Appendix E:
Soils Log

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	1	7-H	TU	N560 E570	I	1	11	39	10YR 3/3 dark brown	Sandy loam	Ap			460
I	1	7-H	TU	N560 E570	II	1	39	50	10YR 5/4-5/6 yellowish brown	Sandy clay	E			461
I	1	7-H	TU	N560 E570	II	2	50	60	10YR 5/6 yellowish brown	Sandy loam	E			462
I	1	7-H	TU	N560 E570	III	1	60	70	10YR 5/4-5/6 yellowish brown	Sandy clay	B			NCM
I	1	7-B	TU	N568 E510	I	1	14	43	10YR 3/3 dark brown	Sandy loam	Ap			383
I	1	7-B	TU	N568 E510	II	1	43	53	10YR 5/6 yellowish brown	Sandy loam	E			416
I	1	7-B	TU	N568 E510	III	1	53	63	10YR 5/4 yellowish brown	Sandy loam	B			437
I	1	7-B	TU	N568 E510	III	2	63	73	10YR 5/4 yellowish brown	Sandy loam	B			NCM
I	1	7-B	TU	N569 E518	I	1	13	41	10YR 3/3 dark brown	Sandy loam	Ap			384
I	1	7-B	TU	N569 E518	II	1	41	52	10YR 4/6 dark yellowish brown	Sandy loam	E			457
I	1	7-B	TU	N569 E518	III	1	52	63	7.5YR 4/6 strong brown	Sandy clay	B			458
I	1	7-B	TU	N569 E518	III	2	63	73	7.5YR 4/6 strong brown	Sandy clay	B			459
I	1	7-B	TU	N569 E518	III	3	73	83	7.5YR 4/6 strong brown	Sandy clay	B			NCM
I	1	8-C	TU	N570 E525	I	1	9	40	10YR 3/3 dark brown	Sandy loam	Ap			385
I	1	8-C	TU	N570 E525		1	40	48	10YR 4/6 dark yellowish brown	Sandy loam		5%	3	463
I	1	8-C	TU	N570 E525		2	48	58	10YR 4/6 dark yellowish brown	Sandy loam		10%	3	464
I	1	8-C	TU	N570 E525		3	58	69	10YR 4/6 dark yellowish brown	Sandy loam		10%	3	missing bag
I	1	8-C	TU	N570 E525		4	69	80	10YR 4/6 dark yellowish brown	Sandy loam		10%	3	465
I	1	8-C	TU	N570 E525		5	80	92	10YR 4/6 dark yellowish brown	Sandy loam		10%	3	466
I	1	8-C	TU	N570 E525	II	1	92		7.5YR 4/6 strong brown	Sandy clay	B	20%		NCM
I	1	8-D	TU	N570 E533	I	1	20	50	10YR 3/3 dark brown	Sandy loam	Ap	10%		386
I	1	8-D	TU	N570 E533	II	1	50	61	10YR 5/4 yellowish brown	Sandy loam	E	10%		404
I	1	8-D	TU	N570 E533	II	2	61	67	10YR 5/4 yellowish brown	Sandy loam	E	10%		405
I	1	8-D	TU	N570 E533	III	1	47	62	7.5YR 4/6 strong brown	Sandy clay	B	10%		NCM
I	1	8-D	TU	N570 E534	I	1	16	47	10YR 3/3 dark brown	Sandy loam	Ap			406
I	1	8-D	TU	N570 E534	II	1	47	56	10YR 5/4 yellowish brown	Sandy loam	E	10%		407
I	1	8-D	TU	N570 E534	II	2	56	67	10YR 5/4 yellowish brown	Sandy loam	E	10%		NCM
I	1	8-D	TU	N573 E530	I	1	10	34	10YR 3/3 dark brown	Sandy loam	Ap			403
I	1	8-D	TU	N573 E530	II	1	34	44	10YR 5/6 yellowish brown	Sandy loam	E			467
I	1	8-D	TU	N573 E530	II	2	44	55	10YR 5/6 yellowish brown	Sandy loam	E			468
I	1	8-D	TU	N573 E530	III	1	55	65	10YR 5/6 and 10YR 5/4 yellowish brown	Sandy clay	B			NCM
I	1	8-D	TU	N576 E534	I	1	18	51	10YR 3/3 dark brown	Sandy loam	Ap	10%		387
I	1	8-D	TU	N576 E534	II	1	51	64	10YR 5/4 yellowish brown	Sandy loam	E	10%		408
I	1	8-D	TU	N576 E534	II	2	64	71	10YR 5/4 yellowish brown	Sandy loam	E	10%		409
I	1	8-D	TU	N576 E534	III	1	71	81	7.5YR 4/6 strong brown	Sandy clay	B	10%		410
I	1	8-D	TU	N576 E534	III	2	81	97	7.5YR 4/6 strong brown	Sandy clay	B	10%		NCM
I	1	8-D	TU	N576 E534	III	3	97	110	7.5YR 4/6 strong brown	Sandy clay	B	10%		NCM
I	1	9-E	TU	N580 E543	I	1	18	53	10YR 3/3 dark brown	Sandy loam	Ap	10%		388
I	1	9-E	TU	N580 E543	II	1	53	63	10YR 5/4 yellowish brown	Sandy loam	E	10%		419
I	1	9-E	TU	N580 E543	II	2	63	72	10YR 5/4 yellowish brown	Sandy loam	E	10%		420
I	1	9-E	TU	N580 E543	II	3	72	81	10YR 5/4 yellowish brown	Sandy loam	E	10%		421
I	1	9-H	TU	N580 E570	I	1	20	48	10YR 3/3 dark brown	Sandy loam	Ap			485
I	1	9-H	TU	N580 E570	II	1	48	59	10YR 5/4 yellowish brown	Sandy loam	E	10%		486
I	1	9-H	TU	N580 E570	II	2	59	72	10YR 5/4 yellowish brown	Sandy loam	E	10%		487
I	1	9-E	TU	N582 E546	I	1	22	50	10YR 3/3 dark brown	Sandy loam	Ap			389
I	1	9-E	TU	N582 E546	II	1	50	60	10YR 5/6 yellowish brown	Sandy loam	E			422
I	1	9-E	TU	N582 E546	II	2	60	71	10YR 5/6 yellowish brown	Sandy loam	E			423
I	1	9-E	TU	N582 E546	III	1	71	81	10YR 5/4 yellowish brown	Sandy clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	1	9-E	TU	N583 E549	I	1	18	52	10YR 3/3 dark brown	Sandy loam	Ap	10%		390
I	1	9-E	TU	N583 E549	II	1	52	62	10YR 5/6 yellowish brown	Sandy loam	E	10%		424
I	1	9-E	TU	N583 E549	II	2	62	74	10YR 5/6 yellowish brown	Sandy loam	E	10%		438
I	1	9-E	TU	N583 E549	III	1	74	83	7.5YR 4/6 strong brown	Sandy clay	B			NCM
I	1	10-F	TU	N590 E554	I	1	11	43	10YR 3/3 dark brown	Sandy loam	Ap			391
I	1	10-F	TU	N590 E554	II	1	43	51	10YR 5/6 yellowish brown	Sandy loam	E			425
I	1	10-F	TU	N590 E554	II	2	51	61	10YR 5/6 yellowish brown	Sandy loam	E			426
I	1	10-F	TU	N590 E554	II	3	61	71	10YR 5/6 yellowish brown	Sandy loam	E	10%		427
I	1	10-F	TU	N590 E554	III	1	71	81	7.5YR 4/6 strong brown	Sandy clay	B			428
I	1	10-F	TU	N590 E554	III	2	81	91	7.5YR 4/6 strong brown	Sandy clay	B			NCM
I	1	11-G	TU	N600 E560	I	1	12	38	10YR 3/3 dark brown	Sandy loam	Ap			393
I	1	11-G	TU	N600 E560	II	1	38	50	10YR 5/6 yellowish brown	Sandy loam	E			429
I	1	11-G	TU	N600 E560	II	2	50	60	10YR 5/6 yellowish brown	Sandy loam	E			430
I	1	11-G	TU	N600 E560	III	1	60	70	10YR 4/6 dark yellowish brown	Sandy clay	B			NCM
I	1	11-G	TU	N609 E565	I	1	15	44	10YR 3/3 dark brown	Sandy loam	Ap	10%		394
I	1	11-G	TU	N609 E565	II	1	44	56	10YR 5/6 yellowish brown	Sandy loam	E			431
I	1	11-G	TU	N609 E565	II	2	56	66	10YR 5/6 yellowish brown	Sandy loam	E			432
I	1	11-G	TU	N609 E565	III	1	66	76	10YR 4/6 dark yellowish brown	Sandy clay	B			NCM
I	1	J-11	TU	N609 E590	I	1	21	45	10YR 3/3 dark brown	Sandy loam	Ap			488
I	1	J-11	TU	N609 E590	II	1	45	55	10YR 5/6 yellowish brown	Sandy loam	E			489
I	1	12-G	TU	N619 E568	I	1	20	50	10YR 3/3 dark brown	Sandy loam	Ap	10%		395
I	1	12-G	TU	N619 E568	II	1	50	60	10YR 5/6 yellowish brown	Sandy loam	E			411
I	1	12-G	TU	N619 E568	II	2	60	70	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	1	13-H	TU	N625 E570	I	1	11	39	10YR 3/3 dark brown	Sandy loam	Ap			412
I	1	13-H	TU	N625 E570	II	1	39	49	10YR 5/6 yellowish brown	Sandy loam	E			413
I	1	13-H	TU	N625 E570	II	2	49	59	10YR 5/6 yellowish brown	Sandy loam	E			414
I	1	13-H	TU	N625 E570	III	1	59	69	7.5YR 4/6 strong brown	Loamy clay	B			415
I	1	13-H	TU	N625 E570	III	2	69	82	7.5YR 4/6 strong brown	Loamy clay	B			NCM
I	1	13-K	TU	N629 E600	I	1	16	45	10YR 3/3 dark brown	Sandy loam	Ap			469
I	1	13-K	TU	N629 E600	II	1	45	55	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		470
I	1	13-K	TU	N629 E600	II	2	55	64	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		471
I	1	13-K	TU	N629 E600	III	1	64	78	7.5YR 4/6 strong brown	Sandy clay	B			NCM
I	1	14-F	TU	N630 E550	I	1	18	45	10YR 3/3 dark brown	Sandy loam	Ap			490
I	1	15-I	TU	N643 E580	I	1	12	44	10YR 3/3 dark brown	Sandy loam	Ap			433
I	1	15-I	TU	N643 E580	II	1	44	53	10YR 5/6 yellowish brown	Sandy loam	E			434
I	1	15-I	TU	N643 E580	II	2	53	63	10YR 5/6 yellowish brown	Sandy loam	E			435
I	1	15-I	TU	N643 E580	III	1	63	73	10YR 5/4 yellowish brown	Sandy clay	B			436
I	1	15-I	TU	N643 E580	III	2	73	83	10YR 5/4 yellowish brown	Sandy clay	B			NCM
I	1	17-G	TU	N660 E569	I	1	10	48	10YR 3/3 dark brown	Sandy loam	Ap			491/4900
I	1	16-I	TU	N660 E584	I	1	8	37	10YR 3/3 dark brown	Silt loam	Ap			439
I	1	16-I	TU	N660 E584	II	1	37	45	10YR 4/6 dark yellowish brown	Sandy loam	E			440
I	1	16-I	TU	N660 E584	II	2	45	55	10YR 4/6 dark yellowish brown	Sandy loam	E			441
I	1	16-I	TU	N660 E584	II	3	55	64	10YR 4/6 dark yellowish brown	Sandy loam	E			442
I	1	16-I	TU	N660 E584	II	4	64	74	10YR 4/6 dark yellowish brown	Sandy loam	E			443
I	1	16-I	TU	N660 E584	II	5	74	84	10YR 4/6 dark yellowish brown	Sandy loam	E			444
I	1	16-I	TU	N660 E584	III	1	84	92	7.5YR 4/6 strong brown	Sandy clay	B			NCM
I	1	17-K	TU	N668 E600	I	1	17	47	10YR 3/3 dark brown	Sandy loam	Ap			474
I	1	17-K	TU	N668 E600	II	1	47	57	10YR 5/6 yellowish brown	Sandy loam	E			476
I	1	17-K	TU	N668 E600	II	2	57	67	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	1	17-K	TU	N668 E600	III	1	67	80	7.5YR 4/6 strong brown	Sandy clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	1	19-I	TU	N680 E587	I	1	14	44	10YR 3/3 dark brown	Sandy loam	Ap			472
I	1	19-I	TU	N680 E587	II	1	44	55	10YR 5/6 yellowish brown	Sandy loam	E			473
I	1	19-I	TU	N680 E587	II	2	55	65	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	1	19-I	TU	N680 E587	II	3	65	75	10YR 5/6 yellowish brown	Sandy loam	E			475
I	1	19-I	TU	N680 E587	III	1	75	85	10YR 5/4 yellowish brown	Sandy clay	B			NCM
II	1	I-1	TU	N500 E589	I	1	20	55	10YR 4/4 dark yellowish brown	Sandy loam	Ap	10%		700
II	1	I-1	TU	N500 E589	II	1	55	63	7.5YR 4/3 brown	Sandy loam	Ap2	<5%		701
II	1	I-1	TU	N500 E589	II	2	63	73	7.5YR 4/3 brown	Sandy loam	Ap2	<5%		708
II	1	I-1	TU	N500 E589					water table at 58 cmbd					
II	1	A-2	TU	N512 E509	I	1	12	47	10YR 4/3 brown	Sandy loam	Ap	10%		676
II	1	A-2	TU	N512 E509	II	1	47	57	10YR 6/4 light yellowish brown	Sandy loam	E	30%		NCM
II	1	A-2	TU	N512 E509	II	2	57	64	10YR 6/4 light yellowish brown	Sandy loam	E	30%		NCM
II	1	I-4	TU	N530 E589	I	1	19	45	10YR 4/4 dark yellowish brown	Sandy loam	Ap	30%		702
II	1	I-4	TU	N530 E589	II	1	45	55	10YR 5/6 yellowish brown	Loamy sand	E	<5%		NCM
II	1	I-4	TU	N530 E589	II	2	55	65	10YR 5/6 yellowish brown	Loamy sand	E	<5%		NCM
II	1	I-4	TU	N530 E589	II	3	65	77	10YR 5/6 yellowish brown	Loamy sand	E	<5%		703
II	1	I-4	TU	N530 E589	III	1	77	87	10YR 5/6 yellowish brown	Sand	B	10%		NCM
II	1	I-4	TU	N530 E589			77		10YR 4/4 dark yellowish brown	Sandy loam			9A	704
II	1	I-4	TU	N530 E589			77	87	10YR 4/4 dark yellowish brown	Sandy loam			9A	757
II	1	I-4	TU	N530 E589					soil sample flotation				9A	950
II	1	C-4	TU	N536 E526	I	1	20	49	10YR 4/2 dark grayish brown	Silty loam	Ap	10%		677
II	1	C-4	TU	N536 E526	II	1	49	59	10YR 5/4 yellowish brown	Silty sand	E	10%		NCM
II	1	C-4	TU	N536 E526	II	2	59	73	10YR 5/4 yellowish brown	Silty sand	E	10%		NCM
II	1	C-4	TU	N536 E526	III	1	73	93	10YR 5/6 yellowish brown	Sand	B	80%		NCM
II	1	C-4	TU	N536 E526					water table at 89 cmbd					
II	1	E-6	TU	N558 E545	I	1	8	41	10YR 4/4 dark yellowish brown	Loamy sand	Ap			678
II	1	E-6	TU	N558 E545	II	1	42	54	10YR 5/6 yellowish brown	Loamy sand	E			728
II	1	E-6	TU	N558 E545	II	2	54	64	10YR 5/6 yellowish brown	Loamy sand	E			NCM
II	1	E-6	TU	N558 E545	II	3	64	72	10YR 5/6 yellowish brown	Loamy sand	E			NCM
II	1	E-6	TU	N558 E545	III	1	72	83	7.5YR 5/6 strong brown	Sandy loam	B			NCM
II	1	E-6	TU	N558 E545			42	95	10YR 4/4 dark yellowish brown	Loamy sand			4	727
II	1	E-6	TU	N558 E545			42	95	10YR 4/4 dark yellowish brown	Loamy sand			4	729
II	1	E-6	TU	N559 E545	I	1	5	37	10YR 4/4 dark yellowish brown	Loamy sand	Ap			730
II	1	E-6	TU	N559 E545	II	1	37	52	10YR 5/6 yellowish brown	Loamy sand	E			731
II	1	E-6	TU	N559 E545	II	2	52	62	10YR 5/6 yellowish brown	Loamy sand	E			732
II	1	E-6	TU	N559 E545	II	3	62	75	10YR 5/6 yellowish brown	Loamy sand	E			NCM
II	1	E-6	TU	N559 E545	III	1	75	83	7.5YR 5/6 strong brown	Sandy loam	B			NCM
II	1	I-7	TU	N560 E589	I	1	20	43	10YR 4/4 dark yellowish brown	Sandy loam	Ap			686
II	1	I-7	TU	N560 E589	II	1	43	54	10YR 5/6 yellowish brown	Sandy loam	E			705
II	1	I-7	TU	N560 E589	II	2	54	64	10YR 5/6 yellowish brown	Sandy loam	E			NCM
II	1	I-7	TU	N560 E589	III	1	64	71	7.5YR 5/6 strong brown	Sandy loam	B	10%		699
II	1	I-7	TU	N560 E589			50	130	10YR 5/6 yellowish brown	Loamy sand			8	NCM
II	1	J-7	TU	N560 E590	I	1	12	39	10YR 4/3 brown	Sandy loam	Ap			733
II	1	J-7	TU	N560 E590	II	1	39	49	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		734
II	1	J-7	TU	N560 E590	II	2	49	60	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		NCM
II	1	J-7	TU	N560 E590	III	1	60	70	7.5YR 5/6 strong brown	Sandy loam	B			NCM
II	1	J-7	TU	N560 E590			60	70	10YR 5/6 yellowish brown	Loamy sand			8	874
II	1	J-7	TU	N560 E590			70	80	10YR 5/6 yellowish brown	Loamy sand			8	875
II	1	J-7	TU	N560 E590			80	130	10YR 5/6 yellowish brown	Loamy sand			8	NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	I-7	TU	N561 E589	I	1	15	40	10YR 4/3 brown	Sandy loam	Ap	10%		735
II	1	I-7	TU	N561 E589	II	1	40	50	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		736
II	1	I-7	TU	N561 E589	III	1	50	60	7.5YR 5/6 strong brown	Sandy loam	B	30%		NCM
II	1	I-7	TU	N561 E589	III	2	60	70	7.5YR 5/6 strong brown	Sandy loam	B	30%		NCM
II	1	I-7	TU	N561 E589			50	130	10YR 5/6 yellowish brown	Loamy sand			8	NCM
II	1	J-7	TU	N561 E590	I	1	10	42	10YR 4/3 brown	Sandy loam	Ap	10%		737
II	1	J-7	TU	N561 E590	II	1	42	52	10YR 5/6 yellowish brown	Sandy loam	E	5-10%		738
II	1	J-7	TU	N561 E590	III	1	52	60	7.5YR 5/6 strong brown	Sandy loam	B	30%		NCM
II	1	J-7	TU	N561 E590	III	3	60	70	7.5YR 5/6 strong brown	Sandy loam	B	30%		NCM
II	1	J-7	TU	N561 E590			50	130	10YR 5/6 yellowish brown	Loamy sand			8	NCM
II	1	C-7	TU	N568 E526	I	1	23	52	10YR 4/3 brown	Sandy loam	Ap	20%		905
II														
II	1	C-7	TU	N569 E524	I	1	16	49	10YR 4/3 brown	Sandy loam	Ap	20%		876
II														
II	1	C-7	TU	N569 E525	I	1	19	51	10YR 4/3 brown	Sandy loam	Ap	20%		877
II	1	C-8	TU	N570 E524	I	1	18	51	10YR 3/3 dark brown	Sandy loam	Ap	5%		739
II	1	C-8	TU	N570 E524		1	51	60	10YR 5/4 yellowish brown	Sandy loam		5%	3	740
II	1	C-8	TU	N570 E524		2	60	70	10YR 5/4 yellowish brown	Sandy loam		5%	3	741
II	1	C-8	TU	N570 E524		3	70	80	10YR 4/6 yellowish brown	Sandy loam		10%	3	744
II	1	C-8	TU	N570 E524		4	80	90	10YR 4/6 yellowish brown	Sandy loam		10%	3	745
II	1	C-8	TU	N570 E524			80	90	soil sample/ flotation				3	948
I	1	C-8	TU	N570 E524	II	1	90		7.5YR 4/6 strong brown	Sandy clay	B	20%		NCM
II	1	C-8	TU	N571 E524	I	1	10	43	10YR 4/3 brown sandy loam	Sandy loam	Ap	20%		906
II	1	D-8	TU	N575 E539	I	1	20	51	10YR 3/3 dark brown	Loamy sand	Ap			878
II	1	D-8	TU	N575 E539	II	1	51	60	10YR 5/6 yellowish brown	Loamy sand	E	<5%		879
II	1	D-8	TU	N575 E539	II	2	60	72	10YR 5/6 yellowish brown	Loamy sand	E	<5%		880
II	1	D-8	TU	N575 E539	III	1 SW1/4	72	82	7.5YR 5/6 strong brown	Sandy loam	B	2%		NCM
II	1	D-8	TU	N575 E539	III	1 NE1/4	72	82	10YR 5/6 yellowish brown	Sand	C	30%		NCM
II	1	D-8	TU	N575 E539	III	2 SW1/4	82	92	7.5YR 5/6 strong brown	Sandy loam	B	2%		NCM
II	1	D-8	TU	N575 E539	III	2 NE1/4	82	92	10YR 5/6 yellowish brown	Sand	C	30%		NCM
II	1	D-8	TU	N575 E539	I	1	49	59	10YR 4/4 dark yellowish	Loamy sand			1	907
II	1	D-8	TU	N575 E539	I	2	59	69	10YR 4/4 dark yellowish	Loamy sand			1	NCM
II	1	D-8	TU	N575 E539	II	1	49	59	10YR 5/4 yellowish brown	Loamy sand			1	908
II	1	D-8	TU	N575 E539	II	2	59	79	10YR 5/4 yellowish brown	Loamy sand			1	NCM
II	1	D-8	TU	N575 E539	II	3	69	79	10YR 5/4 yellowish brown	Loamy sand			1	NCM
II	1	E-8	TU	N575 E540	I	1	20	51	10YR 3/3 dark brown	Loamy sand	Ap			856
II	1	E-8	TU	N575 E540	II	1	51	60	10YR 5/6 yellowish brown	Loamy sand	E	<5%		NCM
II	1	E-8	TU	N575 E540	III	1	60	70	10YR 5/6 yellowish brown	Sand	C	30%		NCM
II	1	E-8	TU	N575 E540	III	2	70	80	10YR 5/6 yellowish brown	Sand	C	30%		NCM
II	1	E-8	TU	N575 E540	III	3	80	90	10YR 5/6 yellowish brown	Sand	C	40%		NCM
II	1	E-8	TU	N575 E540	I	1	49	59	10YR 4/4 dark yellowish	Loamy sand			1	909
II	1	E-8	TU	N575 E540	I	2	59	69	10YR 4/4 dark yellowish	Loamy sand			1	NCM
II	1	E-8	TU	N575 E540	II	1	49	59	10YR 5/4 yellowish brown	Loamy sand			1	910
II	1	E-8	TU	N575 E540	II	2	59	69	10YR 5/4 yellowish brown	Loamy sand			1	911
II	1	E-8	TU	N575 E540	II	3	69	79	10YR 5/4 yellowish brown	Loamy sand			1	912
II	1	E-8	TU	N575 E540					soil sample flotation				1	949
II	1	D-8	TU	N576 E539	I	1	10	42	10YR 3/3 dark brown	Sandy loam	Ap			382
II	1	D-8	TU	N576 E539	II	1	42	51	10YR 5/4 yellowish brown	Sandy loam	E	2%		417
II	1	D-8	TU	N576 E539	II	2	51	59	10YR 5/4 yellowish brown	Sandy loam	E	2%		418
II	1	D-8	TU	N576 E539	II	3 - retook depths	70	82	10YR 5/4 yellowish brown	Sandy loam	E	2%		913
II	1	D-8	TU	N576 E539	III	1 NW1/4	82	92	7.5YR 5/6 strong brown	Sandy loam	B	5%		NCM
II	1	D-8	TU	N576 E539	III	1 SE1/4	82	92	10YR 5/6 yellowish brown	Sand	C	30%		NCM
II	1	D-8	TU	N576 E539	I	1	58	68	10YR 5/4 yellowish brown	Loamy sand			1	NCM
II	1	D-8	TU	N576 E539	I	2	68	78	10YR 5/4 yellowish brown	Loamy sand			1	NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	D-8	TU	N576 E540	I	1	21	48	10YR 3/3 dark brown	Sandy loam	Ap			742
II	1	D-8	TU	N576 E540	II	1	48	60	10YR 5/6 yellowish brown	Loamy sand	E	2%		743
II	1	D-8	TU	N576 E540	II	2	60	70	10YR 5/6 yellowish brown	Loamy sand	E	2%		NCM
II	1	D-8	TU	N576 E540	II	3	70	80	10YR 5/6 yellowish brown	Loamy sand	E	2%		NCM
II	1	D-8	TU	N576 E540	III	1	80	92	mottled 10YR 5/6 yellowish brown and 7.5YR 5/6 strong brown	Loamy sand	E/B	5%		NCM
II	1	D-8	TU	N576 E540	I	1	58	68	10YR 5/4 yellowish brown	Loamy sand			1	NCM
II	1	D-8	TU	N576 E540	I	2	68	78	10YR 5/4 yellowish brown	Loamy sand			1	NCM
II	1	G-9	TU	N580 E562	I	1	9	42	10YR 4/4 dark yellowish brown I	loamy sand	Ap			679
II	1	G-9	TU	N580 E562	II	1	42	48	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	1	G-9	TU	N580 E562	II	2	48	62	10YR 5/6 yellowish brown	loamy sand	E			680
II	1	G-9	TU	N580 E562	III	1	62	72	7.5YR 5/6 strong brown	Sandy loam	B	20%		NCM
II	1	M-9	TU	N589 E620	I	1	20	45	10YR 4/3 brown	loamy sand	Ap			726
II	1	M-9	TU	N589 E620	II	1	45	55	10YR 5/6 yellowish brown	loamy sand	E	20%		710
II	1	M-9	TU	N589 E620	II	2	55	65	10YR 5/6 yellowish brown	loamy sand	E	20%		NCM
II	1	M-9	TU	N589 E620	III	1	65	75	7.5YR 5/6 strong brown	loam	B			NCM
II	1	I-10	TU	N590 E589	I	1	17	45	10YR 4/4 dark yellowish brown I	Sandy loam	Ap		6	687
II	1	I-10	TU	N590 E589	II	1	45	55	10YR 5/6 yellowish brown	Sandy loam	E			688
II	1	I-10	TU	N590 E589	III	1	55	65	10YR 5/6 yellowish brown	Sandy loam	E			689
II	1	I-10	TU	N590 E589	III	1	65	75	10YR 5/8 yellowish brown	silt loam	B			NCM
II	1	I-10	TU	N590 E589									6	690
II	1	I-10	TU	N591 E589	I	1	17	45	10YR 4/4 dark yellowish brown I	Sandy loam	Ap		6	691
II	1	I-10	TU	N591 E589	II	1	45	55	10YR 5/6 yellowish brown	Sandy loam	E			692
II	1	I-10	TU	N591 E589	II	2	55	65	10YR 5/6 yellowish brown	Sandy loam	E			693
II	1	I-10	TU	N591 E589	III	1	65	75	10YR 5/8 yellowish brown	silt loam	B			707
II	1	F-10	TU	N594 E559	I	1	10	44	10YR 3/3 dark brown	Sandy loam	Ap			392
II	1	F-10	TU	N594 E559	II	1	44	50	10YR 5/6 yellowish brown	Sandy loam	E			
II	1	F-10	TU	N594 E559	II	2	50	60	10YR 5/4 yellowish brown	Sandy loam	E	20%		NCM
II	1	F-10	TU	N594 E559	II	3	60	70	10YR 5/4 yellowish brown	Sandy loam	E	20%		NCM
II	1	F-10	TU	N594 E559	III	1	70	83	7.5YR 5/6 strong brown	Sandy loam	B	20%		NCM
II	1	F-10	TU	N594 E559			39	120	10YR 3/4 dark yellowish brown	Sandy loam			2A	775
II	1	F-10	TU	N594 E559			44	55	10YR 3/4 dark yellowish brown	Sandy loam			2B	NCM
II	1	H-11	TU	N604 E570	I	1	10	40	10YR 4/4 dark yellowish brown	Sandy loam	Ap	<5%		681
II	1	H-11	TU	N604 E570	II	1	40	49	10YR 5/6 yellowish brown	Sandy loam	E	10%		682
II	1	H-11	TU	N604 E570	II	2	49	60	10YR 5/6 yellowish brown	Sandy loam	E			NCM
II	1	H-11	TU	N604 E570	III	1	60	70	7.5YR 5/8 strong brown	Sandy loam	B			NCM
II	1	K-12	TU	N610 E610	I	1	18	44	10YR 4/3 brown silt loam	silt loam	Ap			914
II	1	K-12	TU	N610 E610	II	1	44	54	10YR 5/6 yellowish brown	loam	E			NCM
II	1	K-12	TU	N610 E610	II	2	54	63	10YR 5/6 yellowish brown	loam	E			NCM
II	1	K-12	TU	N610 E610	III	1	63	73	7.5YR 5/6 strong brown	Sandy loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	I-13	TU	N620 E589	I	1	20	56	10YR 4/3 brown	loamy sand	Ap			694
II	1	I-13	TU	N620 E589	II	1	56	60	10YR 5/4 yellowish brown	Sandy loam	E			881
II	1	I-13	TU	N620 E589	II	2	60	70	10YR 5/4 yellowish brown	Sandy loam	E			882
II	1	I-13	TU	N620 E589	III	1	70	80	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	I-13	TU	N620 E589					10YR 4/3 brown loamy sand	loamy sand		<5%	5 south 1/2	706
II	1	I-13	TU	N620 E589					10YR 4/3 brown loamy sand	loamy sand		<5%	5	709
II	1	I-13	TU	N620 E589	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N620 E589	I		71	76	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	
II	1	I-13	TU	N620 E589	I		76	81	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	921
II	1	I-13	TU	N620 E589	I		81	86	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	922
II	1	I-13	TU	N620 E589	I		86	91	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	923
II	1	I-13	TU	N620 E589	II		91	96	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	924
II	1	I-13	TU	N620 E589	II		96	101	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N620 E589	II		101	106	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	925
II	1	I-13	TU	N620 E589	II		106	111	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N620.5 E588	I	1	20	45	10YR 4/3 brown loamy sand	loamy sand	Ap			695
II	1	I-13	TU	N620.5 E588	II	1	45	57	10YR 5/4 yellowish brown	Sandy loam	E			883
II	1	I-13	TU	N620.5 E588	II	2	57	67	10YR 5/4 yellowish brown	Sandy loam	E			884
II	1	I-13	TU	N620.5 E588	III	1	67	77	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	I-13	TU	N620.5 E588			42	49	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	776
II	1	I-13	TU	N620.5 E588			49	54	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	777
II	1	I-13	TU	N620.5 E588			42	49	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	812
II	1	I-13	TU	N620.5 E588		point provenienced ceramic			10YR 4/3 brown	loamy sand		<5%	5 North 1/2	813
II	1	I-13	TU	N620.5 E588			49	54	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	814
II	1	I-13	TU	N620.5 E588			54	59	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	815
II	1	I-13	TU	N620.5 E588			59	64	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	816
II	1	I-13	TU	N620.5 E588			64	68	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	817
II	1	I-13	TU	N620.5 E588			68	72	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	818
II	1	I-13	TU	N620.5 E588			72	76	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	825
II	1	I-13	TU	N620.5 E588			76	80	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	819
II	1	I-13	TU	N620.5 E588			80	85	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	820
II	1	I-13	TU	N620.5 E588		point provenienced ceramic			10YR 4/3 brown	loamy sand		<5%	5 North 1/2	821
II	1	I-13	TU	N620.5 E588			85	90	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	823
II	1	I-13	TU	N620.5 E588			90	95	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	822
II	1	I-13	TU	N620.5 E588			95	100	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	824
II	1	I-13	TU	N620.5 E588	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	890
II	1	I-13	TU	N620.5 E588	I		76	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	915
II	1	I-13	TU	N620.5 E588	I		76	81	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	916
II	1	I-13	TU	N620.5 E588	I		81	86	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	917
II	1	I-13	TU	N620.5 E588	I		86	91	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A south 1/2	918
II	1	I-13	TU	N620.5 E588	II		91	96	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	919
II	1	I-13	TU	N620.5 E588	II		96	101	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N620.5 E588	II		101	106	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	920
II	1	I-13	TU	N620.5 E588	II		106	111	10YR 5/6 yellowish brown	Sandy loam		<5%	5A south 1/2	NCM
II	1	J-13	TU	N620.5 E588		point provenienced ceramic			N621.43 E588.58 64 cmbd					893
II	1	J-13	TU	N620.5 E588					10YR 4/3 brown	loamy sand			7	811
II	1	J-13	TU	N620.5 E588									5 North 1/2	951

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	J-13	TU	N620.5 E590	I	1	14	35	10YR 4/3 brown	loamy sand	Ap			696
II	1	J-13	TU	N620.5 E590	II	1	35	57	10YR 5/4 yellowish brown	Sandy loam	E			885
II	1	J-13	TU	N620.5 E590	II	2	57	67	10YR 5/4 yellowish brown	Sandy loam	E			886
II	1	J-13	TU	N620.5 E590	III	1	67	77	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	J-13	TU	N620.5 E590			42	49	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	789
II	1	J-13	TU	N620.5 E590			49	54	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	810
II	1	J-13	TU	N620.5 E590			68	72	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	790
II	1	J-13	TU	N620.5 E590			76	80	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	791
II	1	J-13	TU	N620.5 E590			42	49	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	836
II	1	J-13	TU	N620.5 E590			49	54	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	837
II	1	J-13	TU	N620.5 E590			54	59	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	838
II	1	J-13	TU	N620.5 E590			76	89	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	839
II	1	J-13	TU	N620.5 E590	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A South 1/2	891
II	1	J-13	TU	N620.5 E590	I		71	76	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A South 1/2	926
II	1	J-13	TU	N620.5 E590	II		76	101	10YR 5/6 yellowish brown	Sandy loam		<5%	5A South 1/2	NCM
II	1	J-13	TU	N620.5 E590	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A North 1/2	940
II	1	J-13	TU	N620.5 E590	I		71	76	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A North 1/2	941
II	1	J-13	TU	N620.5 E590	I		76	91	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	Sandy loam		<5%	5A North 1/2	NCM
II	1	I-13	TU	N621 E589	I	1	19	45	10YR 4/3 brown	loamy sand	Ap			697
II	1	I-13	TU	N621 E589	II	1	45	46	10YR 5/4 yellowish brown	Sandy loam	E			887
II	1	I-13	TU	N621 E589	III	1	46	56	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	I-13	TU	N621 E589	III	2	56	66	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	I-13	TU	N621 E589	III	3	66	80	7.5YR 4/6 strong brown	Sandy loam	B			NCM
II	1	I-13	TU	N621 E589			42	49	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	778
II	1	I-13	TU	N621 E589			49	54	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	779
II	1	I-13	TU	N621 E589			54	59	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	780
II	1	I-13	TU	N621 E589			59	64	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	781
II	1	I-13	TU	N621 E589			64	68	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	NCM
II	1	I-13	TU	N621 E589			68	72	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	782
II	1	I-13	TU	N621 E589			72	76	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	783
II	1	I-13	TU	N621 E589			76	80	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	784
II	1	I-13	TU	N621 E589			80	85	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	785
II	1	I-13	TU	N621 E589			85	90	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	786
II	1	I-13	TU	N621 E589			90	95	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	787
II	1	I-13	TU	N621 E589			95	100	10YR 4/3 brown	loamy sand		<5%	5 south 1/2	788
II	1	I-13	TU	N621 E589			42	49	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	826
II	1	I-13	TU	N621 E589			49	54	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	944
II	1	I-13	TU	N621 E589			54	59	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	827
II	1	I-13	TU	N621 E589			59	64	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	828
II	1	I-13	TU	N621 E589			64	68	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	829
II	1	I-13	TU	N621 E589			68	72	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	830
II	1	I-13	TU	N621 E589			72	76	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	831
II	1	I-13	TU	N621 E589			76	80	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	832
II	1	I-13	TU	N621 E589			80	85	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	833
II	1	I-13	TU	N621 E589			85	90	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	834
II	1	I-13	TU	N621 E589			90	95	10YR 4/3 brown	loamy sand		<5%	5 North 1/2	835
II	1	I-13	TU	N621 E589	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A North 1/2	933
II	1	I-13	TU	N621 E589	I		71	76	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A North 1/2	934
II	1	I-13	TU	N621 E589	I		76	81	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A North 1/2	935
II	1	I-13	TU	N621 E589	I		81	86	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A North 1/2	936
II	1	I-13	TU	N621 E589	I		86	91	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A North 1/2	937

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	I-13	TU	N621 E589	II		91	96	10YR 5/6 yellowish brown	sandy loam		<5%	5A North 1/2	938
II	1	I-13	TU	N621 E589	II		96	101	10YR 5/6 yellowish brown	sandy loam		<5%	5A North 1/2	939
II	1	I-13	TU	N621 E589	II		101	106	10YR 5/6 yellowish brown	sandy loam		<5%	5A North 1/2	NCM
II	1	I-13	TU	N621 E589	II		106	111	10YR 5/6 yellowish brown	sandy loam		<5%	5A North 1/2	NCM
II	1	I-13	TU	N621 E589			point provenienced ceramic		N621.65 E589.02 68 cmbd					943
II	1	I-13	TU	N621 E589			95	100	soil sample flotation				5 North 1/2	952
II	1	I-13	TU	N621 E589			72	76	soil sample flotation				5 North 1/2	953
II	1	I-13	TU	N621.5 E588	I	1	18	45	10YR 4/3 brown loamy sand	loamy sand	Ap			698
II	1	I-13	TU	N621.5 E588	II	1	45	57	10YR 5/4 yellowish brown	sandy loam	E			888
II	1	I-13	TU	N621.5 E588	II	2	57	67	10YR 5/4 yellowish brown	sandy loam	E			889
II	1	I-13	TU	N621.5 E588	III	1	41	51	7.5YR 4/6 strong brown	sandy loam	B			NCM
II	1	I-13	TU	N621.5 E588	III	2	51	61	7.5YR 4/6 strong brown	sandy loam	B			NCM
II	1	I-13	TU	N621.5 E588	III	3	61	69	7.5YR 4/6 strong brown	sandy loam	B			NCM
II	1	I-13	TU	N621.5 E588			general feature clean up						Feature 5	840
II	1	I-13	TU	N621.5 E588	I		66	71	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A south 1/2	927
II	1	I-13	TU	N621.5 E588	I		71	76	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A south 1/2	928
II	1	I-13	TU	N621.5 E588	I		76	81	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A south 1/2	929
II	1	I-13	TU	N621.5 E588	I		81	86	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A south 1/2	930
II	1	I-13	TU	N621.5 E588	I		86	91	10YR 4/3 brown mottled with 10YR 4/2 dark grayish brown	sandy loam		<5%	5A south 1/2	931
II	1	I-13	TU	N621.5 E588	II		91	96	10YR 5/6 yellowish brown	sandy loam		<5%	5A south 1/2	932
II	1	I-13	TU	N621.5 E588	II		96	101	10YR 5/6 yellowish brown	sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N621.5 E588	II		101	106	10YR 5/6 yellowish brown	sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N621.5 E588	II		106	111	10YR 5/6 yellowish brown	sandy loam		<5%	5A south 1/2	NCM
II	1	I-13	TU	N621.5 E588	ovenienced ceramic		61		N621.56 E588.64					894
II	1	I-13							generla clean up of wall slump				5A N1/2	892
II	1	I-13							general floor clean up				5A N1/2	942
II	1	M-14	TU	N630 E628	I	1	22	49	10YR 4/3 brown	silt loam	Ap			792
II	1	M-14	TU	N630 E628	II	1	49	60	10YR 5/6 yellowish brown	silt loam	E	<5%		841
II	1	M-14	TU	N630 E628	II	2	60	65	10YR 5/6 yellowish brown	silt loam	E	<5%		842
II	1	M-14	TU	N630 E628	III	1	65	75	10YR 4/6 dark yellowish brown	Silty clay	B	<5%		NCM
II	1	M-14	TU	N630 E628			50	60	10YR 5/4 yellowish brown	silt loam			11	793
II	1	M-14	TU	N630 E629	I	1	15	50	10YR 4/3 brown	silt loam	Ap			947
II	1	M-14	TU	N630 E629	II	1	50	60	10YR 5/6 yellowish brown	silt loam	E	<5%		843
II	1	M-14	TU	N630 E629	II	2	60	73	10YR 5/6 yellowish brown	silt loam	E	<5%		844
II	1	M-14	TU	N630 E629	III	1	73	82	10YR 4/6 dark yellowish brown	silty clay	B	<5%		NCM
II	1	M-14	TU	N630 E629			50	60	10YR 5/4 yellowish brown	silt loam			11	793
II	1	M-14	TU	N630 E629			50	60	soil sample flotation				11	954
II	1	M-14	TU	N631 E628.75	I	1	15	46	10YR 3/3 dark brown	silt loam	Ap			845
II	1	M-14	TU	N631 E628.75	II	1	46	58	10YR 5/6 yellowish brown	silt loam	E			846
II	1	M-14	TU	N631 E628.75	II	1	58	65	10YR 5/6 yellowish brown	silt loam	E			847
II	1	M-14	TU	N631 E628.75	III	1	65	75	7.5YR 4/6 strong brown	sandy clay	B			848
II	1	M-14	TU	N631 E628.75	III	2	75	85	7.5YR 4/6 strong brown	sandy clay	B			NCM
II	1	M-14	TU	N631 E628.75					10YR 5/4 yellowish brown	silt loam			11	849

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	1	I-16	TU	N650 E589	I	1	20	49	10YR 4/4 dark yellowish brown	loamy sand	Ap			683
II	1	I-16	TU	N650 E589	II	1	49	57	10YR 5/6 yellowish brown	loamy sand	E			684
II	1	I-16	TU	N650 E589	II	2	57	65	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	1	I-16	TU	N650 E589	III	1	65	75	7.5YR 4/6 strong brown	sandy loam	B	20%		NCM
II	1	L-16	TU	N650 E619	I	1	20	47	10YR 4/4 dark yellowish brown	loamy sand	Ap			685
II	1	L-16	TU	N650 E619	II	1	47	57	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	1	L-16	TU	N650 E619	II	2	57	68	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	1	L-16	TU	N650 E619	III	1	68	77	7.5YR 5/6 strong brown	sandy loam	B			NCM
II	1	B-17	TU	N660 E519	I	1	15	44	10YR 4/3 brown sandy loam	sandy loam	Ap	5%		711
II	1	B-17	TU	N660 E519	II	1	44	56	10YR 5/6 yellowish brown	silty sand	E	5%		712
II	1	B-17	TU	N660 E519	II	2	56	65	10YR 5/6 yellowish brown	silty sand	E	5%		713
II	1	B-17	TU	N660 E519	II	3	65	75	10YR 5/6 yellowish brown	silty sand	E	5%		714
II	1	B-17	TU	N660 E519	III	1	75	95	2.5Y 5/3 light olive brown	silty sand	B	5%		NCM
II	1	I-17	TU	N661 E584	I	1	20	45	10YR 4/3 brown silt loam	silt loam	Ap			794
II	1	I-17	TU	N661 E584	II	1	45	55	10YR 5/6 yellowish brown	sandy loam	E			850
II	1	I-17	TU	N661 E584	II	2	55	65	10YR 5/6 yellowish brown	sandy loam	E			851
II	1	I-17	TU	N661 E584	II	3	65	75	10YR 5/6 yellowish brown	sandy loam	E			895
II	1	I-17	TU	N661 E584	II	4	75	85	10YR 5/6 yellowish brown	sandy loam	E			896
II	1	I-17	TU	N661 E584	II	5	85	95	10YR 5/6 yellowish brown	sandy loam	E			897
II	1	I-17	TU	N661 E584	II	6	95	105	10YR 5/6 yellowish brown	sandy loam	E			898
II	1	I-17	TU	N661 E584	III	1	105	110	7.5YR 4/6 strong brown	sandy loam	B			NCM
II	1	I-17	TU	N661 E584			45	55	10YR 4/4 dark yellowish brown	sandy loam			10	852
II	1	I-17	TU	N661 E584			55	65	10YR 4/4 dark yellowish brown	sandy loam			10	853
II	1	I-17	TU	N661 E584			65	75	10YR 4/4 dark yellowish brown	sandy loam			10	854
II	1	I-17	TU	N661 E584			75	88	10YR 4/4 dark yellowish brown	sandy loam			10	855
II	1	D-20	TU	N690 E530	I	1	20	49	10YR 4/2 dark grayish brown	sandy loam	AP	<5%		715
II	1	D-20	TU	N690 E530	II	1	49	61	10YR 5/4 yellowish brown	silty sand	E	5-10%		716
II	1	D-20	TU	N690 E530	II	2	61	70	10YR 5/4 yellowish brown	silty sand	E	5-10%		NCM
II	1	D-20	TU	N690 E530	III	1	70	83	2.5Y 6/4 light yellowish brown	silty sand		<5%		717
II	1	D-20	TU	N690 E530	IV	1	83	95	2.5Y 6/4 light yellowish brown mottled with 10YR 4/6 dark yellowish brown	sand		5%		NCM
I	2	23-R	TU	1	I	1	23	50	10YR 3/3 dark brown	Sandy loam	Ap			445
I	2	23-R	TU	1	II	1	50	60	10YR 5/6 yellowish brown	Sandy loam	B			446
I	2	23-R	TU	1	II	2	60	69	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	3-C	TU	2	I	1	19	45	10YR 3/4 dark yellowish brown	Loamy sand	Ap			447
I	2	3-C	TU	2	II	1	45	61	7.5YR 4/6 strong brown	Sandy loam	B			NCM
I	2	12-C	TU	3	I	1	33	33	10YR 3/3 brown humus/organic	Loam	O			448
I	2	12-C	TU	3	II	1	33	59	10YR 4/4 dark yellowish brown	Sandy loam	Ap			449
I	2	12-C	TU	3	III	1	59	69	2.5Y 5/4 light olive brown	Sandy loam	B			450
I	2	12-C	TU	3	III	2	69	79	2.5Y 5/4 light olive brown	Sandy loam	B			NCM
I	2	8-L	TU	4	I	1	20	45	10YR 3/4 dark yellowish brown	Loamy sand	Ap			451
I	2	8-L	TU	4	II	1	45	55	7.5YR 4/6 strong brown	Clay loam	B			NCM
I	2	15-L	TU	5	I	1	13	33	10YR 3/3 dark brown	Sandy loam	Ap			452
I	2	15-L	TU	5	II	1	43	55	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	15-L	TU	5	II	2	55	65	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	15-L	TU	5			43	89	10YR 3/3 dark brown	Sandy loam	Fea fill		1	453

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	2	23 line + 30m	TU	6	I	1	20	43	10YR 4/2 dark grayish brown	Loamy sand	Ap			454
I	2	23 line + 30m	TU	6	II	1	43	55	10YR 4/4 dark yellowish brown	Sandy loam	E			455
I	2	23 line + 30m	TU	6	III	1	55	66	10YR 4/6 dark yellowish brown	Sandy clay	B			NCM
I	2	8 line + 100 ft	TU	7	I	1	15	49	10YR 3/3 dark brown	Sandy loam	Ap			456
I	2	8 line + 100 ft	TU	7	II	1	49	60	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	8 line + 100 ft	TU	7	II	2	60	70	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	17 line	STP	17L	I		0	12	10YR 4/3 brown	Silt loam	Ap			357
I	2	17 line	STP	17L	II		12	23	10YR 5/4 yellowish brown	Sandy loam	E			358
I	2	17 line	STP	17L	III		23	57	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	18 line	STP	18 L	I		0	14	10YR 4/3 brown	Silt loam	Ap			NCM
I	2	18 line	STP	18 L	II		14	35	10YR 5/4 yellowish brown	Sandy loam	E			359
I	2	18 line	STP	18 L	III		35	56	10YR 6/6 brownish yellow	Loamy sand	B			NCM
I	2	18 line	STP	18C	I		0	12	10YR 4/3 brown	Silt loam	Ap			360
I	2	18 line	STP	18C	II		12	33	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	18 line	STP	18C	III		33	45	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	19 line	STP	19 L	I		0	10	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	19 line	STP	19 L	II		10	29	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	19 line	STP	19 L	III		29	42	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	19 line	STP	19C	I		0	13	10YR 4/3 brown	Silt loam	Ap			NCM
I	2	19 line	STP	19C	II		13	34	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	19 line	STP	19C	III		34	52	10YR 5/6 yellowish brown	Silt loam	B			NCM
I	2	20 line	STP	20L	I		0	15	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	20 line	STP	20L	II		15	42	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	20 line	STP	20L	III		42	54	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	20 line	STP	20C	I		0	12	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	20 line	STP	20C	II		12	25	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	20 line	STP	20C	III		25	40	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	20 line	STP	20R	I		0	14	10YR 4/3 brown	Silt loam	Ap			NCM
I	2	20 line	STP	20R	II		14	29	10YR 5/4 yellowish brown	Sandy loam	E			361
I	2	20 line	STP	20R	III		29	44	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	20 line	STP	20RR	I		0	15	10YR 4/3 brown	Sandy loam	Ap			362
I	2	20 line	STP	20RR	II		15	33	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	20 line	STP	20RR	III		33	44	10YR 5/6 yellowish brown	Loamy sand	B			NCM
I	2	21 line	STP	21 L	I		0	14	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	21 line	STP	21 L	II		14	32	10YR 5/4 yellowish brown	Sandy loam	E			363
I	2	21 line	STP	21 L	III		32	43	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	21 line	STP	21C	I		0	15	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	21 line	STP	21C	II		15	30	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	21 line	STP	21C	III		30	48	10YR 5/6 yellowish brown	Clayey loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	2	21 line	STP	21 R	I		0	17	10YR 4/3 brown	Sandy loam	Ap			364
I	2	21 line	STP	21 R	II		17	35	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	21 line	STP	21 R	III		35	48	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	21 line	STP	21 RR	I		0	13	10YR 4/3 brown	Silt loam	Ap			NCM
I	2	21 line	STP	21 RR	II		13	37	10YR 5/4 yellowish brown	Sandy loam	E			365
I	2	21 line	STP	21 RR	III		37	60	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	22 line	STP	22 L	I		0	11	10YR 4/3 brown	Sandy loam	Ap			366
I	2	22 line	STP	22 L	II		11	36	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	22 line	STP	22 L	III		36	55	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	22 line	STP	22C	I		0	12	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	22 line	STP	22C	II		12	31	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	22 line	STP	22C	III		31	44	10YR 6/8 brownish yellow	Sandy clay	B			NCM
I	2	22 line	STP	22R	I		0	12	10YR 4/3 brown	Sandy loam	Ap			367
I	2	22 line	STP	22R	II		12	34	10YR 5/4 yellowish brown	Loamy sand	E			NCM
I	2	22 line	STP	22R	III		34	43	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	22 line	STP	22 RR	I		0	13	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	22 line	STP	22 RR	II		13	37	10YR 5/4 yellowish brown	Sandy loam	E			368
I	2	22 line	STP	22 RR	III		37	44	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	23 line	STP	23 L	I		0	29	10YR 4/3 brown	Loam	Ap			NCM
I	2	23 line	STP	23 L	II		29	40	10YR 6/6 brownish yellow	Loam	B			NCM
I	2	23 line	STP	23 C	I		0	12	10YR 3/2 very dark grayish brown	Silt loam	fill			NCM
I	2	23 line	STP	23 C	II		12	33	10YR 4/3 brown	Sandy loam	Ap			372
I	2	23 line	STP	23 C	III		33	45	10YR 6/6 brownish yellow	Sandy loam	B			NCM
I	2	23 line	STP	23 R	I		0	34	10YR 4/3 brown	Sandy loam	Ap			373
I	2	23 line	STP	23 R	II		34	49	10YR 6/4 light yellowish brown	Loamy sand	B			NCM
I	2	23 line	STP	23 RR	I		0	11	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	23 line	STP	23 RR	II		11	34	10YR 5/4 yellowish brown	Sandy loam	E			374
I	2	23 line	STP	23 RR	III		34	49	10YR 6/4 light yellowish brown	Loamy sand	B			NCM
I	2	24 line	STP	24 L	I		0	10	10YR 3/2 very dark grayish brown	Sandy silt	fill			NCM
I	2	24 line	STP	24 L	II		10	28	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	24 line	STP	24 L	III		28	42	10YR 5/8 yellowish brown	Loamy sand	B			NCM
I	2	24 line	STP	24 C	I		0	10	10YR 3/2 very dark grayish brown	Loamy silt	fill			NCM
I	2	24 line	STP	24 C	II		10	31	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	24 line	STP	24 C	III		31	45	10YR 6/4 light yellowish brown	Loamy sand	B			NCM
I	2	24 line	STP	24 R	I		0	26	10YR 4/3 brown	Sandy loam	Ap			375
I	2	24 line	STP	24 R	II		26	40	10YR 6/4 light yellowish brown	Loamy sand	B			NCM
I	2	24 line	STP	24 RR	I		0	12	10YR 3/2 very dark grayish brown	Silt loam	fill			NCM
I	2	24 line	STP	24 RR	II		12	27	10YR 4/3 brown	Loamy sand	Ap			NCM
I	2	24 line	STP	24 RR	III		27	43	10YR 6/6 brownish yellow	Loamy sand	B			376
I	2	25 line	STP	25 L	I		0	30	10YR 5/4 yellowish brown	Silt loam	Ap			377
I	2	25 line	STP	25 L	II		30	40	10YR 6/2 light brownish gray	Silt loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	2	25 line	STP	25 C	I		0	20	10YR 5/4 yellowish brown	Silt loam	Ap			378
I	2	25 line	STP	25 C	II		20	35	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	25 line	STP	25 R	I		0	25	10YR 5/4 yellowish brown	Silt loam	Ap			NCM
I	2	25 line	STP	25 R	II		25	35	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	25 line	STP	25 RR	I		0	33	10YR 3/2 very dark grayish brown mottled with and 10YR 4/2 dark grayish brown	Silt loam	fill			NCM
I	2	25 line	STP	25 RR	II		33	59	10YR 4/4 dark yellowish brown	Sandy loam	fill			379
I	2	25 line	STP	25 RR	III		59	75	10YR 6/6 brownish yellow	Loamy sand	B			NCM
I	2	26 line	STP	26 L	I		0	16	10YR 3/2 very dark grayish brown	Silt loam	Ap			380
I	2	26 line	STP	26 L	II		16	42	10YR 5/4 yellowish brown	Sandy loam	E			381
I	2	26 line	STP	26 L	III		42	60	10YR 6/6 brownish yellow	Sandy loam	B			NCM
I	2	26 line	STP	26 C	I		0	22	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	26 line	STP	26 C	II		22	43	10YR 6/6 brownish yellow	Sandy loam	B			NCM
I	2	26 line	STP	26 R	I		0	15	10YR 3/2 very dark grayish brown	Silt loam	Ap			NCM
I	2	26 line	STP	26 R	II		15	30	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	26 line	STP	26 RR	I		0	23	10YR 4/2 dark grayish brown mottled with 10YR 5/6 yellowish brown	Sandy loam	fill			NCM
I	2	26 line	STP	26 RR	II		23	42	10YR 4/2 dark grayish brown sandy loam	Sandy loam	fill			NCM
I	2	26 line	STP	26 RR	III		42	63	10YR 5/6 yellowish brown	Sandy loam	B			NCM
									water at 60 cmbs					
I	2	radial	STP	23 C+ 5m left	I		0	14	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	radial	STP	23 C+ 5m left	II		14	30	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 C+ 5m left	III		30	48	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	radial	STP	23 C + 5m north	I		0	14	10YR 4/3 brown	Sandy loam	Ap			NCM
I	2	radial	STP	23 C + 5m north	II		14	25	10YR 5/4 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 C + 5m north	III		25	37	10YR 5/6 yellowish brown	Sandy loam	B			NCM
I	2	radial	STP	23 C + 5m R	I		0	32	10YR 5/4 yellowish brown	Silt loam	Ap			369
I	2	radial	STP	23 C + 5m R	II		32	48	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	radial	STP	23 C + 5m south	I		0	30	10YR 5/4 yellowish brown	Silt loam	Ap			NCM
I	2	radial	STP	23 C + 5m south	II		30	40	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	radial	STP	23 C + 5m R + 5m north	I		0	32	10YR 5/4 yellowish brown	Silt loam	Ap			370
I	2	radial	STP	23 C + 5m R + 5m north	II		32	46	10YR 6/2 light brownish gray	Silt loam	B			NCM
I	2	radial	STP	23 C + 5m r + 5m south	I		0	26	10YR 3/2 very dark grayish brown	Silt loam	Ap			371
I	2	radial	STP	23 C + 5m r + 5m south	II		26	42	10YR 6/6 brownish yellow	Sandy loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
I	2	radial	STP	23 r + 5m north	I		0	27	10YR 3/6 dark yellowish brown	Sandy loam	Ap			399
I	2	radial	STP	23 r + 5m north	II		27	58	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 r + 5m north	III		58	74	10YR 5/8 yellowish brown	Sandy loam	B			NCM
I	2	radial	STP	23 R + 5m south	I		0	24	10YR 3/6 dark yellowish brown	Sandy loam	Ap			398
I	2	radial	STP	23 R + 5m south	II		24	68	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 R + 5m east	I		0	26	10YR 3/6 dark yellowish brown	Sandy loam	Ap			396
I	2	radial	STP	23 R + 5m east	II		26	52	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 R + 5m east	III		52	67	10YR 5/8 yellowish brown	Sandy loam	B			NCM
I	2	radial	STP	23 RR + 5m north	I		0	29	10YR 3/6 dark yellowish brown	Sandy loam	Ap			400
I	2	radial	STP	23 RR + 5m north	II		29	48	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 RR + 5m north	III		48	73	10YR 5/8 yellowish brown	Sandy loam	B			NCM
I	2	radial	STP	23 RR + 5m south	I		0	33	10YR 3/6 dark yellowish brown	Sandy loam	Ap			397
I	2	radial	STP	23 RR + 5m south	II		33	46	10YR 5/6 yellowish brown	Sandy loam	E			NCM
I	2	radial	STP	23 RR + 5m south	III		46	64	10YR 5/8 yellowish brown	Sandy loam	B			NCM
II	2BS		TU	N510 E596	I	1	19	33	10YR 3/4 dark yellowish brown	sandy loam	Ap			795
II	2BS		TU	N512 E608	I	1	20	31	7.5YR 5/8 strong brown	sand	fill	40%		796
II	2BS		TU	N512 E608	II	1	31	38	10YR 4/2 dark grayish brown	sand	fill	40%		797
II	2BS		TU	N514 E584	I	1	10	28	10YR 4/3 brown	sandy loam	Ap			758
II	2BS		TU	N514 E584	II	1	28	34	7.5YR 5/8 strong brown	sandy silt	Fill	40%		NCM
II	2BS		TU	N514 E584	III	1	34	44	10YR 5/4 yellowish brown	sandy silt	B			NCM
II	2BS		TU	N519 E619	I	1	20	39	10YR 4/4 dark yellowish brown	sandy loam	Ap	10%	5	806
II	2BS		TU	N520 E594	I	1	19	36	10YR 4/4 dark yellowish brown	sandy loam	Ap			759
II	2BS		TU	N521 E594	I	1	19	33	10YR 4/4 dark yellowish brown	sandy loam	Ap			807
II	2BS		TU	N530 E587	I	1	20	40	10YR 4/4 dark yellowish brown	sandy loam	Ap			808
II	2BS		TU	N531 E600	I	1	18	39	10YR 4/4 dark yellowish brown	sandy loam	Ap			760
II	2BS		TU	N539 E592	I	1	20	49	10YR 4/3 brown	sandy loam	Ap	10%		761
II	2BS		TU	N540 E580	I	1	18	56	10YR 4/4 dark yellowish brown	sandy loam	Ap	10%		762
II	2BS		TU	N540 E617	I	1	19	49	10YR 4/3 brown	silt loam	Ap	<5%		763
II	2BS		TU	N548 E599	I	1	22	56	10YR 4/3 brown	sandy loam	Ap			809
II	2BS		TU	N549 E586	I	1	20	49	10YR 4/3 brown	sandy loam	Ap	5-10%		857
II	2BS			Trench 1									4	899
II	2BS			Trench 1										900
II	2BS			Trench 1										901
II	2BS			Trench 1										902
II	2BS			Trench 2									6	903
II	2BS			Trench 3									7	NCM
II	2BS			Trench 4									7	NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	2BS			Trench 5									8	904
II	2BS			Trench 5										945
II	2BS			Trench 5										946
II	2BS			Trench 6										NCM
I	3		STP	1	I		0	28	10YR 3/3 brown	Sandy loam	Fill			401
I	3		STP	1	II		28	40	10YR 5/6 yellowish brown	Sandy loam	Fill			NCM
I	3		STP	1	III		40	76	10YR 6/8 brownish yellow	Sand	Fill			NCM
I	3		STP	2	I		0	12	10YR 3/3 brown	Sandy loam	Fill			NCM
I	3		STP	2	II		12	59	10YR 6/6 brownish yellow	Sandy loam	Fill			402
I	3		STP	2	III		59	76	10YR 4/2 dark grayish brown	Sandy loam	Fill			NCM
I	3		STP	2	IV		76	83	10YR 6/6 brownish yellow	Sand	Fill			NCM
									general collection					477
I	3		STP	3	I		0	20	10YR 3/3 brown	Sandy loam	Fill			NCM
I	3		STP	3	II		20	39	10YR 3/3 brown	Sandy loam	Fill			NCM
I	3		STP	3	III		39	120	10YR 5/8 yellowish brown mottled with1 0YR 7/8 yellow	Sand	Fill			NCM
I	3		STP	3	IV		120		Water					478
									general collection					
I	3		STP	4	I		0	29	10YR 3/3 Brown mottled with 10YR 5/6 yellowish brown	Sandy loam	Fill			NCM
I	3		STP	4	II		29	80	10YR 5/8 yellowish brown	Sand	Fill			NCM
I	3		STP	4	III		80		Cable/Utility					
									general collection					479
I	3		STP	5	I		0	33	10YR 3/3 Brown mottled with 10YR 5/6 yellowish brown	Sandy loam	Fill			NCM
I	3		STP	5	II		33	90	10YR 5/8 yellowish brown mottled with 10YR 7/8 yellow	Sand	Fill			NCM
									general collection					480
I	3		STP	6	I		0	4	10YR 3/3 Brown	Sandy loam	Fill			NCM
I	3		STP	6	II		4	24	10YR 3/3 Brown with Road gravels	Sandy loam	Fill			NCM
I	3		STP	6	III		24	100	10YR 5/8 yellowish brown mottled with 10YR 7/8 yellow	Sand	Fill			NCM
									general collection					481
I	3		STP	7	I		0	17	10YR 3/2 very dark grayish brown mottled with 10YR 5/8 brownish yellow	Sandy loam	Fill			NCM
I	3		STP	7	II		17	28	10YR 3/3 Brown	Sandy loam	Fill			NCM
I	3		STP	7	III		28	97	10YR 5/8 yellowish brown mottled with 10YR 6/8 brownish yellow	Sand	Fill			NCM
IB	5		STP	N100 E1100	I		0	25	10YR 4/3 brown	sandy loam	Ap			NCM
IB	5		STP	N100 E1100	II		25	33	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N100 E1100	III		33	45	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N150 E950	I		0	45	10YR 4/3 brown	sandy loam	Ap			NCM
IB	5		STP	N150 E950	II		45	55	10YR 5/8 yellowish brown mottled with 7.5YR 6/8 reddish yellow	sand	E/B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N150 E1000	I		0	35	10YR 3/3 dark brown	silt loam	Ap			493
IB	5		STP	N150 E1000	II		35	43	10YR 5/4 yellowish brown	silty clay	E			NCM
IB	5		STP	N150 E1000	III		43	62	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N150 E1050	I		0	25	10YR 4/3 brown	sandy loam	Ap			492
IB	5		STP	N150 E1050	II		25	44	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N150 E1100	I		0	35	10YR 3/3 dark brown	silty sand	Ap			552
IB	5		STP	N150 E1100	II		35	47	10YR 5/6 yellowish brown	silty clay	E			NCM
IB	5		STP	N150 E1100	III		47	53	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N200 E800	I		0	32	10YR 4/3 brown	sandy loam	Ap			494
IB	5		STP	N200 E800	II		32	48	2.5Y 6/3 light yellowish brown	clay	B			NCM
IB	5		STP	N200 E850	I		0	42	10YR 3/3 dark brown	silty sand	Ap			495
IB	5		STP	N200 E850	II		42	57	10YR 5/6 yellowish brown	silt loam	E			NCM
IB	5		STP	N200 E850	III		57	69	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N200 E900	I		0	80	10YR 3/3 dark brown	loamy sand	Fill			496
IB	5		STP	N200 E900	II		80	92	10YR 5/3 brown	clayey sand	B			NCM
IB	5		STP	N200 E1000	I		0	33	10YR 3/3 dark brown	silty sand	Ap			497
IB	5		STP	N200 E1000	II		33	57	2.5Y 5/6 light olive brown	sandy clay	E			NCM
IB	5		STP	N200 E1000	III		57	68	10YR 6/8 brownish yellow	sandy clay	B			NCM
IB	5		STP	N200 E1100	I		0	27	10YR 3/3 dark brown	silty sand	Ap			498
IB	5		STP	N200 E1100	II		27	48	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N200 E1100	III		48	61	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB														
IB	5		STP	N250 E750	I		0	33	10YR 4/3 brown	sandy loam	Ap			NCM
IB	5		STP	N250 E750	II		33	45	10YR 5/4 yellowish brown	silty clay	E			NCM
IB	5		STP	N250 E750	III		45	58	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N250 E850	I		0	37	10YR 4/3 brown	silt loam	Ap			499
IB	5		STP	N250 E850	II		37	56	2.5Y 4/3 olive brown	silt loam	B			NCM
IB	5		STP	N250 E950	I		0	45	10YR 4/3 brown	silt loam	Ap			500
IB	5		STP	N250 E950	II		45	65	2.5Y 6/3 light yellowish brown	silty clay	B			NCM
IB	5		STP	N250 E1050	I		0	31	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N250 E1050	II		31	38	10YR 5/4 yellowish brown	silty clay	E			NCM
IB	5		STP	N250 E1050	III		38	50	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N300 E600	I		0	34	10YR 4/3 brown	sandy loam	Ap			501
IB	5		STP	N300 E600	II		34	45	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	5		STP	N300 E600	III		45	58	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	5		STP	N300 E700	I		0	33	10YR 4/3 brown	sandy loam	Ap			NCM
IB	5		STP	N300 E700	II		33	50	10YR 5/4 yellowish brown	sandy loam	E			502
IB	5		STP	N300 E700	III		50	60	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	5		STP	N300 E800	I		0	20	10YR 4/3 brown	sandy loam	Ap			503
IB	5		STP	N300 E800	II		20	37	10YR 5/4 yellowish brown	sandy loam	E			504
IB	5		STP	N300 E800	III		37	47	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	5		STP	N300 E900	I		0	40	10YR 4/3 brown	sandy loam	Ap			NCM
IB	5		STP	N300 E900	II		40	52	10YR 5/4 yellowish brown	loamy sand	E			NCM
IB	5		STP	N300 E900	III		52	65	10YR 5/6 yellowish brown	coarse sand	B	40%		NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N300 E1000	I		0	28	10YR 4/3 brown	silt loam	Ap			505
IB	5		STP	N300 E1000	II		28	40	10YR 5/4 yellowish brown	silty clay	E			NCM
IB	5		STP	N300 E1000	III		40	52	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N325 E600	I		0	29	10YR 3/3 dark brown	silty sand	Ap			506
IB	5		STP	N325 E600	II		29	64	10YR 5/4 yellowish brown	sand	E			NCM
IB	5		STP	N325 E600	III		54	74	10YR 4/6 dark yellowish brown	sand	B			NCM
IB	5		STP	N325 E700	I		0	40	10YR 3/3 dark brown	silt loam	Ap			NCM
IB	5		STP	N325 E700	II		40	53	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	5		STP	N325 E700	III		53	67	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N325 E800	I		0	28	10YR 3/3 dark brown	silty sand	Ap			507
IB	5		STP	N325 E800	II		28	34	10YR 3/3 dark brown mottled with 10YR 5/6 yellowish brown	silty sand	Ap			NCM
IB	5		STP	N325 E800	III		34	46	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N325 E800	IV		46	58	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N325 E900	I		0	30	10YR 3/3 dark brown	silty sand	Ap			508
IB	5		STP	N325 E900	II		30	89	10YR 5/6 yellowish brown mottled with 7.5YR 5/8 strong brown	sand	B			NCM
IB	5		STP	N325 E900	III		89	105	2.5Y 5/6 light olive brown	coarse sand	B2			NCM
IB	5		STP	N350 E550	I		0	31	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N350 E550	IIA		31	100	7.5YR 5/6 strong brown	sand	B			NCM
IB	5		STP	N350 E550	IIB		31	100	10YR 5/6 yellowish brown	sand	B2			NCM
IB	5		STP	N350 E650	I		0	33	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N350 E650	II		33	56	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N350 E650	III		56	65	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N350 E750	I		0	31	10YR 3/3 dark brown	silty sand	Ap			509
IB	5		STP	N350 E750	II		31	51	10YR 6/6 brownish yellow	sand	B			NCM
IB	5		STP	N350 E750	III		51	66	10YR 5/6 yellowish brown	loamy sand	B2			NCM
IB	5		STP	N350 E850	I		0	36	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N350 E850	II		36	47	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N350 E850	III		47	59	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N350 E950	I		0	41	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N350 E950	II		41	47	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N350 E950	II		47	56	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N350 E1050	I		0	35	10YR 3/3 dark brown	silty sand	Ap			510
IB	5		STP	N350 E1050	II		35	60	10YR 5/6 yellowish brown	silty sand	E			511
IB	5		STP	N350 E1050	III		60	69	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N400 E600	I		0	32	10YR 4/1 dark gray	silt loam	Ap			512
IB	5		STP	N400 E600	II		32	50	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N400 E600	III		50	62	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N400 E700	I		0	29	10YR 4/3 brown	silt loam	Ap			513
IB	5		STP	N400 E700	II		29	44	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N400 E700	III		44	55	7.5YR 4/6 strong brown	sandy clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N400 E750	I		0	26	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N400 E750	II		26	42	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N400 E750	III		42	54	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N400 E800	I		0	31	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N400 E800	II		31	42	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N400 E800	III		42	60	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N400 E900	I		0	28	10YR 4/3 brown	clay	Ap			NCM
IB	5		STP	N400 E900	II		28	41	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N400 E900	III		41	55	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N400 E1000	I		0	36	10YR 4/3 brown	clay loam	Ap			NCM
IB	5		STP	N400 E1000	II		36	49	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N400 E1000	III		49	59	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N400 E1050	I		0	31	10YR 3/3 dark brown	silty sand	Ap			514
IB	5		STP	N400 E1050	II		31	55	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N400 E1050	III		55	67	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N450 E550	I		0	37	10YR 3/3 dark brown	loamy sand	Ap			515
IB	5		STP	N450 E550	II		37	67	10YR 5/4 yellowish brown	loamy sand	E			NCM
IB	5		STP	N450 E550	III		67	82	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N450 E650	I		0	31	10YR 4/3 brown	loam	Ap			516
IB	5		STP	N450 E650	II		31	44	10YR 4/6 dark yellowish brown	loamy sand	E			NCM
IB	5		STP	N450 E700	I		0	30	10YR 4/3 brown	sandy loam	Ap			517
IB	5		STP	N450 E700	II		30	44	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E700	III		44	55	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N450 E750	I		0	29	10YR 4/3 brown	loam	Ap			518
IB	5		STP	N450 E750	II		29	43	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E750	III		43	57	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N450 E800	I		0	34	10YR 4/3 brown	sandy loam	Ap			519
IB	5		STP	N450 E800	II		34	48	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E800	III		48	58	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N450 E850	I		0	31	10YR 4/3 brown	loam	Ap			NCM
IB	5		STP	N450 E850	II		31	42	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E850	III		42	47	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N450 E950	I		0	29	10YR 4/3 brown	loam	Ap			NCM
IB	5		STP	N450 E950	II		29	39	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E950	III		39	50	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N450 E1050	I		0	35	10YR 4/3 brown	clay loam	Ap			520
IB	5		STP	N450 E1050	II		35	50	10 YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N450 E1050	III		50	60	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N500 E600	I		0	29	10YR 3/3 dark brown	loamy sand	Ap			NCM
IB	5		STP	N500 E600	II		29	43	10YR 5/4 yellowish brown	silty sand	E			521
IB	5		STP	N500 E600	III		43	54	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N500 E700	I		0	31	10YR 3/3 dark brown	loamy sand	Ap			522
IB	5		STP	N500 E700	II		31	52	10YR 5/4 yellowish brown	silty sand	E			NCM
IB	5		STP	N500 E700	III		52	65	10YR 4/6 dark yellowish brown	clayey sand	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N500 E750	I		0	27	10YR 3/3 dark brown	silt loam	Ap			NCM
IB	5		STP	N500 E750	II		27	42	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N500 E750	III		42	52	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N500 E800	I		0	36	10YR 3/3 dark brown	loamy sand	Ap			523
IB	5		STP	N500 E800	II		36	52	10YR 5/4 yellowish brown	silty sand	E			524
IB	5		STP	N500 E800	III		52	65	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N500 E850	I		0	29	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N500 E850	II		29	50	10YR 5/6 yellowish brown	sand	E			NCM
IB	5		STP	N500 E850	III		50	61	10YR 4/6 dark yellowish brown	loamy sand	B			NCM
IB	5		STP	N500 E900	I		0	28	10YR 3/3 dark brown	loamy sand	Ap			525
IB	5		STP	N500 E900	II		28	59	10YR 5/4 yellowish brown	silty sand	E			NCM
IB	5		STP	N500 E900	III		59	70	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N500 E1000	I		0	33	10YR 3/3 dark brown	loamy sand	Ap			526
IB	5		STP	N500 E1000	II		33	57	10YR 5/4 yellowish brown	silty sand	E			NCM
IB	5		STP	N500 E1000	III		57	64	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N550 E550	I		0	27	10YR 3/3 dark brown	silty sand	Ap			527
IB	5		STP	N550 E550	II		27	46	10YR 5/4 yellowish brown	clayey sand	E			NCM
IB	5		STP	N550 E550	III		46	59	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N550 E650	I		0	35	10YR 3/3 dark brown	loamy sand	Ap			528
IB	5		STP	N550 E650	II		35	51	10YR 5/4 yellowish brown	clayey sand	E			NCM
IB	5		STP	N550 E650	III		52	64	10YR 5/6 yellowish brown	sand	B			NCM
IB	5		STP	N550 E750	I		0	30	10YR 3/3 dark brown	loamy sand	Ap			529
IB	5		STP	N550 E750	II		30	50	10YR 5/4 yellowish brown	loam	E			NCM
IB	5		STP	N550 E750	III		50	61	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N550 E800	I		0	33	10YR 3/3 dark brown	silty sand	Ap			530
IB	5		STP	N550 E800	II		33	41	10YR 5/6 yellowish brown mottled with 10YR 5/4 yellowish brown	silty sand	E			NCM
IB	5		STP	N550 E800	III		41	64	10Yr 4/6 dark yellowish brown	sand	B			NCM
IB	5		STP	N550 E850	I		0	28	10YR 3/3 dark brown	loamy sand	Ap			NCM
IB	5		STP	N550 E850	II		28	41	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N550 E850	III		41	53	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N550 E950	I		0	18	10YR 3/3 dark brown	loamy sand	Ap			NCM
IB	5		STP	N550 E950	II		18	57	10YR 5/4 yellowish brown	silty sand	E			531
IB	5		STP	N550 E950	III		57	68	10YR 4/6 dark yellowish brown	sand	B			NCM
IB	5		STP	N600 E600	I		0	33	10YR 3/3 dark brown	loamy sand	Ap			NCM
IB	5		STP	N600 E600	II		33	44	10YR 4/6 dark yellowish brown	loamy sand	E			NCM
IB	5		STP	N600 E600	III		44	54	10YR 5/6 yellowish brown	clayey sand	B			NCM
IB	5		STP	N600 E700	I		0	30	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E700	II		30	36	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N600 E700	III		36	48	10YR 4/6 dark yellowish brown	silty sand	B			NCM
IB	5		STP	N600 E800	I		0	31	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E800	II		31	40	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N600 E800	III		40	53	10YR 4/6 dark yellowish brown	clayey sand	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N600 E850	I		0	31	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E850	II		31	47	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N600 E850	III		47	58	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N600 E900	I		0	28	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E900	II		28	73	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N600 E900	III		73	79	10YR 6/4 light yellowish brown	silty sand	B			NCM
IB	5		STP	N600 E900	IV		79	82	10YR 5/8 yellowish brown	sand	B2			NCM
IB	5		STP	N600 E950	I		0	32	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E950	II		32	49	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N600 E950	III		49	59	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N600 E950	I		surface find near STP							532
IB	5		STP	N600 E1000	I		0	34	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N600 E1000	II		34	55	10YR 5/4 yellowish brown	clayey sand	E			NCM
IB	5		STP	N650 E550	I		0	33	10YR 4/3 brown	silt loam	Ap			533
IB	5		STP	N650 E550	II		33	43	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E550	III		43	50	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N650 E650	I		0	30	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N650 E650	II		30	40	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E650	III		40	47	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N650 E750	I		0	30	10YR 4/3 brown	silt loam	Ap			534
IB	5		STP	N650 E750	II		30	40	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E750	III		40	50	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N650 E800	I		0	32	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N650 E800	II		32	41	10YR 5/6 yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E800	III		41	53	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N650 E850	I		0	34	10YR 4/3 brown	sandy loam	Ap			535
IB	5		STP	N650 E850	II		34	60	10YR 5/4 yellowish brown	clayey sand	E			NCM
IB	5		STP	N650 E850	III		60	83	7.5YR 4/6 strong brown	loamy sand	B			NCM
IB	5		STP	N650 E950	I		0	32	10YR 4/3 brown	silt loam	Ap			536
IB	5		STP	N650 E950	II		32	45	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E950	III		45	55	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N650 E1000	I		0	28	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N650 E1000	II		28	39	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N650 E1000	III		39	52	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N700 E600	I		0	25	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N700 E600	II		25	45	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N700 E600	III		45	59	10YR 4/6 dark yellowish brown	silty sand	B			NCM
IB	5		STP	N700 E700	I		0	32	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N700 E700	II		32	37	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N700 E700	III		37	47	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N700 E800	I		0	30	10YR 3/3 dark brown	silt loam	Ap			537
IB	5		STP	N700 E800	II		30	45	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N700 E800	III		45	58	10YR 4/6 dark yellowish brown	clayey sand	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N700 E850	I		0	25	10YR 4/3 brown	silt loam	Ap			538
IB	5		STP	N700 E850	II		25	32	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N700 E850	III		32	42	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N700 E850	I		0	42	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N700 E850	II		42	57	10YR 5/6 yellowish brown	silt loam	E			NCM
IB	5		STP	N700 E850	III		57	69	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	5		STP	N700 E900	I		0	41	10YR 3/3 dark brown	silty sand	Ap			539
IB	5		STP	N700 E900	II		41	50	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N700 E900	III		50	64	10YR 4/6 dark yellowish brown	silty sand	B			NCM
IB	5		STP	N700 E1000	I		0	32	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N700 E1000	II		32	65	10YR 6/6 brownish yellow	silty sand	E			NCM
IB	5		STP	N700 E1000	III		65	71	10YR 5/8 yellowish brown	sand	B			NCM
IB	5		STP	N750 E550	I		0	25	10YR 4/3 brown	sand loam	Ap			540
IB	5		STP	N750 E550	II		25	40	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N750 E550	III		40	51	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N750 E650	I		0	24	10YR 4/3 brown	clay loam	Ap			NCM
IB	5		STP	N750 E650	II		24	40	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N750 E750	I		0	30	10YR 4/3 brown	silt loam	Ap			541
IB	5		STP	N750 E750	II		30	35	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N750 E750	III		35	45	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N750 E850	I		0	29	10YR 4/3 brown	silt loam	Ap			542
IB	5		STP	N750 E850	II		29	44	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N750 E850	III		44	57	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N750 E900	I		0	28	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N750 E900	II		28	36	10YR 5/6 yellowish brown	sandy clay	E			NCM
IB	5		STP	N750 E900	III		36	47	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N750 E950	I		0	27	10YR 4/3 brown	silt loam	Ap			543
IB	5		STP	N750 E950	II		27	32	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N750 E950	III		32	42	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N800 E500	I		0	38	10YR 3/3 dark brown	loamy sand	Ap			544
IB	5		STP	N800 E500	II		38	55	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N800 E500	III		55	68	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N800 E600	I		0	26	10YR 3/3 dark brown	loamy sand	Ap			545
IB	5		STP	N800 E600	II		26	49	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N800 E600	III		49	60	10YR 4/6 dark yellowish brown	sand	B			NCM
IB	5		STP	N800 E700	I		0	28	10YR 3/3 dark brown	loamy sand	Ap			NCM
IB	5		STP	N800 E700	II		28	46	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N800 E800	I		0	24	10YR 3/3 dark brown	loamy sand	Ap			546
IB	5		STP	N800 E800	II		24	44	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N800 E800	III		44	57	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N800 E900	I		0	38	10YR 4/3 brown	sandy loam	Ap			547
IB	5		STP	N800 E900	II		38	52	7.5YR 4/6 strong brown	sandy clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N850 E650	I		0	29	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N850 E650	II		29	36	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N850 E650	III		36	46	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N850 E750	I		0	34	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N850 E750	II		34	47	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N850 E850	I		0	29	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N850 E850	II		29	38	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N850 E850	III		38	50	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N850 N550	I		0	28	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N850 N550	II		28	46	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N850 N550	III		46	54	7.5YR 4/6 strong brown	sandy clay	B			NCM
IB	5		STP	N900 E500	I		0	35	10YR 3/3 dark brown	silty sand	Ap			548
IB	5		STP	N900 E500	II		35	48	10YR 5/6 yellowish brown	silt sand	E			NCM
IB	5		STP	N900 E500	III		48	58	10YR 4/6 dark yellowish brown	clay sand	B			NCM
IB	5		STP	N900 E600	I		0	29	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N900 E600	II		29	46	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	5		STP	N900 E600	III		46	57	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N900 E700	I		0	27	10YR 3/3 dark brown	silty sand	Ap			549
IB	5		STP	N900 E700	II		27	32	10YR 5/6 yellowish brown	silty sand	E			NCM
IB	5		STP	N900 E700	III		32	42	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N950 E450	I		0	27	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N950 E450	II		27	33	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N950 E450	III		33	44	7.5YR 4/6 strong brown	sandy clay	B	50%		NCM
IB	5		STP	N950 E550	I		0	33	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N950 E550	II		33	42	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N950 E550	III		42	54	7.5YR 4.6 strong brown	sandy clay	B			NCM
IB	5		STP	N950 E650	I		0	29	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N950 E650	II		29	40	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N950 E650	III		40	47	7.5YR 4/6 strong brown	clay	B			NCM
IB	5		STP	N1000 E400	I		0	24	10YR 3/3 dark brown	silt sand	Ap			NCM
IB	5		STP	N1000 E400	II		24	44	10YR 5/6 yellowish brown	silt sand	E			NCM
IB	5		STP	N1000 E400	III		44	54	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N1000 E500	I		0	36	10YR 3/3 dark brown	silty sand	Ap			NCM
IB	5		STP	N1000 E500	II		36	42	10YR 5/6 yellowish brown	clayey sand	E			NCM
IB	5		STP	N1000 E500	III		42	52	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N1000 E600	I		0	32	10YR 3/3 dark brown	silty sand	Ap			550
IB	5		STP	N1000 E600	II		32	41	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	5		STP	N1000 E600	III		41	57	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
IB	5		STP	N1050 E450	I		0	37	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N1050 E450	II		37	45	10YR 5/4 yellowish brown	sandy clay	E			NCM
IB	5		STP	N1050 E450	III		45	55	7.5YR 4/6 dark yellowish brown	silty clay	B			NCM
IB	5		STP	N1100 E400	I		0	30	10YR 4/3 brown	silt loam	Ap			NCM
IB	5		STP	N1100 E400	II		30	41	7.5YR 4/6 strong brown	silty clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	5		STP	N1150 E350	I		0	28	10YR 3/3 dark brown	silty sand	Ap			551
IB	5		STP	N1150 E350	II		28	39	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	5		STP	N1150 E350	III		39	51	10YR 4/6 dark yellowish brown	clayey sand	B			NCM
II	5		TU	TU A	I	1	20	43	10YR 4/3 brown	sandy loam	AP	5%		718
II	5		TU	TU A	II	1	42	55	10YR 5/6 yellowish brown	loamy sand	E	5%		719
II	5		TU	TU A	II	2	55	62	10YR 5/6 yellowish brown	loamy sand	E	5%		NCM
II	5		TU	TU A	III	1	62	72	7.5YT 5/6 strong brown	coarse sand	B	50%		NCM
II	5		TU	TU B	I	1	20	52	10YR 4/3 brown	loamy sand	AP			720
II	5		TU	TU B	II	1	52	60	10YR 5/6 yellowish brown	sandy loam	E	<5%		746
II	5		TU	TU B	III	1	60	73	7.5YR 5/6 strong brown	sand	B			NCM
II	5		TU	TU B	IV	1	52	72	2.5YR 6/3 light reddish brown	sandy loam	B	5%		NCM
II	5		TU	TU B	V	1	52		10YR 6/6 brownish yellow	coarse sand	C			NCM
II	5		TU	TU C	I	1	26	48	10YR 4/3 brown	sandy loam	AP	5%		721
II	5		TU	TU C	II	1	48	58	10YR 5/6 yellowish brown	sandy loam	E	5%		NCM
II	5		TU	TU C	III	1	58	70	7.5YR 5/6 strong brown	loam	B	10%		NCM
II	5		TU	TU D	I	1	20	54	10YR 4/3 brown	sandy loam	AP	5%		722
II	5		TU	TU D	II	1	54	64	10YR 5/6 yellowish brown	sandy loam	E	<5%		723
II	5		TU	TU D	III	1	64	74	7.5YR 5/6 strong brown	loam	B	5%		NCM
II	5		TU	TU E	I	1	20	47	10YR 4/3 brown	loam	Ap	<5%		747
II	5		TU	TU E	II	1	47	55	10YR 4/6 dark yellowish brown	sandy loam	E	<5%		NCM
II	5		TU	TU E	II	2	55	65	10YR 4/6 dark yellowish brown	sandy loam	E	<5%		748
II	5		TU	TU E	III	1	65	75	7.5YR 4/6 strong brown	sandy loam	B	5-10%		NCM
II	5		TU	TU F	I	1	10	44	10YR 4/3 brown	loamy sand	Ap	20%		749
II	5		TU	TU F	II	1	44	53	2.5Y 6/4 light yellowish brown	loamy sand	E	<5%		750
II	5		TU	TU F	II	2	53	63	2.5Y 6/4 light yellowish brown	loamy sand	E	<5%		NCM
II	5		TU	TU F	III	1	63	75	7.5YR 4/6 strong brown	sandy loam	B	5%		NCM
II	5		TU	TU G	I	1	22	50	10YR 4/3 brown	loamy sand	AP			751
II	5		TU	TU G	II	1	50	58	10YR 5/6 yellowish brown	sandy loam	E			NCM
II	5		TU	TU G	III	1	58	70	7.5YR 5/6 strong brown	loamy sand	B			NCM
II	5		TU	TU G	IV	1	50	70	2.5YR 6/3 light reddish brown	sandy loam	B	5%		NCM
II	5			Surface find										756
IB	6		STP	N430 E610	I		0	29	10YR 4/4 dark yellowish brown	loamy sand	Ap			NCM
IB	6		STP	N430 E610	II		29	38	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	6		STP	N430 E610	III		38	47	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	6		STP	N440 E600	I		0	34	10YR 4/4 dark yellowish brown	loamy sand	Ap			553
IB	6		STP	N440 E600	II		34	40	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	6		STP	N440 E600	III		40	45	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	6		STP	N440 E620	I		0	30	10YR 4/4 dark yellowish brown	sandy loam	Ap			NCM
IB	6		STP	N440 E620	II		30	42	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	6		STP	N450 E610	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			554
IB	6		STP	N450 E610	II		30	46	10YR 5/8 yellowish brown	sandy loam	E			NCM
IB	6		STP	N460 E600	I		0	25	10YR 4/4 dark yellowish brown	loamy sand	Ap			556
IB	6		STP	N460 E600	II		25	35	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	6		STP	N460 E600	III		35	40	7.5YR 5/6 strong brown	loamy sand	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	6		STP	N460 E620	I		0	43	10YR 4/4 dark yellowish brown	loamy sand	Ap			555
IB	6		STP	N460 E620	II		43	52	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	6		STP	N460 E620	III		52	64	7.5YR 5/6 strong brown	loamy sand	B			NCM
IB	6		STP	N470 E610	I		0	34	10YR 4/4 dark yellowish brown	loamy sand	Ap			557
IB	6		STP	N470 E610	II		34	47	10YR 5/8 yellowish brown	sandy loam	E			NCM
IB	6		STP	N500 E500	I		0	12	10YR 4/3 brown	sandy loam	Ap			558
IB	6		STP	N500 E500	II		12	33	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	6		STP	N500 E500	III		33	51	7.5YR 4/6 strong brown	sand	B			NCM
IB	6		STP	N510 E510	I		0	9	10YR 3/3 dark brown	sandy loam	fill			NCM
IB	6		STP	N510 E510	II		9	14	10YR 4/3 brown	sandy loam	Ap			559
IB	6		STP	N510 E510	III		14	44	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	6		STP	N510 E530	I		0	33	10YR 4/4 dark yellowish brown	sandy loam	Ap			560
IB	6		STP	N510 E530	II		33	36	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	6		STP	N510 E530	III		36	46	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	6		STP	N510 E550	I		0	23	10YR 4/4 dark yellowish brown	sandy loam	Ap			652
IB	6		STP	N510 E550	II		23	41	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	6		STP	N510 E570	I		0	28	10YR 4/4 dark yellowish brown	silt loam	Ap			653
IB	6		STP	N510 E570	II		28	42	10YR 5/3 brown	silt loam	B			NCM
II	6BC		TU	N517 E499	I	1	44	52	10YR 4/4 dark yellowish brown	loamy sand	fill			798
II	6BC		TU	N517 E499	II	1	52	66	10YR 4/3 brown	loamy sand	Ap			799
II	6BC		TU	N517 E499	E 1/2 only		66	82	10YR 4/3 brown loamy sand mottled with 10YR 6/4 light yellowish brown	loamy sand	Feature	10%	3, Stratum II	NCM
II	6BC		TU	N517 E499	III	1	82	105	10YR 5/6 yellowish brown	loamy sand	E	<5%		868
II	6BC		TU	N517 E499	III	2	105	110	10YR 5/6 yellowish brown	loamy sand	E/B	<5%		NCM
II	6BC		TU	N517 E499	W 1/2 only		58	71	10YR 4/3 brown mottled with 10YR 6/4 light yellowish brown	sandy loam	Feature		3, Stratum III	858
II	6BC		TU	N517 E499	W 1/2 only		68	80	10YR 4/3 brown mottled with 10YR 5/6 yellowish brown	loamy sand	Feature		3A	859
II	6BC		TU	N518 E498	I	1	53	65	10YR 4/4 dark yellowish brown	loamy sand	fill			764
II	6BC		TU	N518 E498	II	1	65	74	10YR 4/3 brown	loamy sand	Ap			765
II	6BC		TU	N518 E498	III	1	103	114	10YR 5/6 yellowish brown	loamy sand	E			869
II	6BC		TU	N518 E498	III	2	114	125	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N518 E498	III	3	125	137	10YR 5/6 yellowish brown	loamy sand	E/B	5%		NCM
II	6BC		TU	N518 E498	N 1/2 only		74	88	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	860
II	6BC		TU	N518 E498	N 1/2 only		88	98	10YR 4/3 brown	loamy sand	Feature		3, Stratum II	NCM
II	6BC		TU	N518 E498			77	88	10YR 4/3 brown loamy sand mottled with 10YR 6/4 light yellowish brown	loamy sand	Feature	10%	3, Stratum III	861
II	6BC		TU	N518 E498			88	115	10YR 4/3 brown mottled with 10YR 5/6 yellowish brown	loamy sand	Feature		3A	864

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	6BC		TU	N518 E499	I	1	37	46	10YR 4/4 dark yellowish brown	loamy sand	fill			800
II	6BC		TU	N518 E499	II	1	46	61	10YR 4/3 brown	loamy sand	Ap			801
II	6BC		TU	N518 E499	III	1	70	80	10YR 5/6 yellowish brown	loamy sand	E			870
II	6BC		TU	N518 E499	III	2	80	99	10YR 5/6 yellowish brown	loamy sand	E			871
II	6BC		TU	N518 E499	III	3	99	114	10YR 5/6 yellowish brown	loamy sand	E/B			NCM
II	6BC		TU	N518 E499	N 1/2 only		59	71	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	866
II	6BC		TU	N518 E499	N 1/2 only		68	82	10YR 4/3 brown	loamy sand	Feature		3, Stratum II	862
II	6BC		TU	N518 E499			61	71	10YR 4/3 brown mottled with 10YR 6/4 light yellowish brown	loamy sand	Feature		3, Stratum III	NCM
II	6BC		TU	N518 E499			82	100	10YR 4/3 brown mottled with 10YR 5/6 yellowish brown	loamy sand	Feature		3A	865
II	6BC		TU	N519 E497	I	1	68	81	10YR 4/4 dark yellowish brown	loamy sand	fill			802
II	6BC		TU	N519 E497	II	1	81	90	10YR 4/3 brown	loamy sand	Ap			803
II	6BC		TU	N519 E497	III	1	109	115	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E497	III	2	115	127	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E497	III	3	127	137	10YR 5/6 yellowish brown	loamy sand	E/B			NCM
II	6BC		TU	N519 E497			90	99	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	missing bag
II	6BC		TU	N519 E497			90	112	10YR 4/3 brown mottled with 10YR 6/4 light yellowish brown	loamy sand	Feature		3, Stratum III	863
II	6BC		TU	N519 E497			85	127	10YR 5/4 yellowish brown	loamy sand	Feature		3B	867
II	6BC		TU	N519 E498	I	1	52	64	10YR 4/4 dark yellowish brown	loamy sand	fill			766
II	6BC		TU	N519 E498	II	1	64	71	10YR 4/3 brown	loamy sand	Ap			767
II	6BC		TU	N519 E498	III	1	92	100	10YR 5/6 yellowish brown	loamy sand	E			872
II	6BC		TU	N519 E498	III	2	100	110	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E498	III	3	110	120	10YR 5/6 yellowish brown	loamy sand	E/B			NCM
II	6BC		TU	N519 E498		NE 1/4 only	57	67	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	804
II	6BC		TU	N519 E498		NE 1/4 only	67	77	10YR 4/3 brown	loamy sand	Feature		3, Stratum II	805
II	6BC		TU	N519 E498		SW 1/4 only	67	82	10YR 4/3 brown mottled with 10YR 6/4 light yellowish brown	loamy sand	Feature		3, Stratum III	NCM
IIB	6BC		TU	N519 E499	I	1	22	40	10YR 4/4 dark yellowish brown	loamy sand	fill			663
IIB	6BC		TU	N519 E499	II	1	40	52	10YR 4/3 brown	loamy sand	Ap			664
IIB	6BC		TU	N519 E499	II	2	52	64	10YR 4/3 brown	loamy sand	Ap			665
II	6BC		TU	N519 E499	III	1	64	74	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E499	III	2	74	84	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E499	III	3	84	95	10YR 5/6 yellowish brown	loamy sand	E			NCM
II	6BC		TU	N519 E499	III	4	95	103	10YR 5/6 yellowish brown	loamy sand	E/B			NCM
II	6BC		TU	N519 E499			56	66	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	768
II	6BC		TU	N519 E499			66	76	10YR 4/3 brown	loamy sand	Feature		3, Stratum II	769
II	6BC		TU	N519 E499			82	96	10YR 4/3 brown mottled with 10YR 5/6 yellowish brown	loamy sand	Feature		3A	770

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	6BC		TU	N519 E500	I	1	21	36	10YR 4/4 dark yellowish brown	loamy sand	fill			666
IB	6BC		TU	N519 E500	II	1	36	48	10YR 4/3 brown	loamy sand	Ap			667
IB	6BC		TU	N519 E500	II	2	48	62	10YR 4/3 brown	loamy sand	Ap			668
II	6BC		TU	N519 E500	III	1	62	72	10YR 5/6 yellowish brown	loamy sand	E			771
II	6BC		TU	N519 E500	III	2	72	84	10YR 5/6 yellowish brown	loamy sand	E			772
II	6BC		TU	N519 E500	III	3	84	95	10YR 5/6 yellowish brown	loamy sand	E			873
II	6BC		TU	N519 E500	III	4	95	103	10YR 5/6 yellowish brown	loamy sand	E/B			NCM
II	6BC		TU	N519 E500			49	60	10YR 4/3 brown mottled with 2.5Y 6/4 light yellowish brown w/ decayed mortar and gravel	loamy sand	Feature	30%	3, Stratum I	773
II	6BC		TU	N519 E500			60	65	10YR 4/3 brown	loamy sand	Feature		3, Stratum II	774
IB	6		STP	N520 E500	I		0	20	10YR 3/3 dark brown	sandy loam	fill			561
IB	6		STP	N520 E500	II		20	37	10YR 4/6 dark yellowish brown	loamy sand	Ap			562
IB	6		STP	N520 E500	III		37	86	10YR 5/8 yellowish brown	loamy sand	Feature		3/3A	563
IB	6		STP	N520 E500	IV		86	93	10YR 5/8 yellowish brown	loamy sand	B	25%		NCM
IB	6		STP	N520 E520	I		0	30	10YR 4/3 brown	loamy sand	Ap			NCM
IB	6		STP	N520 E520	II		30	52	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	6		STP	N520 E520	III		52	60	10YR 5/8 yellowish brown	loamy sand	B	25%		NCM
IB	6		STP	N520 E520	IV		60	65	10YR 6/6 brownish yellow	coarse sand	B2			NCM
IB	6		STP	N520 E540	I		0	25	10YR 4/3 brown	loamy sand	Ap			564
IB	6		STP	N520 E540	II		25	40	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	6		STP	N520 E560	I		0	32	10YR 4/3 brown	sandy loam	Ap			565
IB	6		STP	N520 E560	II		32	58	10YR 5/6 yellowish brown	silt loam	E			NCM
IB	6		STP	N520 E560	III		58	65	10YR 5/8 yellowish brown	silt loam	B	25%		NCM
IB	6		TU	N520 E579	I	1	10	33	10YR 4/3 brown	loamy sand	Ap			669
IB	6		TU	N520 E579	II	1	33	43	10YR 3/2 very dark grayish brown	silt loam	Feature		6, Trench 2	670
IB	6		TU	N520 E579	II	2	43	51	10YR 3/2 very dark grayish brown	silt loam	Feature		6, Trench 2	671
IB	6		TU	N520 E579	III	1	51	61	10YR 6/6 brownish yellow mottled with 7.5YR 5/6 strong brown	sandy loam	B			672
IB	6		TU	N520 E579	III	2	61	71	10YR 6/6 brownish yellow mottled with 7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	6		TU	N520 E579	IV	1	71	81	10YR 5/6 yellowish brown mottled with 7.5YR 5/6 strong brown	sandy loam	B2			NCM
IB	6		TU	N520 E579	IV	2 (SE corner)	81	91	10YR 5/6 yellowish brown mottled with 7.5YR 5/6 strong brown	sandy loam	B2			NCM
IB	6		TU	N520 E579	IV	3 (SE corner)	91	105	10YR 5/6 yellowish brown mottled with 7.5YR 5/6 strong brown	sandy loam	B2			NCM
IB	6		STP	N520 E580	I		0	25	10YR 4/4 dark yellowish brown	sandy loam	Ap			654
IB	6		STP	N520 E580	II		25	43	10YR 2/2 very dark brown	sandy loam	Feature		6, Trench 2	655
IB	6		STP	N520 E580	III		43	60	10YR 5/3 brown	sandy loam	B	40%		NCM
IB	6		TU	N529 E550	I	1	10	39	10YR 4/3 brown	sandy loam	Ap			673
IB	6		TU	N529 E550	II	1	39	48	10YR 5/6 yellowish brown	sandy loam	E			674
IB	6		TU	N529 E550	II	2	48	56	10YR 5/6 yellowish brown	sandy loam	E			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	6		STP	N530 E510	I		0	13	10YR 3/3 dark brown	sandy loam	Ap			NCM
IB	6		STP	N530 E510	II		13	32	10YR 4/3 brown	sandy loam	Ap2			566
IB	6		STP	N530 E510	III		32	52	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	6		STP	N530 E530	I		0	30	10YR 4/3 brown	loamy sand	Ap			567
IB	6		STP	N530 E530	II		30	41	10YR 5/6 yellowish brown	loamy sand	B			NCM
IB	6		STP	N530 E530	III		41	54	10YR 5/6 yellowish brown	loamy sand w/ lamellae	B			NCM
IB	6		STP	N530 E550	I		0	30	10YR 4/3 brown	loamy sand	Ap			568
IB	6		STP	N530 E550	II		30	55	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	6		STP	N530 E550	II		30	50	rodent disturbance; 10YR 4/4 dark yellowish brown	loamy sand	Rodent		2	NCM
IB	6		STP	N530 E570	I		0	30	10YR 4/3 brown	sandy loam	Ap			651
IB	6		STP	N530 E570	II		30	50	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	6		STP	N530 E570	III		50	55	10YR 5/8 yellowish brown sandy loam	sandy loam	B			NCM
IB	6		STP	N540 E540	I		0	32	10YR 4/3 brown	loamy sand	Ap			571
IB	6		STP	N540 E540	II		32	40	10YR 5/6 yellowish brown	loamy sand	E	50%		NCM
IB	6		STP	N540 E540	III		40	45	10YR 5/8 yellowish brown	loamy sand	B	50%		NCM
IB	6		STP	N540 E560	I		0	39	10YR 4/3 brown	loamy sand	Ap			572
IB	6		STP	N540 E560	II		39	51	10YR 5/6 yellowish brown	loamy sand w/ lamellae	B			NCM
IB	7		STP	N530 E630	I		0	34	10YR 4/3 brown	loamy sand	Ap			569
IB	7		STP	N530 E630	II		34	40	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N530 E630	III		40	48	10YR 5/8 yellowish brown	sandy loam	B	40%		NCM
IB	7		STP	N540 E620	I		0	38	10YR 4/4 dark yellowish brown	sandy loam	Ap			570
IB	7		STP	N540 E620	II		38	48	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N550 E600	I		0	39	2.5Y 4/3 olive brown	sandy loam	Ap			661
IB	7		STP	N550 E600	II		39	55	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N550 E610	I		0	35	10YR 4/3 brown	loamy sand	Ap			573
IB	7		STP	N550 E610	II		35	50	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	7		STP	N560 E500	I		0	23	10YR 2/2 very dark brown	silt loam	Fill			NCM
IB	7		STP	N560 E500	II		23	40	10YR 7/3 very pale brown mottled with 10YR 2/1 black and 10YR 5/6 yellowish brown	sandy loam	Fill			NCM
IB	7		STP	N560 E500	III		40	72	2.5Y 5/3 light olive brown mottled with 10YR 5/6 yellowish brown	sandy loam	Fill			NCM
IB	7		STP	N560 E500	IV		72	85	2.5Y 5/3 light olive brown	sandy loam	E			NCM
IB	7		STP	N560 E500	V		85	101	10YR 5/4 yellowish brown	sandy clay	B			NCM
IB	7		STP	N560 E580	I		0	28	10YR 4/3 brown	loamy sand	Ap			575
IB	7		STP	N560 E580	II		28	32	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	7		STP	N560 E580	III		32	38	10YR 5/6 yellowish brown	sandy loam	B	25%		NCM
IB	7		STP	N560 E590	I		0	34	2.5Y 4/3 olive brown	sandy loam	Ap			656
IB	7		STP	N560 E590	II		34	51	10YR 5/4 yellowish brown	sandy loam	E			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
II	7PR		TU	N560 E594	I	1	18	49	10YR 4/4 dark yellowish brown	loamy sand	Ap			752
II	7PR		TU	N560 E594	II	1	49	59	10YR 5/4 yellowish brown	silty sand	E			NCM
II	7PR		TU	N560 E594	III	1	59	70	7.5YR 4/6 strong brown	silt loam	B			NCM
IB	7		STP	N560 E600	I		0	40	10YR 4/3 brown	loamy sand	Ap			576
IB	7		STP	N560 E600	II		40	50	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N560 E610	I		0	44	2.5Y 4/3 olive brown	sandy loam	Ap			657
IB	7		STP	N560 E610	II		44	63	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N560 E620	I		0	39	10YR 4/4 dark yellowish brown	sandy loam	Ap			574
IB	7		STP	N560 E620	II		39	52	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N570 E510	I		0	30	10YR 4/3 brown	loamy sand	Ap			578
IB	7		STP	N570 E510	II		30	40	10YR 5/4 yellowish brown	loamy sand	E			NCM
IB	7		STP	N570 E510	III		40	55	10YR 5/6 yellowish brown	coarse sand	B	25%		NCM
IB	7		STP	N570 E530	I		0	33	10YR 4/4 dark yellowish brown	sandy loam	Ap			579
IB	7		STP	N570 E530	II		33	45	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	7		STP	N570 E550	I		0	31	10YR 4/4 dark yellowish brown	sandy loam	Ap			580
IB	7		STP	N570 E550	II		31	38	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N570 E550	III		38	40	7.5YR 4/6 strong brown	sandy loam	B			NCM
IB	7		STP	N570 E570	I		0	36	2.5Y 4/3 olive brown	sandy loam	Ap			581
IB	7		STP	N570 E570	II		36	49	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N570 E590	I		0	31	2.5Y 4/3 olive brown	sandy loam	Ap			582
IB	7		STP	N570 E590	II		31	42	10YR 5/4 yellowish brown	sandy loam	E			NCM
II	7PR		TU	N570 E600	I	1	20	45	10YR 4/3 brown	loamy clay	Ap	20%		724
II	7PR		TU	N570 E600	II	1	45	56	10YR 5/4 yellowish brown	loamy clay	E	30%		NCM
II	7PR		TU	N570 E600	III	1	56	66	7.5YR 5/6 strong brown	sandy clay	B	30%		NCM
IB	7		STP	N570 E610	I		0	41	2.5Y 4/3 olive brown	sandy loam	Ap			583
IB	7		STP	N570 E610	II		41	53	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N580 E500	I		0	19	10YR 2/2 very dark brown	silt loam	Fill			584
IB	7		STP	N580 E500	II		19	40	10YR 5/6 yellowish brown mottled with 10YR 2/1 black and 10YR 7/3 very pale brown	sandy loam	Fill			NCM
IB	7		STP	N580 E500	III		40	60	2.5Y 7/3 light olive brown mottled with 10YR 5/6 yellowish brown	sandy loam	Fill			NCM
IB	7		STP	N580 E500	IV		60	81	10YR 3/3 dark brown	sandy loam	Ap			NCM
IB	7		STP	N580 E500	V		81	98	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	7		STP	N580 E520	I		0	35	10YR 4/3 brown	sandy loam	Ap			585
IB	7		STP	N580 E520	II		35	45	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N580 E540	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			586
IB	7		STP	N580 E540	II		30	40	7.5YR 5/6 strong brown	loam	B			NCM
IB	7		STP	N580 E560	I		0	35	2.5Y 4/4 olive brown	sandy loam	Ap			587
IB	7		STP	N580 E560	II		35	48	10YR 4/6 dark yellowish brown	sandy loam	E			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	7		STP	N580 E580	I		0	33	10YR 4/4 dark yellowish brown	sandy loam	Ap			588
IB	7		STP	N580 E580	II		33	44	10YR 5/6 yellowish brown	loamy sand	E	40%		589
IB	7		STP	N580 E580	III		44	70	10YR 5/6 yellowish brown	loamy sand	E	50%		NCM
IB	7		STP	N580 E580	IV		70	75	10YR 5/8 yellowish brown	sandy loam	B	50%		NCM
IB	7		STP	N580 E590	I		0	27	2.5Y 4/3 olive brown	sandy loam	Ap			658
IB	7		STP	N580 E590	II		27	42	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	7		STP	N580 E600	I		0	42	10YR 4/3 brown	sandy loam	Ap			590
IB	7		STP	N580 E600	II		42	53	10YR 5/8 yellowish brown	sandy clay	B			NCM
IB	7		STP	N580 E610	I		0	32	2.5Y 4/3 olive brown	sandy loam	Ap			659
IB	7		STP	N580 E610	II		32	39	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N580 E610	III		39	49	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		TU	N583 E600	I		10	48	10YR 4/3 brown	sandy loam	Ap			675
IB	7		TU	N583 E600	II	1	48	58	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		TU	N583 E600	II	2	58	62	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		TU	N583 E600	III	1	62	69	10YR 5/8 yellowish brown	sandy loam	B	20%		NCM
IB	7		TU	N583 E600	IV	1 (NW corner)	56	60	7.5YR 5/6 strong brown	coarse sand	B2	40%		NCM
II	7PR		TU	N585 E599	I	1	20	55	10YR 4/3 brown	sandy loam	Ap	<5%		753
II	7PR		TU	N585 E599	II	1	55	65	10YR 5/6 yellowish brown	sandy loam	E	5%		754
II	7PR		TU	N585 E599	II	2	65	73	10YR 5/6 yellowish brown	sandy loam	E	5%		755
II	7PR		TU	N585 E599	III	2	73	88	7.5YR 5/6 strong brown	loamy sand	B	5%		NCM
IB	7		STP	N590 E510	I		0	20	10YR 2/2 very dark brown	silt loam	Fill			NCM
IB	7		STP	N590 E510	II		20	41	10YR 4/3 brown mottled with 10YR 6/8 brownish yellow and 10YR 2/1 black	silt loam	Fill			NCM
IB	7		STP	N590 E510	III		41	56	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N590 E510	IV		56	74	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N590 E530	I		0	33	10YR 4/4 dark yellowish brown	silt loam	Ap			591
IB	7		STP	N590 E530	II		33	45	7.5YR 5/6 strong brown	loam	B			NCM
IB	7		STP	N590 E550	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			592
IB	7		STP	N590 E550	II		30	40	7.5YR 5/6 strong brown	loam	B			NCM
IB	7		STP	N590 E570	I		0	32	10YR 4/3 brown	loam	Ap			593
IB	7		STP	N590 E570	II		32	38	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N590 E570	III		38	45	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N590 E580	I		0	44	2.5Y 4/3 olive brown	sandy loam	Ap			660
IB	7		STP	N590 E580	II		44	55	10YR 5/3 brown	sand	B			NCM
IB	7		STP	N590 E590	I		0	42	10YR 4/4 dark yellowish brown	loamy sand	Ap			594
IB	7		STP	N590 E590	II		42	60	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N590 E590	III		60	65	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N590 E600	I		0	27	2.5Y 4/3 olive brown	sandy loam	Ap			662
IB	7		STP	N590 E600	II		27	42	10YR 5/4 yellowish brown	sandy loam	E			NCM
II	7PR		TU	N592 E599	I	1	20	47	10YR 4/3 brown	loamy clay	Ap	5-10%		725
II	7PR		TU	N592 E599	II	1	47	57	10YR 5/6 yellowish brown	silty clay	E	<5%		NCM
II	7PR		TU	N592 E599	II	2	57	65	10YR 5/6 yellowish brown	silty clay	E	<5%		NCM
II	7PR		TU	N592 E599	III	1	65	75	7.5YR 4/6 strong brown	silty clay	B	<5%		NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	7		STP	N600 E500	I		0	19	10YR 2/2 very dark brown	silt loam	Fill			596
IB	7		STP	N600 E500	II		19	35	10YR 5/8 yellowish brown mottled with 10YR 2/1 black	sand	Fill			NCM
IB	7		STP	N600 E500	III		35	51	10YR 5/3 brown	sandy loam	Fill			NCM
IB	7		STP	N600 E500	IV		51	57	10YR 2/1 black	sand	Fill			NCM
IB	7		STP	N600 E500	V		57	75	10YR 3/3 dark brown	sandy loam	Ap			NCM
IB	7		STP	N600 E500	VI		75	90	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	7		STP	N600 E520	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			597
IB	7		STP	N600 E520	II		30	40	7.5YR 5/6 strong brown	clay loam	B			NCM
IB	7		STP	N600 E540	I		0	25	10YR 4/4 dark yellowish brown	sandy loam	Ap			598
IB	7		STP	N600 E540	II		25	40	7.5YR 5/6 strong brown	loam	B			NCM
IB	7		STP	N600 E560	I		0	32	10YR 4/3 Brown	sandy loam	Ap			599
IB	7		STP	N600 E560	II		32	42	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N600 E560	III		42	47	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N600 E580	I		0	35	10YR 4/3 brown	sandy loam	Ap			600
IB	7		STP	N600 E580	II		35	40	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N600 E580	III		40	45	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N600 E590	I		0	30	2.5Y 4/3 olive brown	sandy loam	Ap			NCM
IB	7		STP	N600 E590	II		30	44	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N600 E600	I		0	37	10YR 4/3 brown	sandy loam	Ap			601
IB	7		STP	N600 E600	II		37	47	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N600 E600	III		47	53	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N610 E510	I		0	49	10YR 5/8 yellowish brown mottled with 10YR 4/3 brown and 10YR 2/1 black	sandy loam	Fill			604
IB	7		STP	N610 E510	II		49	80	10YR 4/4 dark yellowish brown	sandy loam	Ap			NCM
IB	7		STP	N610 E510	III		80	93	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N610 E530	I		0	35	10YR 4/4 dark yellowish brown	loamy sand	Ap			605
IB	7		STP	N610 E530	II		35	46	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N610 E530	III		46	54	7.5YR 5/6 strong brown	loam	B			NCM
IB	7		STP	N610 E550	I		0	27	10YR 4/4 dark yellowish brown	loamy sand	Ap			NCM
IB	7		STP	N610 E550	II		27	37	7.5YR 5/6 strong brown	clay loam	B			NCM
IB	7		STP	N610 E570	I		0	34	2.5Y 4/4 olive brown	sandy loam	Ap			606
IB	7		STP	N610 E570	II		34	50	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	7		STP	N610 E590	I		0	40	10YR 4/3 brown	sandy loam	Ap			607
IB	7		STP	N610 E590	II		40	52	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N610 E590	III		52	64	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N620 E500	I		0	10	10YR 3/3 dark brown	sandy loam	Fill			NCM
IB	7		STP	N620 E500	II		10	63	10YR 5/8 yellowish brown mottled with 10YR 4/3 brown and 10YR 2/1 black	sandy loam	Fill			NCM
IB	7		STP	N620 E500	III		63	84	10YR 4/4 dark yellowish brown	sandy loam	Ap			608
IB	7		STP	N620 E500	IV		84	102	10YR 6/3 pale brown	sand	B			NCM
IB	7		STP	N620 E520	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			609
IB	7		STP	N620 E520	II		30	40	7.5YR 5/6 strong brown	clay loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	7		STP	N620 E540	I		0	30	10YR 4/4 dark yellowish brown	loamy sand	Ap			610
IB	7		STP	N620 E540	II		30	42	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	7		STP	N620 E560	I		0	38	2.5Y 4/4 olive brown	sandy loam	Ap			611
IB	7		STP	N620 E560	II		38	54	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	7		STP	N620 E580	I		0	38	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N620 E580	II		38	48	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	7		STP	N630 E510	I		0	12	10YR 3/3 dark brown	sandy loam	Fill			NCM
IB	7		STP	N630 E510	II		12	53	10YR 5/8 yellowish brown mottled with 10YR 4/3 brown and 10YR 2/1 black	sandy loam	Fill			613
IB	7		STP	N630 E510	III		53	75	10YR 4/4 dark yellowish brown	sandy loam	Ap			612
IB	7		STP	N630 E510	IV		75	100	10YR 6/3 pale brown	sand	B			NCM
IB	7		STP	N630 E530	I		0	35	10YR 4/4 dark yellowish brown	sandy loam	Ap			614
IB	7		STP	N630 E530	II		35	45	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N630 E550	I		0	40	10YR 4/4 dark yellowish brown	sandy loam	Ap			615
IB	7		STP	N630 E550	II		40	50	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N630 E570	I		0	32	10YR 4/6 dark yellowish brown	sandy loam	Ap			NCM
IB	7		STP	N630 E570	II		32	45	7.5YR 5/8 strong brown	sandy clay	B			NCM
IB	7		STP	N640 E500	I		0	11	10YR 4/4 dark yellowish brown	sandy loam	Fill			NCM
IB	7		STP	N640 E500	II		11	40	10YR 5/8 yellowish brown mottled with 10YR 7/3 very pale brown	sandy loam	Fill			NCM
IB	7		STP	N640 E500	III		40	72	10YR 4/4 dark yellowish brown	sandy loam	Ap			618
IB	7		STP	N640 E500	IV		72	83	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	7		STP	N640 E520	I		0	27	10YR 4/4 dark yellowish brown	sandy loam	Ap			619
IB	7		STP	N640 E520	II		27	40	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N640 E540	I		0	35	10YR 4/4 dark yellowish brown	sandy loam	Ap			620
IB	7		STP	N640 E540	II		35	48	10YR 5/8 yellowish brown	clay loam	B			NCM
IB	7		STP	N640 E560	I		0	35	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N640 E560	II		35	48	10YR 5/6 yellowish brown	sandy clay	B	30%		NCM
IB	7		STP	N650 E510	I		0	25	10YR 4/4 dark yellowish brown	sandy loam	Ap			622
IB	7		STP	N650 E510	II		25	36	10YR 5/3 brown	sandy loam	Apb			NCM
IB	7		STP	N650 E510	III		36	50	10YR 5/6 yellowish brown	clay loam	B			NCM
IB	7		STP	N650 E530	I		0	32	2.5Y 4/4 olive brown	sandy loam	Ap			623
IB	7		STP	N650 E530	II		32	50	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N650 E550	I		0	38	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N650 E550	II		38	48	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N650 E550	III		48	60	10YR 5/6 yellowish brown	sandy loam	B	40%		NCM
IB	7		STP	N650 E570	I		0	25	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	7		STP	N650 E570	II		25	40	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	7		STP	N660 E500	I		0	22	10YR 5/4 yellowish brown	loamy sand	E			627
IB	7		STP	N660 E500	II		22	42	10YR 6/6 brownish yellow	sandy loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	7		STP	N660 E520	I		0	29	2.5Y 4/4 olive brown	sandy loam	Ap			628
IB	7		STP	N660 E520	II		29	45	10YR 4/6 dark yellowish brown	sandy clay	B			NCM
IB	7		STP	N660 E540	I		0	33	10YR 4/3 brown	sandy loam	Ap			629
IB	7		STP	N660 E540	II		33	38	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N660 E540	III		38	45	10YR 5/6 yellowish brown	sandy loam	B	40%		NCM
IB	7		STP	N660 E560	I		0	29	2.5Y 4/4 olive brown	sandy loam	Ap			630
IB	7		STP	N660 E560	II		29	44	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	7		STP	N670 E490	I		0	18	2.5Y 6/3 light yellowish brown	coarse sand	Fill			NCM
IB	7		STP	N670 E490	II		18	49	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	7		STP	N670 E490	III		49	63	2.5Y 4/3 olive brown	silt loam	E			NCM
IB	7		STP	N670 E510	I		0	33	2.5Y 4/4 olive brown	sandy loam	Ap			632
IB	7		STP	N670 E510	II		33	43	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N670 E510	III		43	55	10YR 4/6 dark yellowish brown	sandy loam	B			NCM
IB	7		STP	N670 E530	I		0	30	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N670 E530	II		30	37	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N670 E530	III		37	47	10YR 5/6 yellowish brown	sandy clay	B	30%		NCM
IB	7		STP	N670 E550	I		0	32	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N670 E550	II		32	46	10YR 5/4 yellowish brown	sandy loam	E			NCM
IB	7		STP	N670 E550	III		46	53	10YR 5/6 yellowish brown	sandy loam	B	40%		NCM
IB	7		STP	N680 E480	I		0	20	10YR 5/3 brown	sandy loam	Fill			636
IB	7		STP	N680 E480	II		20	49	2.5Y 6/3 light yellowish brown	sand	Fill			NCM
IB	7		STP	N680 E480	III		49	63	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	7		STP	N680 E480	IV		63	73	2.5Y 4/3 olive brown	sandy loam	E			NCM
IB	7		STP	N680 E500	I		0	10	10YR 5/3 brown	sand	Fill			637
IB	7		STP	N680 E500	II		10	14	2.5Y 6/3 light yellowish brown	sand	Fill			NCM
IB	7		STP	N680 E500	III		14	16	10YR 3/1 very dark grey	sand	Fill			NCM
IB	7		STP	N680 E500	IV		16	54	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	7		STP	N680 E500	V		54	69	2.5Y 6/3 light yellowish brown	coarse sand	B			NCM
IB	7		STP	N680 E520	I		0	32	10YR 4/3 brown	sandy loam	Ap			NCM
IB	7		STP	N680 E520	II		32	42	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	7		STP	N680 E520	III		42	50	10YR 5/6 yellowish brown	sandy clay	B	30%		NCM
IB	7		STP	N690 E490	I		0	15	10YR 4/3 brown	loamy sand	Ap			638
IB	7		STP	N690 E490	II		15	55	2.5Y 5/3 light olive brown	loamy sand	B			NCM
IB	7		STP	N690 E490	III		55	65	10YR 5/1 gray	loamy sand	B			NCM
IB	7		STP	N690 E510	I		0	60	2.5Y 4/4 olive brown	sandy loam	Ap			639
IB	7		STP	N690 E510	II		60	71	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	7		STP	N700 E480	I		0	50	2.5Y 5/3 light olive brown	loamy sand	E			NCM
IB	7		STP	N700 E480	II		50	60	2.5Y 5/6 light olive brown	loamy sand	B	30%		NCM
IB	7		STP	N700 E500	I		0	12	10YR 4/3 brown	loamy sand	Ap			NCM
IB	7		STP	N700 E500	II		12	40	2.5Y 5/3 light olive brown	loamy sand	E	30%		NCM
IB	7		STP	N700 E500	II		40	52	2.5Y 6/3 light yellowish brown	clay loam	B	30%		NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	8		STP	N570 E450	I		0	16	10YR 6/3 pale brown	sand	Fill			NCM
IB	8		STP	N570 E450	II		16	34	10YR 5/8 yellowish brown mottled with 10YR 7/2 light gray and 10YR 4/3 brown	sand	Fill			NCM
IB	8		STP	N570 E450	III		34	40	2.5Y 4/3 olive brown	sandy loam	Ap			NCM
IB	8		STP	N570 E450	IV		40	58	2.5Y 5/3 light olive brown	sandy loam	E			NCM
IB	8		STP	N580 E440	I		0	40	10YR 3/3 dark brown mottled with 10YR 6/6 brownish yellow	loamy sand	Fill			NCM
IB	8		STP	N580 E440	II		40	65	2.5Y 4/3 olive brown	silt loam	Ap			NCM
IB	8		STP	N580 E440	III		65	75	2.5Y 6/4 light yellowish brown	silt loam	E			NCM
IB	8		STP	N590 E430	I		0	22	10YR 3/3 dark brown	loamy sand	Fill			NCM
IB	8		STP	N590 E430	II		22	27	10YR 7/4 very pale brown	loamy sand	Fill			NCM
IB	8		STP	N590 E430	III		27	44	10YR 3/3 dark brown	sandy loam	Fill			577
IB	8		STP	N590 E430	IV		44	68	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N590 E430	V		68	78	10YR 6/3 pale brown	loamy sand	B			NCM
IB	8		STP	N590 E450	I		0	36	10YR 4/3 brown	loamy sand	Ap			NCM
IB	8		STP	N590 E450	II		36	63	10YR 5/8 yellowish brown mottled with 10YR 6/3 pale brown	loamy sand	B			NCM
IB	8		STP	N600 E440	I		0	20	10YR 4/3 brown	loam	Fill			595
IB	8		STP	N600 E440	II		20	70	10YR 4/3 brown mottled with 10YR 2/2 very dark brown and 10YR 7/6 yellow	loamy sand	Fill			NCM
IB	8		STP	N600 E440	III		70	90	10YR 5/4 yellowish brown	loamy sand	E			NCM
IB	8		STP	N600 E440	IV		90	100	10YR 5/3 brown	loamy sand	B			NCM
IB	8		STP	N610 E430	I		0	25	10YR 4/3 brown	loam	Fill			NCM
IB	8		STP	N610 E430	II		25	94	10YR 4/3 brown mottled with 10YR 2/2 very dark brown and 10YR 7/6 yellow	loamy sand	Fill			602
IB	8		STP	N610 E430	III		94	110	10YR 4/3 brown	loamy sand	Ap			NCM
IB	8		STP	N610 E450	I		0	32	10YR 3/3 dark brown	sandy loam	Fill			NCM
IB	8		STP	N610 E450	II		32	44	10YR 3/2 very dark grayish brown	silt loam	Fill			603
IB	8		STP	N610 E450	III		44	52	2.5Y 4/4 olive brown	sandy loam	Fill			NCM
IB	8		STP	N610 E450	IV		52	70	2.5Y 4/2 dark grayish brown	sandy loam	Fill			NCM
IB	8		STP	N610 E450	V		70	97	2.5Y 5/4 light olive brown	sand	Fill			NCM
IB	8		STP	N620 E440	I		0	20	10YR 4/3 brown	loam	Fill			NCM
IB	8		STP	N620 E440	II		20	50	10YR 6/2 light brownish gray mottled with 10YR 5/6 yellowish brown	sandy clay	Fill			NCM
IB	8		STP	N620 E440	III		50	80	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N620 E440	IV		80	90	10YR 6/2 light brownish gray	loamy sand	B			NCM
IB	8		STP	N630 E430	I		0	56	10YR 4/4 dark yellowish brown	loamy sand	Fill			NCM
IB	8		STP	N630 E430	II		56	70	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N630 E450	I		0	40	2.5Y 4/4 olive brown	loamy sand	Ap			NCM
IB	8		STP	N630 E450	II		40	53	2.5Y 5/3 light olive brown mottled with 2.5Y 5/6 light olive brown	sandy clay	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	8		STP	N640 E400	I		0	19	10YR 3/3 dark brown	silt loam	Ap			NCM
IB	8		STP	N640 E400	II		19	37	2.5Y 5/3 light olive brown	silt loam	E			NCM
IB	8		STP	N640 E400	III		37	60	2.5Y 5/4 light olive brown	silt loam	B			NCM
IB	8		STP	N640 E420	I		0	35	10YR 5/4 yellowish brown	loamy sand	Ap			616
IB	8		STP	N640 E420	II		35	50	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	8		STP	N640 E440	I		0	30	10YR 5/4 yellowish brown	loamy sand	Ap			617
IB	8		STP	N640 E440	II		30	40	10YR 6/3 pale brown	loamy sand	B			NCM
IB	8		STP	N650 E410	I		0	29	10YR 5/4 yellowish brown	loamy sand	Ap			621
IB	8		STP	N650 E410	II		29	40	7.5YR 5/6 strong brown	silt loam	B			NCM
IB	8		STP	N650 E430	I		0	22	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N650 E430	II		22	34	7.5YR 5/6 strong brown	silt loam	B			NCM
IB	8		STP	N650 E450	I		0	39	2.5Y 4/4 olive brown	loamy sand	Ap			NCM
IB	8		STP	N650 E450	II		39	67	2.5Y 5/3 light olive brown mottled with 2.5Y 5/6 light olive brown	sandy clay	B			NCM
IB	8		STP	N660 E400	I		0	30	10YR 4/4 dark yellowish brown	sandy loam	Ap			624
IB	8		STP	N660 E400	II		30	50	10YR 5/6 yellowish brown	sandy loam	E	30%		NCM
IB	8		STP	N660 E400	III		50	61	7.5YR 5/6 strong brown	sandy loam	B	30%		NCM
IB	8		STP	N660 E420	I		0	32	10YR 5/4 yellowish brown	loamy sand	Ap			625
IB	8		STP	N660 E420	II		32	44	7.5YR 5/6 strong brown	silt loam	B			NCM
IB	8		STP	N660 E440	I		0	27	2.5Y 4/4 olive brown	loamy sand	Ap			NCM
IB	8		STP	N660 E440	II		27	40	10YR 4/6 dark yellowish brown	sandy loam	E			NCM
IB	8		STP	N660 E460	I		0	63	10YR 4/3 brown mottled with 10YR 6/3 pale brown	loamy sand	Fill			626
IB	8		STP	N660 E460	II		63	75	10YR 5/8 yellowish brown	loamy sand	B			NCM
IB	8		STP	N660 E460	III		75	89	10YR 4/2 dark grayish brown	sand	B			NCM
IB	8		STP	N670 E390	I		0	35	10YR 4/3 brown	sandy loam	Ap			631
IB	8		STP	N670 E390	II		35	48	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N670 E410	I		0	27	10YR 5/4 yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N670 E410	II		27	40	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	8		STP	N670 E430	I		0	29	10YR 5/4 yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N670 E430	II		29	40	7.5YR 5/8 strong brown	sandy clay	B			NCM
IB	8		STP	N670 E450	I		0	39	10YR 4/3 brown mottled with 10YR 6/3 pale brown	loamy sand	Fill			NCM
IB	8		STP	N670 E450	II		39	59	10YR 5/8 yellowish brown	loamy sand	Fill			NCM
IB	8		STP	N670 E450	III		59	66	10YR 6/3 pale brown	sand	Fill			NCM
IB	8		STP	N670 E450	IV		66	85	10YR 7/3 very pale brown	sand	Fill	50%		NCM
IB	8		STP	N680 E400	I		0	34	2.5Y 4/4 olive brown	sandy clay	Ap			633
IB	8		STP	N680 E400	II		34	46	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	8		STP	N680 E420	I		0	27	2.5Y 4/4 olive brown	clay loam	Ap			634
IB	8		STP	N680 E420	II		27	47	10YR 4/6 dark yellowish brown	sandy clay	E			NCM
IB	8		STP	N680 E440	I		0	35	10YR 5/4 yellowish brown	loamy clay	Ap			NCM
IB	8		STP	N680 E440	II		35	49	10YR 4/6 dark yellowish brown	sandy clay	E			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	8		STP	N680 E460	I		0	39	2.5Y 6/4 light yellowish brown	sandy loam	Fill			635
IB	8		STP	N680 E460	II		39	63	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N680 E460	III		63	75	2.5Y 4/3 olive brown	sandy loam	E			NCM
IB	8		STP	N690 E390	I		0	26	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N690 E390	II		28	34	10YR 6/4 light yellowish brown	sandy loam	E			NCM
IB	8		STP	N690 E390	III		34	40	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	8		STP	N690 E410	I		0	30	10YR 5/4 yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N690 E410	II		30	41	7.5YR 5/6 strong brown	sandy clay	B			NCM
IB	8		STP	N690 E430	I		0	30	10YR 5/4 yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N690 E430	II		30	41	7.5YR 5/8 strong brown	sandy clay	B			NCM
IB	8		STP	N690 E450	I		0	34	10YR 5/3 brown	loamy sand	Ap			NCM
IB	8		STP	N690 E450	II		34	49	10YR 5/3 brown	loamy sand	B	slopewash		
IB	8		STP	N690 E450	III		49	60	10YR 6/4 light yellowish brown	loamy sand	B			NCM
IB	8		STP	N690 E470	I		0	35	10YR 5/3 brown	silt loam	Ap			NCM
IB	8		STP	N690 E470	II		35	65	10YR 5/3 brown	silt loam	B	slopewash		
IB	8		STP	N690 E470	III		65	75	2.5Y 5/2 grayish brown	loamy sand	B			NCM
IB	8		STP	N700 E380	I		0	34	10YR 4/3 brown	sandy loam	Ap			640
IB	8		STP	N700 E380	II		34	45	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N700 E400	I		0	27	10YR 5/4 yellowish brown	clay loam	Ap			641
IB	8		STP	N700 E400	II		27	40	7.5YR 5/6 strong brown	clay loam	B			NCM
IB	8		STP	N700 E420	I		0	30	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N700 E420	II		30	43	10YR 5/6 yellowish brown	loamy sand	B			NCM
IB	8		STP	N700 E440	I		0	30	2.5Y 5/4 light olive brown	loamy sand	Ap	30%		NCM
IB	8		STP	N700 E440	II		30	37	2.5Y 5/6 light olive brown	silt loam	E			NCM
IB	8		STP	N700 E440	III		37	52	2.5Y 7/3 pale yellow	silt loam	B			NCM
IB	8		STP	N700 E460	I		0	30	10YR 5/3 brown	silt loam	Ap			NCM
IB	8		STP	N700 E460	II		30	50	2.5Y 5/2 grayish brown	sandy loam	B			NCM
IB	8		STP	N710 E370	I		0	30	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N710 E370	II		30	48	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N710 E390	I		0	28	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N710 E390	II		28	40	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N710 E410	I		0	25	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N710 E410	II		25	38	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	8		STP	N710 E430	I		0	28	2.5Y 5/4 light olive brown	sandy loam	Ap			642
IB	8		STP	N710 E430	II		28	40	10YR 5/6 yellowish brown mottled with 10YR 6/2 light brownish gray	loamy clay	E/B			NCM
IB	8		STP	N710 E450	I		0	45	2.5Y 4/3 olive brown	loamy sand	Ap	30%		643
IB	8		STP	N710 E450	II		45	65	2.5Y 5/3 light olive brown	sandy loam	E			NCM
IB	8		STP	N710 E470	I		0	22	2.5Y 4/3 olive brown	clay loam	Ap			NCM
IB	8		STP	N710 E470	II		22	35	2.5Y 5/3 light olive brown	loamy sand	E			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	8		STP	N720 E360	I		0	30	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N720 E360	II		30	40	10YR 5/3 brown	sandy loam	B			NCM
IB	8		STP	N720 E360	III		40	51	10YR 5/8 yellowish brown	sandy clay	B			NCM
IB	8		STP	N720 E380	I		0	28	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N720 E380	II		28	40	10YR 5/8 yellowish brown	clay loam	B			NCM
IB	8		STP	N720 E400	I		0	33	10YR 5/4 yellowish brown	loamy sand	Ap			644
IB	8		STP	N720 E400	II		33	48	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	8		STP	N720 E420	I		0	22	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N720 E420	II		22	34	10YR 5/8 yellowish brown	sandy clay	B			NCM
IB	8		STP	N720 E440	I		0	33	2.5Y 5/3 light olive brown	loamy sand	Ap			NCM
IB	8		STP	N720 E440	II		33	46	2.5Y 5/4 light olive brown	sandy clay	E			NCM
IB	8		STP	N720 E460	I		0	24	2.5Y 4/3 olive brown	silt loam	Ap			NCM
IB	8		STP	N720 E460	II		24	35	2.5Y 5/3 light olive brown	loamy sand	E			NCM
IB	8		STP	N730 E350	I		0	35	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N730 E350	II		35	45	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N730 E350	III		45	48	10YR 5/8 yellowish brown	sandy loam	B			NCM
IB	8		STP	N730 E370	I		0	28	2.5Y 4/4 olive brown	sandy loam	Ap			645
IB	8		STP	N730 E370	II		28	37	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	8		STP	N730 E370	III		37	47	10YR 5/8 yellowish brown	sandy clay	B			NCM
IB	8		STP	N730 E390	I		0	30	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N730 E390	II		30	46	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N730 E410	I		0	30	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N730 E410	II		30	42	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N730 E430	I		0	20	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N730 E430	II		20	34	10YR 5/6 yellowish brown	sandy clay	B			NCM
IB	8		STP	N730 E450	I		0	20	2.5Y 4/3 olive brown	silt loam	Ap			NCM
IB	8		STP	N730 E450	II		20	43	2.5Y 5/3 light olive brown	loamy sand	E			NCM
IB	8		STP	N740 E360	I		0	23	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N740 E360	II		23	32	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	8		STP	N740 E360	III		32	43	10YR 5/8 yellowish brown	sandy clay	B			NCM
IB	8		STP	N740 E380	I		0	30	10YR 4/4 dark yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N740 E380	II		30	45	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N740 E400	I		0	28	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N740 E400	II		28	40	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	8		STP	N740 E420	I		0	27	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N740 E420	II		27	37	10YR 5/6 yellowish brown	loamy sand	E			NCM
IB	8		STP	N740 E440	I		0	30	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N740 E440	II		30	35	10YR 6/3 pale brown	sand	B			NCM
IB	8		STP	N740 E440	III		35	52	2.5Y 4/2 dark grayish brown	silt loam	B2			NCM
IB	8		STP	N740 E440	IV		52	64	2.5Y 4/1 dark gray	silt loam	B2			NCM
IB	8		STP	N750 E350	I		0	30	10YR 4/3 brown	sandy loam	Ap			646
IB	8		STP	N750 E350	II		30	40	7.5YR 5/6 strong brown	silt loam	B			NCM

APPENDIX E
SOILS LOG

Phase	Area	Block	STP/TU	Coordinates	Stratum	Level	Depth 1 (cmbs/cmbd)	Depth 2 (cmbs/cmbd)	Munsell	Soil	Horizon	Gravel Content	Feature #	Bag #
IB	8		STP	N750 E370	I		0	35	10YR 4/3 brown	sandy loam	Ap			NCM
IB	8		STP	N750 E370	II		35	46	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N750 E390	I		0	30	10YR 4/3 brown	loamy sand	Ap			NCM
IB	8		STP	N750 E390	II		30	40	7.5YR 5/6 yellowish brown	silt loam	B			NCM
IB	8		STP	N750 E410	I		0	19	10YR 5/4 yellowish brown	loamy sand	Ap			NCM
IB	8		STP	N750 E410	II		19	30	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N760 E340	I		0	30	10YR 4/4 dark yellowish brown	sandy loam	Ap			NCM
IB	8		STP	N760 E340	II		30	45	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N760 E360	I		0	28	2.5Y 4/4 olive brown	sandy loam	Ap			NCM
IB	8		STP	N760 E360	II		28	40	2.5Y 5/4 light olive brown	sandy loam	E			NCM
IB	8		STP	N760 E360	III		40	50	10YR 5/6 yellowish brown	sandy clay	B			NCM
IB	8		STP	N760 E380	I		0	32	10YR 4/3 brown	sandy loam	Ap			647
IB	8		STP	N760 E380	II		32	43	10YR 5/6 yellowish brown	sandy loam	E			NCM
IB	8		STP	N760 E400	I		0	22	10YR 5/3 brown mottled with 7.5YR 5/6 strong brown	loamy sand	Ap			NCM
IB	8		STP	N760 E400	II		22	35	7.5YR 5/6 strong brown	sandy loam	B			NCM
IB	8		STP	N770 E350	I		0	26	10YR 4/3 brown	loamy sand	Ap			648
IB	8		STP	N770 E350	II		26	31	10YR 6/4 light yellowish brown	sandy loam	E			NCM
IB	8		STP	N770 E350	III		31	40	10YR 5/6 yellowish brown	sandy clay	B			NCM
IB	8		STP	N770 E370			not excavated	surface collection	in soy bean field					649
IB	8		STP	N780 E360			not excavated	surface collection	in soy bean field					650
IB	8		STP	N790 E350			not excavated		in soy bean field					NCM