PHOTOGRAPHS

Photograph 1: Area A shovel testing. View east.

Photograph 2. Area B. View south up lane from Van Loan Road.

Photograph 3: Area B. Stone enclosed Lane. View south.

Photograph 4. Area B. Lane with stone columns. View north.

Photograph 5: Area B. Shovel testing. View south.

Photograph 6. Area C. Maintenance garage showing disturbance in front. View southwest.

Photograph 7: Area C. From maintenance garage macadam looking northeast.

Photograph 8. Area C. Behind maintenance garage. View northeast.

Photograph 9: Area C. South side of maintenance garage. Proposed pond to right. View east.

Photograph 10. Area C. Stone Foundation #1. View southeast.

Photograph 11: Area C. Circular stone foundation, probably a silo base. View northeast.

Photograph 12. Area C. Foundation/wall. View southeast.

Photograph 13: Area C. Foundation #2. View north.

Photograph 14. Area D. Shovel testing. View southwest.

Photograph 15: Area D. Concrete piers in cattle barn. View northeast.

Photograph 16. Area D. Barn ramp. View northeast.

Photograph 17: Area D. Barn walls near ramp. View northeast.

Photograph 18. Area E. View NE and downhill from uppermost Discovery Parking Lot showing three levels of cut and fill.

Photograph 19: Area F. Shovel testing of yard at "Whispell Site". View northwest.

Photograph 20. Area F. Rear of Whispell yard looking toward road. View north.

Photograph 21: Area G. Shovel testing of # 7. View northeast.

Photograph 22. Area H. Location of proposed Tomahawk Lodge and skier bridge. Cut and fill. View south.

TABLES

NYSOPRHP Site #	NYSM #	Site Name	Dist. from APE m/ft. approx.	Time Period	Site Type	Ref./Arch
A025.14.00100		Hiram Robinson Site	2500 ft/762 m	Historic	Domestic Site	GCI: 2001
A025.14.0099		Ruttson Greene Site	2500 ft/762 m	Historic	Domestic Site	GCI: 2001
A025.14.0098		Wildacres Reservoir #1	3000 ft/ 914 m	Historic	Reservoir	GCI: 2001
A025.14.0095		3 Cabins Ruin Site	2000 ft/610 m	Historic	Domestic Site	GCI: 2001
A025.14.0096		Monroe House Site	1500 ft/457 m	Historic	Domestic Site	GCI: 2001
A111.16.0081		Historic Dump	500 ft/ 152 m	Historic	Dump	GCI: 2001
A111.16.0080		Van Loan Road Cellar Hole	850 ft/ 260 m	Historic	Domestic Site	GCI: 2001
A111.16.0088		Leach Rockshelter *	1500 ft/457 m	Historic	Rockshelter	GCI: 2001
A111.16.0082		Leach Farmstead	1500 ft/457 m	Historic	Domestic Site	GCI: 2001
A111.16.0083		P. Robison Site	2000 ft/610 m	Historic	Domestic Site	GCI: 2001
A111.16.0084		Springhouse Ruin #1	500 ft/ 152 m	Historic	Springhouse	GCI: 2001
A111.16.0085		Springhouse Ruin #2 *	On edge of project area	Historic	Springhouse	GCI: 2001
A111.16.0079		N. Haines Site	4000 ft/ 2119 m	Historic	Domestic Site	GCI: 2001
A111.16.0078		Turner/Brisbane Mansion	5000 ft/1524 m	Historic	Domestic Site	GCI: 2001
		*National RegisterEligible				

Table 1. Listed sites at NYSM and OPRHP.

Area	Ground Cover	Slope	Soil Type	Testing Method	# of Tests	Pos. ST's	Result/Rec.
A) Visitors Booth, Entrance	Open/grass	testable	WLB	Shovel testing	34	9	No further work
Sign and Parking							
B) 3 Parking Lots and	Wooded	testable	WLB	Shovel Testing	149	26	No further work
Entrance Road (East Parking)							
C)Foundation.1 Stormwater	Wooded	testable	WLB, LCD	Shovel testing	21	5	No further work
snow-making pond							
C)Foundation 2	Open	testable	WLB	Shovel testing	2	1	No further work
C) Lower Pumphouse	Open	Dist.	WLB,LCD	None/Prev. Disturbed	N/A		N/A
C) Salt Storage Build.	Open	Dist.	WLB	None/Prev. Disturbed	N/A		N/A
D)Parking lot entrance	Wooded	testable	WLB, LCD	Shovel testing	92	2	Barn Documentation
two parking lots(North Parking)							
E)Addition to Rear of Disc. Lodge	Open	Dist.	Cut/Fill	None/Prev.Disturbed	N/A		N/A
F)Upper Discovery Parking Area	Open/Wooded	testable	WLB	Shovel testing	49	15	Data Ret./Avoid.
G)Proposed ski lift terminal	Wooded	testable	ORC	Shovel testing	35	2	No further work
H) Proposed Tomahawk Lodge	Open	Dist.	Cut/Fill	None/Prev.Disturbed	N/A		N/A
and skier bridge	Open	Dist.	Cut/Fill	None/Prev.Disturbed	N/A		N/A
H)New Compressor Building	Open	Dist.	Cut/fill	None/Prev.Disturbed	N/A		N/A
I) Four new ski lifts	Wooded	ex. Slope	ARF, ORD	None /Excessive slope	N/A		Avoidance of
							A111.16.0085*
I) Two old lifts replaced	Open	ex. Slope	ARF	None/Excessive slope	N/A		N/A
I) Summit Lodge Expansion	Open	ex. Slope	ARF,ORD	None/Excessive slope	N/A		N/A
I) Rest. of existing trail	Open	ex. Slope	ARF,ORD	None/Excessive slope	N/A		N/A
I) Overlook Lodge Amph.	Open	ex. Slope	Cut/Fill	None/Prev.Disturbed	N/A		N/A
J) Waterline replacement	Wooded	Dist.	Cut/Fill	None/Prev.Disturbed	N/A		N/A
J) Mod. to upper pumphouse	Wooded	Dist.	Cut/Fill	None/Excessive slope	N/A		N/A
J) Mod. To Cath. Glen PH	Wooded	Dist.	Cut/Fill	None/Excessive slope	N/A		N/A
K) Highmount Ski Area	Wooded	Dist.	ARF,ORD	None/Excessive slope	N/A		N/A
					Total ST's=	ST's with	
					382	arts.=60	*NRE

Table 2.Project Area. Parcels from north to south with recommendations.

APPENDICES

APPENDIX 1

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
A	1	0-33/boulder	v d g b si sa w/grv & cob		None		
	2	0-27	v d g b si sa w/grv & cob		None		
		27-45	d y b si sa w/grv & cob		None		
	3	0-14	v d g b si sa w/grv & cob		None		
		14-20	d y b si sa w/grv & cob		None		
		20-39	v d b si sa w/grv & cob		None		
	4	0-16	v d g b si sa w/grv & cob		None		
		16-28	d y b si sa w/grv & cob		None		
	5	0-19	v d g b si sa w/grv & cob	1	slag		
				1	cinder		
				3	charcoal		
		19-34	d y b si sa w/grv & cob		None		
	6	0-22	v d g b si sa w/grv & cob		None		
		22-34	d y b si sa w/grv & cob		None		
	7	0-16	fill		None		
		16-31	d y b si sa w/grv & cob		None		
	8	0-20	fill	5	coal		
				1	wood fragment		
		20-40	d y b si sa w/grv & cob		None		
	9	0-18	v d g b si sa w/grv & cob		None		
		18-40	d y b si sa w/grv & cob		None		
	10	0-22	v d g b si sa w/grv & cob	1	bottle glass (wine/liquor)	olive green	
		22-44	d y b si sa w/grv & cob		None		
	11	0-21	v d g b si sa w/grv & cob	1	tumbler base fragment	clear lead glass	
						ground pontil,	
						ground base	
						c. 1840-1865	
		21-42	d y b si sa w/grv & cob		None		
	12	0-23	v d g b si sa w/grv & cob		None		
		23-43	d y b si sa w/grv & cob		None		
	13	0-23	v d g b si sa w/grv & cob		None		
		23-45	d y b si sa w/grv & cob		None		
	14	0-22	v d g b si sa w/grv & cob		None		
		22-37	d y b si sa w/grv & cob		None		
	15	0-15	v d g b si sa w/grv & cob	2	coal		
		15-26	d y b si sa w/grv & cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	16	0-17	v d g b si sa w/grv & cob		None		
		17-33	d y b si sa w/grv & cob		None		
	17	0-19/boulder	v d g b si sa w/grv & cob		None		
	18	0-25	v d g b si sa w/grv & cob		None		
		25-45	d y b si sa w/grv & cob		None		
	19	0-18	v d g b si sa w/grv & cob		None		
		18-39	d y b si sa w/grv & cob		None		
	20	0-17	v d g b si sa w/grv & cob		None		
		17-31	d y b si sa w/grv & cob		None		
	21	0-17	v d g b si sa w/grv & cob		None		
		17-32	d y b si sa w/grv & cob		None		
	22	0-23	v d g b si sa w/grv & cob		None		
		23-35	d y b si sa w/grv & cob		None		
	23	0-18	v d g b si sa w/grv & cob		None		
		18-40	d y b si sa w/grv & cob		None		
	24	0-21	v d g b si sa w/grv & cob		None		
		21-42	d y b si sa w/grv & cob		None		
	25	0-25	v d g b si sa w/grv & cob	1	whiteware	plain, post-1820	
		25-46	d y b si sa w/grv & cob		None		
	26	0-15	v d g b si sa w/grv & cob	1	iron strap fragment		
		15-32	d y b si sa w/grv & cob		None		
	27	0-22	v d g b si sa w/grv & cob	1	mortar fragment		
				2	coal		
		22-36	d y b si sa w/grv & cob		None		
	28	0-27	v d g b si sa w/grv & cob	3	charcoal fragments		
		27-43	d y b si sa w/grv & cob		None		
	29	0-20	v d g b si sa w/grv & cob		None		
		20-41	d y b si sa w/grv & cob		None		
	30	0-23/boulder	v d g b si sa w/grv & cob		None		
	31	0-18/bedrock	v d g b si sa w/grv & cob		None		
	32	0-15	v d g b si sa w/grv & cob		None		
		15-37	d y b si sa w/grv & cob		None		
	33	0-18	v d g b si sa w/grv & cob		None		
		18-40	d y b si sa w/grv & cob		None		
	34	0-31/bedrock	v d g b si sa w/grv & cob		None		
B	1	0-18	v d g b si lo w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		18-38	d y b si w/cob		None		
	2	0-20	d y b si lo w/cob		None		
		20-41	y b si w/cob		None		
	3	0-31	d y b si lo w/cob		None		
		31-50	y b si w/cob		None		
	4	0-20	d y b si lo w/cob		None		
		20-40	y b si w/cob		None		
	5	0-20	d y b si lo w/cob		None		
		20-41	y b si w/cob		None		
	6	0-22	d y b si lo w/cob		None		
		22-42	y b si w/cob		None		
	7	boulder field					
		not excavated					
	8	0-17	d y b si lo w/cob		None		
		17-38	y b si w/cob		None		
	9	0-20	d y b si lo w/cob		None		
		20-40	y b si w/cob		None		
	10	0-34	d y b si lo w/cob		None		
		34-57	y b si w/cob		None		
	11	0-21	d y b si lo w/cob		None		
		21-42	y b si w/cob		None		
	12	0-26/boulder impasse	v d g b si lo w/organics		None		
	13	0-23	d y b si lo w/grv		None		
		23-37	y b si w/grv		None		
	14	0-19	d y b si lo w/grv		None		
		19-37	y b si w/grv		None		
	15	0-26	d y b si lo w/grv		None		
		26-50	y b si w/grv		None		
	16	0-29	d y b si lo w/grv		None		
		29-48	y b si w/grv		None		
	17	0-31	d y b si lo w/grv		None		
		31-44	y b si w/grv		None		
	18	0-20	d y b si lo w/grv		None		
		20-34	y b si w/grv		None		
	19	0-10/bedrock	d y b si lo w/grv		None		
	20	0-18	d y b si lo w/grv		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		18-32	y b si w/grv		None		
	21	0-15	d y b si lo w/grv		None		
		15-33	y b si w/grv		None		
	22	0-16	d y b si lo w/grv		None		
		16-33	y b si w/grv		None		
	23	0-27/boulder	d y b si lo w/cob		None		
	24	0-19	d y b si lo w/cob		None		
		19-40	s b si w/cob		None		
	25	0-25	d y b si lo w/cob		None		
		25-45	s b si w/cob		None		
	26	0-24	d y b si lo w/cob		None		
		24-45	s b si w/cob		None		
	27	0-23	d y b si lo w/cob		None		
		23-43	s b si w/cob		None		
	28	0-25	d y b si lo w/cob		None		
		25-46	s b si w/cob		None		
	29	0-23	d y b si lo w/cob		None		
		23-43	s b si w/cob		None		
	30	0-34/boulder	d y b si lo w/cob		None		
	31	0-18/boulder	v d g b si lo w/cob		None		
	32	0-17	v d g b si lo w/cob		None		
		17-39	s b si w/cob		None		
	33	0-18	d y b si lo w/grv		None		
		18-40	y b si w/grv		None		
	34	0-30/boulder impasse	d y b si lo w/grv		None		
	35	0-20	d y b si lo w/grv		None		
		20-42	s b si w/grv		None		
	36	0-23	d y b si lo w/grv		None		
		23-38	s b si w/grv		None		
	37	0-26	d y b si lo w/grv		None		
		26-42	s b si w/grv		None		
	38	0-23	d y b si lo w/grv		None		
		23-45	s b si w/grv		None		
	39	0-17	d y b si lo w/grv		None		
		17-34	s b si w/grv		None		
	40	0-19	d y b si lo w/grv		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		19-38	s b si w/grv		None		
	41	0-20	d y b si lo w/grv		None		
		20-34	s b si w/grv		None		
	42	0-15/boulder impasse	d y b si lo w/grv		None		
	43	0-32/boulder	v d g b si lo w/cob	2	pepsi w/enamel letter	clear glass	
					post 1930's(Deiss1981:95)		
	44	0-16/bedrock	d y b si lo w/cob		None		
	45	0-22	d y b si lo w/cob		None		
		22-40	s b si w/cob		None		
	46	0-21	d y b si lo w/cob		None		
		21-41	s b si w/cob		None		
	47	0-18	d y b si lo w/cob		None		
		18-39	s b si w/cob		None		
	48	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	49	0-21	d y b si lo w/cob		None		
		21-42	s b si w/cob		None		
	50	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	51	0-26	d y b si lo w/cob		None		
		26-47	s b si w/cob		None		
	52	0-19	d y b si lo w/cob		None		
		19-40	s b si w/cob		None		
	53	0-18/bedrock	d y b si lo w/cob		None		
	54	0-20/bedrock	d y b si lo w/cob		None		
	55	0-15	d y b si lo		None		
		15-34	s b si		None		
	56	0-18	d y b si lo		None		
		18-40	s b si		None		
	57	0-18	d y b si lo		None		
		18-35	s b si		None		
	58	0-23	d y b si lo		None		
		23-32	s b si		None		
	59	0-20	d y b si lo		None		
		20-40	s b si		None		
	60	0-21	d y b si lo		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		21-35	s b si		None		
	61	0-24	d y b si lo		None		
		24-38	s b si		None		
	62	0-26	d y b si lo	2	mortar fragments		
		26-40	s b si		None		
	63	0-21/boulder impasse	d y b si lo		None		
	64	0-17	d y b si lo		None		
		17-38	s b si		None		
	65	0-21	d y b si lo		None		
		21-33	s b si		None		
	66	0-22	d y b si lo w/cob		None		
		22-42	s b si w/cob		None		
	67	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	68	0-18	d y b si lo w/cob		None		
		18-39	s b si w/cob		None		
	69	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	70	0-30/boulder	d y b si lo w/cob		None		
	71	0-21	d y b si lo w/cob		None		
		21-42	s b si w/cob		None		
	72	0-21	d y b si lo w/cob		None		
		21-41	s b si w/cob		None		
	73	0-20	d y b si lo		None		
		20-41	s b si		None		
	74	0-16	d y b si lo		None		
		16-27	s b si		None		
	75	near road	Disturbed		None		
	76	0-16	d y b si lo		None		
		16-33	s b si		None		
	77	0-16	d y b si lo		None		
		16-31	s b si		None		
	78	0-19	d y b si lo		None		
		19-34	s b si		None		
	79	0-23	d y b si lo		None		
		23-38	s b si		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	80	0-21	v d g b si lo w/cob		None		
		21-40	s b si w/cob		None		
	81	0-21	d y b si lo w/cob		None		
		21-42	s b si w/cob		None		
	82	0-24	d y b si lo w/cob		None		
		24-45	s b si w/cob		None		
	83	0-16	d y b si lo w/cob		None		
		16-37	s b si w/cob		None		
	84	0-18	d y b si w/cob		None		
		18-33	s b si w/cob		None		
	85	0-16/boulders	d y b si lo w/cob		None		
	86	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	87	0-21	d y b si lo w/cob		None		
		21-41	s b si w/cob		None		
	88	0-19	d y b si lo		None		
		19-34	s b si		None		
	89	0-18	d y b si lo	1	unident bottle	aqua	
					BIM c. 1880-1900		
		18-34	s b si		None		
	90	0-24	d y b si lo		None		
		24-37	s b si		None		
	91	0-23	d y b si lo		None		
		23-38	s b si		None		
	92	0-20	d y b si lo	1	window glass	aqua	
				2	whiteware	post-1820	
				4	cinder		
				1	slag		
				3	iron can fragments		
		20-36	s b si		None		
	93	drivway disturbance					
		not excavated					
	94	drivway disturbance					
		not excavated					
	95	0-18	d y b si lo	5	coal		
		18-30	s b si		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	96	0-21	v d b si lo w/cob		None		
		21-42	s b si w/cob		None		
	97	0-19	d y b si lo w/cob		None		
		19-40	s b si w/cob		None		
	98	0-24	d y b si lo w/cob		None		
		24-45	s b si w/cob		None		
	99	0-24	d y b si lo w/cob		None		
		24-44	s b si w/cob		None		
	100	0-19	d y b si lo w/cob		None		
		19-40	s b si w/cob		None		
	101	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	102	0-45/boulder	d y b si lo		None		
	103	0-22	d y b si lo		None		
		22-38	s b si		None		
	104	0-16	d y b si lo	2	whiteware post-1820	plain	
				1	unident bottle	clear	
		16-32	s b si		None		
	105	0-28	d y b si lo	4	plain whiteware		
				1	plate glass	clear	
				1	window glass	aqua	
				1	unident bottle	greenish aqua	
				1	sode crown closure	ABM post-1900	
				1	whiskey flask w/emb.	amber	
					star on base		
				1	plastic		
				1	coal		
				3	wire nails		
		28-49	s b si		None		
	106	0-32/boulder	d y b si lo w/grv		None		
	107	0-21	d y b si lo w/grv		None		
		21-34	s b si w/grv		None		
	108	0-18	d y b si lo w/cob		None		
		18-40	s b si w/cob		None		
	109	0-33	d y b si lo w/cob		None		
		33-52	s b si w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	110	0-22	d y b si lo w/cob		None		
		22-42	s b si w/cob		None		
	111	0-30	d y b si lo w/cob	1	coal		
				1	charcoal		
		30-50	s b si w/cob		None		
	112	0-30/boulder	d y b si lo w/cob		None		
	113	0-35	d y b si lo w/grv		None		
		35-47	s b si w/grv		None		
	114	0-23	d y b si lo w/grv	1	charcoal		
				1	MC nail		
		23-40	s b si w/grv		None		
	115	0-18	d y b si lo w/grv	1	whiteware post-1820	plain	
		18-38	s b si w/grv		None		
	116	0-23	d b si lo w/grv	3	slag		
				1	coal		
				1	window glass	aqua	
		23-40	d y b si w/grv		None		
		40-48	s b si w/grv		None		
	117	0-20/boulder	d y b si lo w/grv	1	MC lathe nail	iron	
				1	iron lump		
	118	0-34/boulder	d y b si lo w/cob		None		
	119	0-22	d y b si lo w/cob		None		
		22-43	s b si w/cob		None		
	120	0-19	d y b si lo w/cob	1	whiteware post-1820	plain	
				2	window glass	aqua	
				5	charcoal fragments		
		19-40	s b si w/cob		None		
	121	0-24	d y b si lo w/cob	2	whiteware post-1820		
				1	glass button	milkglass	
				1	MC nail		
				1	coal		
				1	iron lump		
		24-45	s b si w/cob		None		
	122	0-22	d y b si lo w/cob	1	window glass	aqua	
				1	plastic knife handle fragment		
		22-42	s b si w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	123	0-17/boulder	d y b si lo w/cob		None		
	124	0-38	d y b si lo w/grv		None		
		38-48	s b si w/grv		None		
	125	0-19	d y b si lo w/grv		None		
		19-37	s b si w/grv		None		
	126	0-24	d y b si lo w/grv	1	wine/liquor	olive green	
				6	whiteware post-1820	plain	
				1	unident bottle glass	clear	
		24-42	s b si w/grv		None		
	127	0-20	d y b si lo w/grv		None		
		20-35	s b si w/grv		None		
	128	0-17	d y b si lo w/grv		None		
		17-21	s b si w/grv		None		
	129	0-25	d y b si lo w/grv	2	window glass	aqua	
				1	flowerpot fragment		
				2	iron can fragments		
		25-39	s b si w/grv		None		
	130	0-40	d y b si lo w/cob		None		
		40-59	s b si w/cob		None		
	131	0-17	d y b si lo w/cob	1	oyster fragment	very small	
		17-40	s b si w/cob		None		
	132	0-26	d y b si lo w/cob	1	HW nail		
		26-46	s b si w/cob		None		
	133	0-40/boulder	d y b si lo w/cob	1	wine/liquor	olive green	
				1	whiteware post-1820	plain	
				1	cinder		
	134	0-26	d y b si lo w/cob		None		
		26-47	s b si w/cob		None		
	135	0-24/boulder	d y b si lo w/cob	1	frame for label from drawer	iron	
					in file cabinet	c. 1880-1930	
	136	0-43/boulder	d y b si lo w/grv	1	whiteware post-1820	plain	
				2	unident bottle	clear	
	137	0-20	d y b si lo w/grv		None		
		20-31	s b si w/grv		None		
	138	0-27	d y b si lo w/grv	1	whiteware post-1820	plain	
				1	red earthenware 1740-1850	Jackfield type	

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		27-37	s b si w/grv		None		
	139	0-17	d y b si lo w/grv	5	cream/pomade	milkglass	
				3	window glass	aqua	
				1	unident bottle	aqua	
				1	unident bottle	clear	
				1	clam fragment		
				1	bone		
				1	tooth		
		17-33	s b si w/grv		None		
	140	0-25	d y b si lo w/grv	22	unident bottle	clear	
				7	window glass	aqua	
				3	whiteware post-1820	plain	
				2	whiteware post-1820	blue transfer printed	
				1	whiteware post-1825	polychrome	
				1	charcoal		
		25-40	s b si w/grv		None		
	141	0-32	d y b si lo w/cob		None		
		32-50	s b si w/cob		None		
	142	0-20	d y b si lo w/cob		None		
		20-42	s b si w/cob		None		
	143	0-23	d y b si lo w/cob		None		
		23-45	s b si w/cob		None		
	144	0-24	d y b si lo w/cob	1	whiteware post-1820	plain	
				1	window glass	aqua	
				2	unident bottle	clear	
		24-45	s b si w/cob		None		
	145	0-45	d y b si lo w/grv		None		
		45-55	s b si w/grv		None		
	146	0-24	d y b si lo w/grv		None		
		24-37	s b si w/grv		None		
	147	0-20	d y b si lo w/grv		None		
		20-40	s b si w/grv		None		
	148	0-21	d y b si lo w/cob		None		
		21-42	s b si w/cob		None		
	149	0-45	d y b si lo w/grv		None		
		45-55	s b si w/grv		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
C-F1	1	0-33/boulder	d b si lo w/cob	2	MC nails		
	2	0-24	d b si lo w/cob		None		
		24-46	d y b sa w/grv		None		
	3	0-27	d b si lo w/cob		None		
		27-50	d y b sa w/grv		None		
	4	0-24	d b si lo w/cob		None		
		24-47	d y b sa w/grv		None		
	5	0-21	d b si lo w/cob		None		
		21-43	d y b sa w/grv		None		
	6	0-26	d b si lo w/cob		None		
		26-47	d y b sa w/grv		None		
	7	0-21/boulder	d b si lo w/cob		None		
	8	0-20/boulder	d b si lo w/cob	2	unident bottle glass	aqua	
	9	0-20	d b si lo w/cob		None		
		20-40	d y b sa w/grv		None		
	10	0-18/boulder	d b si lo w/cob	1	window glass		
	11	0-24/boulder	d b si lo w/cob		None		
	12	0-16	d b si lo w/cob	1	iron can fragment		
		16-27	d y b sa w/cob		None		
	13	0-30/boulders	d b si lo w/cob		None		
	14	0-24	d b si lo w/cob		None		
		24-34	d y b sa w/cob		None		
	15	0-31/boulders	d b si lo w/cob		None		
	16	0-28/boulders	d b si lo w/cob	2	window glass	aqua	
	17	0-27/boulders	d b si lo w/cob		None		
	18	0-17/boulders	d b si lo w/cob		None		
	19	0-16	d b si lo w/cob		None		
		16-40	d y b sa w/grv		None		
	20	0-20/boulders	d b si lo w/cob		None		
	21	0-42/boulders	d b si lo w/cob		None		
C-F2	1	0-21	d b si lo w/cob		None		
		21-40	d y b sa w/grv		None		
	2	0-39/rock	d b si lo w/cob	4	concrete w/robin's egg blue		
					paint (acrylic sealer?)		
D	1	0-24	d b si lo w/cob		None		
		24-44	y b sa w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	2	0-21	d b si lo w/cob		None		
		21-42	y b sa w/cob		None		
	3	0-20	d b si lo w/cob		None		
		20-41	y b sa w/cob		None		
	4	0-30/boulder	d b si lo w/cob		None		
	5	0-21	d b si lo w/cob		None		
		21-37	d y b sa		None		
	6	0-20	d b si lo w/cob		None		
		20-39	d y b sa		None		
	7	0-30/boulder	d b si lo w/cob		None		
	8	0-60/water	d b si lo w/cob		None		
	9	0-18	d b si lo w/cob		None		
		18-39	y b sa w/cob		None		
	10	0-20	d b si lo w/cob		None		
		20-41	y b sa w/cob		None		
	11	0-24	d b si lo w/cob		None		
		24-44	y b sa w/cob		None		
	12	0-22	d b si lo w/cob		None		
		22-42	y b sa w/cob		None		
	13	0-28	d b si lo w/cob		None		
		28-48	y b sa w/cob		None		
	14	0-21	d b si lo w/cob		None		
		21-38	d y b sa w/cob		None		
	15	0-23	d b si lo w/cob		None		
		23-40	y b sa		None		
	16	0-27	d b si lo w/cob		None		
		27-37	d y b sa		None		
	17	0-25	d b si lo w/cob		None		
		25-38	d y b sa		None		
	18	0-20	d b si lo w/cob	1	light brown stoneware	(flowerpot base?)	
				9	coal		
				1	window glass		
				1	split ring	iron	
				5	iron can fragments		
				3	mug (panelled)	clear glass	
				9	jelly jar - emb. "No. 72	clear	

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
					Pat. IN US Dec. 22, 1903,		
					July 17, 1906"		
		20-37	d y b sa		None		
	19	0-22/boulder	d y b si lo w/cob		None		
	20	0-23	d y b si lo w/cob		None		
		23-43	s b si w/cob		None		
	21	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	22	0-24	d y b si lo w/cob		None		
		24-45	s b si w/cob		None		
	23	0-15	d y b si lo w/grv		None		
		15-30	s b si w/grv		None		
	24	0-16	d y b si lo w/grv		None		
		16-33	s b si w/grv		None		
	25	0-27	d y b si lo w/grv		None		
		27-42	s b si w/grv		None		
	26	0-26	d y b si lo w/grv		None		
		26-36	s b si w/grv		None		
	27	0-19	d y b si lo w/cob		None		
		19-40	s b si w/cob		None		
	28	0-25	d y b si lo w/cob		None		
		25-45	s b si w/cob		None		
	29	0-17/boulder	d y b si lo w/cob		None		
	30	0-27	d y b si lo w/cob		None		
		27-47	s b si w/cob		None		
	31	0-33/boulder	d y b si lo w/coarse sa, grv & cob		None		
	32	0-23	d y b si lo w/grv		None		
		23-40	s b si w/grv		None		
	33	0-27	d y b si lo w/grv		None		
		27-37	s b si w/grv		None		
	34	0-26	d y b si lo w/grv		None		
		26-41	s b si w/grv		None		
	35	0-26/boulder	d y b si lo w/cob		None		
	36	0-25	d y b si lo w/cob		None		
		25-45	s b si w/cob		None		
	37	0-23	d y b si lo w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		23-43	s b si w/cob		None		
	38	0-25/boulder	d y b si lo w/cob		None		
	39	0-38/boulder	d y b si lo w/coarse sa, grv & cob		None		
	40	0-23	d y b si lo w/grv		None		
		23-38	s b si w/grv		None		
	41	0-18	d y b si lo w/grv		None		
		18-35	s b si w/grv		None		
	42	0-27	d y b si lo w/grv		None		
		27-37	s b si w/grv		None		
	43	0-29/boulder	d b sa lo w/cob		None		
	44	0-27/boulder	d y b si lo w/cob		None		
	45	0-24	d y b si lo w/cob		None		
		24-46	s b si w/cob		None		
	46	0-20	d y b si lo w/cob		None		
		20-40	s b si w/cob		None		
	47	0-18	d y b si lo w/cob		None		
		18-40	s b si w/cob		None		
	48	0-45	d y b si lo w/grv		None		
		45-55	s b si w/grv		None		
	49	0-30	d y b si lo w/grv		None		
		30-45	s b si w/grv		None		
	50	0-25	d y b si lo w/grv		None		
		25-47	s b si w/grv		None		
	51	0-17	d y b si lo w/grv		None		
		17-35	s b si w/grv		None		
	52	0-45/boulder	d b sa w/cob		None		
	53	0-40/boulder	d b sa w/cob		None		
	54	0-25	d y b si lo w/cob		None		
		25-35/bedrock	s b si w/cob		None		
	55	0-22	d y b si lo w/cob		None		
		22-43	s b si w/cob		None		
	56	0-47/boulder	d b si lo w/coarse sa, grv & cob		None		
	57	0-50/boulder	d b si lo w/coarse sa, grv & cob	1	Rheingold Extra-Dry can		
	58	0-45/boulder	d b si lo w/coarse sa, grv & cob		None		
	59	0-25	d y b si lo w/cob		None		
		25-46	s b si w/cob		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	60	0-27	d y b si lo w/cob		None		
		27-49	s b si w/cob		None		
	61	0-23	d y b si lo w/cob		None		
		23-43	s b si w/cob		None		
	62	0-28	d y b si lo w/grv		None		
		28-49	s b si w/grv & cob		None		
	63	0-24/boulder	d y b si lo w/grv		None		
	64	0-33	d y b si lo w/grv		None		
		33-51	s b si w/cob		None		
	65	0-20	d y b si lo w/grv		None		
		20-41	s b si w/cob		None		
	66	0-35/boulder	d y b si lo w/grv		None		
	67	0-42/boulder	d y b si lo w/grv		None		
	68	0-16	d y b si lo w/grv		None		
		16-31	s b si w/grv		None		
	69	0-19	d y b si lo w/grv		None		
		19-40	s b si w/grv		None		
	70	0-31/boulder impasse	d y b si lo w/grv		None		
	71	0-17	d y b si lo w/grv		None		
		17-40	s b si w/cob		None		
	72	0-21/boulder	d y b si lo w/grv		None		
	73	0-24/boulder	d y b si lo w/grv		None		
	74	0-18/boulder	d y b si lo w/grv		None		
	75	0-21	d y b si lo w/grv		None		
		21-38	s b si w/grv		None		
	76	0-21	d y b si lo w/grv		None		
		21-33	s b si w/grv		None		
	77	0-16	d y b si lo w/grv		None		
		16-36	s b si w/grv		None		
	78	0-12	d y b si lo w/grv		None		
		12-23	s b si w/grv		None		
	79	0-19/boulder	d y b si lo w/grv		None		
	80	0-20/bedrock	d y b si lo w/grv		None		
	81	0-19	d y b si lo w/grv		None		
		19-40	s b si w/cob		None		
	82	0-12/bedrock	d y b si lo w/grv		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	83	0-17	d y b si lo w/grv		None		
		17-38	s b si w/cob		None		
	84	0-25	d y b si lo w/grv		None		
		25-38	s b si w/grv		None		
	85	0-16	d y b si lo w/grv		None		
		16-30	s b si w/grv		None		
	86	0-19	d y b si lo w/grv		None		
		19-40	s b si w/grv		None		
	87	0-19	d y b si lo w/grv		None		
		19-41	s b si w/grv		None		
	88	0-15	d y b si lo w/grv		None		
		15-34	s b si w/grv		None		
	89	0-19/boulder	d y b si lo w/grv		None		
	90	0-18	d y b si lo w/grv		None		
		18-40	s b si w/cob		None		
	91	0-27	d y b si lo w/grv		None		
		27-37	s b si w/grv		None		
	92	0-24	d y b si lo w/grv		None		
		24-45	s b si w/cob		None		
F	1	0-22/bedrock	d b si lo w/cob		None		
	2	0-19	d b si lo w/cob		None		
		19-40	d y b si w/cob		None		
	3	0-23	d b si lo w/cob		None		
		23-43	d y b si w/cob		None		
	4	0-25/bedrock	d b si lo w/cob		None		
	5	0-15	d b si lo		None		
		15-31	d y b si		None		
	6	0-7/bedrock impasse	d b si lo		None		
	7	0-20/bedrock impasse	d b si lo		None		
	8	0-13	d b si lo		None		
		13-23	d y b si		None		
	9	0-18	d b si lo w/cob		None		
		18-40	d y b si w/cob		None		
	10	0-20/bedrock	d b si lo w/cob		None		
	11	0-19/bedrock	d b si lo w/cob		None		
	12	0-16	d b si lo		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		16-31	d y b si		None		
	13	0-9/water	d b si lo		None		
	14	0-21	d b si lo		None		
		21-36	d y b si		None		
	15	0-47/bedrock	d b si lo w/cob		None		
	16	0-24/water	d b si lo w/cob		None		
	17	0-27	d b si lo w/cob	1	plate glass	aqua	
		27-47	d y b si w/cob		None		
	18	0-25	d b si lo w/cob		None		
		25-45	d y b si w/cob		None		
	19	0-31/boulder	d b si lo w/cob	1	wire nail w/add nail stuck to it		
				1	layered lump of melted	aqua	
					window glass		
				1	iron fragment		
	20	0-19	bl si lo	4	plate glass	aqua	
				12	wire nails		
				2	burned asphalt lumps		
		19-31	d b si w/cob		None		
	21	0-31/boulder	d b si lo w/cob		None		
	22	0-21	d b si lo w/cob		None		
		21-41	d y b si w/cob		None		
	23	0-29/boulder	d b si lo w/cob	8	brick fragments	Hutton emb. "ON"	
				3	modern extruded brick		
					paver fragments		
				4	mortar fragments		
	24	0-29	d b si lo w/cob	1	brick (1/2)		
		29-50	d y b si w/cob		None		
	25	0-21/boulder	d b si lo w/cob	1	brick fragment		
	26	0-21	d b si lo w/cob		None		
		21-41	d y b si w/cob		None		
	27	0-28	d b si lo w/cob		None		
		28-49	d y b si w/cob		None		
	28	0-31/boulder	d b si lo w/cob	3	charcoal		
				3	unident bottle	amber	
				1	window glass		
				1	sandstone w/attached		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
					melted asphalt and wire nail		
	29	0-35/boulder impasse	d b si lo	1	MC nail		
	30	0-31/boulder impasse	d b si lo w/ash & charcoal		None		
	31	0-50/foundation stone	d b si lo w/ash & charcoal	1	brick fragment		
				3	wire nails		
				3	window glass	(1 melted)	
				1	.22 caliber cartridge		
				3	plaster fragments		
				3	carbonized board fragments		
				14	MC nails		
				10	MC lathe nails		
				10	wire nails		
				2	iron lumps		
				1	sash weight		
	32	0-38/large rock impasse	d b si lo	2	window glass		
				1	wood		
				2	mortar		
				2	wire nails		
				1	brick (1/2)	emb. "HU" - "HUTTON"	
	33	0-24	d b si lo w/cob	2	plastic (battery fragments?)		
				2	brick fragments		
				2	wooden board fragments		
				1	annular whiteware post-1820		
		24-44	d y b si w/cob		None		
	34	0-28	d b si lo	5	coal		
				1	oyster		0.2
				1	union oval bottle	amber	
				2	window glass		
				1	MC nail		
		28-47	d y b si		None		
	35	0-30/bedrock	d b si lo w/cob		None		
	36	0-23/wood debris impass	d b si lo	2	wood board fragments		
				1	wood board w/paint		
				3	hydraulic hose fragments		
	37	0-45/boulder impasse	d b si lo	1	unident bottle	amber	
				1	melted glass	clear	

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
				1	unident bottle (med.?)	cobalt	
				1	lamp chimney (?)	milkglass	
				1	coal		
				1	HW nail		
				1	wire nail		
	38	0-44/boulder	d b si lo		None		
	39	0-31	d b si lo	3	window glass		
				1	coal		
				1	mortar cast from brick		
					emb. "OT"		
		31-45	d y b si		None		
	40	0-20	d b si lo		None		
		20-37	d y b si		None		
	41	0-32/rock impasse	d b si lo		None		
	42	0-31/rock impasse	d b si lo		None		
	43	0-36/rock impasse	d b si lo		None		
	44	0-25/boulder	d b si lo w/cob		None		
	45	0-18	d b si lo w/cob		None		
		18-37	d y b si w/cob		None		
	46	0-16	d b si lo w/cob		None		
		16-39	d y b si w/cob		None		
	47	0-21	d b si lo w/cob		None		
		21-41	d y b si w/cob		None		
	48	0-39/boulder	d b si lo w/cob		None		
	49	0-18	d b si lo w/cob		None		
		18-40	d y b si w/cob		None		
G	1	0-24	b si lo		None		
		24-42	d y b si		None		
	2	0-23	b si lo		None		
		23-43	d y b si		None		
	3	0-21	b si lo w/rk & grv		None		
		21-36	d y b si		None		
	4	0-28	b si lo w/rk & grv		None		
		28-40	d y b si		None		
	5	0-26	b si lo w/rk & grv		None		
		26-38	d y b si		None		

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
	6	0-24	b si lo		None		
		24-44	d y b si		None		
	7	0-20	b si lo		None		
		20-40	d y b si		None		
	8	0-27	b si lo		None		
		27-48	d y b si		None		
	9	0-25	b si lo w/rk & grv		None		
		25-38	d y b si		None		
	10	0-24	b si lo w/rk & grv		None		
		24-39	d y b si		None		
	11	0-5/bedrock	dark humic material		None		
	12	0-20/bedrock	b si lo		None		
	13	0-21/bedrock	b si lo		None		
	14	0-26	b si lo		None		
		26-42	d y b si		None		
	15	0-26	b si lo		None		
		26-46	d y b si		None		
	16	0-19/bedrock	b si lo		None		
	17	0-26	b si lo		None		
		26-46	d y b si		None		
	18	0-27/bedrock	b si lo		None		
	19	0-31	b si lo		None		
		31-50	d y b si		None		
	20	0-25	b si lo		None		
		25-45	d y b si		None		
	21	0-23	b si lo		None		
		23-39	d y b si		None		
	22	0-21/bedrock	b si lo		None		
	23	0-26	b si lo		None		
		26-40	d y b si		None		
	24	0-20	b si lo		None		
		20-36	d y b si		None		
	25	0-16	b si lo		None		
		16-31	d y b si		None		
	26	0-24	bl si lo	5	charcoal		
				1	bottle glass	clear	

SHOVEL TEST RECORD

Area	ST#	Depth	Soil Description	Q	Artifacts	Mat./Descr.	Wt.(g)
		24-50	d y b si		None		
	27	0-16	b si lo	10	charcoal		
		16-21	d y b si		None		
	28	0-22	b si lo		None		
		22-42	d y b si		None		
	29	0-19/bedrock	b si lo		None		
	30	0-17/bedrock	b si lo		None		
	31	0-20	b si lo		None		
		20-41	d y b si		None		
	32	0-21	b si lo		None		
		21-41	d y b si		None		
	33	0-20	b si lo		None		
		20-42	d y b si		None		
	34	0-18	b si lo		None		
		18-39	d y b si		None		
	35	0-17	b si lo		None		
		17-37	d y b si		None		
				N=			
				366			

SHOVEL TEST RECORD

APPENDIX 2

NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion — 2 Historic Barn Structures in Area D

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443
Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): Belle Ayre Barns (Area D)

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete X partial X collapsed ___ not evident ___
Foundation: above X below _ (ground level) not evident _____
X Structural subdivisions apparent ___ Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): stone, bricks, poured concrete

Soil Drainage: Fair X
Distance to nearest water from structure (approx,) 100-150 ft. Elevation: c. 1980 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials; No artifacts collected-see below for list of items on surface.

6. Site inventory:
a. Date constructed or occupation period c.1880-1920 (?)
b. Previous owners, if known: see below

7. Site documentation (append additional sheets, if necessary):
a. Historic map references: Not on historic maps. May be related to "J.C. Loomis" on 1875 Beers Map.

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): This form recognizes two adjacent barn foundations (one with stone ramp) that are typical of cattle barns in the Catskills. One of the barns has manure gutters similar to those shown in Halsted 1983:63 for an Orange County dairy barn. Both barn foundations were roughly sketched in the field and three dumps were examined for clues as to their time brackets. Dump #1 consisted of screw top bottles, amber Clorox bottles, blue screw cap Milk of Magnesia bottles, magnum-sized champagne bottles, fruit jars from c. 1910-1940, Guldens mustard (c. 1940's-1960's), green beer bottles (Rolling Rock/Molson), Ball Mason jars (c. 1930-1960's), paint cans, 1 gallon vinegar jugs, porcelain toilets, pink depression glass, College Inn broth bottles, and a number of whiskeys bottles embossed "Federal Law Forbids sale or reuse of this Bottle", an embossing common on whiskey bottles from 1933 to 1964 (Munsey 1970:126).

Dump #2 consisted of paint cans, some crockery (salt glazed stoneware), buckets, syrup bottles, screw top bottles of various sorts, "Lavoris" mouthwash bottles, amber Clorox bottles, "Hotelware" with green stripes,

and toilets.

Dump #3 had numerous screw top bottles, paint cans, buckets, toilets and handled syrup or vinegar jugs.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

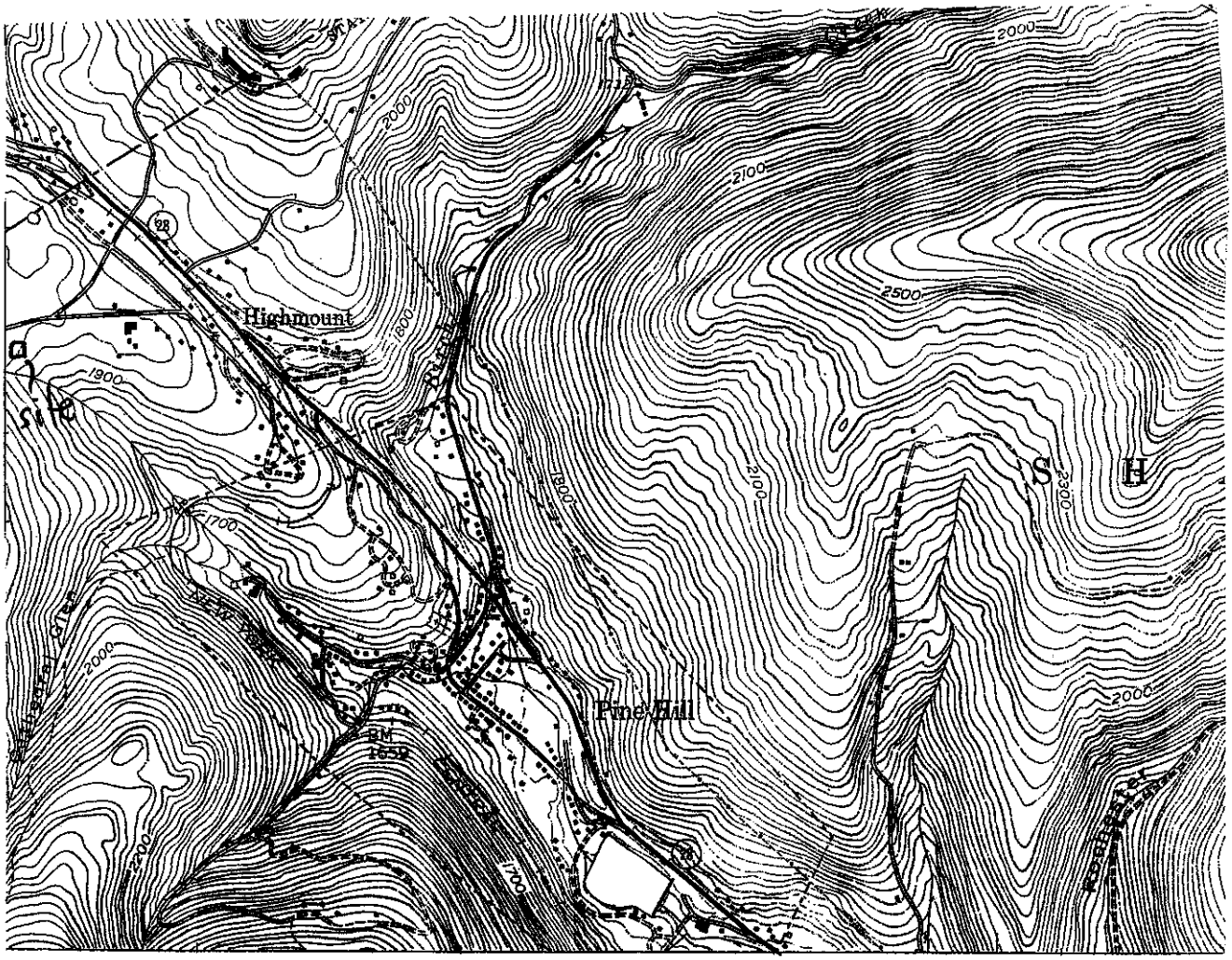
USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.

References:

Halsted, Byron D.

1977 *Barns, Sheds and Outbuildings: Placement, Design and Construction.* The Stephen Greene Press, Brattleboro, Vermont. (Originally Published in 1881 as *Barn Plans and Outbuildings.*)



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion

Historic Site in Area B

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443

Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): Mullinz Site

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount,NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete __ partial _ collapsed ___ not evident X
Foundation: above _ below _ (ground level) not evident X
___ Structural subdivisions apparent ___ Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): fieldstone

Soil Drainage: Fair __
Distance to nearest water from structure (approx,) 500 ft. Elevation: c. 1900 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials;

6. Site inventory:
a. Date constructed or occupation period c. 1853-c.1900
b. Previous owners, if known: see below

7. Site documentation (append additional sheets, if necessary):
a. Historic map references:
1853 Brink and Tillson Map: location of house of "Mullinez"
1858 French Map: location of house of "H. Johnson"
1875 Beers Map: location of house of "H. Whispell"
No house shown on 1904 USGS

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): Artifacts (N=137) from Area B can be broken down into categories such as building and structural materials, food remains/kitchen related, personal, furniture hardware and modern. Building materials consist of 2 mortar, 26 window glass, 1 plate glass, 4 slag, 5 cinder, 9 coal, 8 charcoal, 3 wire nails, 1 handwrought nail, 2 machine cut nails, 1 machine cut lathe nail, and 2 iron lumps. Food remains/kitchen related consists of 1 oyster, 1 clam, 1 bone fragment, 1 tooth, 32 unidentified bottle, 1 red earthenware, 21 whiteware, 5 iron can fragments, 2 pepsi fragments, 1 flower pot frag, and ,1 soda closure. Personal items consist of 1 whiskey flask fragment, 1 glass button, and 1 cream/pomade. Furniture hardware is

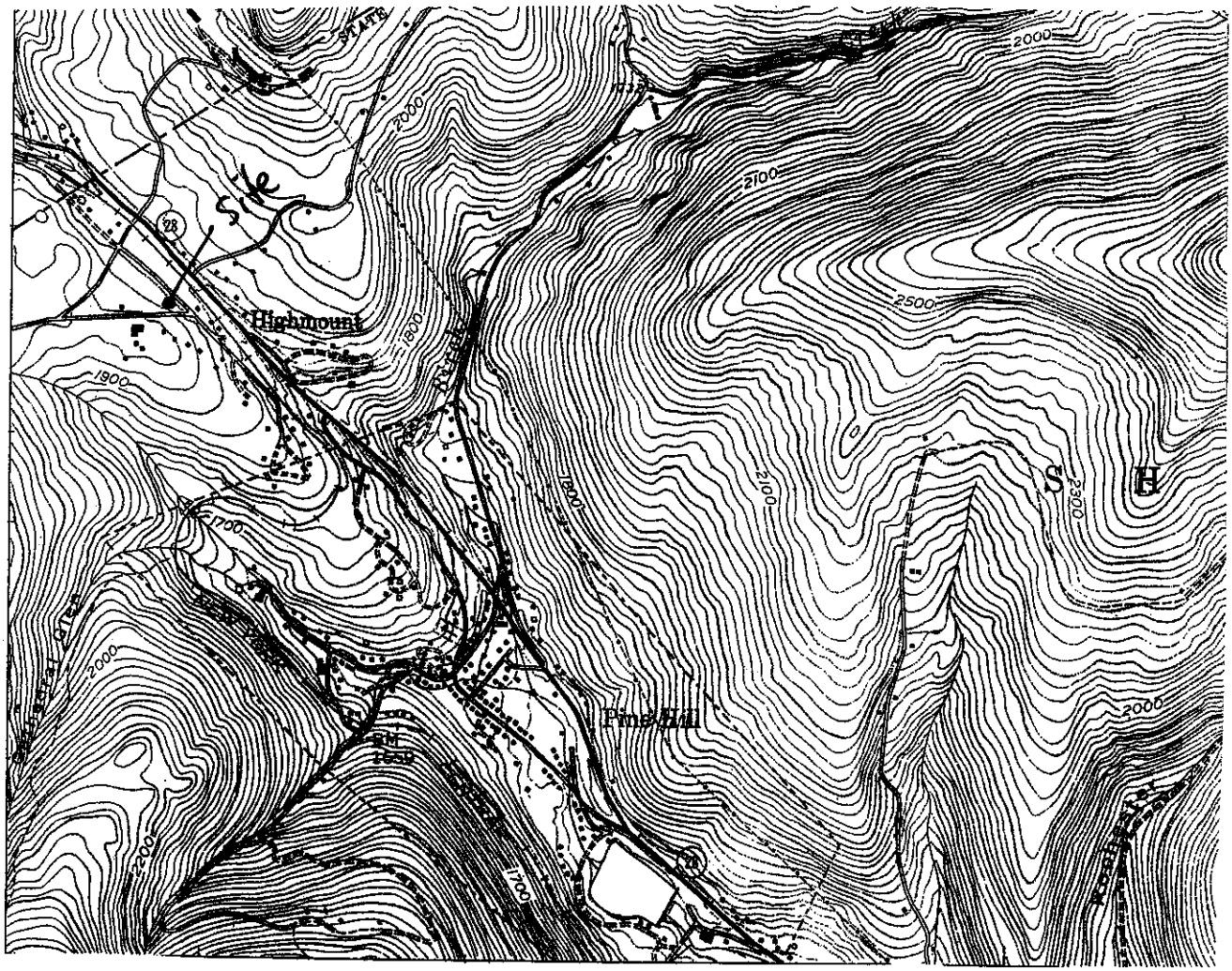
represented by one item-a file cabinet attachment to hold a label. Modern artifacts consist of 2 plastic items.

** Note: We did not find evidence of a cellar hole, but did find evidence of a stone retaining wall along the old Ulster and Delaware Turnpike. Also-a well.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier: _____

Project Identifier: Belle Ayre Expansion

Cemetery above Area D

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443

Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): Belle Ayre Cemetery

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount, NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Cemetery
List construction materials (be as specific as possible): fieldstone walls delineate the boundary of the graveyard.

Soil Drainage: Fair X
Distance to nearest water from cemetery (approx,) N/A Elevation: c. 1980 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

6. Site inventory:
a. Date constructed or occupation period c. 1848-1890's
b. Previous owners, if known: see below

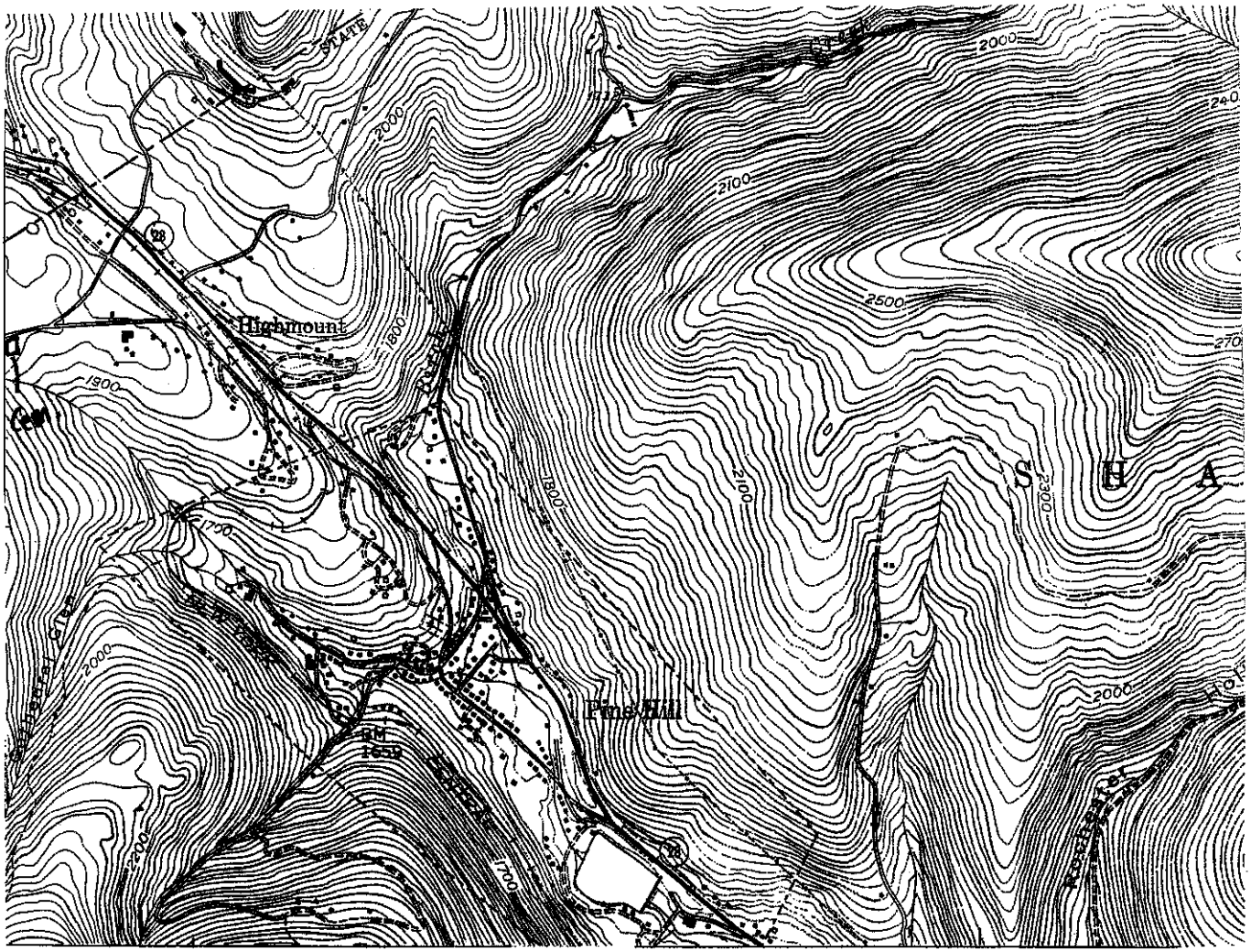
7. Site documentation (append additional sheets, if necessary):
a. Historic map references: Not on any historic maps.
This small cemetery between Area D and the existing large parking lots (area E) appear to have served several families during the time period c. 1848-into the 1890's. These include the Thompson, Deunslyne, Symond, Cure, Tyler and Whitney families. Several Civil War veterans are buried here as several of the graves are decorated with GAR (Grand Army of the Republic) memorial pins.

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): gravestones made of fieldstone and imported (New England or Dutchess County) marble.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print (s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion

Group of Structures in Area C

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443

Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): Bell Ayre farm complex

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount,NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete X partial X collapsed ___ not evident ___
Foundation: above X below __ (ground level) not evident _____
X Structural subdivisions apparent ___ Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): stone, poured concrete

Soil Drainage: Fair X
Distance to nearest water from structure (approx,) 25 ft. Elevation: c. 1880-1900 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials;

6. Site inventory:
a. Date constructed or occupation period c.1880-1920 (?)
b. Previous owners, if known:

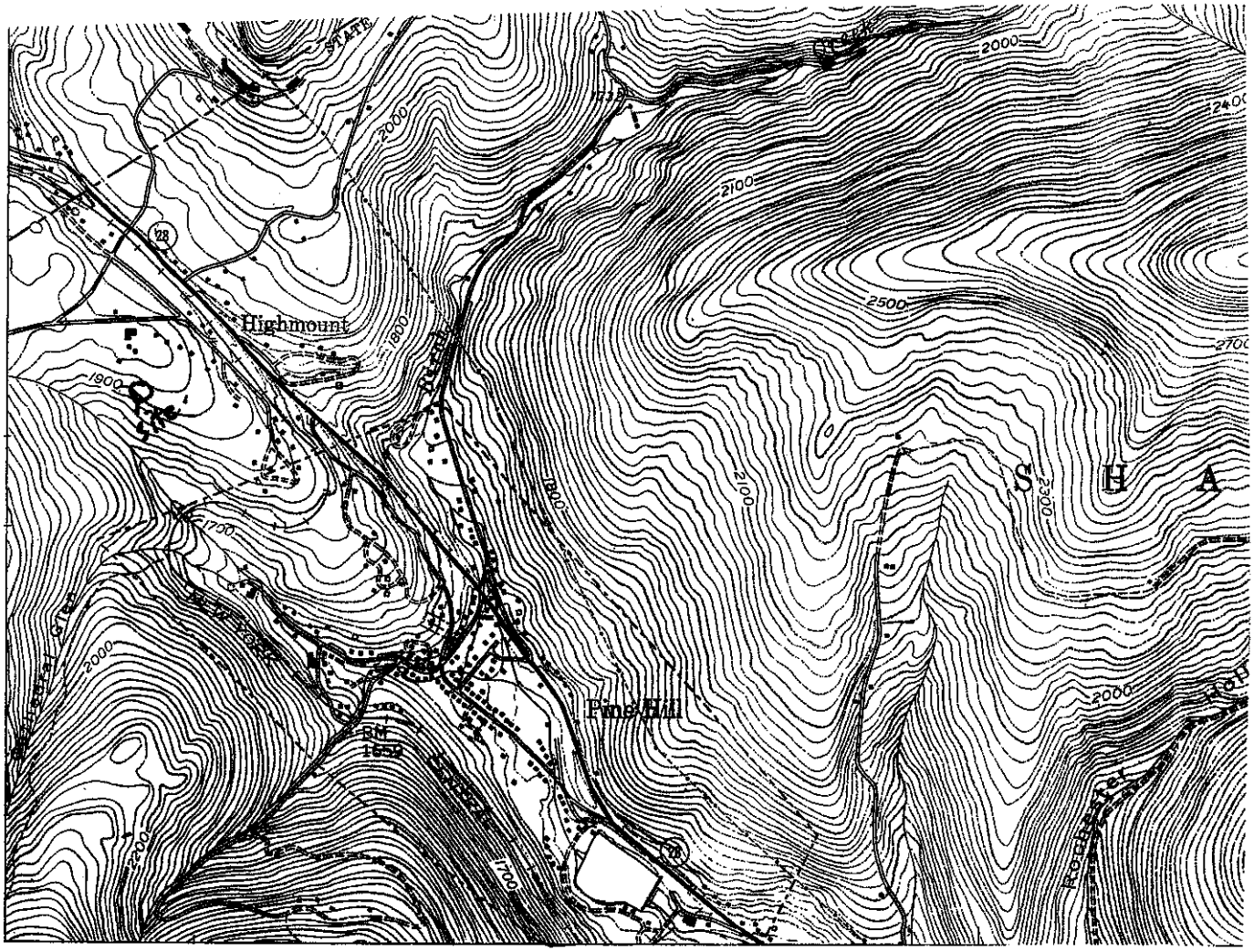
7. Site documentation (append additional sheets, if necessary):
a. Historic map references: Not on historic maps. May be related to "J.C. Loomis" on 1875 Beers Map.

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): 21 ST's excavated, with 5 producing artifacts–8 artifacts. These include 2 machine cut nails, 2 unidentifiable bottle, 1 iron can, and 3 window glass.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion

Historic Site in Area C

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443

Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): J.C. Loomis Site

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount,NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete __ partial _ collapsed ___ not evident X
Foundation: above _ below _ (ground level) not evident ____
___ Structural subdivisions apparent X Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): concrete and brick frags at surface, Stone steps, large trees along road

Soil Drainage: Fair X
Distance to nearest water from structure (approx,) 500 ft. Elevation: c. 1900ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials;

6. Site inventory:
a. Date constructed or occupation period c. 1875
b. Previous owners, if known: see below

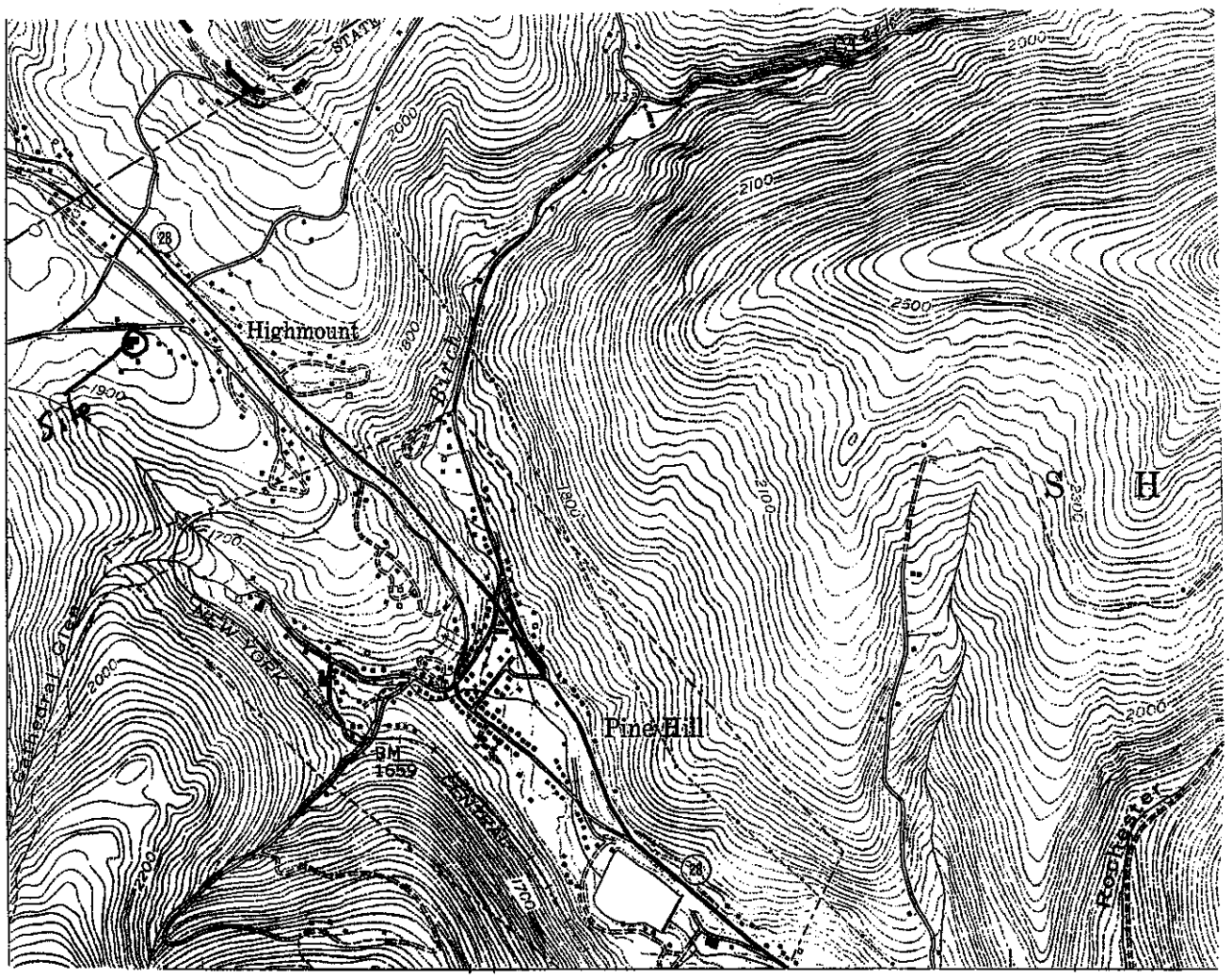
7. Site documentation (append additional sheets, if necessary):
a. Historic map references:
Not on 1853 Brink and Tillson or 1858 French Maps.
On 1875 Beers map: House of "J.C. Loomis"
On 1904 USGS with another structure to its east or west.

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material):

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion

Structures in Area C
Possible pool
Date: 1/8/10

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): Loomis pool/cistern

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount,NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete __ partial X collapsed ___ not evident ___
Foundation: above X below __ (ground level) not evident _____
___ Structural subdivisions apparent ___ Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): stone, poured concrete

Soil Drainage: Fair X
Distance to nearest water from structure (approx,) 300 ft. Elevation: c. 1880-1900 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials;

6. Site inventory:
a. Date constructed or occupation period c.1880-1920 (?)
b. Previous owners, if known:

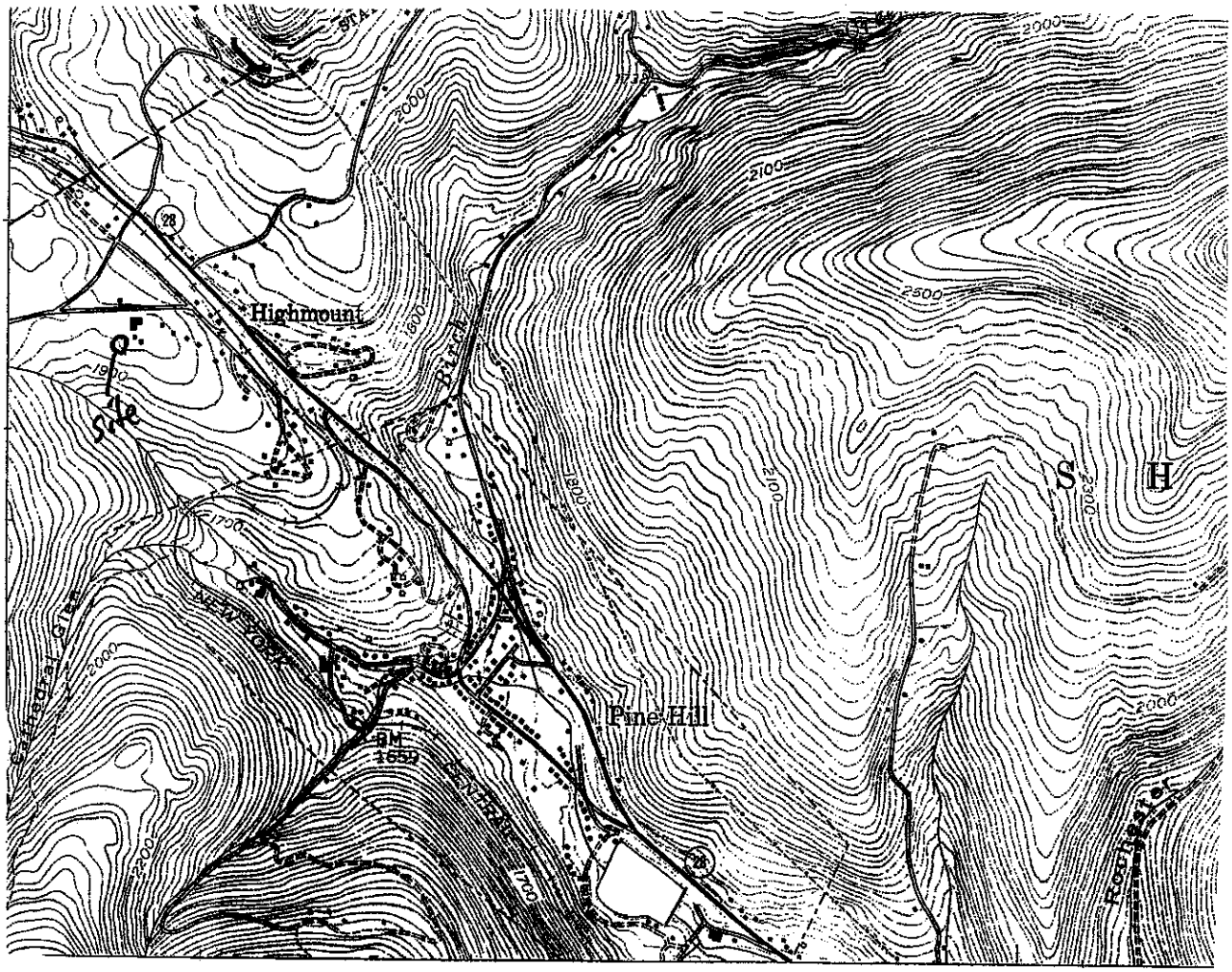
7. Site documentation (append additional sheets, if necessary):
a. Historic map references: Not on historic maps. May be pool or cistern related to "J.C. Loomis" on 1875 Beers Map.

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): Artifacts consist of cement with robins-egg blue paint.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **West Kill**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier:_____

Project Identifier: Belle Ayre Expansion

Historic Site in Area F

Your Name: Joseph E. Diamond, Ph.D.
Address: 290 Old Route 209, Hurley, NY 12443

Date: 1/8/10
Phone (845) 338-0091

Organization (if any): Archaeological Consultant

1. SITE IDENTIFIER(S): W. Whispell Site

2. COUNTY: Ulster One of the following: Town: Shandaken

3. PRESENT OWNER New York State Department of Environmental Conservation
Address: P.O. Box 313, Route 28, Highmount,NY 12441

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete __ partial _ collapsed ___ not evident X
Foundation: above _ below X (ground level) not evident _____
___ Structural subdivisions apparent ___ Only surface traces visible
___ Buried traces detected
List construction materials (be as specific as possible): stone, bricks, nails, mortar, plaster

Soil Drainage: Fair __
Distance to nearest water from structure (approx,) 200 ft. Elevation: c. 2120 ft AMSL

5. Site Investigation (append additional sheets, if necessary):
Manuscript or published report:

Joseph E. Diamond, Ph.D. SEQRA Phase 1 Archaeological Investigation, Proposed Belle Ayre Expansion Town of Shandaken, Ulster Co., NY (1/8/10)

Present repository of materials;

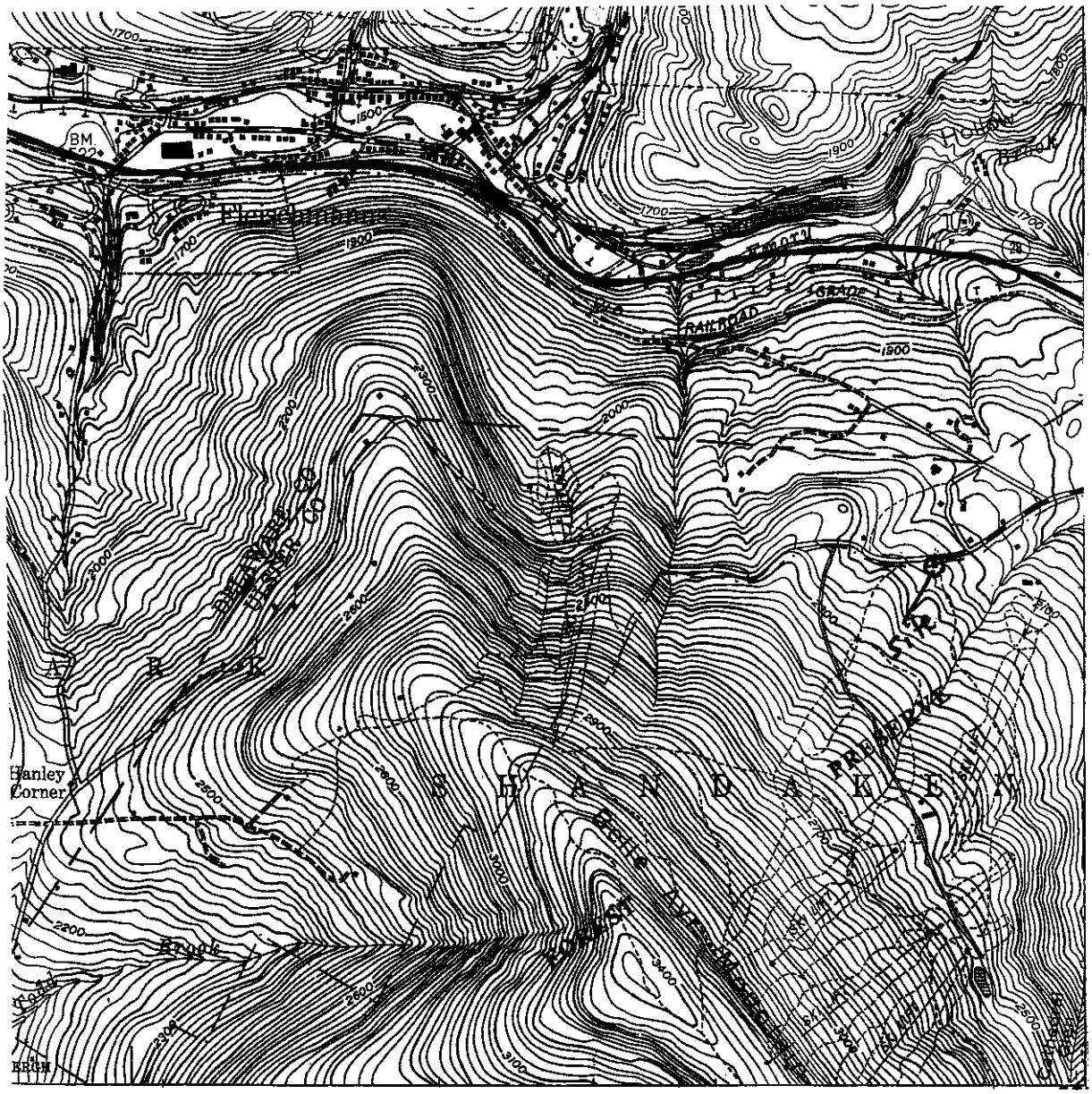
6. Site inventory:
a. Date constructed or occupation period c.
b. Previous owners, if known: see below

7. Site documentation (append additional sheets, if necessary):
a. Historic map references:
1853 Brink and Tillson Map: location of house of "Whispell"
1858 French Map: location of house of "W.Whispell"
1875 Beers Map: location of house of "W.W"
House shown on 1904 USGS
House shown on modern USGS (Fleischmanns Quadrangle)

8. List of material remains other than those used in construction (be as specific as possible in identifying object and material): Artifacts (N=144) from Area F can be broken down into categories such as building and structural materials, food remains/kitchen related, lighting, arms-related, and modern. Building materials consist of 7 mortar, 17 brick fragments, 3 plaster, 11 window glass, 5 plate glass, 3 melted window glass, 7 coal, 3 charcoal, 30 wire nails, 1 handwrought nail, 16 machine cut nails, 10 machine cut lathe nail, 1 iron sash weight, 1 iron fragment, 3 carbonized/burned board, 5 board fragments, 1 board frag. w/attached

paint, and 2 iron lumps. Food remains/kitchen related consists of 1 oyster, 5 unidentified bottle, 1 whiteware, 1 Union Oval medicine/pharmacy bottle fragment. Lighting-related items consist of 1 lamp chimney fragment. The arms group is represented by 1 .22 caliber brass cartridge. Modern artifacts consist of 2 plastic items, 3 hydraulic rubber hose frags, and 3 burned asphalt lumps.

9. Map References: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8_" x 11", if possible.

USGS 71/2 Minute Series Quad. Name: **Fleischmanns**
For Office Use Only--UTM Coordinates _____

10. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.