	1.1	0.3	<0.1	15.7	17	7	2	<1	74					
		A1	10-20	LS	9	47	35	10	7	5.1	38	0.001	1.6	0.17	12		1.6	75	0.010	0.180	1.6	0.5	0.2	0.1	12.6	13	4	2	1	80					SM
		A1	20-27	LS	13	49	32	9	8	5.3	28	0.001	1.1	0.10	14		1.1	78	0.008	0.220	1.4	0.4	0.1	0.1	9.0	16	4	1	1	78					SM
		AC	30-54	S	20	54	29	10	7	5.6	35	0.001							0.006	0.410	1.8	0.6	0.3	0.1	9.1	20	7	3	1	69					SM
		AC	130+	S																														SM
1085	Sa2	A1	0-10	LS	8	41	29	17	10	5.0	45	0.001	3.2	0.22	19		2.4	60	0.013	0.072	0.9	0.4	0.1	0.1	17.1	5	2	1	1	91					
		A2	10-20	CoSCL	10	41	30	18	11	4.9	31	0.001	0.9	0.06	20		0.6	31	0.007	0.036	0.3	0.2	<0.1	0.2	8.6	4	2	<1	2	92					
		A2	20-30	CoSCL	9					5.0	29	<0.001	0.8	0.09	12		0.6	33																	
		A2	30-45	CoSCL	10	44	27	15	13	5.2	30	0.001							0.006	0.037	0.8	0.4	0.4	0.3	5.7	14	7	7	5	67					
		B2	45-60	LC	7	25	20	11	42	5.2	50	0.002							0.016	0.180	0.6	3.0	1.5	0.4	14.3	4	21	11	3	61					
		B2	60-90	LC	21	22	18		45	5.0	55	0.005							0.019	0.230	0.4	3.3	1.2	0.2	14.5	3	23	9	1	64	53	19	34	15.8	CH
		C	90-120	CoSLC	29	30	21	13	35	5.0	33	0.002							0.018	0.150	0.3	2.6	0.8	0.3	10.4	3	25	8	3	61					
		II B2	120-150	LMC	25	18	17	13 13	48	5.2	22	0.001							0.013	0.140	0.3	3.7	0.6	0.3	13.5	2	27	5	2	61	61	23	38	14.2	CH

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-	Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1086	TH2	A1	0-10	SL	7	45	26	12	15	5.5	71	0.001	2.0	0.20	13		5.8	142	0.015	0.012	2.9	1.3	0.8	0.2	13.4	22	10	6	2	60					
		A1	10-20	SL	5						66	0.001	2.0	0.15	17		2.4	84																
		A1	20-30	SL	6	48	21	11	20	5.6	28	<0.001	1.4	0.18	10		1.6	66	0.012	0.150	2.7	1.9	0.5	0.2	13.7	20	14	4	1	61					
		C1	32-60	LCoS	8	47	26	12	16	5.9	15	<0.001							0.010	0.110	2.2	1.5	0.6	0.2	10.8	21	14	6	2	57					SM
		C1	60-90	LCoS	18	53		9	11	5.9	26	<0.001							0.007	0.062	1.3	0.8	0.5	0.2	5.6	23	14	9	4	50					SM
		C2	94-120	SL	30	46	27	11	16	5.8	33	<0.001							0.007	0.076	1.4	1.0	0.5	0.2	7.7	18	13	7	3	59					
		C3	125-150	SCL	28	47	28	15	13	5.7	37	<0.001							0.006	0.150	2.1	2.3	<0.1	0.4	7.8	26	29	<1	5	40					
		C3	158+	SCL			27			6.0																								
1087	TH4	A1	0-10	SL	5	39	37	10	12	5.5	54	<0.001	2.0	0.16	16		4.0	158	0.009	0.083	1.7	1.1	0.2	<0.1	12.2	14	9	2	<1	75					
		A1	10-20	SL	5	43	35	14	10	5.3	24	0.001	0.9	0.10	12		1.4	82	0.008	0.068	0.5	0.6	<0.1	<0.1	7.6	7	8	<1	<1	85					
		A2	21-30	CoS	8	47	34	11	10	5.5	17	<0.001	0.5	0.06	11		0.6	52	0.006	0.048	0.4	0.4	<0.1	<0.1	4.5	9	9	<1	<1	82					SM
		A2	30-60	COS	14	53	30	10	8	6.0	16	<0.001							0.004	0.084	0.3	0.4	0.6	<0.1	3.7	8	11	16	<1	65					SM
		B2	60-90	MC	5	12	11	5	71	6.0	110	0.010							0.007	0.280	2.1	9.0	0.5	1.1	26.0	8	35	2	<1	51					CL
		B2	90-107	MC	4					5.9	170	0.016																						
		BC	107-120	MC	10	24	20	11	47	5.8	150	0.014							0.004		1.7	9.8	0.5	2.8	23.5	7	42	2	12	37					
																				0.400													
1088	TH5	A1	0-10	SL	2	37	32	13	14	5.2	73	<0.001	3.5	0.27	17		5.7	85	0.017	0.095	3.3	1.2	0.4	0.3	23.4	14	5	2	1	78					
		C1	10-20	LCoS	3	47	32	11	9	5.4	35	<0.001	1.1	0.08	18		1.6	33	0.007	0.075	2.1	0.6	0.2	<0.1	9.6	22	6	2	<1	70					SM
		C1	20-30	LCoS	6					5.6	26	<0.001	0.5	0.04	16		0.9	31																	SM
		C1	30-57	LCoS	8	50	32	10	7	5.6	17	<0.001							0.007	0.080	1.2	0.7		<0.1	5.8	21	12	34	<1	33					SM
		C2	60-90	LS	11	50	33	10	7	5.8	14	<0.001							0.006	0.062	0.9	0.6		0.1	4.2	21	14	33	2	30					
		C2	90-120	LS	5	50	36	8	6	5.8	65	0.005							0.005	0.082	1.1	0.9		<0.1	3.3	33	27	36	<1	4					
1089	Wg5	A11	0-10	SL	0	19	50	16	15	7.4	51	0.002	0.8	0.09	13		2.1	142	0.016	0.230	2.1	2.7	0.3	0.07	10.8	19	25	3	1	52					
		A11	10-20	SL	<1	13	43	24	20	7.2	37	0.003	1.0	0.04	15		1.0	78	0.014	0.280	2.8	3.9	0.2	0.1	13.5	21	29	2	1	47					
		A12	21-30	FSL	1	15	37	26	23		37	0.002	1.8	0.11	21		1.1	78	0.014	0.310	4.4	5.2	0.2	0.2	19.3	23	27	1	1	48					
		A2	30-48	FSL	<1	11	43	25	20	7.0	32	0.002							0.015	0.260	4.0	4.6	0.2	0.2	17.3	23	27	1	1	48					
		II A1	48-60	FSCL	18					7.0	33	0.001																						
		II A1	60-90	FSCL	15	12	36	33	20	6.3	140	0.017							0.020	0.310	6.3	5.9	0.2	0.7	23.5	27	25	1	3	44					
		II A1	90-103	FSCL	9					6.0	450	0.065																						
		II B2	103-120	FSLC	8	12	38	30	19	5.9	550	0.070							0.008	0.290	2.1	4.2	0.2	1.5	10.8	19	39	2	14	26	28	16	12	7.4	CL
										6.1																								
1090	Wg1	A1	0-10	LS	22	19	43	13	16	4.6	100	0.005	4.9	0.34	19		16.2	198	0.024	0.170	0.8	0.9	0.5	0.1	28.2	3	3	2	<1	92					
		A1	10-20	LS	29	31	40	11	16	4.6	50	0.003	2.9	0.14	27		8.2	163	0.015	0.140	0.01	0.3	0.4	0.08	19.4	<1	2	2	<1	96					CL*
		B2	20-30	LC	4	26	25	16	34	4.4	66	0.002	1.5	0.10	20		4.0	199	0.014	0.220	0.01	0.2	0.5	0.05	16.2	<1	1	3	<1	96					CL*
		B2	30-56	LC	6	16	14	18	50	4.6	76	0.003							0.016	0.440	0.01	0.3	0.6	0.09	18.2	<1	2	3	<1	95					CL*
		BC	105+	LMC																										*Dependent on liquid limit				
1091	Wg4	A1	0-7	L	1	17	41	18	24	4.6	95	0.001	4.1	0.36	15		0.9	167	0.028	0.210	0.70	5.3	0.4	<0.1	33.4	2	16	1	<1	81					
		A2	10-20	CL	3	11	31	30	25	5.4	34	<0.001	1.5	0.16	12		1.8	50	0.018	0.230	1.0	0.9	<0.1	<0.1	13.0	7	7	<1	<1	86					
		A2	20-30	CL	19	10	22	33	35	5.8	55	0.001	1.1	0.11	13		1.1	36	0.019	0.310	1.2	1.8	0.1	0.3	11.2	11	16	1	3	69					
		B2	30-60	SiC	1	3	10	35	53	6.2	280	0.029							0.020	0.480	0.9	5.9	0.1	1.5	16.4	5	36	1	9	49	52	23	29	10.4	CH
		C	65+																															
1092	Wg3	AW	0-10	FSL	5	17	58	9	14	5.8	69	0.002	1.6	0.13	16		3.0	145	0.014	0.200	2.5	2.0	0.3	<0.1	101	25	20	3	<1	52					
		AW	10-20	FSL	2	13	50	15	21	6.2	49	0.001	1.2	0.07	22		0.8	144	0.12	0.270	1.9	4.5	0.2	<0.1	11.7	16	38	2	<1	44					
		A1	23-30	HL	<1	2	26	33	37	6.6	78	<0.001	3.8	0.29	17		1.9	167	0.026	0.450	3.2	15.7	0.5	0.9	33.1	10	47	2	3	38					
		A1	30-40	HL	<1	2	22	33	38	6.7	83	0.002							0.023	0.370	1.6	11.1	0.6	1.4	26.7	6	42	2	5	45					
		A2	40-60	CL	1	8	30	34	30	6.3	270								0.016	0.400	0.6	5.2	0.4	1.9	15.3	4	40	3	12	41					
		B2	63-90	LMC	1	5	33	21	38	5.3	450	0.049							0.011	0.350	0.5	3.5	0.2	2.2	15.9	3	22	1	14	60	38	17	21	10.4	CL
		B2	90-107	LMC	1					5.5	390	0.040																						
		C	107-120	SCL	2	14	42	18	25	6.2	360	0.037							0.001	0.250	0.5	4.1	0.4	1.5	9.4	5	44	4	16	31					
1093	Wg2	A1	0-10	L	8	11	30	29	20	5.1	65	0.001	3.7	0.25	19		3.0	324	0.026	0.360	0.4	0.8	1.0	0.2	28.4	1	3	4	1	91					
		A1	10-15	L	9					4.9	59	<0.001	2.3	0.17	18		1.7	228																	
		A2	15-20	HCL	13	10	21	32	37	5.1	41	<0.001	1.4	0.15	12		1.0	192	0.022	0.360	<0.1	0.8	0.6	0.1	19.0	<1	4	3	1	42					
		A2	20-30	HCL	8					5.2	34	<0.001	0.9	0.12	10		0.5	186																	
		A2	30-42	HCL	3	3	9	33	55	5.3	32	<0.001							0.016	0.510	<0.1	2.9	0.7	0.2	19.5	<1	15	4	1	80					
		B2	42-60	LMC	2	1	12	28	60	5.5	34	0.001							0.016	0.510	<0.1	4.7	0.7	0.2	18.8	<1	25	4	1	70	52	22	30	11.8	CH
		B2	60-75	LMC	<1	2	14	26	60	5.8	34	<0.001							0.018	0.430	<0.1	5.9	0.6	0.3	18.9	<1	31	3	2	64					
1094	Fs1	A1	0-9	LS	36	13	56	14	11	6.2	57	0.002	3.2	0.16	26		3.2	114	0.009	0.100	0.4	0.2	1.1	0.3	15.9	3	1	7	2	87					
		A2	10-20	LS	7	14	55	17	13	4.5	54	<0.001	1.2	0.06	26		1.3	59	0.007	0.100	0.3	0.1	1.0	0.2	9.4	3	1	11	2	83					
		B1	23-30	SCL	3	11	48	17	23	4.3	48	0.002	0.6	0.04	20		0.3	39	0.007	0.130	0.1	<0.1	1.1	0.2	10.8	1	<1	10	2	87					
		B1	30-36	SCL	1	11	43	17	25	4.5	31	<0.001							0.009	0.160	0.1	<0.1	1.8	<0.1	9.8	1	<1	8	<1						
		B2	36-60	LMC	0	9	40	17	32	4.6	26	<0.001							0.009	0.200	<0.1	<0.1	0.4	<0.1	12.3	<1	<1	3	<1	91	35	20	15	8.4	CL
																														97				

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-	Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%										%	%	%	%	
1095	Fs4	A1	0-6	L	1	9	36	25	18	4.4	69	0.001	7.3	0.35	27		5.0	188	0.017	0.220	0.9	1.1	1.1	<0.1	38.6	2	3	3	<1	92					
		A21	6-10	CL	1	11	39	27	19	4.8	43	0.001	1.9	0.09	27		1.6	147	0.009	0.250	0.1	0.4	0.6	<0.1	19.6	1	2	3	<1	94					
		A21	10-20	CL	1					4.8	41	<0.001	1.3	0.08	21		1.2	122																
		A21	20-30	CL	1	12	39	29	20	4.9	32	<0.001	1.1	0.08	18		1.2	115	0.008	0.240	0.3	0.8	0.9	0.4	12.7	2	6	7	3	82					
		A22	30-58	FSCL	1	11	38	31	20	5.3	23	<0.001							0.006	0.240	0.6	1.0	0.3	<0.1	12.6	5	8	2	<1	85					
		B2	60-90	LC	<1	7	36	32	25	5.5	34	0.002							0.006	0.270	0.1	2.0	1.1	0.3	12.1	1	17	9	3	70	30	16	14	8.0	CL
		B2	90-118	LC	1	10	30	27	31	5.0	130	0.016							0.006	0.280	0.1	4.3	0.6	0.5	12.0	1	36	5	4	54					
		C	120-150	FSC	1					5.7	67	0.006																						
1096	Dd5	A1	0-10	LCL	10	1	26	36	15	5.8	140	0.009	3.6	0.34	14		6.8	442	0.057	0.140	8.7	4.9	1.6	0.2	32.3	27	15	5	1	52					
		BC	15-20	LC	7	20	37	30	13	6.4	48	0.002	1.1	0.10	14		3.6	307	0.061	0.081	7.8	4.9	1.2	0.5	25.7	30	19	4	2	45					CL*
		BC	20-30	LC	29	8	30	32	28	6.5	40	<0.001	1.0	0.07	19		2.9	320	0.057	0.086	7.3	4.9	1.2	0.1	24.5	30	20	5	<1	45					CL*
		BC	30-35	LC	18	6	34	22	35	6.5	48	0.002							0.064	0.085	7.5	5.6	1.0	0.2	26.0	29	21	4	1	45					
		BC	55	LC																										*Dependent on liquid limit				
1097	AC2	A1	0-10	LCoS	2	72	16	4	7	5.9	56	0.004	1.1	0.100	14		3.0	147	0.014	0.097	1.6	1.3	0.4	0.1	5.7	28	23	7	2	40					
		C1	12-20	LSCL	1	56	25	9	9	5.6	59	0.004	0.8	0.08	13		1.3	141	0.011	0.100	1.5	1.3	0.4	<0.1	5.0	30	26	8	<1	36					CL
		C1	20-30	LSCL	<1						54	0.004	0.8	0.09	12		1.0	144																CL
		C1	30-60	LSCL	<1	39	31	18	12	5.6	38	0.002							0.015	0.190	2.3	2.1	0.3	0.1	6.8	34	31	4	1	30					CL
		C1	60-78	LSCL	<1					5.9	52	0.003																						CL
		II A1	78-90	LS	1					6.0	43	0.002																						
		II A1	90-117	LS	<1	57	24	8	10	6.2	58	0.004							0.014		2.2	2.1	0.2	0.2	6.8	32	31	3	3	31					
		II C1	120-150	CoS	2	66	21	7	6	6.2	57	0.005							0.012	0.100	1.5	1.2	<0.1	<0.1	3.0	50	40	<1	<1	10					
										6.2										0.084														
1098	AC1	A1	0-10	FSL	2	17	54	16		5.8	160	0.010	2.8	0.24	15		4.6	379	0.017	0.170	5.4	2.2	0.9	0.2	14.0	39	16	6	1	38					
		A2	13-20	FS	1	18	62	18	10	6.2	44	0.003	0.4	0.05	5		0.6	157	0.008	0.100	1.3	0.6	0.4	0.2	3.9	33	15	10	5	37					
		A2	20-30	FS	1				4	6.6	37	0.002	0.3	0.02	20		0.3	126																
		A2	30-43	FS	2	19	58	17		6.7	32	0.001							0.007	0.012	1.0	0.6	0.4	0.1	3.0	33	20	13	3	31					
		B2	43-60	MC	1	7	29	19	6	6.3	290	0.032							0.019	0.600	3.8	6.6	1.7	0.7	17.8	21	37	10	4	28	41	15	26	10.2	CL
		B2	60-72	MC	1	9	27	20	45	5.8	890	0.120							0.017	0.580	3.0	7.5	1.7	0.5	17.0	18	44	10	3	25					
		BC	72-90	FSCL	4	18	31	31	43	5.9	360	0.044							0.011	0.120	1.6	3.7	0.8	0.5	9.0	17	40	9	5	29					
									20																								
1099	Cw1	A1	0-10	LCoS	19	50	27	12	7	6.1	65	0.002	2.0	0.140	19		2.9	239	0.011	0.120	3.6	1.2	0.6	0.1	14.5	25	8	4	1	62					
		A1	10-17	LCoS	16	50	28	11	8	6.2	42	0.001	1.2	0.100	16		1.3	184	0.006	0.093	2.3	0.7	0.5	0.1	9.4	24	7	5	1	63					SM
		A2	20-30	CoS	13	50	28	11	9	6.2	30	0.001	0.6	0.05	16		0.5	163	0.005	0.082	1.1	0.4	0.4	0.1	6.1	18	7	7	2	66					SM
		A2	30-55	CoS	13	47	29	15	9	6.2	28	0.001							0.006	0.130	0.9	0.4	0.5	0.1	6.5	14	6	8	2	70					SM
		AC	60-90	LS	11	46	26	14	12	6.1	30	0.001							0.006	0.190	1.0	0.6	0.5	0.1	8.8	14	7	6	1	72					
1100	Cw2	A1	0-10	LS	23	45	20	14	13	5.6	130	0.004	3.9	0.290	17		3.3	391	0.014	0.130	5.0	2.2	1.1	0.1	29.9	17	7	4	<1	72					
		A1	10-17	LS	13	43	24	17	12	5.2	140	0.002	1.8	0.130	17		1.9	369	0.011	0.130	1.0	0.9	0.8	0.1	19.3	5	5	4	1	85					
		A2	17-30	CoSCL	10	43	28	17	11	5.8	48	0.001	0.8	0.070	15		0.7	337	0.008	0.130	1.5	1.0	0.7	0.1	11.9	13	8	6	1	72					
		A2	30-59	CoSCL	8	42	46	15	14	5.9	28	0.001							0.006	0.150	1.1	0.9	0.7	0.1	11.0	10	8	6	1	75					
		B2	60-90	LMC	10	33	20	13	34	5.9	28	0.001							0.009	0.250	1.7	2.6	0.7	0.4	27.6	6	9	3	1	81	44	20	24	12.4	CL
		B2	90-110	LMC	13					5.8	30	0.002																						
		BC	120-150	CL	10	33	17	7	41	5.7	21	0.001							0.008	0.370	2.3	2.3	0.8	0.2	20.3	11	11	4	1	73					
1101	AC1	A1	0-10	LFS	1	25	48	10	11	6.7	85	0.001	4.2	0.29	19		5.8	240	0.017	0.130	8.5	30	0.5	<0.1	19.6	43	15	3	<1	39					
		A2	11-20	S	1	24	61	11	4	6.8	30	0.001	0.3	0.06	7		2.2	106	0.009	0.063	1.7	0.5	0.2	<0.1	2.9	59	17	7	<1	17					
		A2	20-30	S	1	23	61	13	3	6.8	26	0.001	0.2	0.03	9		1.1	81	0.006	0.046	0.9	0.3	0.1	<0.1	2.8	32	11	4	<1	53					
		B2	35-60	MC	<1	11	34	11	41	5.7	100	0.002							0.010	0.390	1.4	4.2	1.0	0.4	14.2	10	30	7	3	50	32	14	18	6.6	CL
		B2	60-80	MC	2					5.4	290	0.045																						
		C	80-90	CS	3	29	43	6	22	5.7	230	0.033							0.008	0.230	1.2	3.2	0.2	0.3	7.3	16	44	3	4	33					
1102	WH2	A1	0-8	FSL	38	21	44	13	15	4.9	140	0.010	7.1	0.40	23		5.1	380	0.015	0.130	2.1	1.2	0.9	0.2	36.2	6	3	2	1	88					
		A2	10-20	LS	54	21	42	29	9	4.8	62	0.002	1.3	0.08	21		2.0	119	0.007	0.067	0.2	<0.1	0.1	<0.1	8.5	2	<1	1	<1	97					
		A2	20-30	LS	47					5.0	38	0.002	0.7	0.05	18		1.0	83																
		B21	30-52	C	14	9	20	10	60	5.3	43	0.001							0.009	0.240	0.1	3.2	0.2	0.3	22.6	<1	14	1	1	84	54	22	32	14.0	CH
		B22	60-68	C	4	6	14	12	67	5.4	43	0.002							0.016	0.270	0.2	4.7	0.1	0.7	26.0	1	18	<1	3	78					
		BC	68-90	C	1	3	7	33	68	5.4	48	0.002							0.020	0.260	0.2	6.5	0.4	1.0	28.2	1	23	1	4	71					
1103	WH3	A1	0-6	SL	4	26	45	15	12	5.3	40	0.001	2.7	0.17	21		2.0	169	0.009	0.150	0.5	0.4	0.5	<0.1	18.0	3	2	3	<1	92					
		A2	10-20	SiL	3	31	39	14	18	5.4	25	<0.001	0.6	0.05	16		0.8	92	0.007	0.150	<0.1	0.8	0.3	<0.1	8.6	<1	9	3	<1	88					
		B2	21-30	SC	4	26	34	12	28	5.5	33	0.001	0.5	0.05	13		0.7	138	0.007	0.250	<0.1	2.1	0.4	0.1	9.9	<1	21	4	1	74					
		B2	30-60	SC	6	25	29	9	39	5.8	49	0.002							0.006	0.320	<0.1	4.7	0.4	0.4		<1	40	3	3	54	33	13	20	8.8	CL
		C	60-82	LS	10	35	35	9	23	5.9	78	0.006							0.005	0.220	<0.1	3.3	0.3	0.5	11.8	<1	51	5	8	36					
		II B2	90-107	MC	15	24	25	4	43	6.2	570	0.070							0.007	0.350	0.1	9.8	0.2	2.7	6.5	1	66	1	18	14					
																									14.8								

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-							P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1104	CR1	A1	0-10	CL	8	7	26	26	37	6.2	140	0.003	3.3	0.37	12		3.2	384	0.031	0.034	24.7	5.3	1.0	0.1	36.2	68	15	3	<1	14					
		B2	11-20	MC	8	3	19	21	58	6.7	99	0.002	1.4	0.14	13		1.2	116	0.021	0.120	28.4	7.8	0.3	0.1	37.1	77	21	1	<1	1					
		B2	20-30	MC	3	3	10	16	72	7.0	76	0.002	1.1	0.10	14		0.9	94	0.020	0.096	31.6	13.6	0.03	0.2	47.7	66	28	1	<1	5					
		B2	30-41	MC	6	7	14	22	58	7.3	78	0.002							0.018	0.083	33.7	16.2	0.3	0.1	51.2	66	32	1	<1	1	73	24	49	16.4	CH
		BC	41-60	LC	23	14	22	30	32	7.5	54	0.001							0.012	0.047	34.2	18.5	0.1	0.3	43.0	54	45	<1	1	0					
1106	PE1	A1	0-10	L	6	8	22	38	25	4.6	250	0.005	4.8	0.053	12		11.0	537	0.067	0.200	9.7	3.5	1.6	0.1	36.2		10	4	<1	59					
		BC	10-20	CL	45	12	21	36	32	5.7	62	0.002	2.1	0.26	11		4.6	257	0.64	0.130	13.2	5.4	0.6	<0.1	37.2	27	15	2	<1	48					CL
		BC	20-30	CL																						.3 5									CL
1107	PE3	A1	0-10	L	10	17	33	33	15	5.7	95	0.002	2.3	0.26	12		10.5	218	0.061	0.110	4.9	2.9	0.5	<0.1	20.0	25	15	3	<1	57					
		A2	12-20	SiCL	2	10	34	38	14	6.0	34	0.001	1.1	0.11	13		6.4	166	0.036	0.085	4.2	2.0	0.4	<0.1	15.1	28	13	3	<1	56					
		A2	20-30	SiCL	2	11	35	41	13	6.3	23	0.001	0.5	0.06	13		5.7	176	0.048	0.087	3.9	2.2	0.4	<0.1	13.6	29	16	3	<1	51					
		A2	30-37	SiCL	1	8	29	36	24	6.3	26	0.001							0.049	0.100	5.3	3.6	0.6	<0.1	17.1	31	20	4	<1	45					
		B2	37-60	MC	<1	6	18	29	47	6.2	27	0.001							0.066	0.140	10.8	8.2	0.6	0.4	36.7	29	22	2	1	46	63	21	42	3.6	MH
1108	PE2	A1	0-10	HL	3	13	38	35	3	5.8	91	0.002	3.5	0.36	13			448	0.045	0.190	5.1	2.3	1.0	<0.1	24.8	21	9	<1	<1	66					
		A1	10-20	HL	1	6	37	41	17	5.6	130	0.002	2.8	0.5	15		5.01.	421	0.038	0.210	4.9	1.4	0.9	<0.1	24.1	20	6	4	<1	70					
		B21	20-30	CL	1	5	36	37	22	5.9	85	0.002	1.3	0.17	10		7	367	0.038	0.220	5.6	1.6	0.8	<0.1	19.1	29	8	4	<1	59					
		B21	30-60	CL/LC	0	4	33	32	33	6.2	46	0.002					1.4		0.032	0.240	8.3	1.9	<1	<1	17.5	47	11	<1	<1	42					
		B21	60-76	LC	<1	5	31	30	36	6.4	34	0.002							0.036	0.240	3.6	2.2	1.0	<1	16.3	22	13	6	<1	59					
		B22	76-90	MC	<1					6.2	36	0.002																							
		B22	90-120	MC	<1	4	28	28	40	6.1	41	0.002							0.040	0.240	3.4	3.6	0.9	<1	20.0	17	18	5	<1		51	16	35	14.8	MH
1109	TE3	A1	0-9	L	5	3	30	43	24	6.1	83	0.002	3.2	0.24	17		2.1	534	0.028	0.170	6.2	2.6	3.2	0.2	26.2	24	10	12	1	53					
		B1	0-20	LC	4	3	25	45	27	6.3	42	0.002	1.4	0.12	15		1.2	382	0.020	0.170	3.9	2.1	2.3	0.2	21.1		10	11	1	60					
		B1	20-30	LC	1	2	19	35	45	6.3	30	0.001	1.4	0.10	18		0.7	442	0.028	0.210	3.3	2.6	2.6	0.2	24.0	18	11	11	1	63					
		B21	34-60	MC	1	1	11	23	66	6.7	41	0.002							0.031	0.270	3.1	2.7	2.8	0.3	27.7	14	10	10	1	68	62	23	39	16.4	CH
		B22	61-90	MC	0	1	10	20	69	6.5	53	0.005							0.035	0.250	2.2	2.4	1.8	0.3	28.4	11	10	6	1	75					
		B22	90-120	MC	0	1	13	24	63	6.3	42	0.004							0.030	0.210	2.4	2.7	1.0	0.4	27.8	8 9	10	4	2	75					
1110	TE3	A	0-10	CL	0	4	25	40	32	5.7	140	0.013	3.2	0.26	16		1.9	576	0.049	0.220	3.5	1.8	1.5	0.2	36.6	10	5	4		80					
		B21	11-20	LMC	1	5	24	39	34	5.7	97	0.010	2.7	0.20	18		1.4	523	0.050	0.210	1.5	1.4	1.4	0.1	35.0	4	4	4	1<	88					
		B21	20-30	LMC	0					5.7	58	0.001	1.9	0.13	19		0.1	534											1						
		B21	30-60	LMC	1	3	18	30	51	5.8	59	0.005							0.047	0.250	1.2	1.2	1.4	0.3	29.3	4	4	5		86					
		B21	60-84	LMC	<1					5.9	65	0.005																	1						
		B22	90-120	MC	0	2	14	33	51	6.0	80	0.008							0.046	0.160	2.0	1.3	1.7	0.4	21.1	9	6	8		75	59	24	35	17.8	CH
		BC	120+	LMC																								2						
1111	TE2	A1	0-10	CL	1	7	28	44	20	6.0	170	0.004	5.9	0.47	16		5.5	1240	0.054	0.260	4.7	3.7	3.2	0.1	44.2	11	8	7	<1	74					
		A1	10-20	CL	2	7	29	47	18	6.0	130	0.004	4.2	0.31	18		3.3	1260	0.054	0.250	4.1	2.5	3.0	0.1	37.8	11	7	8	<1	74					
		A1	20-27	CL	3	9	36	43	11	6.1	110	0.004	4.6	0.33	18		4.3	1220	0.059	0.260	3.4	1.9	2.7	0.1	45.3	8	4	6	<1	82					
		B21	30-60	CL	<1					6.0	86	0.002																							
		B21	60-90	CL	0	2	21	32	46	6.0	52	0.001							0.043	0.190	2.1	2.4	1.1	0.1	23.0	9	10	5	<1	76	51	18	33	16.6	CL/
		B21	90-112	CL	<1					5.4	120	0.004																							CH
		B22	120-150	LC	0	1	14	20	62	5.6	43	0.002							0.048	0.190	1.4	2.3	0.9	0.1	23.9	6	10	4	<1	80					
		B22	150-180	LC	0					5.5	45	0.002																							
		BC	184+	CL																													
1112	Wt2	A11	0-8	L	2	16	50	17	13	5.4	54	0.001	3.2	0.30	14		3.7	173	0.019	0.150	0.6	0.6	0.6	<0.1	17.0	4	4	4	<1	88					
		A12	10-20	FSL								0.002	1.0	0.09	14		1.6	92	0.12	0.170	<0.1	0.4	<0.1	0.1	10.7	<1	4	<1	1	95					
		A21	23-30	SCL	2	16	48	19	18	5.2	37	0.001	0.5	0.06	11		0.7	75	0.122	0.180	<0.1	0.2	<0.1	<0.1	8.8	<1	2	<1	<1	98					
		A21	30-44	SCL	10	15	47	18	19	5.1	41	0.002							0.010	0.210	<0.1	0.6	<0.1	<0.1	7.3	<1	4	<1	<1	96					
		A22	44-60	SCL	5	15	44	15	24	5.3	28	0.001							0.011	0.220	<0.1	0.6	<0.1	<0.1	8.2	<1	7	<1	<	93					
		A22	60-78	SCL	<1					5.3	63	0.006																							
		B21	90-107	LMC	2	18	26	12	41	5.3	440	0.067							0.011	0.370	0.1	7.2	<0.1	1.4	14.2	1	51	<1	10	38	48	14	34	14.4	CL/
		B22	120-142	HC	1	9	18	22	53	6.3	660	0.095							0.009	0.440	0.3	10.7	0.3	3.9	19.5	2	55	2	20	21					CH
		BC	142+																															
1113	Wt1	A	0-8	L	20	9	22	42	23	5.6	63	0.004	4.3	0.24	23		1.4	354	0.002	0.240	0.8	0.9	0.9	0.2	42.9	2	2	2	<1	94					
		B21	10-20	CL	11	4	19	41	37	5.6	33	0.002	1.8	0.13	18		0.7	237	0.019	0.240	0.1	0.4	0.3	0.1	29.8	<1	1	1	<1	98					
		B21	20-30	CL	10	3	17	35	44	5.5	33	0.002	1.2	0.10	16		0.5	251	0.019	0.270	<0.1	0.3	0.3	0.1	28.0	<1	1	1	<1	98					
		B22	31-60	LMC	8	3	15	33	49	5.5	29	0.001							0.019	0.290	<0.1	0.5	0.4	<0.1	22.9	<1	2	2	<1	96	53	22	31	14.8	CH
		B22	60-82	LMC	14	3	15	34	48		24	0.001							0.019	0.300	<0.1	0.6	0.3	0.1	30.7	<1	2	1	<1	97					

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations										Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-					P	K	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1114	Wt3	01/A11	0-10	CL	<1	2	19	48	26	5.3	60	0.004	3.8	0.24	21		2.6	187	0.022	0.240	<0.1	0.2	0.1	0.2	41.4	<1	<1	<1	<1	99					
		A12	10-20	CL	1	2	22	43	29	5.3	43	0.003	3.0	0.22	18		2.4	159	0.022	0.260	<0.1	0.1	<0.1	0.2	40.3	<1	<1	<1	<1	99					
		A12	20-30	CL	<1	3	24	35	36	5.4	29	0.002	2.8	0.20	18		2.2	125	0.019	0.240	<0.1	0.1	<0.1	0.1	40.3	<1	<1	<1	<1	99					
		B2	36-60	LC	4	2	21	38	36	5.4	32	0.002							0.022	0.290	<0.1	0.1	<0.1	0.1	33.5	<1	<1	<1	<1	99					
		B2	60-72	LC	4	4	22	29	44	5.4	31	0.002							0.022	0.270	<0.1	0.1	<0.1	0.1	24.6	<1	<1	<1	<1	99	53	26	27	12.2	CL/
		C1	72-90	LC	0					5.5	25	0.001																						CH
		C1	90-100	LC	<1	6	27	28	40	5.4	26	0.002							0.025	0.190	<0.1	0.2	<0.1	0.1	15.7	1	1	<1	<1	97					
		C2	100-114	Gr																														
		C3	114+	LC																														
1115	Dd2	A2	0-5	SiL	2	7	34	25	25	5.8	120	0.005	6.2	0.46	18		9.0	520	0.035	0.140	5.6	2.4		<0.1	32.8	17	7	25	<1	51					
		A2	5-10	SiL	19	13	35	30	20	5.9	42	0.001	2.8	0.26	14		2.3	318	0.027	0.110	2.7	1.7	0.8	<0.1	24.5	11	7	3	<1	79					
		B21	10-20	HC	15	15	35	27	23	6.1	35	0.001	1.8	1.7	14		1.7	337	0.025	0.110	2.6	1.8	0.8	<0.1	19.5	13	9	4	<1	74					
		B21	20-30	HC	15	16	32	24	28	6.1	29	0.001							0.023	0.110	2.7	2.0	.9	<0.1	18.0	15	11	11	<1	63					
		B21	30-47	HC	20	7	15	13	66	6.1	33	0.002							0.029	0.200	4.5	4.3	2.2	0.1	33.8	13	13	7	<1	67					
		B22	47-60	M/HC	15	3	14	8	72	6.0	45	0.003							0.036	0.190	4.8	4.9	1.0	0.4	36.3	13	13	3	<1	70	77	29	48	23.8	CH
		B2	60-77	M/HC	14					5.9	43	0.004																						
		B23	77-90	M/HC	16	2	8	7	85	5.9	46	0.004							0.033	0.160	5.2	6.1	0.9	0.6	34.5	15	18	3	2	62					
		B23	90-109	M/CH	18					5.6	51	0.006																						
		B24	120-150	HC	6	2	8	6	84	5.1	100	0.010							0.006	0.061	4.8	13.4	0.8	0.9	44.2	11	30	2	2	55					
1116	PE/Rs3	A11	0-7	SiL	5	15	23	24	27	5.3	110	0.004	5.0	0.55	12		5.1	161	0.027	0.100	4.4	5.1	1.2	0.2	40.2	11	13	3	1	72					
		A12	10-20	SiCL	8	16	25	19	37	5.7	48	0.002	2.4	0.21	15		2.5	89	0.20	0.087	6.0	7.7	0.8	0.3	31.4	19	25	3	1	52					CL
		A12	20-30	SiCL	24	28	19	13	37	6.0	37	0.001	1.6	0.17	12		2.1	74	0.019	0.071	5.6	7.3	0.7	0.2	26.1	21	28	3	1	47					CL
		B2	30-58	HC	17	9	15	11	64	7.1	240	0.019							0.010	0.120	12.1	23.9	1.3	1.8	41.3	29	58	3	4	6					
		BC																																
1117	Ia2	A1	0-8	L	4	5	56	13	20	5.7	130	0.007	4.3	0.33	17		2.7	297	0.013	0.150	2.5	4.4	0.7	0.1	24.6	10	18	3	<1	69					
		A2	8-13	SL	17	7	66	9	18	5.7	58	0.003	1.6	0.11	19		1.5	164	0.007	0.120	0.9	2.7	0.7	0.2	14.6	6	18	5	1	70					
		B21	20-30	HC	11	4	36	4	54	5.4	410	0.048	0.5	0.05	13		0.3	208	0.006	0.320	0.1	10.6	0.6	1.0	19.2	1	55	3	5	36					
		B21	30-40	HC	9	5	41	3	49	5.6	530	0.058							0.006	0.320	0.1	10.1	0.5	1.1	16.4	1	62	2	7	28					
		B22	40-60	SC	<1	5	48	2	44	6.0	640	0.069							0.005	0.260	<0.1	10.0	0.3	1.5	15.0	<1	67	2	10	21	39	11	28	10.0	CL
		B22	60-90	SC	<1					6.2	930	0.110																						
		BC	90-120	C	0	10	48	2	39	6.1	1070	0.140							0.003	0.075	0.2	9.1	0.5	1.7	11.3	2	79	4	15	0					
1118	WH2	A1	0-3	SL	4	17	41	14	21	5.3	100	0.005	6.2	0.33			4.6	376	0.034	0.190	1.9	3.2	1.2	<0.1	28.7	6	11	4	<1	79					
		A2	3-10	SL	12	26	47	11	14	5.1	94	0.006	3.2	0.16	24		2.0	234	0.033	0.130	0.7	2.1	0.7	<0.1	19.4	4	11	4	<1	81					
		B	13-20	HC	22	20	29	9	42	5.9	160	0.011	2.1	0.11	26		1.0	202	0.022	0.280	0.3	6.0	0.7	1.0	29.1	1	21	2	3	73					
		B	20-30	HC	7					6.0	270	0.022			25																			
		B	30-60	HC	12	12	23	8	57	6.7	600	0.059							0.017	0.340	<0.1	12.3	<0.1	3.4	18.6	<1	66	<1	18	16	50	14	36	8.4	CL/
																																		CH
1119	He4	A1	0-7	LS	1	8	62	12	14	6.3	93	0.002	2.2	0.20	14		5.9	287	0.021	0.190	5.3	4.5	0.8	<0.1	16.5	32	27	5	<1	36					
		C	10-20	S	0	18	65	7	9	6.4	59	0.002	0.7	0.07	13		0.9	82	0.014	0.120	3.0	4.5	<0.1	<0.1	8.0	38	56	<1	<1	6					SP
		C	20-30	S	0					6.6	28	0.001	0.4	0.04	13		0.6	60																	SP
		C	30-60	S	<1	23	62	5	0	6.8	34	0.001							0.016	0.084	2.6	3.7	0.1	<0.1	6.5	40	57	2	<1	1					SP
		C	60-90	S	0					7.4	62	0.001																						SP
		II A1	104-120	SiCL	<1	10	46	23	18	7.6	63	0.003							0.026	0.200	12.0	8.6	0.4	0.3	22.3	54	39	2	1	4					
		II A2	120-146	CL	<1	9	49	17	24	8.1	68	0.002							0.012	0.190	9.1	10.2	0.3	0.3	19.8	46	50	2	2	0					
		II B	150-180	SC	1	15	44	13	28	8.7	120	0.002							0.008	0.200	7.7	11.3	<0.1	0.3	19.0	40	58	<1	2	0					
1120	He3	A1	0-10	SL	1	43	41	10	6	6.5	33	0.002	1.0	0.09	14		2.5	115	0.010	0.092	2.0	1.4	0.3	<0.1	5.7	35	25	5	<1	35					
		A1	10-20	SL	1	19	51	19	9	5.9	25	0.001	0.8	0.07	15		1.3	101	0.010	0.100	1.6	1.6	0.3	<0.1	8.1	20	20	4	<1	56					
		A2	22-30	SL	1	15	51	21	10	5.6	17	0.001	0.7	0.05	18		0.8	95	0.008	0.100	1.1	1.2	0.4	<0.1	7.0	16	17	6	<1	61					
		A2	30-55	SL	9	14	50	20	13	5.9	25	0.002							0.007	0.130	1.6	1.8	0.3	<0.1	6.7	24	27	4	<1	45					
		B1	60-73	SC	8	15	43	15	27	6.8	20	0.001							0.006	0.230	1.9	5.2	0.1	0.4	13.9	35	37	1	3	24					
		B2	73-90	MC	4	13	44	14	29	6.7	21	0.001							0.006	0.230	5.2	5.4	0.2	0.4	13.5	39	40	1	3	17	34	12	22	7.8	CL
		B2	90-120	MC	1					6.9	41	0.002																						
		BC	126-141	SiC	<1	8	40	18	33	8.0	79	0.006							0.006	0.280	7.4	7.7	0.2	0.6	16.4	45	48	1	4	2					
		BC	141+	SL																														
1121	Fs2	A1	0-9	L	8	8	31	35	20	5.4	87	0.003	4.3	0.30	19		5.9	629	0.024	0.320	2.3	1.8	1.3	<0.1	26.9	9	7	5	<1	79					
		A2	10-20	SiL	8	7	29	39	26	4.9	120	0.011	1.4	0.10	18		2.1	393	0.015	0.330	0.3	0.9	0.9	0.1	19.1	2	5	5	1	87					
		B21	24-30	SiCL	29	8	25	40	27		130	0.013	0.7	0.07	13		1.2	295	0.011	0.310	0.1	2.4	0.9	0.2	13.7	1	18	7	1	73					
		B21	30-44	SiCL	11	5	20	43	33	5.4	100	0.011							0.012	0.340	0.3	3.9	0.8	0.3	15.9	2	25	5	2	66					
		B22	44-60	SiCL	3	3	13	54	32	5.6	87	0.008							0.014	0.300	0.3	6.6	0.5	0.5	19.0	2	35	3	3	57	45	23	22	8.2	CL
		B22	60-90	SiCL	1	4	16	52	27	5.6	250	0.035																						
										5.5																								

Profile Number	Land system symbol and Component number	Horizon	Sample depth (cm)	Field texture	Particle size distribution					1:5 Soil water suspension			Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	HCL extract		Exchangeable cations									Atterberg limits				Unified Classification
																					Milliequivalents/ 100g					% C.E.C								
					Gravel	Coarse sand	Fine sand	Silt	Clay	pH	µs/cm EC 25°C	Cl-	Organic C	Total N	1.3C/N	Free Fe_2O_3	P (available)	K (available)	P	K	Ca	Mg	K	Na	CEC	Ca	Mg	K	Na	H	Liquid limit	Plastic limit	Pasticity Index	Linear shrinkage	
					%	%	%	%	%			%	%	%		%	ppm	ppm	%	%											%	%	%	%	
1122	Dd3	A11	0-9	SiCL	0	2	14	27	39	5.5	110	0.004	5.6	0.63	12		11.0	268	0.043	0.120	11.0	10.4	0.6	0.5	49.1	22	21	1	1	55					
		A12	10-18	LMC	0	3	19	26	46	5.5	85	0.002	3.7	0.37	13		5.2	127	0.036	0.110	10.7	10.9	1.7	0.5	45.7	23	24	4	1	48					
		B21	20-30	HC	0	2	14	18	65	6.0	51	0.002	1.4	0.17	11		3.8	120	0.020	0.130	17.3	23.8	1.5	0.9	53.4	32	45	3	2	18					CH*
		B21	30-60	HC	<1	2	15	18	61	7.3	150	0.009							0.012	0.120	18.1	30.3	0.9	1.9	53.8	34	56	2	4	4					CH*
		B22	66-90	HC	<1	2	14	21	62	8.4	470	0.036							0.011	0.120	16.3	35.0	0.9	1.9	53.5	30	64	2	4	0					CH*
		B22	90-110	HC	2	3	16	19	62	8.5	310	0.009							0.026	0.110	16.4	33.3	0.3	1.7	51.6	32	64	1	3	0	*Dependent on liquid limit				CH*
1123	Ds5	A1	0-10	SiL	37	7	36	32	20	6.5	54	0.002	2.9	0.25	15		4.7	255	0.032	0.087	3.4	3.9	1.4	0.2	18.7	18	21	7	1	53					
		A1	10-20	SiL	14	6	38	41	13	5.9	33	0.001	1.8	0.16	15		1.7	114	0.032	0.072	2.4	2.7	0.7	0.7	14.6	16	18	5	1	60					
		B	22-30	SiCL	33	6	40	38	15	5.9	28	0.001	1.5	0.14	14		1.4	98	0.031	0.072	2.1	2.5	0.8	0.2	3.5	16	19	6	1	58					CL
		B	30-60	SiCL	60	10	36	39	14	6.3	27	0.001							0.024	0.064	1.6	2.6	0.4	0.3	10.5	16	25	4	3	52					CL
		B	60-81	SiCL	53	6	34	37	23	6.3	30	0.001							0.030	0.079	2.3	5.0	0.7	0.5	15.5	15	32	5	3	46					CL
		BC		SiC																														
1124	Ky3	Aw	0-4	SiL	<1	10	39	29	18	5.4	75	0.003	2.2	0.20	14		3.0	215	0.022	0.280	4.3	3.9	0.8	0.3	18.9	23	21	4	2	50					
		A1	4-10	SiL	1	8	37	31	21	5.7	91	0.005	1.5	0.13	15		1.6	164	0.018	0.250	4.8	3.7	0.7	0.4	15.9	30	23	4	3	40					
		A1	10-15	SiL	1					5.7	120	0.011	1.0	0.09	14		1.1	141																	
		A21	15-20	SL	3					5.9	90	0.006	0.7	0.06	15		0.9	128																	
		A12	20-30	SL	9	18	44	25	11	6.4	22	0.001	0.3	0.03	13		0.6	81	0.009	0.130	5.1	1.4	0.2	0.2	5.2	29	27	4	4	36					
		A22	30-46	LS	7	21	50	21	8	6.6	16	0.001							0.007	0.085	0.7	0.9	0.3	0.1	3.7	19	24	8	3	46					
		B21	46-60	SC	5	22	41	6	29	6.2	57	0.003							0.011	0.270	1.5	5.3	0.2	0.1	10.8	14	49	2	9	26	34	9	25	9.2	CL
		B21	60-79	SC	5					5.9	100	0.011																							
		C	90-106	GRCoSCL	10	15	28	19	36	6.0	400	0.046							0.014	0.510	1.0	10.0	<0.1	4.2	16.7	6	60	<1	25	9					