

Sample No	Desc of sample	Horizon	Extr. Al	Extr. Fe	Gravel	CS	FS	Si	C	LAT	pH-H2O	pH-CaCl2	Exch.Al	Exch.H	E.C.	T.S.S.	Cl	Cl-NaCl
			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	CaCl2	mg/kg	meq/100g	dS/m	% w/w
A 12839/00	GL 48 0-12	A				26	66.1	0.5	4	1.1	7.6	7.2			0.12	0.04		
A 12840/00	GL 48 12-140	B				23	67.7	0.5	5.5	0.9	6.7	6.2		3.3	0.05	0.02		
A 12841/00	GL 46 0-6	AO				22.6	51.9	4	10	3.2	5.7	5.2	15	17	0.4	0.12	470	0.08
A 12842/00	GL 46 6-16	A1				21.4	60.2	2.5	9.5	1.9	6.3	5.6	13	10	0.17	0.05		
A 12843/00	GL 46 16-47	B21				21	62.3	3.5	10.5	0.8	6.2	5.7	11	7.5	0.18	0.06		
A 12844/00	GL 46 47-70	B22				19.2	63.6	2.5	12.5	1.2	6.3	5.8	11	5.8	0.25	0.08		
A 12845/00	GL 39 0-55	A				8.5	63	7	19	1.7	7.8	7.3	13	3.7	0.23	0.07		
A 12849/00	GL 62 0-22	A1				17.8	44.6	18	14.5	1.5	5.6	4.9	14	11	0.1	0.03		
A 12850/00	GL 62 22-54	A2				24.4	48.2	19	9	0.4	5.7	4.9	12	4.5	<0.05	0.02		
A 12851/00	GL 62 54-74	B21				7	16.9	7.5	67	0.8	6	5.4	11	11	0.11	0.04		
A 12852/00	GL 62 74-134	B22				6.3	12.5	7	73.5	0.2	6.3	5.8	11	9.4	0.12	0.04		
A 12853/00	GL 76 0-20	A1				37.5	44.5	9.5	7	1.1	5.9	5	17	4.8	0.13	0.04		
A 12854/00	GL 76 20-45	A21				41.6	46.2	6	5.5	0.5	6.1	5.3	13	2.2	0.09	0.03		
A 12855/00	GL 76 45-65	A22				36.9	44.9	5	8.5	1.4	6.2	5.6	<10	8.5	0.12	0.04		
A 12856/00	GL 76 65-78	B2				21.9	30.2	4	43	0.6	5.9	5.6	11	6.4	0.32	0.1	470	0.08
A 12857/00	GL 76 78-106	B3				16.3	25.6	3.5	52.5	0.6	5.8	5.7	11	6.5	0.48	0.15	730	0.12
A 12858/00	GL 67 0-18	A1				20.2	29.5	22.5	21.5	1.2	5.8	5.2	14	7.3	0.3	0.09	370	0.06
A 12859/00	GL 67 18-33	A3				37.7	18.2	11.5	31	0.4	6.1	5.6	13	8.3	0.35	0.11	460	0.08
A 12860/00	GL 67 33-70	B21				4.8	5.9	6	79	0.7	6.2	5.6	15	11	0.23	0.07		
A 12861/00	GL 67 70-110	B22				3.4	12.6	9.5	70	0.8	6.4	5.8	17	10	0.3	0.09	300	0.05
A 12862/00	GL 54 0-30	A1				9.2	30.8	15.5	34	2.4	6.4	6	18	12	0.3	0.09	210	0.03
A 12863/00	GL 54 30-50	B21	0.97	5.4		6	20.7	17	52.5	0.9	6.5	6.1		12	0.21	0.07		
A 12864/00	GL 54 50-70	B22	1.01	5.1		4.5	16.3	12	61.5	0.4	6.4	6	12	13	0.24	0.08		
A 12865/00	GL 54 70-140	B23				1.9	17	11.5	66	0.1	6.5	6.1		12	0.18	0.06		
A 12866/00	GL 73 0-10	A1				22.1	21.2	13.5	37.5	0	5.8	5.2	14	12	0.23	0.07		
A 12867/00	GL 73 10-30	B1	0.87	6.5		16.2	14	14	57	0	5.7	5.2	14	12	0.25	0.08		
A 12868/00	GL 73 30-90	B2	1.01	8		5.2	10.4	12	72	0	6.1	5.7	13	10	0.23	0.07		
A 12869/00	GL 73 90-140	B3				2.1	14.7	16.5	66	0	6	5.7	12	9.5	0.27	0.08	370	0.06
A 12870/00	GL 66 0-15	A11				3.5	26.4	22.5	37.5	2.3	5.4	4.9	17	15	0.34	0.1	400	0.07
A 12871/00	GL 66 15-22	A12				6.4	26.7	22	39.5	1.1	5.5	4.9	13	13	0.36	0.11	490	0.08
A 12872/00	GL 66 22-30	A13				44.3	14.3	15.5	29.5	0.5	6.1	5.6	12	7.4	0.45	0.14	920	0.15
A 12873/00	GL 66 30-80	B21				1.9	5.8	5	83	0.3	6.7	6.2		9.5	0.38	0.12	470	0.08
A 12874/00	GL 66 80-130	B22				4.9	8.6	5.5	79.5	0.1	7.3	6.7			0.39	0.12	460	0.08
A 12875/00	GL 66 130-200	B23				6.1	12.7	11	67	0	7.4	7			0.38	0.12	290	0.05
A 12876/00	GL 75 0-40	A1				18.2	27.5	15.5	31.5	1.2	6	5.6	15	14	0.16	0.05		
A 12877/00	GL 75 40-60	B21				9.5	11.8	10	66	0.3	6.5	6.1		9.1	0.12	0.04		
A 12878/00	GL 75 60-84	B22				6.4	12.7	10.5	65.5	0.1	6.6	6.1		9	0.11	0.04		
A 12879/00	GL 75 84-114	B3				5.6	14.8	15.5	61	0.1	6.2	6	12	9.5	0.13	0.04		
A 12880/00	GL 55 0-30	A1				7.2	54.9	17	18	0.7	6	5.4	12	7.4	0.13	0.04		
A 12881/00	GL 55 30-50	B1				7.1	36	12.5	43.5	0.1	5.6	4.9	23	9.9	0.15	0.05		
A 12882/00	GL 55 50-80	B21				4.9	22.2	8	63	0	5.4	5.2	11	12	0.23	0.07		
A 12883/00	GL 55 80-100	B22				2.2	24.5	9	63	0.3	5.5	5.2	12	11	0.21	0.07		
A 12884/00	GL 55 100-200	B3				4.6	24.2	9	60	0.1	5.3	5	17	11	0.42	0.13	610	0.1
A 12885/00	GL 107 0-15	A1				30.7	31	9	23.5	0.8	5.4	4.8	22	12	0.17	0.05		
A 12886/00	GL 107 15-40	B1				27.8	31.4	10.5	28.5	0.4	6	5.2	13	7.5	0.1	0.03		
A 12887/00	GL 107 40-70	B2				17.4	15.9	6.5	58.5	0.9	6.7	5.9	12	8.5	0.1	0.03		
A 12888/00	GL 108 0-11	A1				39.9	34.1	10.5	13.5	0.7	6	5.2	11	6.5	0.09	0.03		
A 12889/00	GL 108 11-25	A3				INSAM	INSAM	INSAM	INSAM	INSAM	6.2	5.4	11	6.8	0.08	0.03		
A 12890/00	GL 108 25-50	B21				16.6	15.4	6	60.5	0.9	6.6	5.9	13	9.3	0.1	0.03		
A 12891/00	GL 108 50-63	B22				9.9	9.6	5	73	0.8	6.9	6.4	13	9.6	0.11	0.04		
A 12892/00	GL 102 0-15	A1				19.7	50.9	11	15.5	0.6	5.7	5	13	7.7	0.09	0.03		
A 12893/00	GL 102 15-30	A3				INSAM	INSAM	INSAM	INSAM	INSAM	6	5.3	10	7.1	0.09	0.03		
A 12894/00	GL 102 30-50	B2				21.2	28.6	5.5	43.5	0.5	6.2	5.6	<10	8.1	0.11	0.04		
A 12895/00	GL 51 0-20	A1				74.6	13	0.5	12	0.6	6.3	5.5	12	3.8	0.07	0.02		

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			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)		CaCl2	mg/kg	meq/100g	dS/m	% w/w	mg/kg	% (w/w)
A 12896/00	GL 51 20-48	B21				74.2	15.2	0.5	9.5	0.2	6.7	6.1		2.1	0.06	0.02		
A 12897/00	GL 51 48-80	B22				73.9	22.8	1.5	1.5	0.1	6.6	6	<10	1.8	0.05	0.02		
A 12898/00	GL 51 80-140	B23				77	20	2	1	0.2	7	6.4	<10	1.3	0.06	0.02		
A 12899/00	GL 29 0-48	A11				45.3	46.1	4.5	7	1.3	4.7	3.7	36	8.1	0.2	0.06		
A 12900/00	GL 29 48-65	A12				49	44.8	2.5	2.5	1	5.1	4.1	23	1.8	0.14	0.05		
A 12901/00	GL 29 65-73	B21				47.3	44	3	4	1.2	4.9	4.1	110	9.1	0.24	0.08		
A 12902/00	GL 29 73-100	BHS				43.9	45.4	2	5	1.9	5	4.1	180	14	0.27	0.08	320	0.05
A 13494/00	GL- 41 0-25	A11				51.1	40.8	2	4.5	0.2	6.7	6.3		2.9	0.11	0.04		
A 13495/00	GL- 41 25-70	A12				41.6	50.8	2	5	0	7.3	6.9		0	0.11	0.04		
A 13496/00	GL- 41 70-130	B21				10.6	19.6	0.5	70	0	6.5	6		9.6	0.07	0.02		
A 13497/00	GL- 41 130-170	B3				41.8	22.4	0.5	36.5	0	6.4	6.1	<10	7	0.07	0.02		
A 13498/00	GL- 43 0-30	A1				25.1	52.4	4	16.5	0.3	7.4	7		0	0.09	0.03		
A 13499/00	GL- 43 30-50	A3				21.3	48.4	3	27	0	7.4	6.8		0	<0.05	0.02		
A 13500/00	GL- 43 50-100	B21	0.59	5.2		16.9	39.4	2	41.5	0.1	7.4	6.8		0	<0.05	0.02		
A 13501/00	GL- 43 100-140	B23	0.69	5.8		13.5	33.1	2	52	0.1	7.4	6.9		0	0.05	0.02		
A 13502/00	GL- 43 140-200	B24	1.05	9		5.9	15.4	1.5	76.5	0.3	7.1	6.6		0	0.08	0.03		
A 13503/00	GL- 47 0-10	A11									5.7	5	<10	7.6	0.06	0.02		
A 13504/00	GL- 47 10-26	A12									5.7	5	<10	4.8	0.05	0.02		
A 13505/00	GL- 47 26-40	A13									5.7	5	<10	3	<0.05	0.02		
A 13506/00	GL- 47 40-90	A14				21.2	60.9	5.5	11	0.2	6	5.4	<10	6.2	0.11	0.04		
A 13507/00	GL- 47 90-140	B21	0.9	7.6		3.7	23.3	1.5	72.5	0.2	6.2	5.7	<10	12	0.07	0.02		
A 13508/00	GL- 47 140-200	B22	0.95	7.9		2.3	18	1	77.5	0.2	6.3	5.9	<10	12	0.09	0.03		
A 13509/00	GL- 34 0-33	A1									6.1	5.1	<10	3.4	<0.05	0.02		
A 13510/00	GL- 34 33-61	A2									5	4.3	19	3.9	0.09	0.03		
A 13511/00	GL- 34 61-80	BHS									5.3	4.7	62	9.9	0.17	0.05		
A 13512/00	GL- 34 80-150	B2				29.5	32	4.5	33.5	0.1	6.9	6.1		5	0.22	0.07		
A 13513/00	GL- 82 0-10	A1				18.6	51.7	17	11	0.4	5.1	4.5	15	8.8	0.12	0.04		
A 13514/00	GL- 82 10-32	A21				21.7	53	15.5	10.5	0	5.3	4.6	17	3.9	<0.05	0.02		
A 13515/00	GL- 82 32-50	A22				23.4	53.2	15	8.5	0	5.9	5.2	<10	2.8	<0.05	0.02		
A 13516/00	GL- 82 50-65	A23				24.2	47.6	13.5	13.5	0.1	6.2	5.4	<10	3.4	<0.05	0.02		
A 13517/00	GL- 82 75-104	B21				12.4	25	8.5	53	0.3	6.6	5.8		7.9	0.1	0.03		
A 13518/00	GL- 82 104-135	B22				18.9	26.6	10	44	0	6.1	5.3	<10	7	0.11	0.04		
A 13519/00	GL- 82 135-200	BC									5.4	4.3		10	0.12	0.04		
A 13520/00	GL- 79 0-20	A1				37.9	49.3	0.5	8.5	0.8	8.1	7.7		0	0.18	0.06		
A 13521/00	GL- 79 20-40	A3				32.6	49	2.5	13.5	0.1	7.4	7		0	0.15	0.05		
A 13522/00	GL- 79 40-80	B1	0.19	1.7		35.2	48.7	1.5	14	0	7.4	6.8		0	0.11	0.04		
A 13523/00	GL- 80 0-25	A1				34.6	37.6	2.5	19	1.8	7.9	7.5		0	0.34	0.1	330	0.05
A 13524/00	GL- 80 25-35	B11				27	32.5	2	36.5	0.8	7.7	7.3		4.3	0.32	0.1	390	0.06
A 13525/00	GL- 80 35-49	B12				31.1	26.9	1	39	0.9	7.8	7.3		0	0.29	0.09	300	0.05
A 13526/00	GL- 80 49-100	B21	0.9	5.3		13.8	21	1	63	0.7	7.4	7		0	0.27	0.08	180	0.03
A 13527/00	GL- 80 100-170	B22				29.6	18.8	1	50	0.2	6.6	6.2		7.6	0.21	0.07		
A 16871/00	GL83 0-10	A1				16.3	48.5	14	13	0.9	4.6	4	67	13	0.08	0.03		
A 16872/00	GL83 10-32	A2				15.1	52.2	15	14	0.1	5.1	4.4	44	6.7	<0.05	0.02		
A 16873/00	GL83 46-60	B21				6.4	19.7	5	66	0	5.9	4.8	23	11	0.07	0.02		
A 16874/00	GL83 60-90	B22				3.1	8.8	6	82	0.1	6.3	5.6	<10	12	0.09	0.03		
A 16875/00	GL83 90-135	B23				5	9.7	11.5	71.5	0	6.5	6		9.7	0.11	0.04		
A 16876/00	GL92 0-10	A1				10.7	29.7	16	30.5	3.5	5.4	4.9	12	21	0.33	0.1	210	0.03
A 16877/00	GL92 10-31	B21				6.2	28.5	13	48.5	1	6	5.3	12	14	0.12	0.04		
A 16878/00	GL92 31-58	B22				5.7	28	11	50	1	6.8	6		10	0.11	0.04		
A 16879/00	GL92 58-97	B23				5	27.9	13.5	50	1.5	8.2	7.7			0.27	0.08	<60	<0.01
A 16880/00	GL92 97-120	B24K				14.1	34.8	14	31.5	3	8.4	7.9			0.29	0.09	<60	<0.01
A 16881/00	GL92 120-140	B25K				2.4	23.1	20.5	42.5	10.1	8.6	8.1			0.48	0.15	210	0.03
A 16882/00	GL92 140-157	B26K				2.9	28.3	30	32.5	3.3	8.5	8			0.49	0.15	270	0.04
A 16883/00	GL92 157-175	B27K				3	26.5	29	38	1.3	8.7	8.1			0.37	0.11	170	0.03

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			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)		CaCl2	mg/kg	meq/100g	dS/m	% w/w	mg/kg	% (w/w)
A 16884/00	GL77 0-10	A1				25.1	29.4	12	17	3.7	6.3	4.9	15	21	0.09	0.03		
A 16885/00	GL77 10-40	B1				28.9	33.2	14	19.5	1.7	6.1	5.6	<10	11	0.11	0.04		
A 16886/00	GL77 40-70	B2				12.8	20.8	12.5	53	0.7	6.2	5.8	<10	11	0.12	0.04		
A 16887/00	GL116 0-15	A1				21.6	39.4	13.5	18.5	1.5	5.2	4.6	22	12	0.21	0.07		
A 16888/00	GL116 15-36	B21				22.4	34.8	12	27	1.1	5.8	5	10	8.6	0.19	0.06		
A 16889/00	GL116 36-57	B22				22.4	33.5	13	29	1.2	6.9	6		5.7	0.25	0.08		
A 16890/00	GL116 57-99	B23				18.1	35.9	13	31	1.3	8.2	7.3			0.36	0.11	320	0.05
A 16891/00	GL116 99-113	B24				17.1	35.3	13	32.5	0.9	8.4	7.6			0.5	0.15	470	0.08
A 16892/00	GL116 115-142	B25				6.2	23.3	21.5	47	1.2	8.1	7.2			0.46	0.14	430	0.07
A 16893/00	GL122 0-12	A11				32.2	21.1	10	31	1.5	5.4	4.7	15	10	0.22	0.07		
A 16894/00	GL122 12-24	A12				47.2	25.2	6.5	16	0.5	5.4	4.7	11	8.5	0.21	0.07		
A 16895/00	GL122 24-46	A2				46.7	30.1	9	11	0.3	5.9	5	<10	3.6	0.13	0.04		
A 16896/00	GL122 46-71	B21				25.8	12.8	5.5	53	0.1	5.6	4.8	25	8	0.27	0.08	220	0.04
A 16897/00	GL122 71-100	B22				26	15.6	10	47	0.4	5.9	5	12	6.7	0.31	0.1	260	0.04
A 16899/00	GL26 16-34	A12				33.1	59.3	2.5	3.5	0.9	6.8	6.1			0.19	0.06		
A 16900/00	GL26 34-54	A31				28.5	51.7	3	15	0.7	7.4	6.6			0.21	0.07		
A 16901/00	GL26 54-88	A32				26.5	47.3	3	22	2.1	8.1	7.2			0.24	0.08		
A 16902/00	GL26 88-120	B21K				25.2	40.4	4	27	0.3	8.8	8.1			0.33	0.1	230	0.04
A 16903/00	GL26 120-183	B22K				22	32.8	3	25.5	14.5	9	8.3			0.36	0.11	260	0.04
A 16904/00	GL28 0-18	A1				69.2	26.1	1	6	2.1	7.1	7			0.32	0.1	200	0.03
A 16905/00	GL28 18-35	A21				61.2	34.4	2.5	3.5	0.6	6	5.5	<10	2	0.16	0.05		
A 16906/00	GL28 35-53	A22				56.3	37.4	3.5	3	0.2	5.7	5.2	<10	2.6	0.12	0.04		
A 16907/00	GL28 53-60	B21				44.4	28.5	3	21.5	0.8	5	4.3	180	12	0.17	0.05		
A 16908/00	GL28 60-110	B3				49.2	22	1.5	27.5	0.4	5	4.2	200	11	0.17	0.05		
A 16909/00	GL17 10-42	A21				56.4	28.8	5	8	0.2	6	5.2	<10	4	0.19	0.06		
A 16910/00	GL17 42-48	A22				67	18	3.5	11	0.2	5.3	4.6	18	4.3	0.25	0.08		
A 16911/00	GL17 48-70	B21				41.2	11.9	1.5	43.5	0.2	5.4	4.8	24	9.7	0.46	0.14	620	0.1
A 16912/00	GL17 70-94	B22				43.2	17.4	2	37	0.3	6.4	6	<10	6.2	0.57	0.17	820	0.14
A 16913/00	GL98 0-7	A1				28.6	29.4	10	25.5	1.5	6.3	5.9	12	8.6	0.16	0.05		
A 16914/00	GL98 7-30	A3				27	28	10.5	30.5	0.7	6.2	5.6	10	8.2	0.12	0.04		
A 16915/00	GL98 30-50	B11				26.8	27.7	10	34.5	0.4	6.4	5.8	11	7.2	0.1	0.03		
A 16916/00	GL98 50-63	B12				24.6	22.7	7.5	44	0.2	6.8	6.2		6.6	0.1	0.03		
A 16917/00	GL98 63-99	B21				22.9	21.6	7	48	0	7.3	6.6			0.09	0.03		
A 16918/00	GL98 99-130	B22K?				21.4	22.3	8.5	43.5	3.4	8	7.6			0.25	0.08		
A 16919/00	GL69 0-20	A1				32.1	48.2	7.5	11.5	0.5	6.7	6.4		4.4	0.21	0.07		
A 16920/00	GL69 20-60	B21				11.5	11.8	5	70.5	0.7	6.5	6		11	0.21	0.07		
A 16921/00	GL69 60-110	B22				18.8	17.8	7.5	54	0.3	7	6.4			0.24	0.08		
A 16922/00	GL69 110-200	B23				23	30.4	5	41	0	7.7	6.9			0.25	0.08		
A 16923/00	GL70 0-10	A1				16.1	23.1	6	51.5	0.2	6.3	5.7	<10	8.9	0.19	0.06		
A 16924/00	GL70 10-25	B21				13.5	16.9	6	63	0.8	6.9	6.4		7.2	0.16	0.05		
A 16925/00	GL70 25-73	B31				19.4	30.4	7.5	44	0.2	6.7	6		5.7	0.19	0.06		
A 16926/00	GL70 73-158	B32				15.1	36.4	7.5	40	0	6.2	5.4	<10	6.4	0.35	0.11	270	0.04
A 16927/00	GL63 0-15	A1				36.7	23.9	12	19.5	3	6.6	6		8.6	0.13	0.04		
A 16928/00	GL63 15-37	B21				29.7	17.4	9	41.5	0.9	6.3	5.6	<10	9.9	0.08	0.03		
A 16929/00	GL63 37-84	B22				12.7	11.1	9.5	67	0.6	6.1	5.9	<10	11	0.08	0.03		
A 16930/00	GL3 0-10	A1				16.8	55.2	10.5	11.5	0.7	5.1	4.4	53	9.8	0.14	0.05		
A 16931/00	GL3 10-30	A2				20	54	9	13	1.4	5.4	4.7	31	7.1	0.1	0.03		
A 16932/00	GL3 30-120	B2				23.1	18.6	7.5	50	0.5	6	5.6	<10	8.9	0.09	0.03		
A 11260/00	GL111 0-35	A1				7.3	31.7	25	29.5	1.5	5.3	4.6	50	16	0.29	0.09		
A 11261/00	GL111 35-63	B21				1.5	25.7	23.5	47.5	0	7	6.1			0.41	0.13		
A 11262/00	GL111 63-101	B22				1	18.2	24	56	0	8.4	7.8			0.92	0.28		
A 11263/00	GL111 101-122	B23				0.9	27.4	29	42	0.1	8.5	7.9			1	0.3		
A 11264/00	GL111 122-170	B24									8.1	7.6			1.1	0.33		
A 11265/00	GL111 170-200	B31?									8	7.4			0.95	0.29		

Sample No	Desc of sample	Horizon	Extr. Al	Extr. Fe	Gravel	CS	FS	Si	C	LAT	pH-H2O	pH-CaCl2	Exch.Al	Exch.H	E.C.	T.S.S.	Cl	Cl-NaCl
			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)		CaCl2	mg/kg	meq/100g	dS/m	% w/w	mg/kg	% (w/w)
A 11403/00	GL 111 200-236	B32?									8.2	7.4			0.35	0.11		
A 11266/00	GL109 0-20	A1				2	27	18	47.5	1.2	6.7	5.8		14	0.21	0.07		
A 11267/00	GL 109 20-30	B21				1.6	30	32	33.5	0.6	9.2	8.4			0.59	0.18		
A 11268/00	GL 109 30-42	B22/B3				1.6	39.8	27	27.5	0.7	9.5	8.7			0.69	0.21		
A 11269/00	GL 109 42-50	B3				1.4	39.4	34.5	21	0	9.3	8.5			0.65	0.2		
A 11270/00	GL 110 0-15	A1				3.5	24.5	20	43	1.2	6	5.1	10	17	0.25	0.08		
A 11271/00	GL 110 15-50	B21				1.7	22.2	18	54	0.7	6.4	5.6	<10	15	0.57	0.17		
A 11272/00	GL 110 50-77	B22				0.9	17.5	16.5	61.5	0.2	8.3	8.1			0.43	0.13		
A 11273/00	GL 110 77-93	B23				0.8	18.4	22	57.5	0.6	9	8.5			0.64	0.19		
A 11274/00	GL 110 93-115	B3				5.4	45.4	20.5	28	0	9	8.5			1.5	0.45		
A 11275/00	GL 96 0-10	A1				7	39.4	26	20.5	0.8	6	4.9	<10	13	0.31	0.1		
A 11276/00	GL 96 10-57	B21				0.4	20.4	34	41.5	0.9	9.9	9.8			0.45	0.14		
A 11277/00	GL 96 57-93	B22				0.3	19.8	30.5	46	1.3	9.9	9.6			0.81	0.24		
A 11278/00	GL 96 93-150	B23				0.6	23.2	31	44.5	0.1	9.9	9.8			0.26	0.08		
A 11279/00	GL 96 150-180	B24									8.9	8.8			0.85	0.26		
A 11280/00	GL 96 180-196	B25									8.9	8.3			0.31	0.1		
A 11281/00	GL 96 196-215	B26									8.6	7.7			0.57	0.17		
A 11282/00	GL 96 215+	B27									9	8.1			0.62	0.19		
A 11283/00	GL 97 0-10	A1				3	28.4	27.5	35	0.5	6	5.2	<10	11	0.16	0.05		
A 11284/00	GL 97 10-30	B21				0.6	27.8	31.5	33.5	0.6	5.6	4.8	12	16	0.11	0.04		
A 11285/00	GL 97 30-53	B22				0.2	21.4	28	46.5	0	5.9	4.8	26	15	0.09	0.03		
A 11286/00	GL 97 53-66	B23				0.2	19.5	24.5	52	0.1	5.9	4.9	18	12	0.12	0.04		
A 11287/00	GL 97 66-86	B24				0.1	20.4	26	49	0.1	6.3	5.2	<10	11	0.09	0.03		
A 11288/00	GL 97 86-113	B3?				0.2	23	34.5	42	0	6.9	5.8			0.1	0.03		
A 11289/00	GL 97 113-163	B3?				0.5	28.8	35.5	34.5	0	7.1	6		4.9	0.1	0.03		
A 11290/00	GL 103 0-14 3	A1				3.2	47.2	20.5	27	0.6	7.3	6.4			0.23	0.07		
A 11291/00	GL 103 14-33	A21				0.2	45.7	28	25.5	0.1	8.9	8			0.37	0.11		
A 11292/00	GL 103 33-62	A22				0.2	40.6	37	23.5	0.1	8.9	8.1			0.46	0.14		
A 11293/00	GL 103 62-91	A23				0.4	40.1	33	26.5	0.1	8.6	7.7			0.33	0.1		
A 11294/00	GL 103 91-130	B21				1.2	28.1	28	43	0	8.4	7.5			0.35	0.11		
A 11295/00	GL 103 130-153	B22									8.3	7.3			0.36	0.11		
A 11296/00	GL 103 153-173	B23									8.3	7.3			0.27	0.08		
A 11297/00	GL 103 173-194	B24									8.4	7.2			0.24	0.08		
A 11298/00	GL 103 194-222	B25?									8.3	7.2			0.28	0.09		
A 11299/00	GL 100 0-25	A1				1.8	32.3	26.5	34	0.2	5.8	4.8	27	16	0.14	0.05		
A 11300/00	GL 100 25-40	B21				1.1	25.3	26	45	0.4	6.2	4.7	63	15	0.11	0.04		
A 11301/00	GL 100 40-60	B22				0.9	19.2	21	57.5	0.8	7.3	6.1			0.22	0.07		
A 11302/00	GL 100 60-73	B23				0.8	21.8	23	53.5	1	8.3	7.3			0.25	0.08		
A 11303/00	GL 100 73-87	B3				4.8	28.3	29	37	1.8	9.1	8.2			0.38	0.12		
A 11304/00	GL 87 0-15	A1				3.2	37.9	30	20	0.9	5.6	4.9	10	17	0.15	0.05		
A 11305/00	GL 87 15-45	A3/B1				2.2	40.2	31	21.5	0	5.6	4.6	71	11	0.06	0.02		
A 11306/00	GL 87 45-73	B21				0.5	22.1	26.5	48.5	1.5	6.1	4.5	190	15	0.08	0.03		
A 11307/00	GL 87 73-114	B22				1	25	33.5	42	1	6.7	5.6		7.8	0.19	0.06		
A 11308/00	GL 87 114-147	B23				0.2	10.2	30	59.5	1.3	8	6.9			0.28	0.09		
A 11309/00	GL 86 0-10	A11				44.2	29.1	11.5	11.5	1.4	5.4	4.6	20	9.1	0.07	0.02		
A 11310/00	GL 86 10-30	A12				44.6	28.9	11	13	0.7	5.4	4.5	44	6.9	0.05	0.02		
A 11311/00	GL 86 30-50	A21				42.1	30	12	15	1	5.7	4.9	28	5.1	<0.05	0.02		
A 11312/00	GL 86 50-65	A22				46.1	29.4	12	12	0.4	5.8	5	12	3.9	<0.05	0.02		
A 11313/00	GL 86 65-78	B1				45.7	25.3	10.5	18	0.5	6.2	5.2	<10	INSAM	<0.05	0.02		
A 11392/00	GL 86 78-92	B21				37.6	21.6	10.5	30	0.5	6.2	5.5	<10	6	<0.05	0.02		
A 11393/00	GL 12 0-4	A1				31.4	31.8	14	16	1.7	5.4	4.6	16	10	0.19	0.06		
A 11394/00	GL 12 4-22	A21				29.5	31.6	17	20.5	0.6	5.8	4.6	32	6.7	0.09	0.03		
A 11395/00	GL 12 35-61	B21				14.1	17.5	16	51	1.3	6.5	5.3		11	0.22	0.07		
A 11396/00	GL 12 61-73	B3									7.8	7			0.65	0.2		

Sample No	Desc of sample	Horizon	Extr. Al	Extr. Fe	Gravel	CS	FS	Si	C	LAT	pH-H2O	pH-CaCl2	Exch.Al	Exch.H	E.C.	T.S.S.	Cl	Cl-NaCl
			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	CaCl2	mg/kg	meq/100g	dS/m	% w/w	mg/kg
A 11397/00	GL 9 0-15	A1				2.1	35.2	24	27	2.8	5.5	4.9	<10	19	0.29	0.09		
A 11398/00	GL 9 15-45	A3				1.2	41.5	24.5	27	1.2	5.8	4.9	<10	16	0.14	0.05		
A 11399/00	GL 9 45-56	B1				0.9	44.8	29	22	1	6.2	5.2	<10	7.5	0.1	0.03		
A 11400/00	GL 9 56-82	B21				0.8	32.7	20	44	1.6	6.6	5.6		9.8	0.12	0.04		
A 11401/00	GL 9 82-115	B22				1	58	14.5	22	1.8	6.9	5.8		8	0.1	0.03		
A 11402/00	GL 9 115-165	B3				2.5	48	20.5	25	2	6.8	6		7.2	0.17	0.05		
A 25111/00	GL 159 0-15 A1				A5G	21.5	34.7	9.5	25	1.6	5.4	4.9	13	14	0.06	0.02		
A 25112/00	GL 159 15-25 A21				A20G	22.8	39	8.5	27	0.5	5.8	5.2	<10	6.2	<0.05	0.02		
A 25113/00	GL 159 25-35 A22				A40G	21.4	37.8	5	34.5	0.3	6.3	5.7	<10	6.5	0.05	0.02		
A 25114/00	GL 159 35-50 B2				A10G	15.2	23.8	2	54	0.3	6.9	6.3	<10	7.4	0.09	0.03		
A 25115/00	GL 159 50-80 BC				0						7	6.5		0	0.13	0.04		
A 25116/00	GL 160 0-5 A1				A5G	49.2	28.2	7.5	10	0.3	5.2	4.5	17	6.6	<0.05	0.02		
A 25117/00	GL 160 5-15 A21				A5G	50.5	30	7.5	8.5	0.6	5.1	4.4	21	4.6	<0.05	0.02		
A 25118/00	GL 160 15-50 A22				A10G	56	28	5.5	6.5	0.5	5.5	4.8	<10	1.9	<0.05	0.02		
A 25119/00	GL 160 50-60 A23				A20G	52.1	24	9	12	0.2	5.9	5.1	<10	1.1	<0.05	0.02		
A 25120/00	GL 160 60-100 B2				A<5G	27.5	14	4.5	53.5	0	6.5	5.3	<10	0	0.08	0.03		
A 25121/00	GL 160 100-160 B3				A<5G						6.1	4.9		0	0.12	0.04		
A 25122/00	GL 161 0-10 A1				A<5G	36.5	24.9	9	20.5	1.4	5.9	5.6	<10	9.6	0.14	0.05		
A 25123/00	GL 161 10-30 A2				A15G	34.3	32.4	8.5	22	0.4	5.2	4.5	32	7.4	<0.05	0.02		
A 25124/00	GL 161 30-50 B21				A<5G	12.3	14.6	6.5	66	0.2	5.6	4.9	14	8.7	<0.05	0.02		
A 25125/00	GL 161 50-85 B22				A<5G	5.6	13.3	8	72.5	0	6	5.9	<10	7.1	0.06	0.02		
A 25126/00	GL 161 85-100 B23				A<5G						6.2	6.1		0	0.06	0.02		
A 25127/00	GL 162 0-10 A11				A5G	25	20	14.5	34	1.4	5.6	4.8	11	13	0.07	0.02		
A 25128/00	GL 162 10-40 A12				A<5G	19.7	20.4	12	41	0.8	6	5.1	<10	12	0.07	0.02		
A 25129/00	GL 162 40-65 A13				A40G	34.1	13.6	8.5	38.5	0.2	6.3	5.3	<10	8	0.06	0.02		
A 26304/00	GL 162 65-111 B2					3.1	3.2	3.5	89.5	0.9	6.3	5.7	<10	9.3	0.2	0.06		
A 25130/00	GL 163 0-15 A11				A20G	26.6	46.8	10	13	0	5.1	4.3	46	9.4	<0.05	0.02		
A 25131/00	GL 163 15-30 A12				A5G	26.3	44.6	10.5	20	0	5.4	4.7	12	6.3	<0.05	0.02		
A 25132/00	GL 163 30-60 B2				A<5G	22.2	29.6	6.5	43	0	5.9	5.3	<10	6.7	<0.05	0.02		
A 25133/00	GL 163 75-90 D1				A10G	6.8	27.3	9	59	0	6	5.8	<10	6.1	0.05	0.02		
A 25134/00	GL 155 0-10 A1				A5G	8.3	23.2	16	39.5	1.7	5.8	5.1	14	17	0.11	0.04		
A 25135/00	GL 155 10-30 B21				A5G	3.7	19.8	11.5	57	1.1	6.6	5.7	18	14	0.13	0.04		
A 25136/00	GL 155 30-55 B22				A<5G	4.2	15.9	11.5	61	1.8	7.1	6.3		0	0.29	0.09	<60	<0.01
A 25137/00	GL 155 55-70 B3				A5G						8.1	7.5		0	0.34	0.1	<60	<0.01
A 25138/00	GL 156 0-10 A1				A5G	16.2	22.4	15	34	2.2	5.9	5	12	0	0.09	0.03		
A 25139/00	GL 156 10-50 B21				A<5G	9.5	22	10.5	51	1.8	7	5.9		0	0.12	0.04		
A 25140/00	GL 156 50-70 B22				A<5G	10.2	22.6	11	50.5	1.7	7.8	6.8		0	0.16	0.05		
A 25141/00	GL 156 70-90 B3				A<5G						8.8	8.1		0	0.4	0.12	170	0.03
A 25142/00	GL 157 0-20 A1				A<5G	9.7	15.7	27	41	1.8	5.8	4.6	62	17	0.1	0.03		
A 25143/00	GL 157 20-35 B21				A<5G	5.2	10.1	20	60.5	0.8	6.2	5	15	15	0.12	0.04		
A 25144/00	GL 157 35-55 B22				A<5G	5	9.4	19	61.5	1.1	6.8	5.6		11	0.17	0.05		
A 25145/00	GL 157 55-75 B23				A<5G	4.6	8.9	20	63.5	1.5	7.8	6.9		0	0.38	0.12	360	0.06
A 25146/00	GL 157 75-90 B24				A<5G						8.5	7.8		0	0.83	0.25	1000	0.16
A 25147/00	GL 157 90-145 B25				A<5G						8.6	7.9		0	0.79	0.24	980	0.16
A 25148/00	GL 158 0-10 A1				A<5G	11.7	19.2	15.5	45.5	2.2	5.5	4.6	44	15	0.09	0.03		
A 25149/00	GL 158 10-35 B21				A<5G	9.6	13	8	64.5	1.1	6.2	5.2	<10	11	0.11	0.04		
A 25150/00	GL 158 35-80 B22				A<5G	6.4	10.6	12.5	66.5	1	6.9	6		10	0.25	0.08		
A 25151/00	GL 158 80-100 B23				A<5G	5.6	12.6	7.5	71	1.2	6.5	6		0	0.8	0.24	750	0.12
A 25152/00	GL 158 120-135 B3				A<5G						6.3	5.6		0	0.68	0.21		
A 26305/00	GL 170 FACE 1 0-15 A1					8.9	38.9	20.5	27	1	5.4	4.5	44	10	0.07	0.02		0
A 26306/00	GL 170 FACE 1 15-30 A2					9	44.6	26.5	18	0.6	5.9	4.8	<10	5.7	0.06	0.02		0
A 26307/00	GL 170 FACE 1 30-90 B2					5.8	31.4	12.5	46	1.3	7.8	6.9		0	0.23	0.07		0
A 26308/00	GL 170 DARK FACE 30-50 B21					2.8	24.8	13.5	54.5	1.9	8	6.9		0	0.21	0.07		0
A 26309/00	GL 170 DARK FACE 50-90+ B22										9	8.3		0	0.54	0.16	240	0.04

Sample No	Desc of sample	Horizon	Extr. Al	Extr. Fe	Gravel	CS	FS	Si	C	LAT	pH-H2O	pH-CaCl2	Exch.Al	Exch.H	E.C.	T.S.S.	Cl	Cl-NaCl
			% (w/w)	% (w/w)		% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)		CaCl2	mg/kg	meq/100g	dS/m	% w/w	mg/kg	% (w/w)
A 25256/00	GL 164 0-25				A<5G	13.6	54.4	8.5	16.5	1.7	6.5	6		7.8	0.11	0.04		
A 25257/00	GL 164 25-40				A20G	12.8	46.6	8	29.5	0.7	4.7	4	220	11	0.08	0.03		
A 25258/00	GL 164 40-60				A40G	9.6	35.3	8	46.5	0.8	5.5	4.6	53	9.8	0.08	0.03		
A 25259/00	GL 165 0-10				A40G	13.8	42.9	17	18	2.2	5.6	4.9	51	15	0.05	0.02		
A 25260/00	GL 165 10-30				A40G	9.8	37.4	15.5	32.5	1.6	6	5.3	14	12	0.08	0.03		
A 25261/00	GL 165 30-50				A40G	6.1	16.2	6	67	1	5.4	4.7	75	11	0.09	0.03		
A 25262/00	GL 166 0-20				A<5G	7.8	40.8	29	18	1.6	5.7	5	<10	8.9	0.13	0.04		
A 25263/00	GL 166 20-50				A5G	7.6	18	24	52	0.6	6.5	5.5		7.1	0.05	0.02		
A 25264/00	GL 166 50-80				A30G	11.1	25.9	21.5	42	0.2	7	6		0	0.07	0.02		
A 25265/00	GL 167 0-15				A40G	48.8	31	7	9.5	0.2	6.2	5.4	<10	5	0.13	0.04		
A 25266/00	GL 167 15-25				A40G	38.4	29.1	7	24	0	5.7	4.7	19	5.9	0.08	0.03		
A 25267/00	GL 167 25-40				A30G	22.9	20.8	6	49	1	6.6	5.9		6.4	0.15	0.05		
A 25268/00	GL 168 0-10				A15G	37.9	37.7	11.5	10.5	0.5	5.4	4.4	17	7	0.08	0.03		
A 25269/00	GL 168 10-30				A40G	41.9	35.2	12	10	0	5.2	4.5	25	3.9	<0.05	0.02		
A 25270/00	GL 168 30-40				A40G	35.5	39	14.5	10	0	5.9	5.1	<10	2.8	0.07	0.02		
A 25271/00	GL 168 40-55				A<5G	11.1	17.7	6.5	63	0.8	7.4	6.2		0	0.16	0.05		
A 25272/00	GL 168 55-80				A<5G	17	18.7	10.5	51	0.9	7.9	6.8		0	0.16	0.05		
A 25273/00	GL 169 0-15				A<5G	7.1	37.7	21.5	27.5	1.2	5.3	4.3	69	14	0.08	0.03		
A 25274/00	GL 169 15-40				A<5G	2.1	14.7	10.5	69.5	1.6	7.3	6.2		9.4	0.19	0.06		
A 25275/00	GL 169 40-60				A<5G	1.6	11.6	8	74.5	1.8	8.4	7.3		0	0.18	0.06		
A 25276/00	GL 169 60-90				A<5G	2.8	14.6	9.5	70.5	1.6	9.1	8.4		0	0.52	0.16	400	0.07
A 25277/00	GL 169 90+				A<5G						9.5	9.1		0	0.2	0.06		
A 25278/00	GL 171 0-15				A40G	8	60.6	19	10.5	0.2	5	4.2	89	7.3	<0.05	0.02		
A 25279/00	GL 171 15-25				A20G	3.9	23.7	19.5	52	0.6	5.5	4.5	170	12	<0.05	0.02		
A 25280/00	GL 171 25-45				A<5G	1.4	15.8	10.5	71	0.4	5.7	4.8	60	12	0.05	0.02		
A 25281/00	GL 171 40-60				A<5G	1.1	18.9	10	68.5	0.7	6.4	5.4	<10	11	0.06	0.02		
A 25283/00	GL 172 10-25				A20G	14.7	50.4	22.5	10	0.5	5.8	4.6	16	5.5	0.06	0.02		
A 25284/00	GL 172 25-45				A<5G	2.2	20	9	64.5	1	7.9	6.9		0	0.27	0.08	69	0.01
A 25285/00	GL 172 45-55				A<5G	2.2	16.4	17.5	59.5	1.2	9	8.6		0	0.23	0.07		
A 25286/00	GL 172 FACE 2 15-25				A<5G	2.4	28.5	14	50	1.2	6.9	5.9		8.6	0.23	0.07		
A 25287/00	GL 173 0-15				A<5G	6.1	18.8	14	55	1.3	5.6	4.6	28	15	0.09	0.03		
A 25288/00	GL 173 15-40				A<5G	5.1	13.8	9.5	69	0.7	6.1	5.1	13	14	0.14	0.05		
A 25289/00	GL 173 40-80				A<5G	2.8	13.2	14	66.5	0.7	6.4	5.3	<10	13	0.26	0.08	190	0.03
A 25290/00	GL 173 80-140				A<5G	0.8	10	7.5	79	0.4	6.5	6.3	<10	11	0.27	0.08	1600	0.26
A 25291/00	GL 174 0-20				A<5G	37.2	42.2	6.5	10	0.5	5.3	4.4	23	7.7	<0.05	0.02		
A 25292/00	GL 174 20-40				A5G	36	46.9	7	8.5	0.3	6.1	5.3	<10	2.3	<0.05	0.02		
A 25293/00	GL 174 40-70				A<5G	14.5	17.3	4	60.5	1	7.4	6.4		0	0.1	0.03		
A 25294/00	GL 175 0-30				A<5G	15.5	52.2	15.5	10	0.6	5.9	5.2	<10	7.1	0.13	0.04		
A 25295/00	GL 175 30-45				A5G	18.3	50.6	18.5	11.5	0.2	6.5	5.8		2.9	<0.05	0.02		
A 25296/00	GL 175 45-60				A<5G	2.7	11.1	8.5	77.5	0.9	7	6.2		0	0.1	0.03		

Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL 48 0-12	1.9	0.96	0.06	8.1			0.42			0.06			0.22			
GL 48 12-140				1.8			0.55			0.05			0.17			
GL 46 0-6	11	5.7	0.31		11			4.1			0.9			0.5		5
GL 46 6-16				5.8			1.5			0.85			0.28			
GL 46 16-47				3.5			1.3			0.66			0.12			
GL 46 47-70				3.5			1.6			0.87			0.17			
GL 39 0-55	2.9	1.5	0.13	12			0.76			0.52			0.44			
GL 62 0-22	5.3	2.8	0.16	3.5			1.3			0.19			0.37			
GL 62 22-54				0.79			0.66			0.09			0.14			
GL 62 54-74				3.4			8			0.94			0.28			
GL 62 74-134				3.1			9.6			1.6			0.23			
GL 76 0-20	3.4	1.8	0.1	2.2			1.4			0.71			0.43			
GL 76 20-45				0.43			0.47			0.26			0.27			
GL 76 45-65				0.78			0.81			0.39			0.26			
GL 76 65-78					1.5			3.5			0.4			0.4		<5
GL 76 78-106					2			4.2			0.5			0.2		<5
GL 67 0-18	6.3	3.3	0.22		6			1.9			0.3			0.5		<5
GL 67 18-33					3.4			2.9			0.4			0.3		<5
GL 67 33-70				6.7			9.8			1.8			0.32			
GL 67 70-110					7.4			13			2.1			0.2		<5
GL 54 0-30	7.8	4.1	0.27		11			4.8			0.5			1		<5
GL 54 30-50				4.7			6.1			1			0.62			
GL 54 50-70				3.6			6.6			1.2			0.64			
GL 54 70-140				2.7			6.4			1			0.49			
GL 73 0-10	7	3.7	0.23	5.5			2.8			0.76			0.93			
GL 73 10-30				4			3.4			1			0.68			
GL 73 30-90				3.8			4.4			1.2			0.35			
GL 73 90-140					2.8			4.7			0.6			0.2		<5
GL 66 0-15	7.6	4	0.34		6			3.7			0.4			0.7		13
GL 66 15-22					5.3			3.7			0.5			0.6		10
GL 66 22-30					3.6			3.3			0.8			0.6		<5
GL 66 30-80					5.4			8.6			1.5			0.4		<5
GL 66 80-130						4.3			7.3			2.5			0.2	
GL 66 130-200						5.9			11			3.7			0.2	
GL 75 0-40	6.3	3.3	0.21	8.9			2.3			0.31			0.38			
GL 75 40-60				3.6			4.3			0.52			0.31			
GL 75 60-84				3.3			4.8			0.67			0.25			
GL 75 84-114				2.8			4.7			0.72			0.23			
GL 55 0-30	2.1	1.1	0.06	2.9			1.4			0.39			0.26			
GL 55 30-50				1.4			3.7			0.79			0.34			
GL 55 50-80				2.1			4.6			1.3			0.26			
GL 55 80-100				2.6			4.8			1.3			0.18			
GL 55 100-200					3.5			4.5			1.1			0.1		17
GL 107 0-15	5.3	2.8	0.19	3.2			1.8			0.35			0.76			
GL 107 15-40				3.1			2.5			0.29			0.56			
GL 107 40-70				3.3			5.8			0.67			0.53			
GL 108 0-11	4	2.1	0.11	2.4			1.3			0.25			0.37			
GL 108 11-25				1.9			1.5			0.28			0.4			
GL 108 25-50				4.2			5.1			0.61			0.6			
GL 108 50-63				4.8			6.9			0.82			0.59			
GL 102 0-15	2.7	1.4	0.1	2.1			1.4			0.21			0.47			
GL 102 15-30				1.8			1.6			0.31			0.49			
GL 102 30-50				1.8			4			0.53			0.36			
GL 51 0-20	1.7	0.86	<0.05	3.4			0.41			0.09			0.12			

Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL 51 20-48				1.4			0.14			<0.05			0.1			
GL 51 48-80				0.68			0.12			<0.05			0.09			
GL 51 80-140				0.64			0.07			<0.05			0.09			
GL 29 0-48	3.8	2	0.08	1.2			0.54			0.76			0.24			
GL 29 48-65				0.34			0.22			0.51			0.14			
GL 29 65-73				0.32			0.33			0.84			0.21			
GL 29 73-100					0.9			0.5			0.4			0.2		220
GL- 41 0-25	2.1	1.1	0.05	3.3			0.78			0.32			0.17			
GL- 41 25-70				2			0.39			0.28			0.11			
GL- 41 70-130				5.6			3.6			0.41			0.14			
GL- 41 130-170				3.3			2.2			0.29			0.09			
GL- 43 0-30	3.6	1.9	0.09	9.3			0.56			0.07			0.38			
GL- 43 30-50				7.1			1.4			0.06			0.21			
GL- 43 50-100				6.1			2.7			0.09			0.21			
GL- 43 100-140				6.5			3.1			0.1			0.27			
GL- 43 140-200				11			3.5			0.31			0.19			
GL- 47 0-10	2.5	1.3	0.06	3			0.45			0.11			0.16			
GL- 47 10-26				1.4			0.31			0.08			0.13			
GL- 47 26-40				0.84			0.22			0.06			0.14			
GL- 47 40-90				1.4			0.8			0.33			0.16			
GL- 47 90-140				6			4.9			0.36			0.13			
GL- 47 140-200				7.2			5.2			0.54			0.15			
GL- 34 0-33	2.5	1.3	0.07	2			0.31			0.15			0.09			
GL- 34 33-61				0.4			0.12			0.25			0.06			
GL- 34 61-80				0.72			0.44			0.63			0.16			
GL- 34 80-150				1.8			5.4			2.1			0.15			
GL- 82 0-10	4.6	2.4	0.17	2.2			0.65			0.19			0.28			
GL- 82 10-32				1.2			0.46			0.12			0.1			
GL- 82 32-50				0.87			0.41			0.09			0.07			
GL- 82 50-65				1.4			1.4			0.21			0.08			
GL- 82 75-104				4.2			6.5			1.1			0.21			
GL- 82 104-135				3.2			6			1.1			0.16			
GL- 82 135-200										0						
GL- 79 0-20	1.8	0.94	0.07	13			0.46			0.28			0.24			
GL- 79 20-40				7.6			0.46			0.31			0.19			
GL- 79 40-80				5.7			0.45			0.26			0.12			
GL- 80 0-25	4.4	2.3	0.18			11		0.7		0.4	0.4			0.5		
GL- 80 25-35						11		0.7		0.6	0.6			0.4		
GL- 80 35-49						9.8		0.8		0.5	0.5			0.4		
GL- 80 49-100						11		2.1		0.7	0.7			0.3		
GL- 80 100-170				8.6			2.4			0.84			0.24			
GL83 0-10	8	4.2	0.28	1			0.63			0.13			0.27			
GL83 10-32				0.81			0.47			0.15			0.07			
GL83 46-60				2.3			5.3			0.72			0.18			
GL83 60-90				2.4			7.8			1.1			0.22			
GL83 90-135				2			8			1.6			0.18			
GL92 0-10	15	7.9	0.75			11		5.7		0.2	0.2			1.7		<5
GL92 10-31				11			10			0.48			1.5			
GL92 31-58				13			13			0.71			1.3			
GL92 58-97							14			15	1.1	1.1			1	
GL92 97-120							13			14	1.5	1.5			0.8	
GL92 120-140							18			26	2.5	2.5			0.6	
GL92 140-157							22			32	2.8	2.8			0.7	
GL92 157-175							21			29	2.4	2.4			0.6	



Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL77 0-10	19	10	0.45	14			4.4			0.54			0.96			
GL77 10-40				3.9			1.6			0.26			0.5			
GL77 40-70				2.2			4			0.5			0.27			
GL116 0-15	6.5	3.4	0.22	2.8			3.3			0.71			0.83			
GL116 15-36				3.5			5.2			1.3			0.69			
GL116 36-57				4.2			6.9			2.2			0.82			
GL116 57-99							4.9			8.2		2.9			0.9	
GL116 99-113							4.7			8.6		3.6			0.8	
GL116 115-142							6.8			13		6			0.9	
GL122 0-12	5.7	3	0.18	2.8			3.5			0.83			0.59			
GL122 12-24				2.1			2.1			0.78			0.48			
GL122 24-46				1.5			1.2			0.53			0.24			
GL122 46-71					2			5.6		1.3	1.3			0.2		19
GL122 71-100					2			6.8		2	2			0.2		5
GL26 16-34				1.8			0.57			0.55			0.11			
GL26 34-54				5.7			2.6			1.3			0.23			
GL26 54-88				7.4			3.3			1.7			0.27			
GL26 88-120							9.8			3.8		1.8			0.4	
GL26 120-183							8.4			3		1.5			0.3	
GL28 0-18	2.3	1.2	<0.05				2			0.3		0.1			0.2	
GL28 18-35				0.57			0.19			0.38			0.12			
GL28 35-53				0.89			0.3			0.31			0.1			
GL28 53-60				0.95			2.3			0.59			0.22			
GL28 60-110				0.97			3.8			0.7			0.22			
GL17 10-42				2			0.56			0.59			0.16			
GL17 42-48				0.95			1.6			0.87			0.21			
GL17 48-70					3.5			5.8		1	1			0.2		9
GL17 70-94					3.7			5.9		2	2			0.2		<5
GL98 0-7	7	3.7	0.23	12			2.1			0.25			0.76			
GL98 7-30				12			2			0.22			0.57			
GL98 30-50				12			2.1			0.23			0.55			
GL98 50-63				12			2.4			0.28			0.6			
GL98 63-99				13			2.2			0.31			0.52			
GL98 99-130				26			2.2			0.35			0.47			
GL69 0-20	1.7	0.89	<0.05	3.1			1.1			0.48			0.3			
GL69 20-60				9.7			7.2			1.3			0.44			
GL69 60-110				9.5			6.2			1.5			0.24			
GL69 110-200				13			6.8			1.8			0.26			
GL70 0-10	2.3	1.2	0.09	4.5			5.6			0.96			0.52			
GL70 10-25				5			6.3			0.97			0.3			
GL70 25-73				4.1			6.3			1.6			0.18			
GL70 73-158					4.5			6.8		2.7	2.7			0.1		<5
GL63 0-15	7.6	4	0.13	8.1			1.9			0.29			0.48			
GL63 15-37				2.2			3.5			0.23			0.28			
GL63 37-84				1.8			5.1			0.49			0.18			
GL3 0-10				1.1			0.75			0.35			0.32			
GL3 10-30				0.89			0.74			0.3			0.22			
GL3 30-120				1.4			5.6			0.4			0.38			
GL111 0-35	5.5	2.9	0.27		3.2			3.3			0.8			0.9		68
GL111 35-63					4.9			8.9			3.2			1.3		<5
GL111 63-101							7.7			14		7.4			1.6	
GL111 101-122							5.7			11		6.6			1.1	
GL111 122-170																
GL111 170-200																

Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL 111 200-236																
GL109 0-20	3.3	1.7	0.2	8.8			16			4.9			1.7			
GL 109 20-30						8.7			22			8.2			1.5	
GL 109 30-42						7			22			9.1			1.4	
GL 109 42-50						7.4			24			10			1.3	
GL 110 0-15	7.2	3.8	0.33		6		9.7				1.9			1.8		13
GL 110 15-50					7.3		13				4.8			1.6		<5
GL 110 50-77						9			20			10			2.7	
GL 110 77-93						6.9			18			10			2.3	
GL 110 93-115						3.7			11			6.8			1.3	
GL 96 0-10	6.5	3.4	0.33		2.3		4.9				2.3			0.6		20
GL 96 10-57						1.8			10			13			1.2	
GL 96 57-93						1.7			9.3			13			1.2	
GL 96 93-150						2.3			10			13			1	
GL 96 150-180																
GL 96 180-196																
GL 96 196-215																
GL 96 215+																
GL 97 0-10	4.8	2.5	0.2	7.1			7.6			0.8			1.5			
GL 97 10-30				5.7			6.1			0.65			0.99			
GL 97 30-53				5.4			9.4			0.86			1.1			
GL 97 53-66				5.6			11			1.1			1.1			
GL 97 66-86				6.2			12			1.2			1.1			
GL 97 86-113				6.2			13			1.2			0.93			
GL 97 113-163				5.4			11			1.2			0.77			
GL 103 0-14 3	1.6	0.85	0.09	4.1			7.8			2.1			0.93			
GL 103 14-33						3.7			8.7			3.3			0.7	
GL 103 33-62						3.4			8.5			3.8			0.6	
GL 103 62-91						3.3			8			3.7			0.5	
GL 103 91-130						4.4			10			5.1			0.8	
GL 103 130-153																
GL 103 153-173																
GL 103 173-194																
GL 103 194-222																
GL 100 0-25	4.8	2.5	0.25	4.9			5.3			1.3			0.84			
GL 100 25-40				3.7			8.2			3.2			0.98			
GL 100 40-60				6.1			16			5.6			1.3			
GL 100 60-73				6.9			18			6.5			1.2			
GL 100 73-87						5.2			18			7.3			1.1	
GL 87 0-15	8.2	4.3	0.39	6			2.7			0.46			0.64			
GL 87 15-45				1.2			2.4			0.43			0.43			
GL 87 45-73				1.3			7.7			2.1			0.7			
GL 87 73-114				1.7			10			3.3			0.64			
GL 87 114-147						4.1			21			7.8			0.7	
GL 86 0-10	3.8	2	0.16	1.9			0.81			0.14			0.33			
GL 86 10-30				1.1			0.57			0.14			0.23			
GL 86 30-50				1.3			0.61			0.12			0.15			
GL 86 50-65				0.9			0.52			0.12			0.1			
GL 86 65-78				1.2			1.3			0.21			0.16			
GL 86 78-92				1.8			2.7			0.27			0.15			
GL 12 0-4	5.9	3.1	0.27	2.2			1.9			0.76			0.74			
GL 12 4-22				1.3			2.2			0.78			0.41			
GL 12 35-61				4.3			9.8			4.3			0.96			
GL 12 61-73																

Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL 9 0-15	8.7	4.6	0.48		9.4			5			0.6			1.6		15
GL 9 15-45				8.8			3.9			0.99			0.74			
GL 9 45-56				5.3			3			0.72			0.4			
GL 9 56-82				10			8.1			1.3			0.78			
GL 9 82-115				11			8.1			1.1			0.61			
GL 9 115-165				14			9			1.5			0.59			
GL 159 0-15 A1	7.6	4	0.37	7.3			1.3			0.14	0	0	0.27			
GL 159 15-25 A21				3.8			1.4			0.2	0	0	0.18			
GL 159 25-35 A22				4.1			2.1			0.26	0	0	0.15			
GL 159 35-50 B2				4.5			4.4			0.59	0	0	0.24			
GL 159 50-80 BC											0	0				
GL 160 0-5 A1	4	2.1	0.13	1.6			0.7			0.11	0	0	0.09			
GL 160 5-15 A21				0.7			0.35			0.13	0	0	0.07			
GL 160 15-50 A22				0.37			0.22			0.08	0	0	<0.05			
GL 160 50-60 A23				0.43			0.54			0.13	0	0	<0.05			
GL 160 60-100 B2				1.1			4.6			1	0	0	0.16			
GL 160 100-160 B3				0.85			5.1			1.4	0	0	0.16			
GL 161 0-10 A1	10	5.4	0.34	6.3			1.3			0.2	0	0	0.74			
GL 161 10-30 A2				1.7			0.81			0.07	0	0	0.15			
GL 161 30-50 B21				3.3			3			0.17	0	0	0.21			
GL 161 50-85 B22				3.4			3.8			0.24	0	0	0.19			
GL 161 85-100 B23				3.4			4.1			0.31	0	0	0.14			
GL 162 0-10 A11	8.9	4.7	0.34	3.8			3.7			0.43	0	0	0.18			
GL 162 10-40 A12				4.3			4.7			0.58	0	0	0.17			
GL 162 40-65 A13				2.9			4			0.5	0	0	0.16			
GL 162 65-111 B2				3.4	0	0	14	0	0	1.8	0	0	0.19	0	0	
GL 163 0-15 A11	5.1	2.7	0.17	1.2			0.43			0.08	0	0	0.41			
GL 163 15-30 A12				1.8			0.71			0.07	0	0	0.2			
GL 163 30-60 B2				3			2.1			0.1	0	0	0.24			
GL 163 75-90 D1				2.9			4.2			0.15	0	0	0.15			
GL 155 0-10 A1	10	5.4	0.43	14			9.6			0.35	0	0	1.9			
GL 155 10-30 B21				18			16			1	0	0	1.1			
GL 155 30-55 B22						21			25	0	0	1.6			1.2	
GL 155 55-70 B3				24		20			23	0	0	2			0.6	
GL 156 0-10 A1	7.8	4.1	0.35	9.4			9.1			0.65	0	0	1.4			
GL 156 10-50 B21				13			16			2.2	0	0	1			
GL 156 50-70 B22				13			20			3.3	0	0	0.78			
GL 156 70-90 B3				15		11			21	0	0	4.4			0.6	
GL 157 0-20 A1	7	3.7	0.29	3.7			5.4			1.5	0	0	0.36			
GL 157 20-35 B21				6.2			11			2.8	0	0	0.69			
GL 157 35-55 B22				7.1			13			3.7	0	0	0.81			
GL 157 55-75 B23						7.3			15	0	0	5.7			1.1	
GL 157 75-90 B24				8.2		7.9			18	0	0	8			1	
GL 157 90-145 B25				6.3		5.5			14	0	0	7.1			0.6	
GL 158 0-10 A1	6.1	3.2	0.29	5.3			6.9			0.88	0	0	0.52			
GL 158 10-35 B21				5.8			12			1.9	0	0	1.2			
GL 158 35-80 B22				6.1			14			3.8	0	0	1.2			
GL 158 80-100 B23					4.5			11		0	4.4	0		0.6		<5
GL 158 120-135 B3																
GL 170 FACE 1 0-15 A1	2.9	1.5	0.13	3.7	0	0	2.8	0	0	0.52	0	0	0.33	0	0	
GL 170 FACE 1 15-30 A2	0	0	0	2.2	0	0	1.7	0	0	0.48	0	0	0.19	0	0	
GL 170 FACE 1 30-90 B2	0	0	0	6.7	0	0	8.4	0	0	4.1	0	0	0.35	0	0	
GL 170 DARK FACE 30-50 B21	2.1	1.1	0.08	12	0	0	12	0	0	3.4	0	0	0.83	0	0	
GL 170 DARK FACE 50-90+ B22	0		0	0	10	0	0	12	0	0	5.2	0		0.5	0	

Desc of sample	Org.Mat	Ox.Org.C	Total N	Exch. Ca	Exch.Ca	Exch.Ca	Exch. Mg	Exch.Mg	Exch.Mg	Exch. Na	Exch.Na	Exch.Na	Exch. K	Exch.K	Exch.K	Exch.Al
	% w/w	% w/w	% w/w	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	mg/kg
GL 164 0-25	4.6	2.4	0.21	8.1			2.2			0.38	0	0	0.42			
GL 164 25-40				0.54			1.7			0.4	0	0	0.12			
GL 164 40-60				1.4			4			0.68	0	0	0.16			
GL 165 0-10	5.7	3	0.18	3.6			1.8			0.19	0	0	0.6			
GL 165 10-30				4.1			3.4			0.26	0	0	0.64			
GL 165 30-50				1.7			5.2			0.43	0	0	0.35			
GL 166 0-20	4.6	2.4	0.21	4.1			1.7			0.21	0	0	0.76			
GL 166 20-50				1.8			5			0.41	0	0	0.57			
GL 166 50-80				0.98			4.6			0.7	0	0	0.35			
GL 167 0-15	3.8	2	0.2	2.9			0.91			0.13	0	0	1.2			
GL 167 15-25				2.2			1.7			0.19	0	0	1.4			
GL 167 25-40				4.6			6.6			0.62	0	0	1.9			
GL 168 0-10	3.4	1.8	0.15	1.8			0.42			0.25	0	0	0.58			
GL 168 10-30				0.77			0.31			0.08	0	0	0.18			
GL 168 30-40				0.94			0.54			0.28	0	0	0.19			
GL 168 40-55				5.2			7.2			3.8	0	0	0.94			
GL 168 55-80				6.1			9.8			4	0	0	0.86			
GL 169 0-15	5	2.6	0.24	3.6			3.1			0.59	0	0	0.55			
GL 169 15-40				8.3			14			3.7	0	0	1.7			
GL 169 40-60				8.4			17			0.05	0	0	1.7			
GL 169 60-90						6.6			16	0	0	8.5			1.8	
GL 169 90+				7.2			19			13	0	0	1.3			
GL 171 0-15	1.9	1	0.09	0.76			0.49			0.2	0	0	0.16			
GL 171 15-25				2.2			4.6			0.35	0	0	0.33			
GL 171 25-45				1.5			8.4			0.57	0	0	0.58			
GL 171 40-60				0.49			11			0.96	0	0	0.87			
GL 172 10-25	1.4	0.74	0.07	1.7			0.83			0.39	0	0	0.31			
GL 172 25-45						10			14	0	0	6.3			0.6	
GL 172 45-55				14			19			0.05	0	0	0.52			
GL 172 FACE 2 15-25				9.6			11			3.5	0	0	0.58			
GL 173 0-15				6.4			7.6			0.86	0	0	0.8			
GL 173 15-40				6.4			10			1.9	0	0	0.6			
GL 173 40-80					5.5			9.4		0	2.6	0		<0.1		5
GL 173 80-140					4.7			11		0	4.3	0		0.1		6
GL 174 0-20	3.3	1.7	0.12	1.5			0.45			0.07	0	0	0.41			
GL 174 20-40				0.98			0.57			0.09	0	0	0.08			
GL 174 40-70				6.8			8.7			1.4	0	0	0.38			
GL 175 0-30	5.5	2.9	0.23	3.3			1.1			0.11	0	0	0.91			
GL 175 30-45				1.2			0.92			0.13	0	0	0.26			
GL 175 45-60				5.5			10			0.84	0	0	0.94			

Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL 48 0-12	8.8	19	92	5	1	3	AMA	AMA	AMA		5.8	3.5	8.80	0.68
GL 48 12-140	2.6	3.3	70	22	2	7	AMA	AMA	AMA		4.5	3	5.90	0.85
GL 46 0-6	17	2.7	67	25	6	3	AMA	AMA	AMA		28.2	19.7	34.00	2.65
GL 46 6-16	8.5	3.9	69	18	10	4	AMA	AMA	AMA		14.5	8.6	18.50	4.59
GL 46 16-47	5.6	2.7	63	24	12	3	AMA	AMA	AMA		12.6	5.4	13.10	5.04
GL 46 47-70	6.2	2.2	57	26	15	3	AMA	AMA	AMA		12.2	6.2	12.00	7.25
GL 39 0-55	14	16	88	6	4	4	AMA	AMA	AMA		20	7.6	17.70	2.94
GL 62 0-22	5.4	2.7	66	25	4	7	AMA	AMA	AMA		24	9.5	16.40	1.16
GL 62 22-54	1.7	1.2	47	40	6	9	AMA	AMA	AMA		16.8	3.5	6.20	1.45
GL 62 54-74	13	0.5	27	64	8	3	APA	ANLNL	ANLNL		49.9	27.8	24.00	3.92
GL 62 74-134	15	0.4	22	66	11	2	APA	ANLNL	ANLNL		48.3	29.3	24.40	6.56
GL 76 0-20	4.8	1.6	47	30	15	9	AMA	AMA	AMA		6.7	5.8	9.60	7.40
GL 76 20-45	1.5	1	30	33	19	19	AMA	AMA	AMA		9.6	2.3	3.70	7.03
GL 76 45-65	2.3	1	35	37	18	12	AMA	AMA	AMA		14.4	5.3	10.80	3.61
GL 76 65-78	5.8	0.5	26	61	7	7	APA	ANLNL	ANLNL		32.1	15.6	12.20	3.28
GL 76 78-106	6.9	0.5	29	61	8	3	APA	ANLNL	ANLNL		36.5	19.4	13.40	3.73
GL 67 0-18	8.7	3.2	69	22	4	6	APA	ANLNL	ANLNL		34.9	11.9	16.00	1.88
GL 67 18-33	7	1.2	49	42	6	5	APA	ANLNL	ANLCM		27.6	14	15.30	2.61
GL 67 33-70	19	0.7	36	53	10	2	APA	ANLNL	ANLNL		54.8	32.1	30.00	6.00
GL 67 70-110	23	0.6	33	58	10	1	APA	ANLNL	ANLNL		57.4	33.6	33.00	6.36
GL 54 0-30	17	2.3	64	28	3	6	APA	ANLNL	ANLNL		38.2	20.1	29.00	1.72
GL 54 30-50	12	0.8	38	50	8	5	APA	ANLNL	ANLNL		45.4	23.7	24.00	4.17
GL 54 50-70	12	0.6	30	55	10	6	APA	ANLNL	ANLNL		44.2	26.3	25.00	4.80
GL 54 70-140	11	0.5	26	61	10	5	APA	ANLNL	ANLNL		52.3	30.4	23.00	4.35
GL 73 0-10	10	2	55	28	8	10	APA	ANLNL	ANLNL		26.3	16.3	22.00	3.45
GL 73 10-30	9.1	1.2	44	38	11	8	APA	ANLNL	ANLNL		31.6	22.3	21.10	4.74
GL 73 30-90	9.8	0.9	39	46	13	4	APA	ANLNL	ANLNL		44.9	32.2	19.80	6.06
GL 73 90-140	8.3	0.6	34	57	8	3	APA	ANLNL	ANLNL		51.3	34.6	17.80	3.37
GL 66 0-15	11	1.7	56	35	4	7	APA	ANLNL	ANLNL		37.9	18.1	26.00	1.54
GL 66 15-22	10	1.5	53	37	5	6	APA	ANLNL	ANLNL		32.5	20.8	23.00	2.17
GL 66 22-30	8.3	1.1	44	40	10	8	APA	ANLNL	ANLST		20.9	14.6	15.70	5.10
GL 66 30-80	16	0.7	34	54	10	3	APA	ANLNL	ANLNL		43.8	30.6	25.50	5.88
GL 66 80-130	14	0.6	30	51	18	2	APA	ANLNL	ANLNL		49.5	31.4	14.00	17.86
GL 66 130-200	21	0.6	29	53	18	1	APA	ASLCM	ASTCM		40.7	29	21.00	17.62
GL 75 0-40	12	3.9	75	20	3	4	APA	ANLNL	ANLNL		29.2	15.1	26.00	1.19
GL 75 40-60	8.8	0.9	42	50	6	4	APA	ANLNL	ANLNL		39.3	27.6	17.90	2.91
GL 75 60-84	9.1	0.7	37	54	8	3	APA	ANLNL	ANLNL		42.5	30.3	18.10	3.70
GL 75 84-114	8.5	0.6	34	56	9	3	APA	ANLNL	ANLNL		51.6	32.4	18.00	4.00
GL 55 0-30	5	2.1	59	29	8	6	APA	ANLNL	ANLSL		18.8	8.3	12.40	3.15
GL 55 30-50	6.3	0.4	23	60	13	6	APA	ANLNL	ANLNL		27.9	17.3	16.20	4.88
GL 55 50-80	8.3	0.5	26	56	16	4	APA	ANLNL	ANLNL		35.7	25	20.30	6.40
GL 55 80-100	8.9	0.6	30	54	15	2	APA	ANLNL	ANLNL		35.4	25.1	19.90	6.53
GL 55 100-200	9.2	0.8	38	49	12	1	APA	ANLNL	ANLNL		40.7	25.6	20.20	5.45
GL 107 0-15	6.2	1.8	53	30	6	13	APA	ANLNL	ANLNL		18.2	9.6	18.20	1.92
GL 107 15-40	6.5	1.3	48	39	5	9	APA	ANLNL	ANLST		16.9	10.2	14.00	2.07
GL 107 40-70	10	0.6	32	57	7	5	APA	ANLNL	ANLNL		30.4	21.2	18.50	3.62
GL 108 0-11	4.4	1.9	56	30	6	9	AMA	AMA	AMA		13.7	6	10.90	2.29
GL 108 11-25	4.1	1.3	47	37	7	10	AMA	AMA	AMA		13.3	7.9	10.90	2.57
GL 108 25-50	11	0.9	40	49	6	6	APA	ANLNL	ANLNL		35.9	20.9	20.30	3.00
GL 108 50-63	13	0.7	37	53	7	5	APA	ANLNL	ANLNL		43.6	25.8	22.60	3.63
GL 102 0-15	4.2	1.5	51	34	5	12	APA	ANLNL	ANLNL		24.8	6.7	11.90	1.76
GL 102 15-30	4.2	1.2	43	38	8	12	APA	ANLNL	ANLNL		23.4	8	11.30	2.74
GL 102 30-50	6.7	0.5	27	60	8	6	APA	ANLNL	ANLNL		30.4	15.7	14.80	3.58
GL 51 0-20	4.1	8.3	85	11	3	3	AMA	AMA	AMA		4.1	1.5	7.90	1.14

Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL 51 20-48	1.7	10	83	9	3	6	AMA	AMA	AMA		2.7	1	3.80	0.00
GL 51 48-80	1	5.7	73	13	6	10	AMA	AMA	AMA		3.6	1	2.80	0.00
GL 51 80-140	0.9	9.2	76	9	6	11	AMA	AMA	AMA		8.8	0.7	2.20	0.00
GL 29 0-48	2.8	2.3	44	20	28	9	AMA	AMA	AMA		3.8	4	10.90	6.97
GL 29 48-65	1.3	1.6	28	19	43	12	AMA	AMA	AMA		3.2	2	3.10	16.45
GL 29 65-73	1.7	1	19	20	50	13	AMA	AMA	AMA		6.3	2.4	10.80	7.78
GL 29 73-100	2	1.8	45	25	20	10	AMA	AMA	AMA		7.6	3.6	16.00	2.50
GL- 41 0-25	4.6	4.3	73	17	7	4	AMA	AMA	AMA		5.9	4.6	7.50	4.27
GL- 41 25-70	2.8	5.2	72	14	10	4	AMA	AMA	AMA		8.9	2	2.80	10.00
GL- 41 70-130	9.8	1.6	58	37	5	2	APA	ANLNL	ANLNL		36.4	24.8	19.40	2.11
GL- 41 130-170	5.9	1.5	57	38	5	2	APA	ANLNL	ANLNL		19	14	12.90	2.25
GL- 43 0-30	10	17	91	6	1	4	APA	ANLNL	ANLNL		12.7	7	10.00	0.70
GL- 43 30-50	8.8	5.1	81	16	1	3	APA	ANLNL	ANLNL		14.4	8.9	8.80	0.68
GL- 43 50-100	9.1	2.3	67	30	1	3	APA	ANLNL	ANLNL		22.2	14.2	9.10	0.99
GL- 43 100-140	10	2.1	66	31	1	3	APA	ANLNL	ANLNL		27.1	17.9	10.00	1.00
GL- 43 140-200	15	3.2	74	24	2	2	APA	ANLNL	ANLNL		39.6	27.7	15.00	2.07
GL- 47 0-10	3.8	6.7	81	12	3	5	AMA	AMA	AMA		6.4	4.1	11.40	0.96
GL- 47 10-26	2	4.6	73	17	5	7	AMA	AMA	AMA		4.4	2.3	6.80	1.18
GL- 47 26-40	1.3	3.9	67	18	5	12	AMA	AMA	AMA		3.9	1.7	4.30	1.40
GL- 47 40-90	2.7	1.8	52	30	13	6	AMA	AMA	AMA		8.3	4.5	8.90	3.71
GL- 47 90-140	11	1.3	53	43	4	2	APA	ANLNL	ANLNL		34.6	25.4	23.00	1.57
GL- 47 140-200	13	1.4	55	40	5	2	APA	ANLNL	ANLNL		40	28.6	25.00	2.16
GL- 34 0-33	2.6	6.5	79	13	6	4	AMA	AMA	AMA		5.6	3.4	6.00	2.50
GL- 34 33-61	0.9	3.4	49	15	31	8	AMA	AMA	AMA		4.1	1.5	4.80	5.21
GL- 34 61-80	2	1.7	37	23	33	9	AMA	AMA	AMA		5.4	2.3	11.90	5.29
GL- 34 80-150	9.5	0.4	19	58	23	2	APA	ASLMD	ASTCM		23.7	14.1	14.50	14.48
GL- 82 0-10	3.4	3.4	67	20	6	9	AMA	AMA	AMA		15.7	6.2	12.20	1.56
GL- 82 10-32	1.9	2.6	64	25	7	6	AMA	AMA	AMA		12.5	3.8	5.80	2.07
GL- 82 32-50	1.5	2.2	61	29	7	5	AMA	AMA	AMA		11.6	2.6	4.30	2.09
GL- 82 50-65	3.1	1	46	46	7	3	APA	ANLNL	ASTCM		14.7	5.1	6.50	3.23
GL- 82 75-104	12	0.7	35	55	10	2	APA	ANLNL	ANLNL		34.8	19.9	19.90	5.53
GL- 82 104-135	11	0.6	31	58	11	2	APA	ANLNL	ANLNL		29.4	16.7	18.00	6.11
GL- 82 135-200	0												10.00	0.00
GL- 79 0-20	14	28	93	4	2	2	AMA	AMA	AMA		7.1	3.9	14.00	2.00
GL- 79 20-40	8.6	17	89	6	4	3	AMA	AMA	AMA		9.7	5.5	8.60	3.60
GL- 79 40-80	6.6	13	88	7	4	2	AMA	AMA	AMA		10	5.5	6.60	3.94
GL- 80 0-25	13	16	88	6	4	4	AMA	AMA	AMA		15.9	9.8	13.00	3.08
GL- 80 25-35	13	16	87	6	5	4	APA	ANLNL	ANLNL		20.7	12.8	17.30	3.47
GL- 80 35-49	12	12	86	7	5	4	APA	ANLNL	ANLNL		22.2	14.4	12.00	4.17
GL- 80 49-100	14	5.3	78	15	5	3	APA	ANLNL	ANLNL		36.1	23.3	14.00	5.00
GL- 80 100-170	12	3.6	72	20	7	2	APA	ANLNL	ANLNL		27.8	17.7	19.60	4.29
GL83 0-10	2.1	1.6	50	31	7	14	AMA	AMA	AMA		24.7	8.2	15.10	0.86
GL83 10-32	1.5	1.8	54	32	10	5	APA	ANLNL	ASLMD		19.1	5.4	8.20	1.83
GL83 46-60	8.5	0.5	27	63	9	3	APA	ANLNL	ASTCM		35.7	23.7	19.50	3.69
GL83 60-90	12	0.3	21	68	10	2	APA	ANLNL	ANLNL		46.6	30.2	24.00	4.58
GL83 90-135	12	0.3	17	68	14	2	APA	ANLNL	ANLNL		43.7	27	21.70	7.37
GL92 0-10	19	2	60	31	1	10	APA	ANLNL	ANLSL		47.2	29.9	40.00	0.50
GL92 10-31	23	1.1	48	44	2	7	APA	ANLNL	AMDST		40.1	24.7	37.00	1.30
GL92 31-58	28	1	47	47	3	5	APA	ANLNL	ASLMD		44.1	24.7	38.00	1.87
GL92 58-97	31	1	45	49	4	4	APA	ANLNL	ANLNL		45	26.5	31.00	3.55
GL92 97-120	29	1	45	48	6	3	APA	ANLNL	ANLNL		41.1	21.7	29.00	5.17
GL92 120-140	47	0.7	39	56	6	2	APA	ANLNL	ANLNL		59.2	33.8	47.00	5.32
GL92 140-157	58	0.7	39	56	5	2	APA	ANLNL	ANLNL		57.8	35.9	58.00	4.83
GL92 157-175	53	0.8	40	55	5	2	APA	ANLNL	ANLNL		56.8	33.6	53.00	4.53

Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL77 0-10	20	3.2	71	23	3	5	AMA	AMA	AMA		33.4	20.2	41.00	1.32
GL77 10-40	6.3	2.5	63	26	5	8	APA	ANLNL	ANLNL		24.2	12.1	17.30	1.50
GL77 40-70	7	0.6	32	58	8	4	APA	ANLNL	ANLNL		38.2	24.4	18.00	2.78
GL116 0-15	7.7	0.9	37	44	10	11	APA	ANLNL	ANLNL		22.4	10.2	19.70	3.60
GL116 15-36	11	0.7	33	49	13	7	APA	ANLNL	ASTCM		23.5	11.7	19.60	6.63
GL116 36-57	14	0.6	30	49	16	6	APA	ASLCM	ASTCM		26.8	13.5	19.70	11.17
GL116 57-99	17	0.6	29	49	18	6	APA	ASLCM	ASTCM		28.5	13.8	17.00	17.06
GL116 99-113	18	0.6	27	49	21	5	APA	ANLCM	ASTCM		31.6	14.9	18.00	20.00
GL116 115-142	27	0.6	26	49	23	4	APA	ASTCM	ASTCM		41.8	21.6	27.00	22.22
GL122 0-12	7.8	0.8	37	46	11	8	APA	ANLNL	ANLST		23.9	13.1	17.80	4.66
GL122 12-24	5.5	1	39	39	15	9	APA	ANLNL	ANLNL		15.1	7.2	14.00	5.57
GL122 24-46	3.5	1.3	44	35	15	7	AMA	AMA	AMA		11.7	4.7	7.10	7.46
GL122 46-71	9.1	0.4	22	62	15	3	APA	ANLSL	ASLCM		30.6	17.7	17.10	7.60
GL122 71-100	11	0.3	19	62	19	2	APA	ASLSL	AMDCM		30.7	16.3	17.70	11.30
GL26 16-34	3.1	3.2	60	19	19	4	AMA	AMA	AMA		5	1.9	3.10	17.74
GL26 34-54	9.9	2.2	58	27	14	3	APA	ANLNL	ASTST		15.1	7	9.90	13.13
GL26 54-88	13	2.3	59	26	14	3	APA	ANLNL	ASTST		22	9.8	13.00	13.08
GL26 88-120	16	2.6	62	24	12	3	APA	ANLNL	ASTST		27.9	12.9	16.00	11.25
GL26 120-183	13	2.8	64	23	12	3	APA	ANLNL	ANLNL		27.1	12	13.00	11.54
GL28 0-18	2.6	6.7	77	12	4	8	AMA	AMA	AMA		4.6	4.3	2.60	3.85
GL28 18-35	1.3	3	46	15	31	10	AMA	AMA	AMA		2.9	1	3.30	11.52
GL28 35-53	1.6	3	56	19	20	7	AMA	AMA	AMA		3.9	1.2	4.20	7.38
GL28 53-60	4.1	0.5	24	57	15	6	APA	ANLNL	ANLNL		14.5	8.7	16.10	3.66
GL28 60-110	5.7	0.3	17	67	13	4	APA	ANLNL	ANLNL		16.8	10.6	16.70	4.19
GL17 10-42	3.3	3.6	61	17	18	5	AMA	AMA	AMA		9.6	3.2	7.30	8.08
GL17 42-48	3.7	0.6	27	44	24	6	AMA	AMA	AMA		8.7	4.5	8.00	10.88
GL17 48-70	11	0.6	34	56	10	2	APA	ANLNL	ANLNL		27.2	16.6	20.70	4.83
GL17 70-94	12	0.7	32	50	17	2	APA	ANLNL	ANLNL		27.8	15.3	18.20	10.99
GL98 0-7	15	5.8	80	14	2	5	APA	ANLNL	ANLNL		23.2	15.6	23.60	1.06
GL98 7-30	15	6	82	14	2	4	APA	ANLNL	ANLNL		24.2	13.9	23.20	0.95
GL98 30-50	15	5.8	81	14	2	4	APA	ANLNL	ANLNL		24.8	14	22.20	1.04
GL98 50-63	15	5	79	16	2	4	APA	ANLNL	ANLNL		27.5	16.8	21.60	1.30
GL98 63-99	16	5.9	81	14	2	4	APA	ANLNL	ANLNL		29.6	17.7	16.00	1.94
GL98 99-130	29	12	90	8	2	2	APA	ANLNL	ANLNL		30.4	17.5	29.00	1.21
GL69 0-20	5	2.9	63	22	10	6	AMA	AMA	AMA		12.5	5.6	9.40	5.11
GL69 20-60	19	1.4	52	39	7	3	APA	ANLNL	ANLNL		45	27.6	30.00	4.33
GL69 60-110	18	1.6	55	36	9	2	APA	ANLNL	ANLNL		37	21.1	18.00	8.33
GL69 110-200	22	2	60	32	9	2	APA	ANLNL	ANLNL		32.4	INSAM	22.00	8.18
GL70 0-10	12	0.8	39	49	9	5	APA	ANLNL	ANLNL		52.1	INSAM	20.90	4.59
GL70 10-25	13	0.8	40	51	8	3	APA	ANLNL	ANLNL		30.3	22.9	20.20	4.80
GL70 25-73	12	0.7	34	52	14	2	APA	ANLNL	ANLNL		18.3	17.8	17.70	9.04
GL70 73-158	14	0.7	32	49	20	1	APA	AMDST	ASTCM		93.8	17.7	20.40	13.24
GL63 0-15	11	4.3	76	18	3	5	APA	ANLNL	ANL		24.3	10.8	19.60	1.48
GL63 15-37	6.3	0.7	36	57	4	5	APA	ANLNL	ANLNL		21.6	16.7	16.20	1.42
GL63 37-84	7.6	0.4	24	68	7	3	APA	ANLNL	ANLNL		15.1	26.5	18.60	2.63
GL3 0-10	2.6	1.5	44	30	14	13	AMA	AMA	AMA		41.2	7.3	12.40	2.82
GL3 10-30	2.2	1.2	42	35	14	11	APA	ANLNL	ANLNL		45.5	5.5	9.30	3.23
GL3 30-120	7.8	0.3	18	72	6	5	APA	ANLNL	ANLNL		33.5	19.7	16.70	2.40
GL111 0-35	8.2	1	39	41	10	11	APA	ANLNL	ASLCM		34.9	15.8	24.20	3.31
GL111 35-63	18	0.6	27	49	18	8	APA	ASTCM	ASTCM	0.08	37.9	25.5		
GL111 63-101	31	0.6	25	46	25	6	APA	ANLNL	ASTCM	0.08	46.2	27.4		
GL111 101-122	24	0.6	24	45	27	5	APA	ANLST	ASTCM	0.064	40.9	23.6		
GL111 122-170														
GL111 170-200														

Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL 111 200-236														
GL109 0-20	31	0.6	28	51	16	6	APA	ANLMD	ASTCM		48.2	31.2	45.00	10.89
GL 109 20-30	40	0.4	22	55	21	4	APA	ASTCM	ASTCM		51.8	34.2		
GL 109 30-42	40	0.4	18	56	23	4	APA	ANLSL	ASTCM		50.3	32		
GL 109 42-50	43	0.3	18	57	24	3	APA	ANLSL	ASTCM		52.4	37		
GL 110 0-15	19	0.7	31	50	10	10	APA	ANLNL	ASTCM		43.1	24.2	36.00	5.28
GL 110 15-50	27	0.6	28	49	18	6	APA	ANLMD	ASTCM	0.064	51	31.3	42.00	11.43
GL 110 50-77	42	0.5	22	48	24	7	APA	ANLMD	ASTCM	0.096	53	34.2		
GL 110 77-93	37	0.4	19	49	27	7	APA	ANLNL	AMDCM		50.3	30.7		
GL 110 93-115	23	0.4	17	49	30	6	APA	ANLNL	ANLCM		32	17.6		
GL 96 0-10	10	0.5	23	49	23	6	APA	ANLNL	AMDCM		33.1	13.7	23.00	10.00
GL 96 10-57	26	0.2	7	39	50	5	APA	AMDCM	ASTCM		49.1	24.7		
GL 96 57-93	25	0.2	7	37	52	5	APA	AMDCM	ASTCM		53.3	24.2		
GL 96 93-150	26	0.3	9	38	50	4	APA	AMDCM	AMDCM		47.3	21.8		
GL 96 150-180														
GL 96 180-196														
GL 96 196-215														
GL 96 215+														
GL 97 0-10	17	1	42	45	5	9	APA	ANLNL	ANLST		35.3	17.6	28.00	2.86
GL 97 10-30	14	1	43	46	5	8	APA	ANLNL	ANLST	0.056	36.4	18.5	30.00	2.17
GL 97 30-53	17	0.6	33	56	6	7	APA	ANLNL	ASTCM	0.072	36.8	19.8	32.00	2.69
GL 97 53-66	19	0.5	30	59	6	6	APA	ANLNL	AMDCM		38.1	20.4	31.00	3.55
GL 97 66-86	21	0.6	31	59	6	6	APA	ANLNL	ASTCM		37.5	20.2	32.00	3.75
GL 97 86-113	21	0.5	29	61	6	5	APA	ANLNL	ASTCM		34	19.4		
GL 97 113-163	18	0.5	30	60	7	5	APA	ANLSL	ASTCM		32.8	21.2	22.90	5.24
GL 103 0-14 3	15	0.6	28	53	14	7	APA	ANLSL	ASTCM		27.8	17.4		
GL 103 14-33	16	0.5	23	53	21	5	APA	ANLCM	ASTCM		32.1	21.1		
GL 103 33-62	16	0.4	21	53	24	4	APA	AMDCM	ASTCM		34.3	20		
GL 103 62-91	16	0.5	22	52	24	4	APA	AMDCM	ASTCM		34	22.4		
GL 103 91-130	20	0.5	22	50	26	4	APA	AMDCM	ASTCM		39.5	19.5		
GL 103 130-153														
GL 103 153-173														
GL 103 173-194														
GL 103 194-222														
GL 100 0-25	12	1	40	43	11	7	AWS	ANLNL	ASLST		36.5	18.4	28.00	4.64
GL 100 25-40	16	0.5	23	51	20	6	APA	ANLNL	ASTCM		39	20.6	31.00	10.32
GL 100 40-60	29	0.4	21	56	20	5	APA	ANLNL	ASTCM		48.2	25.7		
GL 100 60-73	33	0.4	22	56	20	4	APA	AMDST	ASTCM		49.1	28.6		
GL 100 73-87	32	0.3	17	57	24	4	APA	AMDST	ASTCM		47.4	28.8		
GL 87 0-15	9.8	2.3	62	28	5	7	APA	ANLNL	ANLNL		36.6	13.9	26.80	1.72
GL 87 15-45	4.5	0.5	27	54	10	10	APA	ANLNL	ASTST		32.5	9.5	15.50	2.77
GL 87 45-73	12	0.2	11	66	18	6	APA	ANLNL	ASTCM		35.8	20.2	27.00	7.78
GL 87 73-114	16	0.2	11	64	21	4	APA	ASTCM	ASTCM		37.1	20.1	23.80	13.87
GL 87 114-147	34	0.2	13	63	24	2	APA	ASTCM	ASTCM		53.8	30.4		
GL 86 0-10	3.2	2.4	60	26	5	11	AMA	AMA	AMA		17	6	12.30	1.14
GL 86 10-30	2.1	2	54	28	7	12	APA	ANLNL	ANLNL		14.5	4.9	9.00	1.56
GL 86 30-50	2.2	2.2	60	28	6	7	APA	ANLNL	ANLSL		15.3	5.1	7.30	1.64
GL 86 50-65	1.7	1.8	55	32	8	6	AMA	AMA	AMA		11.7	3.8	5.60	2.14
GL 86 65-78	2.9	1	42	46	8	6	APA	ANLNL	ASTCM		14.1	6		
GL 86 78-92	5	0.7	37	55	6	3	APA	ANLNL	ANLNL		21.2	11.6	11.00	2.45
GL 12 0-4	5.6	1.2	40	34	14	14	AMA	AMA	AMA		23.3	8.6	15.60	4.87
GL 12 4-22	4.7	0.6	28	47	17	9	APA	ANLNL	ASTCM		20.4	7.7	11.40	6.84
GL 12 35-61	19	0.5	23	51	23	5	APA	ANLST	ASTCM		45.1	23.3	30.00	14.33
GL 12 61-73														



Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL 9 0-15	17	1.9	57	31	4	10	APA	ANLNL	ANLNL		38.5	19	36.00	1.67
GL 9 15-45	15	2.3	61	27	7	6	APA	ANLNL	ANLMD		31.8	14.2	31.00	3.19
GL 9 45-56	9.5	1.8	57	32	8	5	APA	ANLNL	ASTCM		25.8	9.8	17.00	4.24
GL 9 56-82	20	1.3	50	41	7	4	APA	ANLNL	ASTCM		36.1	20.3	29.80	4.36
GL 9 82-115	21	1.4	53	39	6	3	APA	ANLNL	ASLCM		31	14.6	29.00	3.79
GL 9 115-165	25	1.6	56	36	6	3	APA	ANLNL	ANLNL		33.5	16.8	32.20	4.66
GL 159 0-15 A1	9.1	5.7	81	15	2	3	APA	ANLNL	ANLNL		27.9	12.00	23.10	0.61
GL 159 15-25 A21	5.6	2.8	69	25	4	4	APA	ANLNL	AMDCM		21.7	8.40	11.80	1.69
GL 159 25-35 A22	6.6	2	63	32	4	3	APA	ANLNL	ASTCM		22.9	9.50	13.10	1.98
GL 159 35-50 B2	9.8	1.1	47	46	6	3	APA	ANLNL	ANLNL		32.2	16.70	17.20	3.43
GL 159 50-80 BC														
GL 160 0-5 A1	2.5	2.3	64	28	5	4	AMA	AMA	AMA		16	5.40	9.10	1.21
GL 160 5-15 A21	1.3	2	56	28	11	6	AMA	AMA	AMA		12.8	3.60	5.90	2.20
GL 160 15-50 A22	0.8	1.7	52	31	12	7	AMA	AMA	AMA		9.4	1.90	2.70	2.96
GL 160 50-60 A23	1.2	0.8	38	47	12	5	AMA	AMA	AMA		10.7	4.20	2.30	5.65
GL 160 60-100 B2	6.9	0.3	16	67	15	3	APA	ASLSL	ASTCM		28.8	17.50	6.90	14.49
GL 160 100-160 B3	7.6	0.2	12	68	19	3	APA	ASTCM	ASTCM				7.60	18.42
GL 161 0-10 A1	8.6	4.9	74	16	3	9	AWS	ANLNL	ANLNL		26.7	12.30	18.20	1.10
GL 161 10-30 A2	2.8	2.1	63	30	3	6	AWS	ANLNL	ASLMD		18.3	8.30	10.20	0.69
GL 161 30-50 B21	6.7	1.1	50	45	3	4	APA	ANLNL	ANLNL		31	21.20	15.40	1.10
GL 161 50-85 B22	7.7	0.9	45	50	4	3	APA	ANLNL	ANLNL		37.2	24.60	14.80	1.62
GL 161 85-100 B23	8	0.9	43	52	4	2	APA	ANLNL	ANLNL		43.5	26.30	8.00	3.88
GL 162 0-10 A11	8.1	1.1	47	46	6	3	AWS	ANLNL	ANLNL		29.2	16.20	21.10	2.04
GL 162 10-40 A12	9.8	1	45	49	6	2	AWS	ANLNL	ANLSL		27.8	16.60	21.80	2.66
GL 162 40-65 A13	7.6	0.8	39	53	7	3	AWS	ANLNL	AMDCM		22.9	15.10	15.60	3.21
GL 162 65-111 B2	19	0.3	18	73	10	1	APA	ANLNL	ANLNL		54.9	32.70	28.30	6.36
GL 163 0-15 A11	2.2	2.8	57	21	4	20	AWS	ANLNL	AMDMD		17.7	7.20	11.60	0.69
GL 163 15-30 A12	2.8	2.6	65	26	3	8	APA	ANLNL	ANLSL		17.7	7.80	9.10	0.77
GL 163 30-60 B2	5.5	1.5	56	39	2	5	APA	ANLNL	ANLNL		25.2	14.30	12.20	0.82
GL 163 75-90 D1	7.4	0.7	40	57	2	2	APA	ANLNL	ANLNL		35.4	21.30	13.50	1.11
GL 155 0-10 A1	26	1.5	55	38	2	8	AWS	ANLNL	ASLMD		36.8	24.40	43.00	0.81
GL 155 10-30 B21	36	1.2	50	45	3	3	AWS	ANLNL	ASTCM		52.5	33.40	50.00	2.00
GL 155 30-55 B22	49	0.9	43	52	4	3	APA	ANLNL	ASTCM		65.6	36.60	49.00	3.27
GL 155 55-70 B3	50		49	47	4	2	APA	ANLNL	ANLNL		56.2	33.10	50.00	4.00
GL 156 0-10 A1	21	1.1	46	45	4	7	AWS	ANLNL	ASLST		42.7	22.10	21.00	3.10
GL 156 10-50 B21	32	0.9	41	50	7	4	APA	ANLNL	ASTCM		51	27.50	32.00	6.88
GL 156 50-70 B22	37	0.7	35	54	9	3	APA	AMDST	ASTCM		52	28.00	37.00	8.92
GL 156 70-90 B3	41		37	52	11	2	APA	ANLNL	AMDST		47.8	28.60	41.00	10.73
GL 157 0-20 A1	11	0.7	34	50	14	4	APA	ANLNL	AMDST		38.8	18.50	28.00	5.36
GL 157 20-35 B21	21	0.6	30	54	14	4	APA	ASTCM	ASTCM		43	23.80	36.00	7.78
GL 157 35-55 B22	25	0.6	29	53	15	4	APA	ASTCM	ASTCM		46.7	24.10	36.00	10.28
GL 157 55-75 B23	29	0.5	25	52	20	4	APA	ASTCM	ASTCM		47	24.80	29.00	19.66
GL 157 75-90 B24	35		24	52	23	3	APA	ASTCM	ASTCM		47.5	23.80	35.00	22.86
GL 157 90-145 B25	28		23	50	26	3	APA	ASTCM	ASTCM				28.00	25.36
GL 158 0-10 A1	14	0.8	39	51	7	4	APA	ANLNL	ASTCM		42.7	22.40	29.00	3.03
GL 158 10-35 B21	21	0.5	28	58	9	6	APA	ANLNL	ASTCM		47.2	25.50	32.00	5.94
GL 158 35-80 B22	25	0.5	25	56	16	5	APA	AMDCM	ASTCM		9	30.60	35.00	10.86
GL 158 80-100 B23	21	0.4	22	54	22	3	APA	ANLNL	ASTCM		54.7	31.40	21.00	20.95
GL 158 120-135 B3							APA		ASTCM					
GL 170 FACE 1 0-15 A1	7.4	1.4	51	38	7	5	AWS	ANLNL	ASTCM		28	14.70	17.40	2.99
GL 170 FACE 1 15-30 A2	4.6	1.3	49	38	11	5	APA	ANLNL	ACMCM		22.5	6.80	10.30	4.66
GL 170 FACE 1 30-90 B2	20	0.8	35	43	21	2	APA	ASTCM	ASTCM		33.6	17.60	20.00	20.50
GL 170 DARK FACE 30-50 B21	28	1	43	43	12	3	APA	ASTCM	ACMCM		44.3	22.40	28.00	12.14
GL 170 DARK FACE 50-90+ B22	28	0.9	37	44	19	2	APA	AMDMD	AMDST		43.5	21.60	28.00	18.57

Desc of sample	4 Cat.+ meq/100g	Ca:Mg	% Ca	% Mg	% Na	% K	Slak'g	Disp.Dry	Disp.Rem	LS	pF 2.5 % (w/w)	pF 4.2 % (w/w)	4Cats+H	ESP
GL 164 0-25	11	3.7	73	20	4	4	AMA	AMA	AMA		20.2	8.80	18.80	2.02
GL 164 25-40	2.8	0.4	20	62	15	5	AWS	ANLNL	ANLNL		20	9.40	13.80	2.90
GL 164 40-60	6.3	0.4	23	65	11	3	APA	ANLNL	ANLNL		26.9	15.00	16.10	4.22
GL 165 0-10	6.2	2	59	29	3	10	AWS	ANLNL	ANLNL		27.9	11.50	21.20	0.90
GL 165 10-30	8.4	1.2	49	41	3	8	APA	ANLNL	ANLNL		24.8	15.30	20.40	1.27
GL 165 30-50	7.7	0.4	23	68	6	5	APA	ANLNL	ANLNL		37.3	23.50	18.70	2.30
GL 166 0-20	6.8	2.5	61	26	4	12	AWS	ANLNL	ANLNL		33.2	9.30	15.70	1.34
GL 166 20-50	7.8	0.4	24	65	6	8	APA	ANLNL	ASLST		30.7	18.60	14.90	2.75
GL 166 50-80	6.7	0.3	15	70	11	6	APA	ANLNL	ASTCM		34.6	17.40	6.70	10.45
GL 167 0-15	5.2	3.2	57	18	3	24	AMA	AMA	AMA		12.6	5.00	10.20	1.27
GL 167 15-25	5.5	1.3	40	31	4	26	APA	ANLNL	ASTCM		14	7.50	11.40	1.67
GL 167 25-40	14	0.7	34	49	5	14	APA	ANLNL	AMDCM		25	15.60	20.40	3.04
GL 168 0-10	3.1	4.3	59	14	9	19	AMA	AMA	AMA		12.3	4.30	10.10	2.48
GL 168 10-30	1.4	2.5	58	24	6	14	AMA	AMA	AMA		11.4	3.70	5.30	1.51
GL 168 30-40	2	1.8	49	28	15	10	APA	ANLNL	ASTCM		11.5	3.30	4.80	5.83
GL 168 40-55	17	0.8	31	42	23	6	APA	ANLNL	ASTCM		39.1	22.60	17.00	22.35
GL 168 55-80	21	0.7	30	48	20	5	APA	ASTCM	ASTCM		40.7	19.40	21.00	19.05
GL 169 0-15	7.9	1.2	46	40	8	7	APA	ANLNL	ASTCM		30.8	12.30	21.90	2.69
GL 169 15-40	28	0.6	30	51	14	7	APA	ASTCM	ASTCM		49.6	27.00	37.40	9.89
GL 169 40-60	27	0.5	31	63	1	7	APA	ASTCM	ASTCM		50.8	28.40	27.00	0.19
GL 169 60-90	33	0.5	20	49	26	6	APA	ASTCM	ASTCM		49.4	27.00	33.00	25.76
GL 169 90+	41	0.4	18	47	32	4	APA	ASTCM	ASTCM		INSAM	insamp	41.00	31.71
GL 171 0-15	1.6	1.6	48	31	13	10	APA	ANLNL	AMDMD		18.5	5.20	8.90	2.25
GL 171 15-25	7.5	0.5	30	62	5	5	APA	ANLNL	ANLNL		41.2	16.90	19.50	1.79
GL 171 25-45	11	0.2	14	76	6	6	APA	ANLNL	ANLNL		36.2	23.40	23.00	2.48
GL 171 40-60	13	0.1	4	83	8	7	APA	ANLNL	ANLNL		43.5	25.40	24.00	4.00
GL 172 10-25	3.3	2.1	53	26	12	10	APA	ANLNL	ASTST		19.3	5.00	8.80	4.43
GL 172 25-45	31	0.8	33	46	21	2	APA	ASTCM	ASTCM		44.3	26.10	31.00	20.32
GL 172 45-55	34	0.8	42	57	1	2	APA	ASTCM	ASTCM		57.1	31.30	34.00	0.15
GL 172 FACE 2 15-25	25	0.9	39	45	15	3	APA	ASTCM	ASTCM		40.8	22.00	33.60	10.42
GL 173 0-15	16	0.9	41	49	6	6	APA	ANLNL	ASTCM		34	21.50	31.00	2.77
GL 173 15-40	19	0.7	34	53	10	4	APA	ANLSL	ASTCM		44.7	27.80	33.00	5.76
GL 173 40-80	18	0.6	32	54	15	1	APA	ASTCM	ASTCM		42.8	27.00	31.00	8.39
GL 173 80-140	20	0.5	24	55	22	1	APA	ANLNL	ASLCM		50.8	30.50	31.00	13.87
GL 174 0-20	2.5	3.4	62	19	3	17	AMA	AMA	AMA		12.5	4.30	10.20	0.69
GL 174 20-40	1.8	1.8	57	34	6	5	AMA	AMA	AMA		9.6	2.60	4.10	2.20
GL 174 40-70	17	0.8	40	51	9	3	APA	ANLNL	ASTCM		36.8	21.10	17.00	8.24
GL 175 0-30	5.5	3	61	21	2	17	AMA	AMA	AMA		22.9	7.30	12.60	0.87
GL 175 30-45	2.5	1.3	48	37	6	11	APA	AMDMD	AMDST		19.5	4.50	5.40	2.41
GL 175 45-60	17	0.6	32	58	5	6	APA	ANLNL	ANLNL		46.3	27.90	17.00	4.94