Report of the Skagafjörður Archaeological Settlement Survey 2009:

Coring and Test pit at Jaðar (114)

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Goals

The goal of the work at Jaðar (114) was to identify any areas that may contain early occupations. We expected the early occupations to be around the modern house, since there is no visible farmmound at Jaðar. If any of these earlier occupations were identified, they would be targets for geophysics and further archaeological exploration. We could find no areas that indicated an occupation earlier than 1100 at Jaðar.

Coring

Coring at Jaðar began on 7/1/2009 and went through 7/2/2009. Joanna Curtis, Kathryn Catlin, Ayshe Yeager, Gregory Bailey, Katharine Corwin, Robert Yeager and John Steinberg took the cores. We used a JMC backsaver core with two extensions if necessary. We employed the 18 in long 1.5 in wide JMC large diameter sampling tubes. The sample tube was cleaned between each sample and grass placed in the core hole between samples of the same core hole so as to distinguish loose soil fall from in situ deposits. Core locations were recorded with a sub-meter GPS in Real time. These coordinates were post-processed and those post-processed coordinates are the ones associated with the cores in this report. Tephra layers were recorded along with natural and cultural deposits and any inclusions.

We took 95 cores at Jaðar in 2009 (Figure 1). There were also 16 cores, listed in the table of cores but not displayed in Figures 1 & 2 that were taken as part of our exploration of Glaumbær in 2002. None of these 2002 cores encountered any cultural material. The eastern edge of the coring grid contained bog deposits. In general tephra preservation was fair. Of the 95 cores taken some identifiable tephra was found in 66 of them (69%): 5 with 1776, 15 with 1300, 28 with H1, 9 with 1000 and 22 with the LNL/LNS. Of those cores, three areas with buried cultural material (Figure 2).

We wanted to identify any areas where there was midden under the 1104 tephra layer. In general we use 50 m core spacing, but because if there was an early midden at Jaðar, it might be very small and unobtrusive, we first placed cores 10 m spacing in a series of transects out from the house. Small areas of midden were scattered all over the field and it was difficult to find contiguous areas of midden in cores just a few meters apart. Tephra layers were even less consistent.

We identified 3 distinct areas with midden. South west of the house, in the vegetable garden and identified and excavated expertly by Ísak Róbertsson, was (in hindsight) probably the oldest midden at Jaðar. While we could find no 1300 tephra, this midden was clearly on top of the 1104 tephra layer (but they did not interface). The midden encountered south of the house could not be associated with any tephra layers but was quite shallow and close to the surface. The midden directly east of the modern house was the largest and was close to the septic tank. One core indicated that it was below the 1104, but neighboring cores indicated that it was clearly above the 1104 tephra layer. Again this midden east of the house may be as old as the one southwest of the house. The deepest midden encountered at Jaðar was northeast of the modern farmhouse. Both the 1300 and 1000 tephras were in the neighborhood and at the same depth,

though not in the same cores. We decided that this would be the most likely place for pre 1104 midden that could be dated with tephra.

Test pit

The test pit was excavated on 7/2/2009 by Emily Button, Robert Yeager & Rita Shepard. The location (E 476812.10 N 568484.21 and 11.8 m asl) was determined by the cores as the only deep midden that could not be associated with a tephra layers. This was northeast of the farmhouse and directly west of the garage. The actual midden was surprisingly small and compact given that four cores had identified it (Figure 3). The actual ash deposit was bright red and heterogeneous (Figure 5). Unfortunately there were no tephra layers associated with the midden deposit. The midden deposit appears to be so deep because it may have been put into a previously dug hole.

Floatation

Samples for flotation from context 103 were taken. Whenever possible, samples were taken during excavation. Several samples from Jaðar were taken from the sidewalls and precautions were taken never to contaminate samples. The multiple samples from context 103 were floated and analyzed separately.

From context 103 (samples 2 & 5) several wild charred poaceae seeds were AMS dated. The samples (77366 & 77367) were run by Brian Damiata at the W. M. Keck Carbon Cycle Accelerator Mass Spectrometry Laboratory at the University of California, Irvine. The dates came back at 200 ± 15 & 190 ± 15 radiocarbon years before present. No modern (post 1945) radiation was incorporated into these samples. Calibrated this comes out to 1656-1683 AD (23.4%) 1738 - 1751 AD (2.7%) 1762 - 1803 AD (44.4%) 1937 - 1955 AD (24.9%) and 1661-1684 AD (21.6%) 1736 - 1805 AD (50.8%) 1935 - 1955 AD (23.0%) respectively. These calibrated dates are consistent with the existing tephra dates from the cores.

Interpretation

Interpreting Jaðar is difficult. We find that the area of midden is about 565 m^2. Dating the earliest occupation is difficult. We have cores that suggest a post 1104 AD date and AMS dates that suggest a post 1656 AD date. Therefore, without a better option, we split the difference and suggest that Jaðar may have been occupied by 1300 AD. It might be 200 years on either side. Settlements established during this broad time period are rather rare and therefore we suggest more work at Jaðar to better ascertain a firm date of establishment.

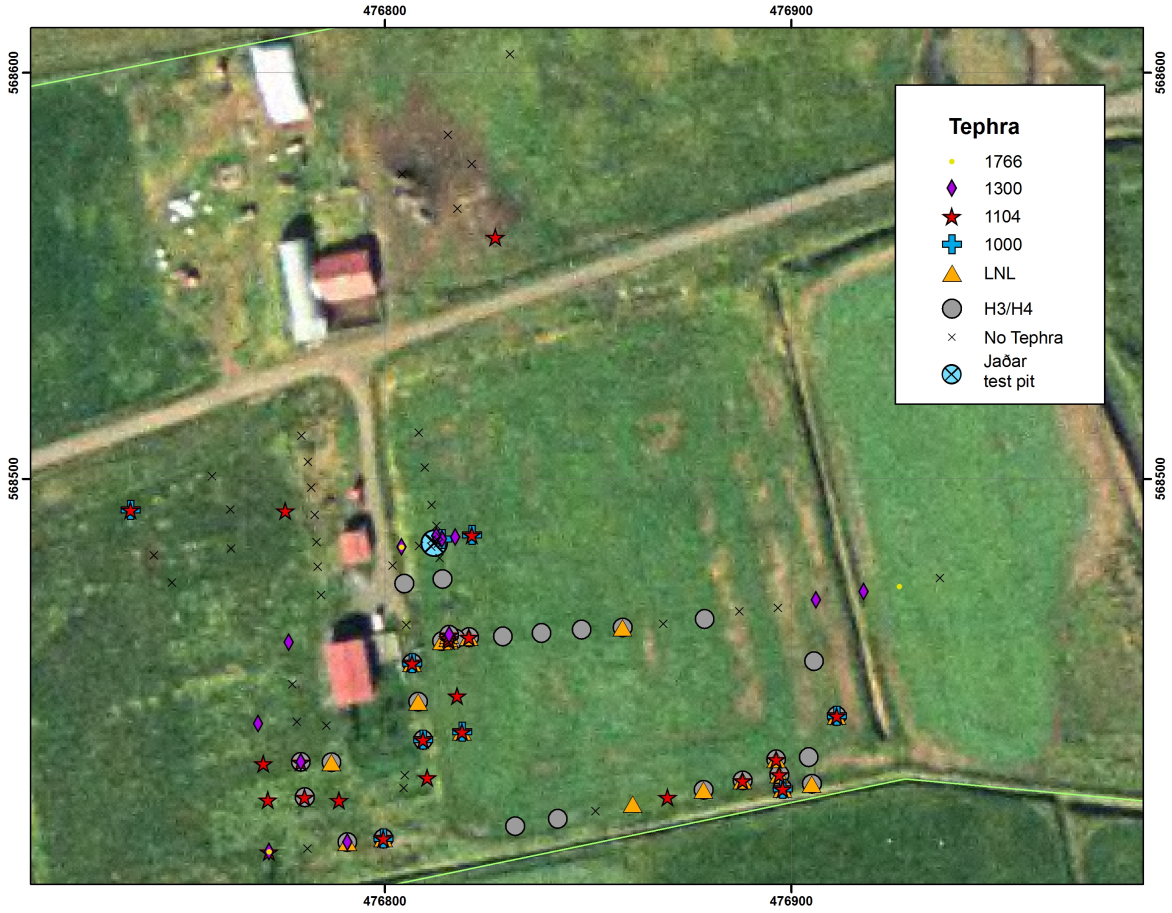

Figure 1. Tephra distribution.

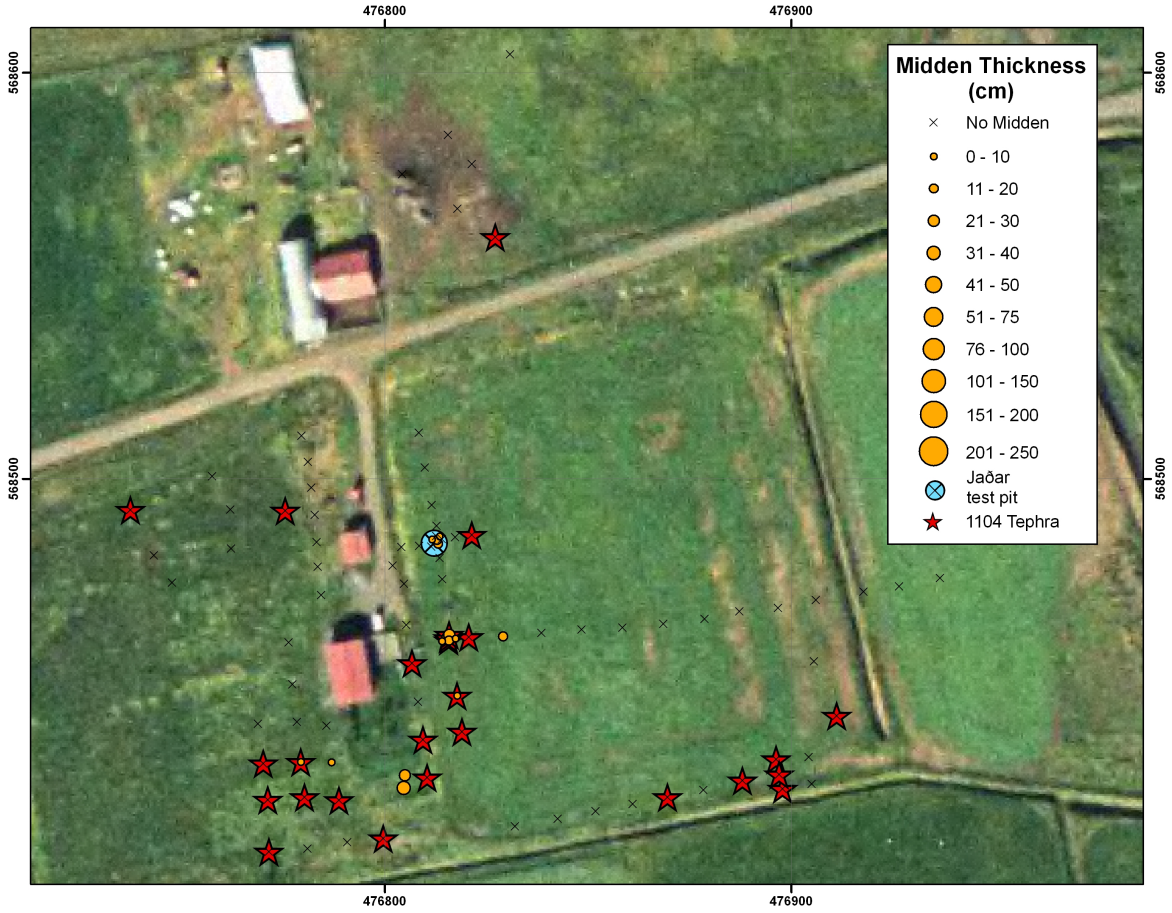

Figure 2. Distribution of midden.

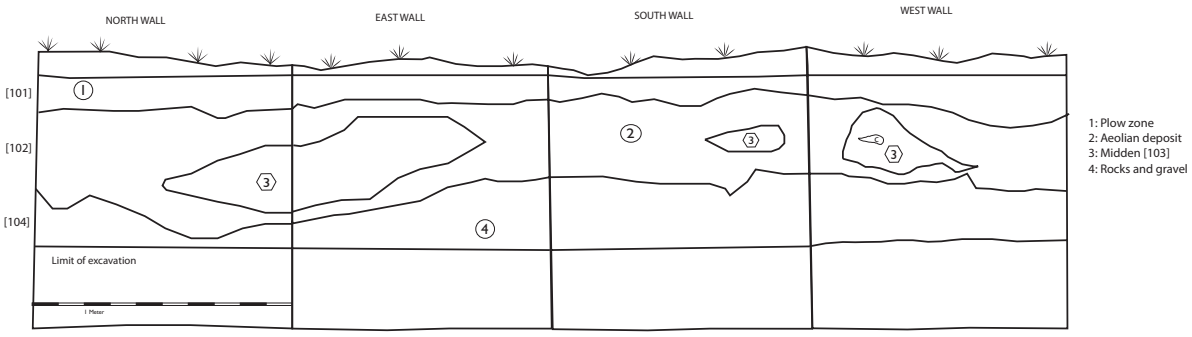

Figure 3. Profile of test pit

Figure 4. test pit.

Figure 5. East wall test pit profile.

Site 114	Tephra Layer	Depth	East	North
Core 1002			476804.013	568483.328
	1766	18		
	1300	22		
Core 1003			476804.648	568474.263
	H3	35		
Core 1005			476806.623	568454.646
	H1	20		
	H1	25		
	1000	32		
	LNL	40		
	H3	60		
	H4	70		
Core 1006			476808.092	568445.165
	LNL	35		
	H3	55		
Core 1007			476809.385	568435.836
	H1	38		
	1000	41		
	H3	73		
Core 1009			476810.405	568426.587
	H1	20		
Core 1010			476817.765	568446.685
	H1	25		
Core 1011			476815.68	568460.266
	H1	62		
	LNL	70		
Core 1012			476814.115	568475.356
	H3	15		
Core 1014			476818.921	568437.794
	H1	38		
	1000	57		
	LNL	74		
Core 1018			476821.394	568486.234
	H1	28		
	1000	40		
Core 1019			476817.235	568485.736
	1300	32		
Core 1022			476820.626	568461.072
	H1	28		

Site 114		Tephra Layer	Depth	East	North
		LNL	32		
		H3	50		
Core	1024			476814.031	568485.282
		1300	28		
		1000	48		
Core	1025			476812.623	568485.944
		1300	40		
Core	1028			476814.037	568460.067
		LNL	36		
		H3	50		
Core	1029			476817.385	568460.711
		H3	50		
Core	1030			476815.602	568460.796
		H1	45		
		LNL	55		
Core	1031			476815.731	568461.635
		1300	33		
		H1	43		
		LNL	46		
		H3	59		
Core	1032			476776.252	568459.779
		1300	28		
Core	1036			476786.848	568430.291
		LNL	25		
		H3	35		
Core	1037			476779.259	568430.402
		1300	25		
		H1	33		
		H3	45		
Core	1038			476780.181	568421.73
		H1	30		
		H3	38		
Core	1039			476788.676	568421.014
		H1	15		
Core	1040			476768.714	568439.763
		1300	35		
Core	1041			476770.049	568429.999
		H1	55		

Site 114	Tephra Layer	Depth	East	North
Core 1042			476771.15	568421.035
	H1	45		
Core 1043			476771.431	568408.338
	1766	16		
	1300	25		
	unknown	45		
	H1	52		
Core 1045			476790.678	568410.637
	1300	35		
	LNL	38		
	H3	50		
Core 1046			476799.591	568411.538
	H1	18		
	1000	42		
	LNL	46		
	H3	55		
Core 1047			476829.003	568461.273
	H3	32		
	H4	39		
Core 1048			476838.456	568462.187
	H3	38		
	H4	39		
Core 1049			476848.371	568463.002
	H3	30		
	H4	35		
Core 1050			476858.439	568463.42
	LNL	38		
	H3	40		
	H4	42		
Core 1052			476878.681	568465.621
	H3	45		
	H4	47		
Core 1055			476905.986	568470.27
	1300	15		
Core 1056			476905.528	568455.194
	H3	35		
	H4	39		
Core 1057			476911.127	568441.708
	H1	20		
	1000	32		

Site		Tephra Layer	Depth	East	North
		LNL	36		
		H3	42		
Core	1058			476904.214	568431.608
		H3	50		
		H4	58		
Core	1059			476917.75	568472.285
		1300	20		
Core	1060			476926.49	568473.574
		1766	25		
Core	1062			476904.965	568425.02
		LNL	32		
		H3	42		
		H4	52		
Core	1063			476897.85	568423.757
		H1	22		
		1000	27		
		LNL	30		
		H3	44		
		H4	53		
Core	1064			476896.241	568431.01
		H1	5		
		LNL	20		
		H3	32		
		H4	40		
Core	1065			476896.952	568427.3
		H1	26		
		LNL	30		
		H3	40		
Core	1066			476887.994	568425.774
		H1	11		
		LNL	22		
		H3	33		
		H4	39		
Core	1067			476878.347	568423.493
		LNL	29		
		H3	35		
		H4	40		
Core	1068			476869.556	568421.765
		H1	40		

Site 114		Tephra Layer	Depth	East	North
Core	1069			476860.98	568420.004
		LNL	20		
Core	1071			476842.466	568416.437
		H3	23		
		H4	30		
Core	1072			476831.964	568414.565
		H3	22		
		H4	32		
Core	1082			476775.448	568492.266
		H1	35		
Core	1086			476747.602	568474.511
		unknown	74		
Core	1088			476737.304	568492.437
		H1	22		
		1000	35		
Core	1089			476827.115	568559.596
		H1	30		
Core	1094			476830.766	568604.511
		unknown	25		
Core	9272			476790.596	568430.006
		H3	35		
Core	9273			476764.808	568405.805
		1300	18		
Core	9274			476739.813	568406.599
		1300	17		
Core	9278			476765.602	568430.8
		H3	40		
Core	9281			476716.407	568457.382
		1766	13		
Core	9283			476840.585	568428.418
		1300	15		
		unknown	31		
		unknown	37		
Core	9284			476865.58	568427.624
		unknown	33		
Core	9285			476866.374	568452.619
		H1	20		
		H3	44		
		LNL	35		

Site		Tephra Layer	Depth	East	North
114					
Core	9286			476841.379	568453.413
		H1	31		
		1766	5		
		H3	41		
		LNL	35		
Core	9287			476867.962	568502.608
		unknown	27		

Site 114	description	top depth	bottom depth	Thickness
CORE 1001	476808.373	568483.541		
	Plow Zone	0	30	30
	Iron Pan	30	40	10
CORE 1002	476804.013	568483.328		
	Plow Zone	13	18	5
	Aeolian Deposit	18	35	17
	Iron Pan	35	40	5
CORE 1003	476804.648	568474.263		
	Plow Zone	0	10	10
	Aeolian Deposit	10	40	30
CORE 1004	476805.286	568464.086		
	Rock	0	0	0
CORE 1005	476806.623	568454.646		
	Plow Zone	0	10	10
	Gravel	10	13	3
	Aeolian Deposit	13	70	57
	Clay	70	80	10
CORE 1006	476808.092	568445.165		
	Plow Zone	0	30	30
	Aeolian Deposit	30	50	20
	Iron Pan	50	70	20
	Clay	70	80	10
CORE 1007	476809.385	568435.836		
	Plow Zone	0	30	30
	Aeolian Deposit	30	75	45
	Iron Pan	75	80	5
CORE 1009	476810.405	568426.587		
	Plow Zone	0	15	15
	Aeolian Deposit	15	40	25
CORE 1010	476817.765	568446.685		
	Plow Zone	0	15	15
	Midden	15	20	5
	Aeolian Deposit	20	40	20
CORE 1011	476815.68	568460.266		
	Plow Zone	0	15	15
	Midden	15	29	14

Site 114	description	top depth	bottom depth	Thickness
	Aeolian Deposit	29	78	49
	Iron Pan	78	80	2
CORE	1012	476814.115	568475.356	
	Plow Zone	0	10	10
	Aeolian Deposit	10	40	30
CORE	1013	476812.805	568485.015	
	Plow Zone	0	20	20
	Clay	20	33	13
	Iron Pan	33	38	5
	Midden	38	49	11
	Aeolian Deposit	49	80	31
CORE	1014	476818.921	568437.794	
	Plow Zone	0	25	25
	Aeolian Deposit	25	37	12
	Iron Pan	37	40	3
	Aeolian Deposit	40	80	40
CORE	1015	476811.44	568493.625	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
	Iron Pan	40	50	10
CORE	1016	476809.787	568502.82	
	Plow Zone	0	10	10
CORE	1017	476808.287	568511.366	
	Plow Zone	0	30	30
	Rock	30	30	0
CORE	1018	476821.394	568486.234	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
CORE	1019	476817.235	568485.736	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
	Gravel	40	60	20
CORE	1020	476813.438	568480.562	
	Rock	0	0	0
CORE	1021	476812.658	568488.545	
	Plow Zone	0	15	15

Site 114	description	top depth	bottom depth	Thickness
	Aeolian Deposit	15	40	25
CORE	1022	476820.626	568461.072	
	Plow Zone	0	25	25
	Aeolian Deposit	25	60	35
	Clay	60	75	15
	Iron Pan	75	80	5
CORE	1023	476813.054	568484.091	
	Plow Zone	0	15	15
	Low Density Cultural	15	30	15
	Rock	30	30	0
CORE	1024	476814.031	568485.282	
	Plow Zone	0	20	20
	Aeolian Deposit	20	50	30
CORE	1025	476812.623	568485.944	
	Plow Zone	0	15	15
	Aeolian Deposit	15	50	35
	Clay	50	60	10
CORE	1026	476811.58	568485.117	
	Plow Zone	0	20	20
	Aeolian Deposit	20	34	14
	Midden	34	35	1
	Aeolian Deposit	35	40	5
CORE	1028	476814.037	568460.067	
	Plow Zone	0	20	20
	Midden	20	30	10
	Aeolian Deposit	30	68	38
	Bog	68	75	7
CORE	1029	476817.385	568460.711	
	Plow Zone	0	10	10
	Midden	10	20	10
	Aeolian Deposit	20	55	35
	Bog	55	65	10
	Aeolian Deposit	65	70	5
	Bog	70	80	10
CORE	1030	476815.602	568460.796	
	Plow Zone	0	11	11
	Midden	11	29	18

Site 114	description	top depth	bottom depth	Thickness
	Low Density Cultural	29	42	13
	Aeolian Deposit	42	65	23
	Bog	65	70	5
	Clay	70	80	10
CORE	1031	476815.731	568461.635	
	Plow Zone	0	15	15
	Midden	15	20	5
	Low Density Cultural	20	45	25
	Clay	45	56	11
	Bog	56	69	13
	Clay	69	80	11
CORE	1032	476776.252	568459.779	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
	Iron Pan	40	50	10
	Sand	50	60	10
CORE	1033	476777.24	568449.5	
	Plow Zone	0	10	10
	Iron Pan	10	30	20
	Sand	30	50	20
	Iron Pan	50	70	20
CORE	1034	476778.297	568440.264	
	Plow Zone	0	20	20
	Clay	20	40	20
CORE	1035	476785.563	568439.343	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
	Sand	40	60	20
CORE	1036	476786.848	568430.291	
	Plow Zone	0	14	14
	Low Density Cultural	14	20	6
	Aeolian Deposit	20	50	30
	Sand	50	75	25
	Iron Pan	75	80	5
CORE	1037	476779.259	568430.402	
	Plow Zone	0	17	17
	Low Density Cultural	17	24	7
	Aeolian Deposit	24	37	13

Site 114	description	top depth	bottom depth	Thickness
	Iron Pan	37	42	5
	Bog	42	52	10
	Sand	52	66	14
CORE	1038	476780.181	568421.73	
	Plow Zone	0	30	30
	Sand	30	60	30
CORE	1039	476788.676	568421.014	
	Plow Zone	0	12	12
	Aeolian Deposit	12	70	58
	Sand	70	80	10
CORE	1040	476768.714	568439.763	
	Plow Zone	0	25	25
	Aeolian Deposit	25	40	15
	Iron Pan	40	65	25
	Clay	65	70	5
CORE	1041	476770.049	568429.999	
	Plow Zone	0	30	30
	Aeolian Deposit	30	55	25
	Sand	55	60	5
CORE	1042	476771.15	568421.035	
	Plow Zone	0	25	25
	Aeolian Deposit	25	50	25
CORE	1043	476771.431	568408.338	
	Plow Zone	0	15	15
	Aeolian Deposit	15	51	36
	Sand	51	70	19
CORE	1044	476780.972	568409.086	
	Plow Zone	0	15	15
	Aeolian Deposit	15	30	15
	Iron Pan	30	50	20
CORE	1045	476790.678	568410.637	
	Plow Zone	0	10	10
	Aeolian Deposit	10	75	65
	Iron Pan	75	80	5
CORE	1046	476799.591	568411.538	
	Plow Zone	0	20	20
	Gravel	20	30	10

Site 114	description	top depth	bottom depth	Thickness
	Aeolian Deposit	30	60	30
	Iron Pan	60	62	2
CORE	1047	476829.003	568461.273	
	Plow Zone	0	16	16
	Midden	16	32	16
	Gravel	32	45	13
CORE	1048	476838.456	568462.187	
	Plow Zone	0	22	22
	Aeolian Deposit	22	45	23
	Iron Pan	45	51	6
	Clay	51	62	11
CORE	1049	476848.371	568463.002	
	Plow Zone	0	10	10
	Aeolian Deposit	10	45	35
	Iron Pan	45	55	10
CORE	1050	476858.439	568463.42	
	Plow Zone	0	13	13
	Aeolian Deposit	13	45	32
	Bog	45	55	10
	Clay	55	60	5
	Iron Pan	60	68	8
	Aeolian Deposit	68	70	2
CORE	1051	476868.493	568464.333	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
CORE	1052	476878.681	568465.621	
	Plow Zone	0	20	20
	Aeolian Deposit	20	50	30
CORE	1053	476887.246	568467.432	
	Plow Zone	0	20	20
	Aeolian Deposit	20	30	10
	Clay	30	38	8
	Iron Pan	38	40	2
CORE	1054	476896.664	568468.304	
	Plow Zone	0	20	20
	Aeolian Deposit	20	30	10
	Clay	30	40	10

Site 114	description	top depth	bottom depth	Thickness
	Gravel	40	45	5
CORE	1055	476905.986	568470.27	
	Plow Zone	0	8	8
	Bog	8	15	7
	Iron Pan	15	21	6
	Aeolian Deposit	21	30	9
CORE	1056	476905.528	568455.194	
	Plow Zone	0	25	25
	Aeolian Deposit	25	45	20
	Iron Pan	45	48	3
	Clay	48	55	7
	River Sand	55	58	3
	Iron Pan	58	60	2
CORE	1057	476911.127	568441.708	
	Plow Zone	0	20	20
	Bog	20	46	26
	Iron Pan	46	54	8
	Clay	54	63	9
	Gravel	63	65	2
CORE	1058	476904.214	568431.608	
	Plow Zone	0	9	9
	Disturbed	9	20	11
	Turf	20	30	10
	Iron Pan	30	40	10
	Bog	40	65	25
CORE	1059	476917.75	568472.285	
	Plow Zone	0	20	20
	Gravel	20	40	20
CORE	1060	476926.49	568473.574	
	Plow Zone	0	15	15
	Bog	15	40	25
CORE	1061	476936.586	568475.677	
	Bog	0	50	50
	Iron Pan	50	53	3
CORE	1062	476904.965	568425.02	
	Plow Zone	0	8	8
	Aeolian Deposit	8	33	25

Site 114	description	top depth	bottom depth	Thickness
	Bog	33	40	7
	Sand	40	45	5
	Bog	45	55	10
	Aeolian Deposit	55	65	10
	Clay	65	75	10
CORE 1063	476897.85	568423.757		
	Plow Zone	0	10	10
	Aeolian Deposit	10	30	20
	Bog	30	61	31
	Iron Pan	61	65	4
	Clay	65	70	5
CORE 1064	476896.241	568431.01		
	Plow Zone	0	5	5
	Aeolian Deposit	5	32	27
	Bog	32	50	18
	Clay	50	56	6
	Gravel	56	57	1
CORE 1065	476896.952	568427.3		
	Plow Zone	0	10	10
	Turf	10	20	10
	Aeolian Deposit	20	30	10
	Bog	30	40	10
CORE 1066	476887.994	568425.774		
	Plow Zone	0	9	9
	Aeolian Deposit	9	22	13
	Bog	22	52	30
	Clay	52	62	10
CORE 1067	476878.347	568423.493		
	Plow Zone	0	10	10
	Aeolian Deposit	10	31	21
	Bog	31	40	9
CORE 1068	476869.556	568421.765		
	Plow Zone	0	20	20
	Aeolian Deposit	20	60	40
	Iron Pan	60	80	20
CORE 1069	476860.98	568420.004		
	Plow Zone	0	17	17
	Aeolian Deposit	17	35	18

Site 114	description	top depth	bottom depth	Thickness
	Bog	35	45	10
	Clay	45	46	1
CORE	1070	476851.815	568418.238	
	Plow Zone	0	10	10
	Aeolian Deposit /Clay	10	35	25
	Aeolian Deposit	35	40	5
	Gravel	40	45	5
CORE	1071	476842.466	568416.437	
	Plow Zone	0	11	11
	Aeolian Deposit	11	20	9
	Bog	20	40	20
CORE	1072	476831.964	568414.565	
	Plow Zone	0	10	10
	Bog	10	35	25
	Iron Pan	35	40	5
CORE	1073	476813.413	568485.867	
	Plow Zone	0	10	10
	Aeolian Deposit	10	30	20
	Midden	30	35	5
	Aeolian Deposit	35	40	5
CORE	1074	476811.413	568483.399	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
	Rock	40	40	0
CORE	1075	476784.297	568471.425	
	Rock	0	0	0
CORE	1076	476783.441	568478.43	
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
CORE	1077	476783.181	568484.46	
	Plow Zone	0	16	16
	Aeolian Deposit	16	30	14
	Gravel	30	40	10
CORE	1078	476782.676	568491.171	
	Plow Zone	0	20	20
	Rock	20	20	0

Site 114	description	top depth	bottom depth	Thickness
CORE 1079	476781.83	568497.874		
	Plow Zone	0	20	20
	Aeolian Deposit	20	40	20
CORE 1080	476781.07	568504.26		
	Plow Zone	0	28	28
	Gravel	28	33	5
CORE 1081	476779.482	568510.623		
	Plow Zone	0	10	10
	Gravel	10	11	1
	Aeolian Deposit	11	25	14
	Gravel	25	30	5
CORE 1082	476775.448	568492.266		
	Plow Zone	0	35	35
	Aeolian Deposit	35	40	5
	Gravel	40	50	10
CORE 1083	476757.422	568500.655		
	Plow Zone	0	10	10
	Gravel	10	18	8
	Disturbed	18	30	12
CORE 1084	476761.977	568492.46		
	Bulldozed	0	40	40
CORE 1085	476762.161	568482.891		
	Plow Zone	0	45	45
	Gravel	45	50	5
CORE 1086	476747.602	568474.511		
	Plow Zone	0	20	20
	Aeolian Deposit	20	78	58
	Iron Pan	78	90	12
CORE 1087	476743.1	568481.222		
	Plow Zone	0	14	14
	Aeolian Deposit	14	40	26
	Gravel	40	50	10
CORE 1088	476737.304	568492.437		
	Plow Zone	0	10	10
	Aeolian Deposit	10	40	30

Site 114	description	top depth	bottom depth	Thickness
CORE 1089	476827.115	568559.596		
	Top Soil	0	20	20
	Aeolian Deposit	20	40	20
	Gravel	40	40	0
CORE 1090	476817.81	568566.566		
	Top Soil	0	10	10
	Aeolian Deposit	10	40	30
	Gravel	40	50	10
CORE 1091	476821.404	568577.584		
	Plow Zone	0	20	20
	Aeolian Deposit	20	30	10
CORE 1092	476815.526	568584.726		
	Plow Zone	0	20	20
	Rock	20	20	0
CORE 1093	476804.251	568575.003		
	Bog	0	20	20
	Aeolian Deposit	20	40	20
	Gravel	40	50	10
CORE 1094	476830.766	568604.511		
	Top Soil	0	10	10
	Aeolian Deposit	10	110	100
	Iron Pan	110	120	10
CORE 1372	476804.903	568427.079		
	Plow Zone	0	20	20
	Low Density Cultural	20	50	30
	Rock	50	50	0
CORE 1373	476804.612	568423.997		
	Plow Zone	0	20	20
	Low Density Cultural	20	50	30
	Turf	50	72	22
	Low Density Cultural	72	80	8