PHASE 1 CULTURAL RESOURCE INVESTIGATION

PROPOSED RAIL TRAIL SUBDIVISION

TOWN OF WAPPINGER, DUTCHESS CO., NY

DEC# 3-1356-00253/00001

PREPARED FOR:

POVALL ENGINEERING, PLLC

1906 ROUTE 52, SUITE 4

WICCOPEE PLAZA

HOPEWELL JUNCTION, NY 12533

NOVEMBER 7th, 2008

PREPARED BY: JOSEPH E. DIAMOND, Ph.D.

290 OLD ROUTE 209,

HURLEY, N.Y. 12443

845-338-0091

New York State Office of Parks, Recreation and Historic Preservation
Historic Preservation Field Services Bureau
Peebles Island Resource Center, PO Box 189, Waterford, NY 12188-0189 (Mail)
Delaware Avenue, Cohoes 12047 (Delivery)
(518) 237-8343

PROJECT REVIEW COVER FORM

Rev. 10-04

Please complete this form and attach it to the top of any and all information submitted to this office for review. Accurate and complete forms will assist this office in the timely processing and response to your request.

This information relates to a previously submitted project.

PROJECT NUMBER ____PR_____

COUNTY Dutchess

☐ If you have checked this box and noted the previous Project Review (PR) number assigned by this office you do not need to continue unless any of the required information below has changed.

2. This is a new project. ☒ If you have checked this box you will need to complete ALL of the following information.

Project Name Rail Trail Subdivision

Location End of Airport Drive
You MUST include street number, street name and/or County, State or interstate route number if applicable

City/Town/Village Wappingers
List the correct municipality in which your project is being undertaken. If in a hamlet you must also provide the name of the town.

County Dutchess.
If your undertaking* covers multiple communities/counties please attach a list defining all municipalities/counties included.

TYPE OF REVIEW REQUIRED/REQUESTED (Please answer both questions)

A. Does this action involve a permit approval or funding, now or ultimately from any other governmental agency?

☐ No ☒ Yes

If Yes, list agency name(s) and permit(s)/approval(s)

Agency involved	Type of permit/approval	State	Federal
SEQRA		☒	☐
SPEDES (DEC)		☒	☐
Stream Crossing (DEC)		☐	☐

B. Have you consulted the NYSHPO web site at http://www.nysparks.state.ny.us/shpo to determine the preliminary presence or absence of previously identified cultural resources within or adjacent to the project area? If yes: ☒ Yes ☐ No

Was the project site wholly or partially included within an identified archeologically sensitive area? ☒ Yes ☐ No

Does the project site involve or is it substantially contiguous to a property listed or recommended for listing in the NY State or National Registers of Historic Places? ☐ Yes ☒ No

CONTACT PERSON FOR PROJECT

Name William Povall **Title** Engineer

Firm/Agency Povall Engineering, PLLC

Address 1906 Route 52, Suite 4 **City** Hopewell Jct **STATE** NY **Zip** 12533

Phone (845) 897-8205 **Fax** (845) 897-0042 **E-Mail** billp@Povallengineering.com

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1. Shovel Test Record.
2. OPRHP Prehistoric Site Inventory Forms (2).

CULTURAL RESOURCE INVESTIGATION

Management Summary

SHPO: Project Review #: **DEC# 3-1356-00253/00001**

Involved State and Federal Agencies: **SEQRA, SPDES GP-002-01**
Stream Crossing permit

Phase of Survey: **Phase 1**

Location Information:
Survey Area (Metric and English): **114.30 acre (46.26 hectare)**
Length: **c. 5200 ft (1585 m) north/south**
Width: **c. 2000 ft (610 m) east/west**

USGS 7.5 Minute Quadrangle Map: **Pleasant Valley and Hopewell Junction Quadrangles**
Archaeological Survey Overview:

Results of Archaeological Survey
Number & name of prehistoric sites identified: **Two.**
Rail Trail Subdivision, Locus 1
Rail Trail Subdivision, Locus 2

Number & name of historic sites identified: **None.**
Number & name of sites recommended for Avoidance: **Rail trail Subdivision, Locus 2**

Results of Architectural Survey
Number of buildings/structures/cemeteries within project area: **None**

Number of buildings/structures adjacent to project area: **None.**
Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: **None**
Number of identified eligible buildings/structures/cemeteries/districts: **None**

Report Author: **Joseph E. Diamond, Ph.D.**

Date of Report: **11/7/08**

PHASE 1A ARCHAEOLOGICAL SURVEY

Introduction

This cultural resource survey was conducted to evaluate the proposed Rail Trail Subdivision in the Town of Wappinger, Dutchess County, NY (Maps 1 and 2). The project area is a 114.30 acre (46.26 hectare) parcel located at the end of Airport Drive. The project area is a roughly diamond-shaped parcel with numerous projections that abut Hackensack Heights Road in its southwestern portion, and the old New York and New Haven Railroad line, now Consolidated Rail, along a portion of its eastern edge (Map 3). The proposed project is at this point a subdivision with 44.6 acres (18.05 ha) of wetland, 30.68 acres (12.4 ha) of wetland buffer, and a proposed stream crossing from Airport Drive to provide access. The APE is defined on Map 3 (enclosure). The project area is currently a combination of fields, partially grown in fields and woodland. The author was contacted by Mr. Frank Buyakowski of Global Satellite, LLC the owner of the property in July of 2008. A literature survey was conducted at OPRHP by Croshier Archaeological Research on 7/24/08.

Environmental/Physical Setting

The project area consists of 114.30 acres (46.26 hectares) of which about 44 acres (17 ha) will be disturbed by construction activities. A walkover of the project area found no indication of any rock face or outcrop large enough to permit use as a prehistoric rockshelter or windbreak. There are no locations within the project area where bedrock outcrops break the surface.

The flora in the project area is composed of maple, hickory, shagbark hickory, ash, white and red oak, elm, dogwood, beech, locust, cherry, tulip tree, sassafras, white pine, cedar, elm, and sumac. Ground species include ferns, skunk cabbage, wild rose, poison ivy, mountain ivy, and various grasses.

The soils in the project area (Map 4) consist of Troy Gravelly loam, sloping phase (Te), Troy Gravelly loam, gently sloping phase (Tc), Albia gravelly silt loam, gently sloping phase (Aa), Boynton gravelly silt loam (Bd), Cossayuna gravelly loam, undulating and rolling phases (Cx), and Wayland (We) silt-loams in the wetlands (Dutchess County Soil Survey 1955: Sheets 12 and 17).

The bedrock geology consists primarily of the Upper Ordovician Austin Glen Formation of greywacke and shale, and the Normanskill Formation of shale, argillite and siltstone (Fisher *et al.* 1970: Lower Hudson Sheet).

Background Research

PREHISTORIC ARCHAEOLOGICAL SITES

A search of the site files at the Office of Parks, Recreation and Historic Preservation (including the New York State Museum's prehistoric site files) on 7/24/08 by Croshier Archaeological Research located five pre-contact sites within a one mile radius of the project area (see Table 1). Of these, four have no information on archaeological phase/culture, and one is a Paleo-Indian site. None are located within the project area.

HISTORIC ARCHAEOLOGICAL SITES

The site file search located one historic archaeological site within a one mile radius of the project area. This is the Tangredi Farm site, an 18th to 19th century farm. Within a one mile radius are three historic structures (A027-19-0009, 0010, and 0011). A total of four additional archaeological surveys (City/Scape 2006, Cohen 2003, Diamond 2000, Werner and Werner 2007) were conducted within a one mile radius.

An examination of four historic maps of the area was informative. Map 5, the 1850 Sidney Map, shows no structures within the project area. The same is true for Map 6 (1858 Gillette), Map 7 (1867 Beers Map), and Map 8 (1876 Grey's Atlas). Based on a walkover and an examination of soil cuts, it appears that the project area is reforested farm fields. The structures immediately surrounding the project area are new ranch houses and split levels, except for those that have been sent in on structure forms for other adjacent

surveys. Structures on Airport Road are recent industrial or business buildings. Consequently, no OPRHP Historic Structure Forms were filled out for the project area.

Sensitivity Assessment

PREHISTORIC

The literature search at OPRHP located five known prehistoric site within a one mile (+) radius of the project area. Of the five, there is no information on four of them, and one is a Paleo-Indian fluted point found during a shovel testing survey. The closest site is 1000 feet away, and the Paleo-Indian site is c. 5500 feet away, or just on the edge of a one mile radius. Because of the presence of five pre-contact sites within a one mile radius, and the fact that there is a small drainage along the western edge of the project area, the project area should be considered high to moderately sensitive to the presence of prehistoric archaeological sites.

HISTORIC

Based on an examination of four historic maps of the project area, as well as a thorough walkover, the possibility of encountering historic archaeological resources in the project area is considered low. There are no 19th century map documented structures (MDS) within the project area, and none were found during an extensive walkover.

Recommendations

The proposed project area's proximity to five known prehistoric sites would suggest that prehistoric archaeological materials and/or sites might be found in the project area. Due to the project area's potentially sensitive location near a small brook, it is recommended that a Phase 1B Archaeological Field Investigation be conducted. In this case, hand-excavated, hand-screened shovel tests should be placed at 50 foot (15.2 m) intervals (or less) within the Area of Proposed Effect (APE). All excavated soils should be screened through 1/4 inch hardware mesh and examined for prehistoric and historic artifacts. A Munsell soil color chart should be used to determine soil colors.

PHASE 1B ARCHAEOLOGICAL RECONNAISSANCE

Research Design

Field reconnaissance was begun in early July of 2008 and completed in early September of 2008. As suggested in the Phase 1A, shovel testing was undertaken in the Area of Proposed Effect (APE), which is c. 44 acre portion of the project area that does not include the wetlands and wetland buffers.

Field Methods and Procedures

Field methods included the laying out of flagged transects along the eastern border at 50 foot intervals from the northernmost point in the project area to the southernmost (Photograph 1). These were labeled transects 1 through 79, and shovel tests were given letter designations that proceeded from east to west down each of these transects. These were then re-numbered and placed on the site plan at the end of each day. Some areas within the project area were open, such as the eastern baseline (Photograph 1), but in other locations brush-hogging was accomplished to clear transects or open up areas for testing through dense underbrush (Photographs 2 and 3). The testing procedure covered the entire APE, or the area outside the wetlands and the wetland buffer (see maps 9 and 10). It did not normally include areas of steep slope (greater that 15 degrees), although several of these locations in excess of 25 degrees overlooking the wetland buffer were tested. Testing also included the dry projection of land in the southern portion of the project area that is to be turned into wetland as part of the wetland mitigation procedure (Map 10). This area is composed of relatively level open woodland, although two sections of it (Map 10) were composed of conditions containing very wet to actual standing water, and this was during a dry part of the summer. The shovel testing did not include the area at the end of Airport Drive that has been previously disturbed

by road construction (Map 9, Photograph 4), nor did it include the stream and wetland of the stream to be crossed (Map 9, Photograph 5). Additionally, a small section in a corner of the project area had prior disturbance due to bulldozer activity, and was not tested (see Map 10).

Due to the large size of the project area the APE was expanded to two maps (Maps 9 and 10). Map 9 shows the testing program of shovel tests 1-324 in the northern portion of the APE, while Map 10 shows the testing program including shovel tests 325-703 in the southern portion.

All soil was screened through 1/4 inch hardware cloth. A Munsell soil color chart was used to determine soil colors.

Results of Field Investigation

A total of 703 initial shovel tests (Photographs 2 and 3) were excavated throughout the project area (see Appendix 1). The testing covered the entire project area, with the several exceptions mentioned above. In almost every case, shovel tests penetrated stratum 1, which consisted of a brown silty loam with fine gravel, and ended in sterile yellowish brown silt with fine gravel. Overall the soils tended to range from a brown silty loam with gravel in the northern portion changing to over to a dark grayish brown silty loam with gravel in the middle of the project area, and then becoming more olive brown as one moved into the last 1/3 of the project area. The subsoil changed slightly from a yellowish brown silt with fine gravel and the occasional cobble, to light yellow brown silt with gravel as one moved south.

Of the 703 initial shovel tests three located pre-contact artifacts. Shovel test #224 located the tip and midsection of a projectile point made of green Normanskill chert (Photograph 6, left). Eight large radials (as per the 2005 *Guidelines)* around this find located no additional artifacts, and as a consequence, it is considered an isolated find. This isolated find is called Rail Trail Pre-Contact Site #1 on an OPRHP Prehistoric Site Inventory Form that appears in Appendix 2.

Further to the south, two initial shovel tests (ST# 654 and 664) located pre-contact artifacts. Shovel test #654 located one tertiary flake (Photograph 6, right), and one biface resharpening flake. Of the eight large shovel tests placed around it, two (654B and 654D) produced one tertiary flake each. Located adjacent to shovel test #654, shovel test #664 yielded one biface. Subsequent shovel tests yielded one secondary decortication flake each from shovel tests 664B, 664C, and 664F. This site is called Rail Trail Pre-Contact Site #2 on an OPRHP Prehistoric Site Inventory Form that appears in Appendix 2.

Conclusion and Recommendations

Shovel testing of the proposed Rail Trail Subdivision targeted the entire APE (with exceptions due to slope, prior disturbance, and standing water) as well as an area to be used as wetland mitigation. Two pre-contact sites were located. The first; Rail Trail Pre-Contact Locus 1 was determined to be an isolated find. No further work is recommended for this location. Rail Trail Pre-Contact Locus 2 produced a total of eight artifacts, although none were temporally diagnostic.

Two forms of avoidance are suggested for this site (Locus 2). The first is the placement of snow fencing around the site prior to construction of the road used to mitigate the wetland. See suggested site boundary on Map 10, with access road to mitigation area defined. The second is the incorporation of the site (Locus 2) into the wetland boundary as a protective measure at the conclusion of the wetland mitigation procedure.

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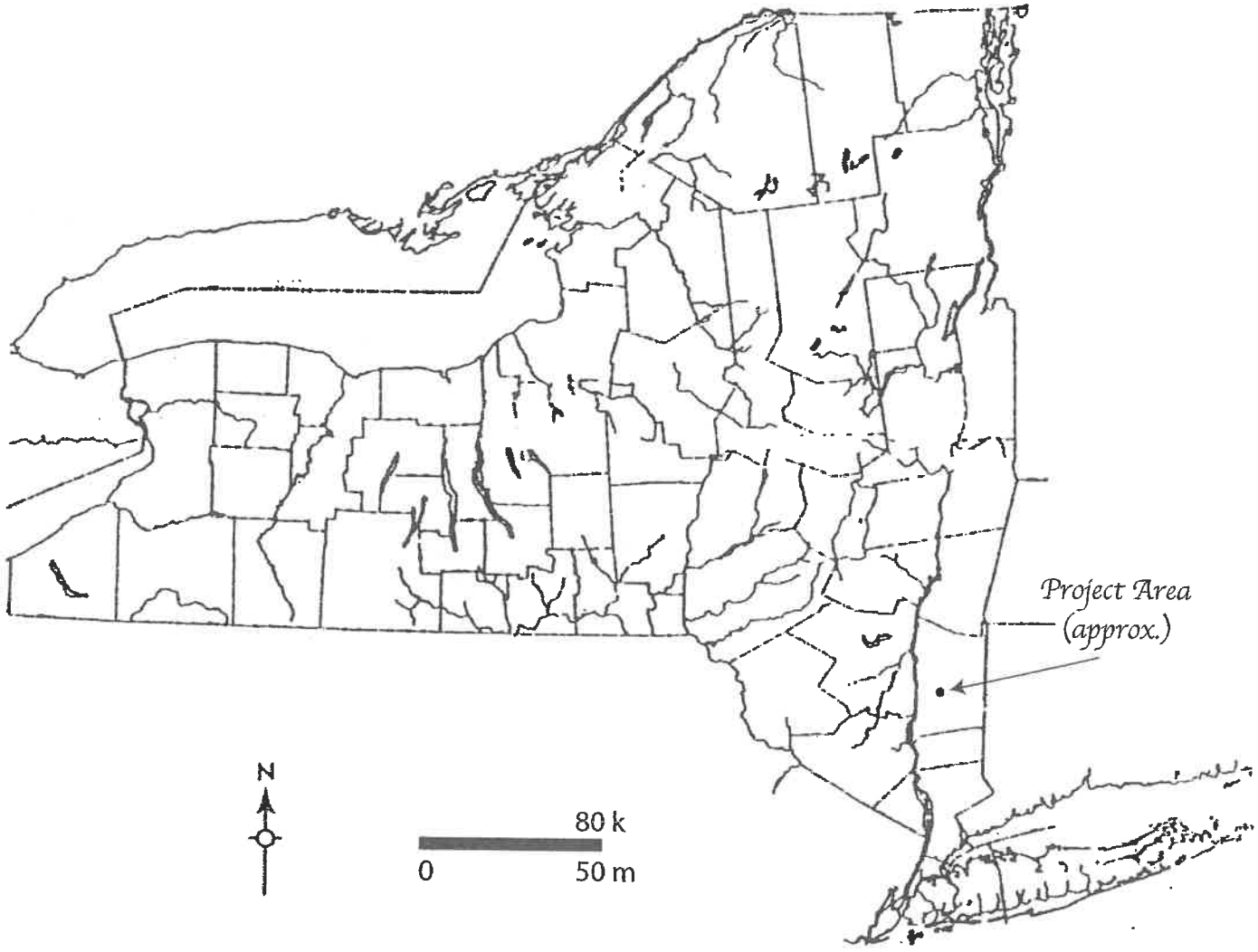
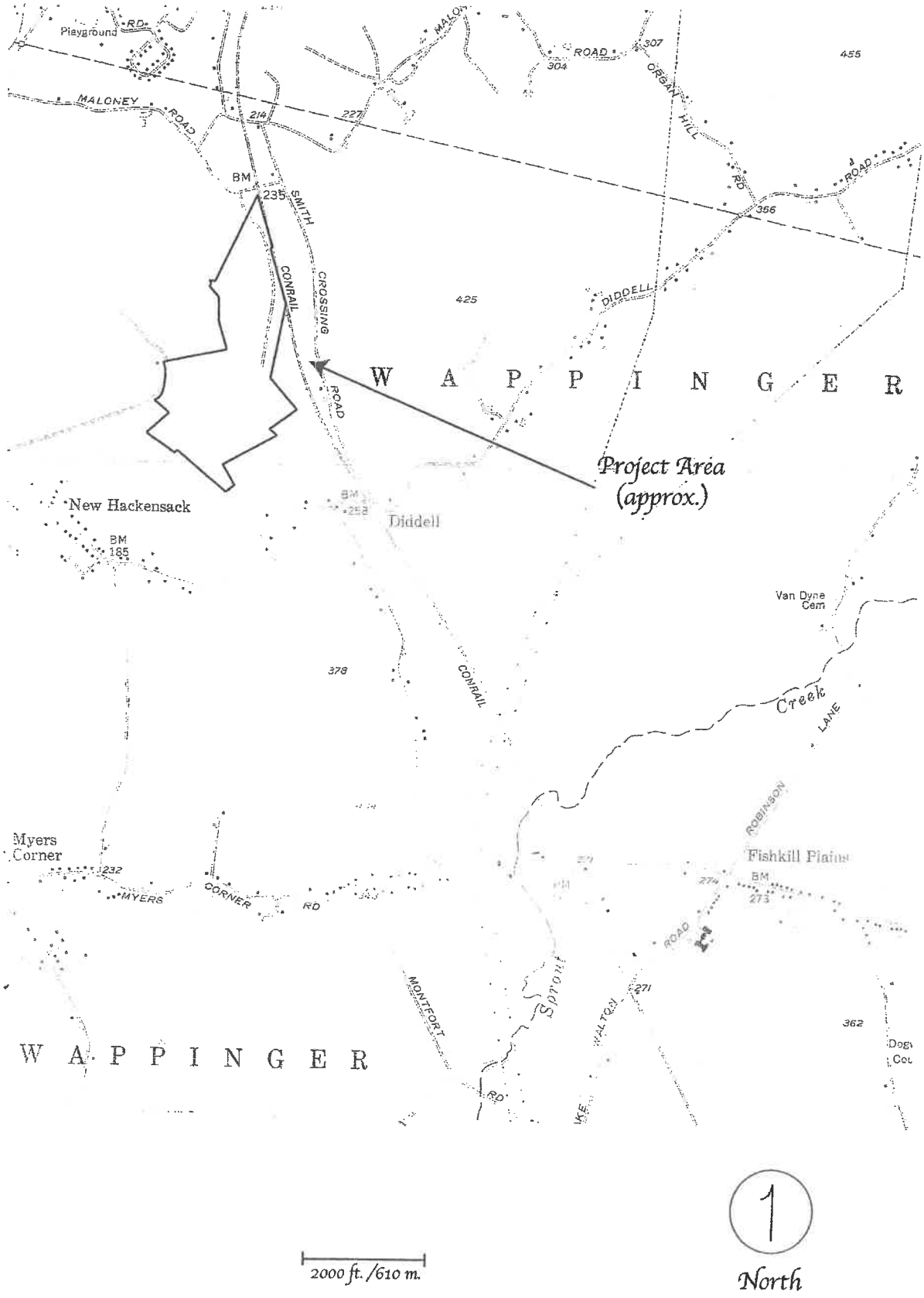
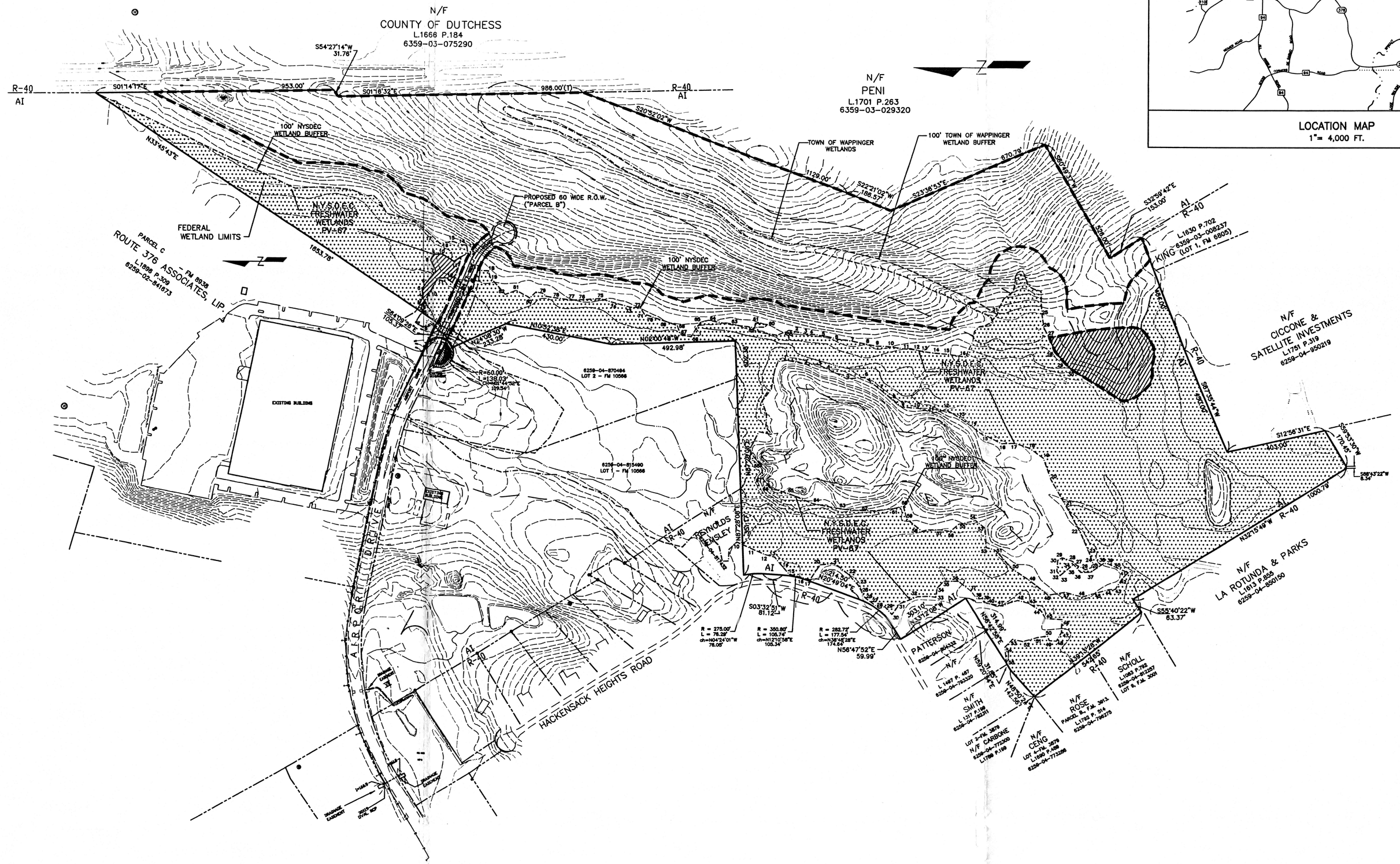
MAPS



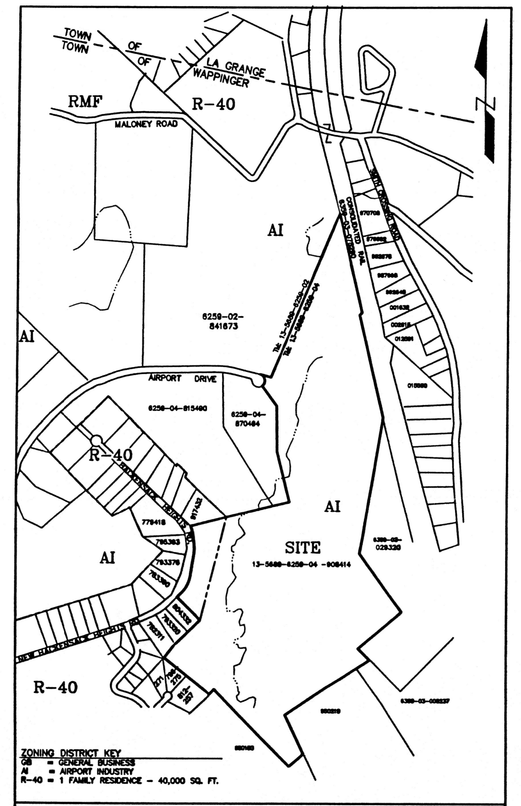
Map 1. New York State



Map 2. USGS Hopewell Junction & Pleasant Valley Quadrangles



LOCATION MAP
1" = 4,000 FT.



AREA MAP
1" = 800 FT.

LEGEND

- PROPERTY LINE
- EXISTING R.O.W./LOT LINE
- PROPOSED LOTLINE
- 140 EXISTING CONTOUR
- EXISTING WATER COURSE
- EXISTING TREE LINE
- EXISTING PAVEMENT
- WETLAND FLAG
- N.Y.S.D.E.C., ACOE & TOWN JURISDICTIONAL WETLANDS
- N.Y.S.D.E.C. & TOWN 100' BUFFER LIMIT
- N.Y.S.D.E.C. FRESHWATER WETLANDS
- WETLAND MITIGATION AREA
- AREA OF PROPOSED EFFECT

REVISIONS	
DATE:	DESCRIPTION:

POVALL ENGINEERING, PLLC
WILLIAM H. POVALL III, P.E.
N.Y.S. P.E. LICENSE #075020
1906 ROUTE 52, SUITE 4
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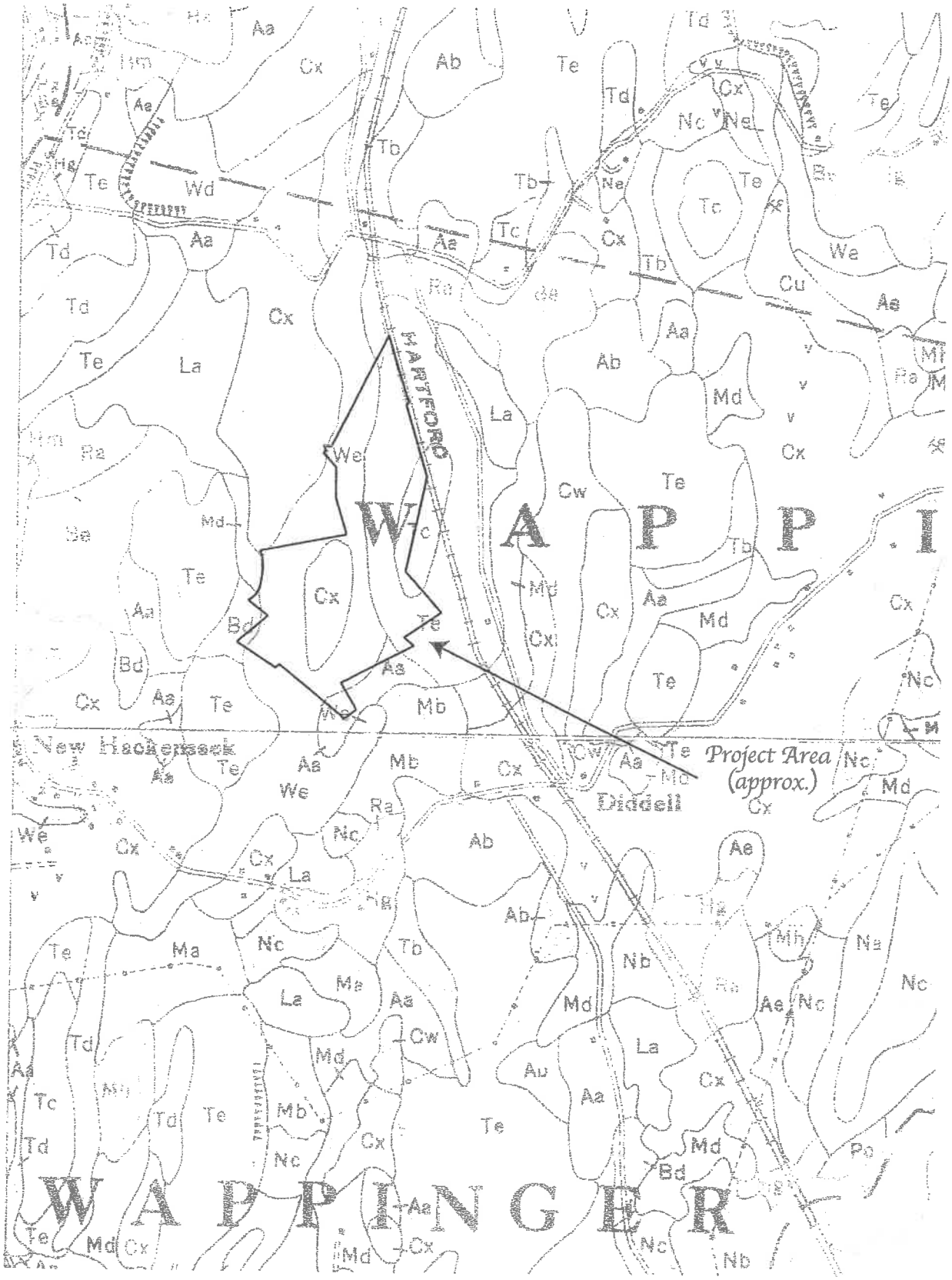
MAP 3: PROJECT MAP

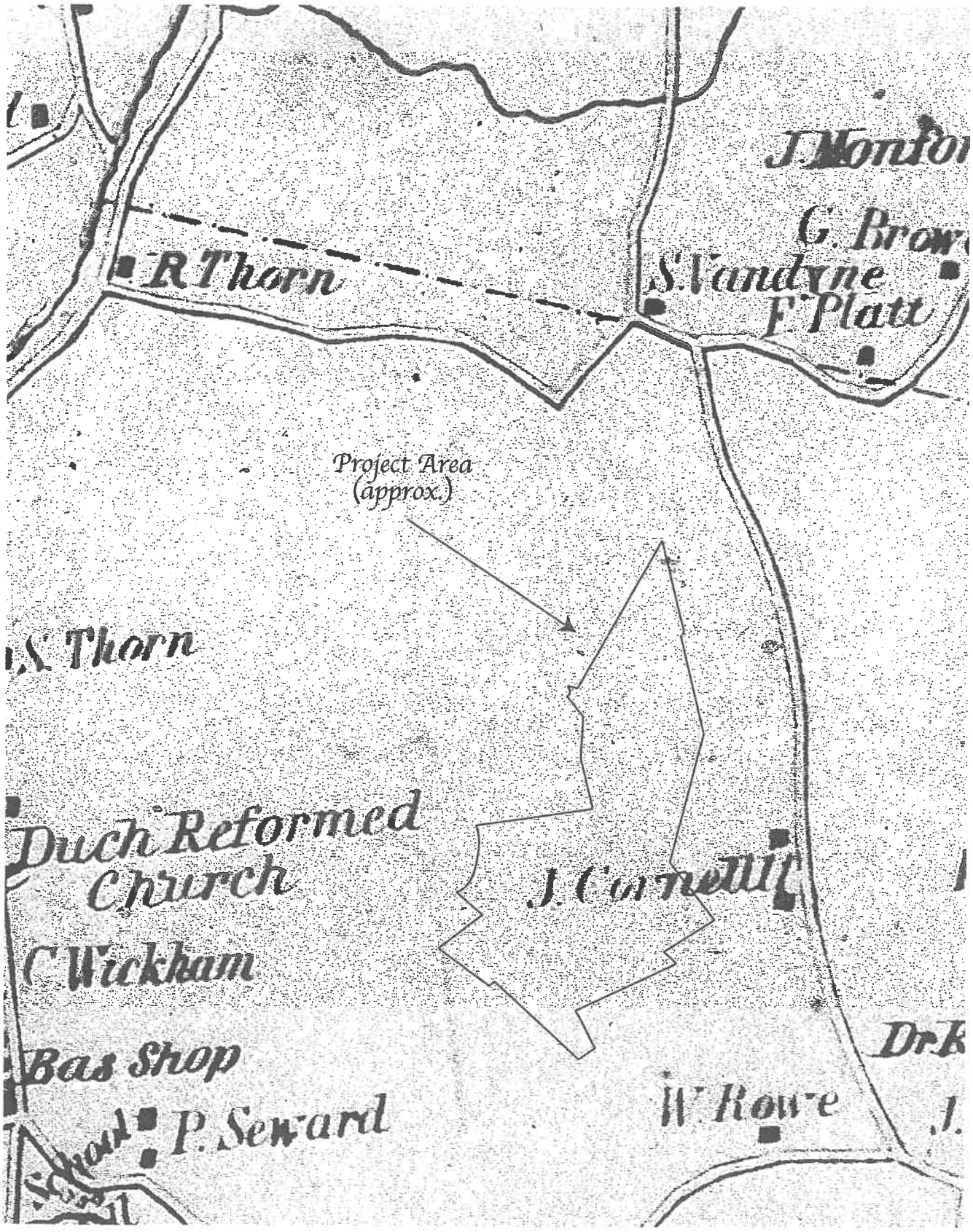
RAIL TRAIL SUBDIVISION

TOWN OF WAPPINGER — DUTCHESS COUNTY, NEW YORK

JOB #:	0402
DATE:	10-01-08
SCALE:	1"=200'
	AS-1
	SHEET 1 OF 1



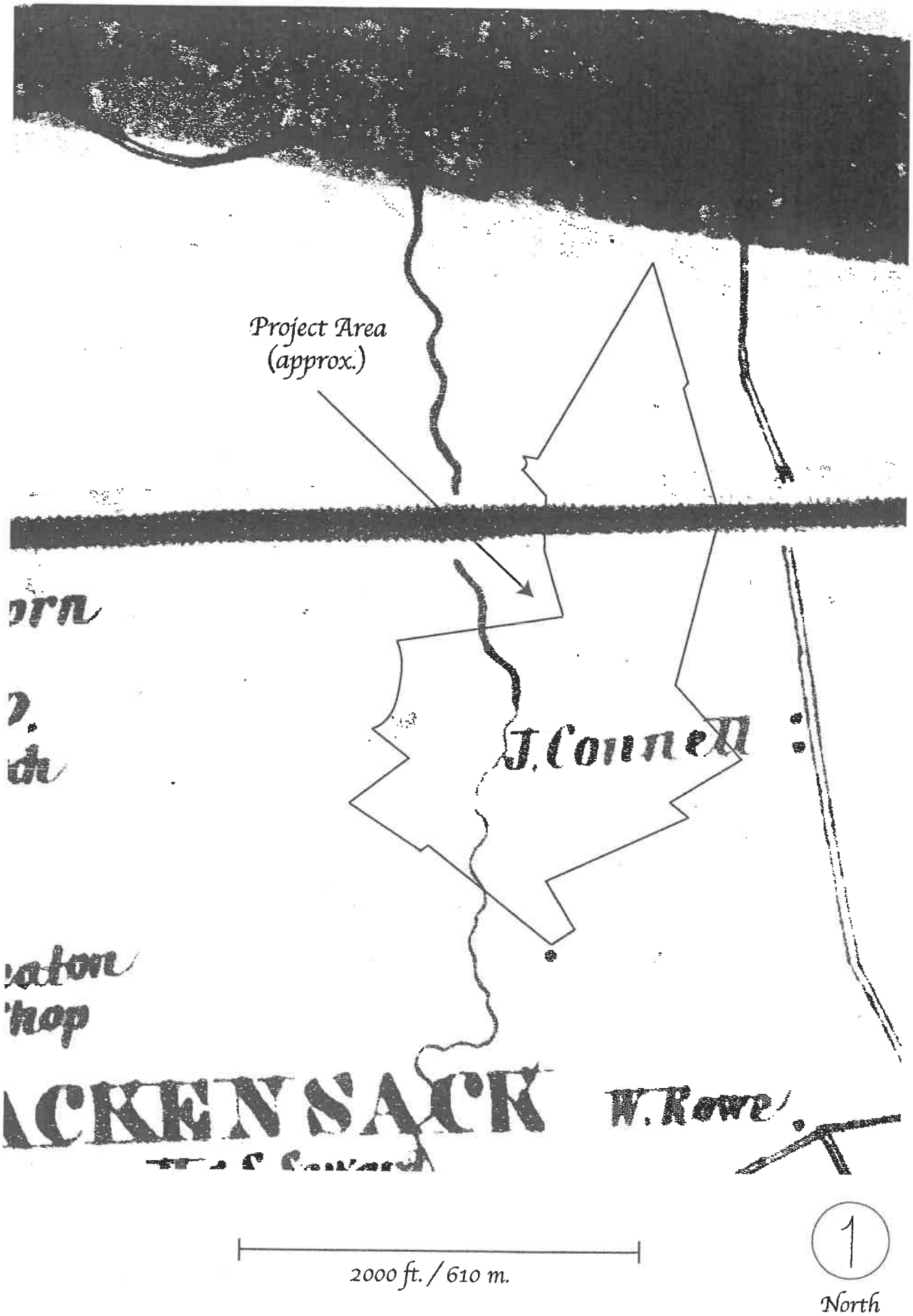
Map 4. Dutchess County Soils (sheets 12, 17)



2000 ft. / 610 m.

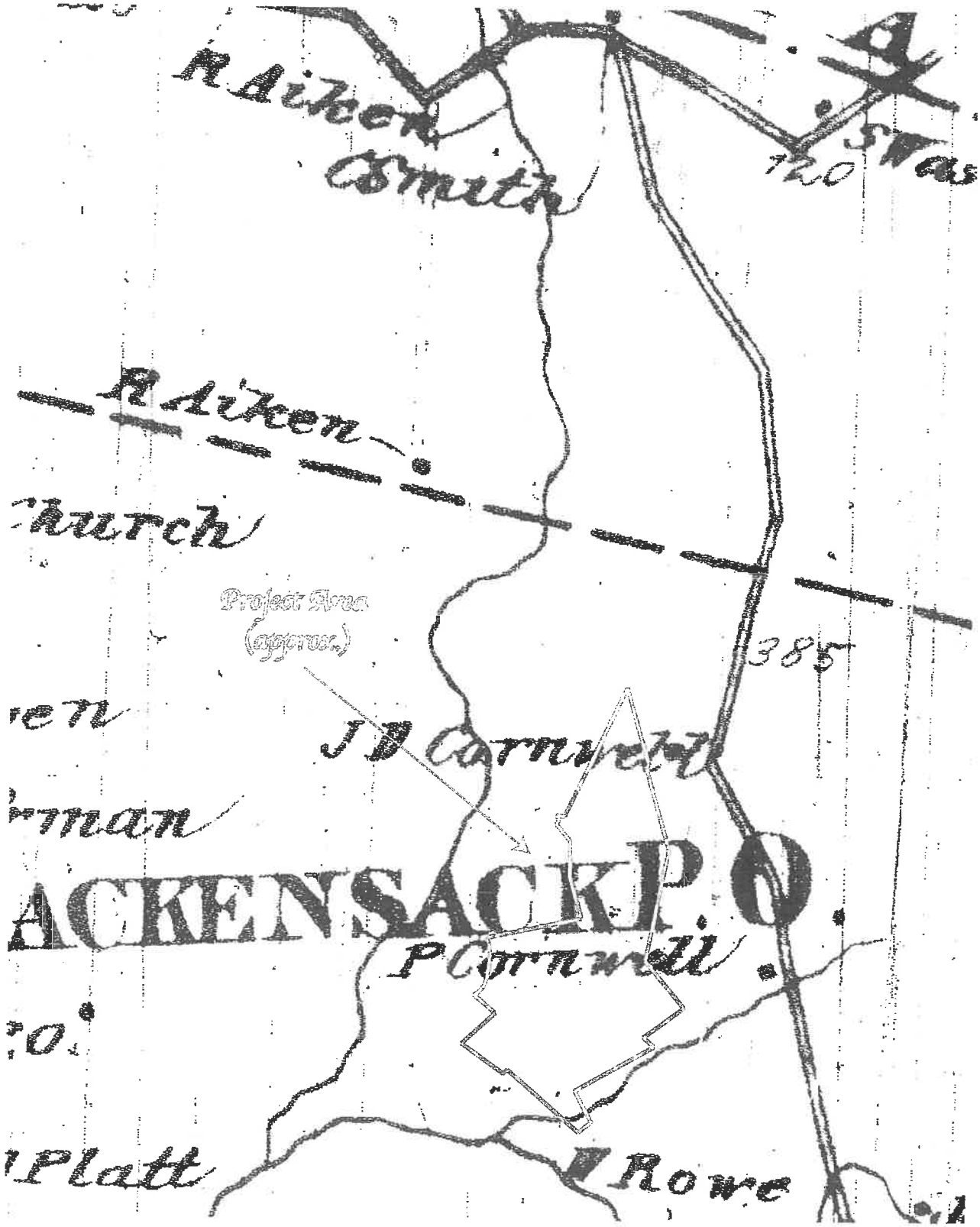
North

Map 5. 1850 Sidney Map



Map 6. 1858 Gillette Map

Map 7. 1867 Beers Map



Map 8. 1876 Gray & Davis Map

Phase 1B Maps (AS-2), sheets 1 & 2 of 2, dated 10-01-08 have been superseded.

The revised Phase 1B Archeological Maps 3 & 4 (AS-2) are included in the Phase 1B Cultural Resource Investigation Addendum & Phase 2 Site Evaluation of Rail Trail Precontact Locus 2 report, prepared by Joeseph E. Diamond, Ph.D., dated 02-22-10.

Please see the latest Maps 3 & 4 (AS-2) dated 03-09-10 in the above 02-22-10 Addendum report.

PHOTOGRAPHS

Photograph 1: Eastern edge of project area along baseline. View south.

Photograph 2. Shovel testing near ST# 96. View west.

Photograph 3: Shovel testing near ST# 261. View east up slight incline.

Photograph 4. Cul-de-sac at end of Airport Drive. View east.

TABLES

NYSOPRHP #	NYSM #	Site Name	Dist. from APE m/ft.	Time Period	Site Type	Ref./Arch
	5985	None	3000 ft/914 m	No info.	No Info.	Old Site File
	6897	None	2500 ft/ 762 m	No info.	No Info.	Old Site File
A027.19.0021		"Indian Site"	1000 ft/305 m	No. Info.	No.Info.	N. Johnson 1979
A027.19.0083		Tangredi Prehistoric Site	5500 ft/ 1676 m	Prehistoric	No. Info.	Brumbach 1981
A027.19.0084		Tangredi Farm Site	5500 ft/ 1676 m	18th-19th cent.	Farm	Brumbach 1981
A027.19.000323		Tri-Muni. Locus 9	5500 ft/ 1676 m	Paleo-Indian	Small camp?	HAA 1990
Structures						
A027-19-0009		"Old Hundred"	c. 2000 ft/610 m	c. 1754	Dutch Colonial	
		Joseph Horton Hse NRL				
A027-19-0010		Seward Place	c. 2000 ft/610 m	c. 1840	Greek Revival	
A027-19-0011		New Hack. Ref. Church	Moved	c. 1834	Greek Revival	

Table 1. Listed sites at NYSM and OPRHP.

APPENDICES

APPENDIX 1

SOIL/MATERIAL DESCRIPTION

MATERIAL/TEXTURE:

sa = sand (y)
si = silt (y)
cl = clay (ey)
lo = loam
hu = humic
chf = charcoal flecks
bed = bedrock
cob = cobbles
sh = shale
ang rk = angular rock
coa = coarse
fi = fine
grv = gravel (y)
rd grv = road gravel
rk = rock (y)
rt = root (s)
gw = graywacke
imp = impasse
lyr = layer
dis = disturbed

COLORS/SHADES:

bl = black
g = gray (ish)
o = olive
b = brown (ish)
r = red (ish)
y = yellow (ish)
gr = green
wh = white
pk = pink (ish)
aq = aqua
l = light
d = dark
p = pale
s = strong
v = very

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
1	0-13	b si lo w/grv		None		
	13-28	y b si w/grv		None		
2	0-22	b si lo w/grv		None		
	22-37	y b si w/grv		None		
3	0-22	b si lo w/grv		None		
	22-37	y b si w/grv		None		
4	0-25	b si lo w/grv		None		
	25-35	y b si w/grv		None		
5	0-21	b si lo w/grv		None		
	21-33	y b si w/grv		None		
6	0-15	b si lo w/grv		None		
	15-27	y b si w/grv		None		
7	0-29	b si lo w/grv		None		
	29-37	y b si w/grv		None		
8	0-23	b si lo w/grv		None		
	23-36	y b si w/grv		None		
9	0-9	b si lo w/grv		None		
	9-28	y b si w/grv		None		
10	0-14	b si lo w/grv		None		
	14-29	y b si w/grv		None		
11	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
12	0-24	b si lo w/grv		None		
	24-39	y b si w/grv		None		
13	0-25	b si lo w/grv		None		
	25-37	y b si w/grv		None		
14	0-25	b si lo w/grv		None		
	25-33	y b si w/grv		None		
15	0-22	b si lo w/grv		None		
	22-31	y b si w/grv		None		
16	0-23	b si lo w/grv		None		
	23-34	y b si w/grv		None		
17	0-12	b si lo w/grv		None		
	12-27	y b si w/grv		None		
18	0-13	b si lo w/grv		None		
	13-29	y b si w/grv		None		
19	0-21	b si lo w/grv		None		
	21-36	y b si w/grv		None		
20	0-24	b si lo w/grv		None		
	24-39	y b si w/grv		None		
21	0-18	b si lo w/grv		None		
	18-32	y b si w/grv		None		
22	0-23	b si lo w/grv		None		
	23-32	y b si w/grv		None		
23	0-20	b si lo w/grv		None		
	20-32	y b si w/grv		None		
24	0-19	b si lo w/grv		None		
	19-31	y b si w/grv		None		
25	0-18/rock	b si lo w/grv				

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
26	0-24	b si lo w/grv		None		
	24-35	y b si w/grv		None		
27	0-15	b si lo w/grv		None		
	15-30	y b si w/grv		None		
28	0-15	b si lo w/grv		None		
	15-36	y b si w/grv		None		
29	0-18	b si lo w/grv		None		
	18-30	y b si w/grv		None		
30	0-20	b si lo w/grv		None		
	20-36	y b si w/grv		None		
31	0-25	b si lo w/grv		None		
	25-40	y b si w/grv		None		
32	0-20	b si lo w/grv		None		
	20-36	y b si w/grv		None		
33	0-21	b si lo w/grv		None		
	21-30	y b si w/grv		None		
34	0-17	b si lo w/grv		None		
	17-29	y b si w/grv		None		
35	0-21	b si lo w/grv		None		
	21-33	y b si w/grv		None		
36	0-20	b si lo w/grv		None		
	20-29	y b si w/grv		None		
37	0-26	b si lo w/grv		None		
	26-39	y b si w/grv		None		
38	0-18	b si lo w/grv and cob.		None		
	18-29	y b si w/grv		None		
39	0-18	b si lo w/grv		None		
	18-28	y b si w/grv		None		
40	0-25	b si lo w/grv		None		
	25-37	y b si w/grv		None		
41	0-22	b si lo w/grv		None		
	22-34	y b si w/grv		None		
42	0-21	b si lo w/grv		None		
	21-34	y b si w/grv		None		
43	0-27	b si lo w/grv		None		
	27-38	y b si w/grv		None		
44	0-23	b si lo w/grv		None		
	23-32	y b si w/grv and cob.		None		
45	0-14	b si lo w/grv		None		
	14-29	y b si w/grv and cob.		None		
46	0-17	b si lo w/grv		None		
	17-35	y b si w/grv		None		
47	0-21	b si lo w/grv		None		
	21-36	y b si w/grv		None		
48	0-17	b si lo w/grv		None		
	17-34	y b si w/grv and cob.		None		
49	0-30	b si lo w/grv		None		
	30-45	y b si w/grv		None		
50	0-18	b si lo w/grv		None		
	18-33	y b si w/grv		None		

SHOVEL TEST RECORD

;T#	Depth	Soil Description	Q	Artifacts	Mat	Wt
51	0-23	b si lo w/grv		None		
	23-34	y b si w/grv		None		
52	0-22	b si lo w/grv		None		
	22-31	y b si w/grv		None		
53	0-19	b si lo w/grv		None		
	19-32	y b si w/grv		None		
54	0-18	b si lo w/grv		None		
	18-30	y b si w/grv		None		
55	0-24	b si lo w/grv		None		
	24-32	y b si w/grv		None		
56	0-25	b si lo w/grv		None		
	25-36	y b si w/grv		None		
57	0-15	b si lo w/grv		None		
	15-30	y b si w/grv		None		
58	0-27	b si lo w/grv		None		
	27-42	y b si w/grv		None		
59	0-22	b si lo w/grv		None		
	22-37	y b si w/grv		None		
60	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
61	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
62	0-16	b si lo w/grv		None		
	16-31	y b si w/grv		None		
63	0-26	b si lo w/grv		None		
	26-38	y b si w/grv		None		
64	0-18	b si lo w/grv		None		
	18-28	y b si w/grv		None		
65	0-26/rock	b si lo w/grv		None		
66	0-27	b si lo w/grv		None		
	27-39	y b si w/grv		None		
67	0-26	b si lo w/grv		None		
	26-37	y b si w/grv		None		
68	0-23	b si lo w/grv		None		
	23-34	y b si w/grv		None		
69	0-20	b si lo w/grv		None		
	20-35	y b si w/grv		None		
70	0-25	b si lo w/grv		None		
	25-40	y b si w/grv		None		
71	0-15	b si lo w/grv		None		
	15-31	y b si w/grv		None		
72	0-27	b si lo w/grv		None		
	27-42	y b si w/grv		None		
73	0-19	b si lo w/grv		None		
	19-34	y b si w/grv		None		
74	0-20	b si lo w/grv		None		
	20-37	y b si w/grv		None		
75	0-24	b si lo w/grv		None		
	24-37	y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
76	0-21	b si lo w/grv		None		
	21-31	y b si w/grv		None		
77	0-23	b si lo w/grv		None		
	23-30	y b si w/grv		None		
78	0-19	b si lo w/grv		None		
	19-28	y b si w/grv and cob.		None		
79	0-22	b si lo w/grv		None		
	22-35	y b si w/grv		None		
80	0-20	b si lo w/grv		None		
	20-32	y b si w/grv		None		
81	0-16	b si lo w/grv		None		
	16-31	y b si w/grv		None		
82	0-28	b si lo w/grv		None		
	28-43	y b si w/grv		None		
83	0-24	b si lo w/grv		None		
	24-39	y b si w/grv		None		
84	0-22	b si lo w/grv		None		
	22-37	y b si w/grv		None		
85	0-14	b si lo w/grv		None		
	14-30	y b si w/grv and cob.		None		
86	0-19	b si lo w/grv		None		
	19-34	y b si w/grv		None		
87	0-18	b si lo w/grv		None		
	18-33	y b si w/grv		None		
88	0-25	b si lo w/grv		None		
	25-34	y b si w/grv		None		
89	0-27	b si lo w/grv		None		
	27-37	y b si w/grv		None		
90	0-25	b si lo w/grv		None		
	25-37	y b si w/grv		None		
91	0-27	b si lo w/grv		None		
	27-36	y b si w/grv		None		
92	0-26	b si lo w/grv		None		
	26-35	y b si w/grv		None		
93	0-24	b si lo w/grv		None		
	24-37	y b si w/grv		None		
94	0-21	b si lo w/grv		None		
	21-28	y b si w/grv		None		
95	0-17	b si lo w/grv		None		
	17-31	y b si w/grv		None		
96	0-21	b si lo w/grv		None		
	21-36	y b si w/grv		None		
97	0-22	b si lo w/grv		None		
	22-37	y b si w/grv		None		
98	0-17	b si lo w/grv		None		
	17-32	y b si w/grv		None		
99	0-21	b si lo w/grv		None		
	21-36	y b si w/grv		None		
00	0-20	b si lo w/grv		None		
	20-35	y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
101	0-20	b si lo w/grv		None		
	20-35	y b si w/grv		None		
102	0-19	b si lo w/grv		None		
	19-30	y b si w/grv		None		
103	0-19	b si lo w/grv		None		
	19-28	y b si w/grv		None		
104	0-25	b si lo w/grv		None		
	25-38	y b si w/grv		None		
105	0-24	b si lo w/grv		None		
	24-36	y b si w/grv		None		
106	0-23	b si lo w/grv		None		
	23-36	y b si w/grv		None		
107	0-24	b si lo w/grv		None		
	24-37	y b si w/grv		None		
108	0-23	b si lo w/grv		None		
	23-37	y b si w/grv		None		
109	0-23	b si lo w/grv		None		
	23-33	y b si w/grv		None		
110	0-22	b si lo w/grv		None		
	22-31	y b si w/grv		None		
111	0-26	b si lo w/grv		None		
	26-35	y b si w/grv		None		
112	0-15	b si lo w/grv		None		
	15-29	y b si w/grv		None		
113	0-17	b si lo w/grv		None		
	17-36	y b si w/grv		None		
114	0-22	b si lo w/grv		None		
	22-36	y b si w/grv		None		
115	0-21	b si lo w/grv		None		
	21-35	y b si w/grv		None		
116	0-22	b si lo w/grv		None		
	22-36	y b si w/grv		None		
117	0-24	b si lo w/grv		None		
	24-38	y b si w/grv		None		
118	0-22	b si lo w/grv		None		
	22-40	y b si w/grv		None		
119	0-33	b si lo w/grv		None		
	33-48	y b si w/grv		None		
120	0-17	b si lo w/grv		None		
	17-32	y b si w/grv		None		
121	0-19	b si lo w/grv		None		
	19-34	y b si w/grv		None		
122	0-22	b si lo w/grv		None		
	22-31	y b si w/grv		None		
123	0-22	b si lo w/grv		None		
	22-33	y b si w/grv		None		
124	0-22	b si lo w/grv		None		
	22-31	y b si w/grv		None		
125	0-24	b si lo w/grv		None		
	24-32	y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
126	0-23	b si lo w/grv		None		
	23-32	y b si w/grv		None		
127	0-19	b si lo w/grv		None		
	19-30	y b si w/grv		None		
128	0-25	b si lo w/grv and cob.		None		
	25-33	y b si w/grv		None		
129	0-25	b si lo w/grv		None		
	25-36	y b si w/grv		None		
130	0-26	b si lo w/grv		None		
	26-38	y b si w/grv		None		
131	0-29	b si lo w/grv		None		
	29-36	y b si w/grv		None		
132	0-11	b si lo w/grv		None		
	11-26	y b si w/grv		None		
133	0-21	b si lo w/grv		None		
	21-38	y b si w/grv		None		
134	0-20	b si lo w/grv		None		
	20-35	y b si w/grv		None		
135	0-16	b si lo w/grv		None		
	16-31	y b si w/grv		None		
136	0-18	b si lo w/grv		None		
	18-34	y b si w/grv		None		
137	0-30	b si lo w/grv		None		
	30-45	y b si w/grv		None		
138	0-24	b si lo w/grv and cob.		None		
	24-39	y b si w/grv		None		
139	0-18	b si lo w/grv		None		
	18-33	y b si w/grv		None		
140	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
141	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
142	0-17	b si lo w/grv		None		
	17-26	y b si w/grv		None		
143	0-23	b si lo w/grv		None		
	23-33	y b si w/grv		None		
144	0-26	b si lo w/grv		None		
	26-37	y b si w/grv		None		
145	0-21	b si lo w/grv		None		
	21-32	y b si w/grv		None		
146	0-18	b si lo w/grv		None		
	18-29	y b si w/grv		None		
147	0-24	b si lo w/grv		None		
	24-36	y b si w/grv		None		
148	0-27	b si lo w/grv		None		
	27-38	y b si w/grv		None		
149	0-30	b si lo w/grv		None		
	30-40	y b si w/grv		None		
150	0-27	b si lo w/grv		None		
	27-38	y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
151	0-24	b si lo w/grv		None		
	24-37	y b si w/grv		None		
152	0-21	b si lo w/grv		None		
	21-33	y b si w/grv		None		
153	0-28	b si lo w/grv		None		
	28-42	y b si w/grv		None		
154	0-25	b si lo w/grv		None		
	25-40	y b si w/grv		None		
155	0-23	b si lo w/grv		None		
	23-38	y b si w/grv		None		
156	0-24	b si lo w/grv		None		
	24-38	y b si w/grv		None		
157	0-20	b si lo w/grv		None		
	20-34	y b si w/grv		None		
158	0-26	b si lo w/grv		None		
	26-42	y b si w/grv		None		
159	0-23	b si lo w/grv		None		
	23-36	y b si w/grv		None		
160	0-17	b si lo w/grv		None		
	17-34	y b si w/grv		None		
161	0-25	b si lo w/grv		None		
	25-38	y b si w/grv		None		
162	0-24	b si lo w/grv		None		
	24-36	y b si w/grv		None		
63	0-20	d b si lo w/grv		None		
	20-36	y b si w/grv		None		
164	0-22	b si lo w/grv		None		
	22-33	y b si w/grv		None		
165	0-27	d b si lo w/grv		None		
	27-38	y b si w/grv		None		
166	0-19/rocks	b si lo w/grv		None		
167	0-19	b si lo w/grv		None		
	19-30	y b si w/grv		None		
168	0-21	d b si lo w/grv		None		
	21-33	y b si w/grv		None		
169	0-23	b si lo w/grv		None		
	23-32	y b si w/grv		None		
170	0-25	d b si lo w/grv		None		
	25-35	y b si w/grv		None		
171	0-21	b si lo w/grv		None		
	21-32	y b si w/grv		None		
172	0-27	d g b si lo w/grv		None		
	27-39	y b si w/grv		None		
173	0-21	d g b si lo w/grv		None		
	21-32	y b si w/grv		None		
174	0-24	b si lo w/grv		None		
	24-34	y b si w/grv		None		
175	0-21	d b si lo w/grv		None		
	21-30	y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
176	0-19	d g b si lo w/grv		None		
	19-31	y b si w/grv and cob.		None		
177	0-20	d b si lo w/grv		None		
	20-35	y b si w/grv		None		
178	0-16	b si lo w/grv		None		
	16-31	y b si w/grv		None		
179	0-17	v. dk b si lo w/grv		None		
	17-33	y b si w/grv		None		
180	0-22	d b si lo w/grv		None		
	22-36	y b si w/grv		None		
181	0-21	b si lo w/grv		None		
	21-34	y b si w/grv and cob.		None		
182	0-21	b si lo w/grv		None		
	21-37	y b si w/grv		None		
183	0-23	d g b si lo w/grv		None		
	23-40	l y b si w/grv		None		
184	0-39	d g b si lo w/grv		None		
	39-54	l y b si w/grv		None		
185	0-21	d g b si lo w/grv		None		
	21-33	l y b si w/grv		None		
186	0-25	d g b si lo w/grv		None		
	25-40	l y b si w/grv		None		
187	0-18	d g b si lo w/grv		None		
	18-35	l y b si w/grv		None		
188	0-25	d g b si lo w/grv		None		
	25-45	l y b si w/grv		None		
189	0-20	d g b si lo w/grv		None		
	20-40	l y b si w/grv		None		
190	0-22	d g b si lo w/grv		None		
	22-42	l y b si w/grv		None		
191	0-14	d g b si lo w/grv		None		
	14-26	l y b si w/grv		None		
192	0-17	d g b si lo w/grv		None		
	17-29	l y b si w/grv		None		
193	0-15	d g b si lo w/grv		None		
	15-27	l y b si w/grv		None		
194	0-34	d g b si lo w/grv		None		
	34-42	l y b si w/grv		None		
195	0-25	d g b si lo w/grv		None		
	25-37	l y b si w/grv		None		
196	0-27	d g b si lo w/grv		None		
	27-34	l y b si w/grv		None		
197	0-21	d g b si lo w/grv		None		
	21-31	l y b si w/grv		None		
198	0-22	d g b si lo w/grv		None		
	22-35	l y b si w/grv		None		
199	0-22/rock	d g b si lo w/grv		None		
200	0-18	d g b si lo w/grv and cob.		None		
	18-31	l y b si w/grv		None		

SHOVEL TEST RECORD

T#	Depth	Soil Description	Q	Artifacts	Mat	Wt
201	0-19	d g b si lo w/grv and cob.		None		
	19-33	l y b si w/grv		None		
202	0-19	d g b si lo w/grv		None		
	19-32	l y b si w/grv		None		
203	0-30	d g b si lo w/grv		None		
	30-42	l y b si w/grv		None		
204	0-22	d g b si lo w/grv		None		
	22-29	l y b si w/grv		None		
205	0-21	d g b si lo w/grv		None		
	21-31	l y b si w/grv		None		
206	0-20/rock	d g b si lo w/grv		None		
207	0-23	d g b si lo w/grv		None		
	23-38	l y b si w/grv		None		
208	0-18	d g b si lo w/grv		None		
	18-33	l y b si w/grv		None		
209	0-19	d g b si lo w/grv		None		
	19-33	l y b si w/grv		None		
210	0-34	v d g b si lo w/grv		None		
	34-49	l y b si w/grv		None		
211	0-25	d g b si lo w/grv		None		
	25-40	l y b si w/grv		None		
212	0-25	dk d g b si lo w/grv		None		
	25-40	l y b si w/grv		None		
213	0-20	d g b si lo w/grv		None		
	20-40	l y b si w/grv		None		
214	0-24	d g b si lo w/grv		None		
	24-39	l y b si w/grv		None		
215	0-22	d g b si lo w/grv		None		
	22-33	l y b si w/grv		None		
216	0-41	d g b si lo w/grv		None		
	41-56	l y b si w/grv		None		
217	0-30	d g b si lo w/grv		None		
	30-45	l y b si w/grv		None		
218	0-48	g b si lo w/grv		None		
	48-63	l y b si w/grv		None		
219	0-18	d g b si lo w/grv		None		
	18-33	l y b si w/grv		None		
220	0-21	g b si lo w/grv		None		
	21-40	l y b si w/grv		None		
221	0-12	d g b si lo w/grv		None		
	12-27	l y b si w/grv		None		
222	0-25	d g b si lo w/grv		None		
	25-35	l y b si w/grv		None		
223	0-24	d g b si lo w/grv		None		
	24-36	l y b si w/grv		None		
224	0-27	d g b si lo w/grv	1	projectile pt. tip	mottled gr Norm. chert	2.5
	27-39	l y b si w/grv		None		
224A	0-24	d g b si lo w/grv		None		
	24-36	l y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
224B	0-27	d g b si lo w/grv		None		
	27-39	l y b si w/grv		None		
224C	0-25	d g b si lo w/grv		None		
	25-39	l y b si w/grv		None		
224D	0-22	d g b si lo w/grv		None		
	22-37	l y b si w/grv		None		
224E	0-25	d g b si lo w/grv		None		
	25-37	l y b si w/grv		None		
224F	0-25	g b si lo w/grv		None		
	25-38	l y b si w/grv		None		
224G	0-22	d g b si lo w/grv		None		
	22-37	l y b si w/grv		None		
224H	0-21	d g b si lo w/grv		None		
	21-36	l y b si w/grv		None		
225	0-26	d g b si lo w/grv		None		
	26-38	l y b si w/grv		None		
226	0-22	d g b si lo w/grv		None		
	22-31	l y b si w/grv		None		
227	0-28	d g b si lo w/grv		None		
	28-35	l y b si w/grv		None		
228	0-25	d g b si lo w/grv		None		
	25-32	l y b si w/grv		None		
229	0-24	g b si lo w/grv		None		
	24-37	l y b si w/grv		None		
230	0-27	d g b si lo w/grv		None		
	27-40	l y b si w/grv		None		
231	0-26	d g b si lo w/grv		None		
	26-36	l y b si w/grv		None		
232	0-21	d g b si lo w/grv		None		
	21-31	l y b si w/grv		None		
233	0-29	d g b si lo w/grv		None		
	29-37	l y b si w/grv		None		
234	0-26	d g b si lo w/grv		None		
	26-38	l y b si w/grv		None		
235	0-21	g b si lo w/grv		None		
	21-30	l y b si w/grv		None		
236	0-13	d g b si lo w/grv		None		
	13-25	l y b si w/grv		None		
237	0-21	d g b si lo w/grv		None		
	21-36	l y b si w/grv		None		
238	0-20	d g b si lo w/grv		None		
	20-35	l y b si w/grv		None		
239	0-20	d g b si lo w/grv		None		
	20-40	l y b si w/grv		None		
240	0-22	v d g b si lo w/grv		None		
	22-37	l y b si w/grv		None		
241	0-23	d g b si lo w/grv		None		
	23-38	l y b si w/grv		None		
242	0-20	d g b si lo w/grv		None		
	20-35	l y b si w/grv		None		

T#	Depth	Soil Description	Q	Artifacts	Mat	Wt
243	0-20	d b si lo w/grv		None		
	20-35	l y b si w/grv		None		
244	0-20	d g b si lo w/grv		None		
	20-36	l y b si w/grv		None		
245	0-24	d g b si lo w/grv		None		
	24-39	l y b si w/grv		None		
246	0-24	d g b si lo w/grv		None		
	24-44	l y b si w/grv		None		
247	0-24	d g b si lo w/grv		None		
	24-39	l y b si w/grv		None		
248	0-23	d g b si lo w/grv		None		
	23-38	l y b si w/grv		None		
249	0-20	d g b si lo w/grv		None		
	20-35	l y b si w/grv		None		
250	0-19	d g b si lo w/grv		None		
	19-34	l y b si w/grv		None		
251	0-13	d g b si lo w/grv		None		
	13-28	l y b si w/grv		None		
252	0-22	d b si lo w/grv		None		
	22-30	l y b si w/grv		None		
253	0-22	d g b si lo w/grv		None		
	22-34	l y b si w/grv		None		
254	0-24	d g b si lo w/grv		None		
	24-36	l y b si w/grv		None		
255	0-25	d g b si lo w/grv		None		
	25-35	l y b si w/grv		None		
256	0-24	d g b si lo w/grv		None		
	24-36	l y b si w/grv		None		
257	0-23	d g b si lo w/grv		None		
	23-35	l y b si w/grv		None		
258	0-25	d g b si lo w/grv		None		
	25-34	l y b si w/grv		None		
259	0-25	d g b si lo w/grv		None		
	25-36	l y b si w/grv		None		
260	0-20	d g b si lo w/grv		None		
	20-33	l y b si w/grv		None		
261	0-21	d g b si lo w/grv		None		
	21-32	l y b si w/grv		None		
262	0-26	d g b si lo w/grv		None		
	26-35	l y b si w/grv		None		
263	0-24	d g b si lo w/grv		None		
	24-36	l y b si w/grv and cob.		None		
264	0-13	d g b si lo w/grv		None		
	13-26	l y b si w/grv		None		
265	0-12	d g b si lo w/grv		None		
	12-24	l y b si w/grv		None		
266	0-11	d g b si lo w/grv		None		
	11-21	l y b si w/grv		None		
267	0-20	d g b si lo w/grv		None		
	20-34	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
268	0-22	d g b si lo w/grv		None		
	22-37	l y b si w/grv		None		
269	0-16	d g b si lo w/grv		None		
	16-34	l y b si w/grv		None		
270	0-15	d g b si lo w/grv		None		
	15-30	l y b si w/grv		None		
271	0-27	v d g b si lo w/grv		None		
	27-42	l y b si w/grv		None		
272	0-24	d g b si lo w/grv		None		
	24-39	l y b si w/grv		None		
273	0-25	d g b si lo w/grv		None		
	25-40	l y b si w/grv		None		
274	0-25	d g b si lo w/grv		None		
	25-40	l y b si w/grv		None		
275	0-16	d g b si lo w/grv		None		
	16-32	l y b si w/grv		None		
276	0-28	d g b si lo w/grv		None		
	28-43	l y b si w/grv		None		
277	0-18	d g b si lo w/grv		None		
	18-33	l y b si w/grv		None		
278	0-21	d g b si lo w/grv and cob.		None		
	21-36	l y b si w/grv		None		
279	0-22	d g b si lo w/grv		None		
	22-38	l y b si w/grv		None		
280	0-15	d g b si lo w/grv		None		
	15-30	l y b si w/grv		None		
281	0-21	d g b si lo w/grv		None		
	21-36	l y b si w/grv		None		
282	0-18	d g b si lo w/grv		None		
	18-29	l y b si w/grv		None		
283	0-21	d g b si lo w/grv		None		
	21-33	l y b si w/grv		None		
284	0-20	v d g b si lo w/grv		None		
	20-30	l y b si w/grv		None		
285	0-19	d g b si lo w/grv		None		
	19-30	l y b si w/grv		None		
286	0-21	d g b si lo w/grv		None		
	21-32	l y b si w/grv		None		
287	0-20	d g b si lo w/grv		None		
	20-31	l y b si w/grv		None		
288	0-25	o b si lo w/grv		None		
	25-37	l y b si w/grv		None		
289	0-27	o b si lo w/grv		None		
	27-38	l y b si w/grv		None		
290	0-19	o b si lo w/grv		None		
	19-31	l y b si w/grv		None		
291	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
292	0-17	d g b si lo w/grv		None		
	17-30	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
293	0-15	o b si lo w/grv		None		
	15-24	l y b si w/grv		None		
294	0-25	o b si lo w/grv		None		
	25-36	l y b si w/grv		None		
295	0-26	o b si lo w/grv		None		
	26-35	l y b si w/grv		None		
296	0-22	o b si lo w/grv		None		
	22-32	l y b si w/grv		None		
297	0-24	o b si lo w/grv		None		
	24-40	l y b si w/grv		None		
298	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
299	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
300	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
301	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		
302	0-23	o b si lo w/grv		None		
	23-39	l y b si w/grv		None		
303	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
304	0-26	o b si lo w/grv		None		
	26-31	l y b si w/grv		None		
305	0-25	o b si lo w/grv		None		
	25-40	l y b si w/grv		None		
306	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
307	0-14	o b si lo w/grv		None		
	14-29	l y b si w/grv		None		
308	0-12	o b si lo w/grv		None		
	12-27	l y b si w/grv		None		
309	0-15	d g b si lo w/grv		None		
	15-30	l y b si w/grv		None		
310	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
311	0-27	o b si lo w/grv		None		
	27-40	l y b si w/grv		None		
312	0-24	o b si lo w/grv		None		
	24-37	l y b si w/grv		None		
313	0-22	o b si lo w/grv		None		
	22-35	l y b si w/grv		None		
314	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
315	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
316	0-20	o b si lo w/grv		None		
	20-33	l y b si w/grv		None		
317	0-24	o b si lo w/grv		None		
	24-32	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
318	0-23	o b si lo w/grv		None		
	23-34	l y b si w/grv		None		
319	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
320	0-26	o b si lo w/grv		None		
	26-38	l y b si w/grv		None		
321	0-24	o b si lo w/grv		None		
	24-34	l y b si w/grv		None		
322	0-19	o b si lo w/grv		None		
	19-32	l y b si w/grv		None		
323	0-24	o b si lo w/grv		None		
	24-36	l y b si w/grv		None		
324	0-20	o b si lo w/grv		None		
	20-31	l y b si w/grv		None		
325	0-32	o b si lo w/grv		None		
	32-47	l y b si w/grv		None		
326	0-23	o b si lo w/grv		None		
	23-39	l y b si w/grv		None		
327	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
328	0-30	o b si lo w/grv		None		
	30-45	l y b si w/grv		None		
329	0-22	o b si lo w/grv		None		
	22-40	l y b si w/grv		None		
330	0-22	o b si lo w/grv		None		
	22-40	l y b si w/grv		None		
331	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
332	0-21	o b si lo w/grv		None		
	21-37	l y b si w/grv		None		
333	0-24	o b si lo w/grv		None		
	24-39	l y b si w/grv		None		
334	0-16	o b si lo w/grv		None		
	16-36	l y b si w/grv		None		
335	0-30	d g b si lo w/grv		None		
	30-45	l y b si w/grv		None		
336	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
337	0-45	o b si lo w/grv		None		
	45-56	l y b si w/grv		None		
338	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
339	0-17	o b si lo w/grv		None		
	17-29	l y b si w/grv		None		
340	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
341	0-20	o b si lo w/grv		None		
	20-32	l y b si w/grv		None		
342	0-18	o b si lo w/grv		None		
	18-30	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
343	0-26	o b si lo w/grv		None		
	26-38	l y b si w/grv		None		
344	0-28	o b si lo w/grv		None		
	28-36	l y b si w/grv		None		
345	0-25	o b si lo w/grv		None		
	25-36	l y b si w/grv		None		
346	0-21	o b si lo w/grv		None		
	21-33	l y b si w/grv		None		
347	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
348	0-25	o b si lo w/grv		None		
	25-37	l y b si w/grv		None		
349	0-28	o b si lo w/grv		None		
	28-39	l y b si w/grv		None		
350	0-23	o b si lo w/grv		None		
	23-36	l y b si w/grv		None		
351	0-26	o b si lo w/grv		None		
	26-41	l y b si w/grv		None		
352	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
353	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
354	0-35	o b si lo w/grv		None		
	35-50	l y b si w/grv		None		
355	0-31	o b si lo w/grv		None		
	31-46	l y b si w/grv		None		
356	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
357	0-25	o b si lo w/grv		None		
	25-40	l y b si w/grv		None		
358	0-15	o b si lo w/grv		None		
	15-30	l y b si w/grv		None		
359	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
360	0-23	d g b si lo w/grv		None		
	23-40	l y b si w/grv		None		
361	0-23	o b si lo w/grv		None		
	23-41	l y b si w/grv		None		
362	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
363	0-19	d g b si lo w/grv		None		
	19-35	l y b si w/grv		None		
364	0-18	o b si lo w/grv		None		
	18-29	l y b si w/grv		None		
365	0-22	d g b si lo w/grv		None		
	22-31	l y b si w/grv		None		
366	0-26	o b si lo w/grv		None		
	26-38	l y b si w/grv		None		
367	0-26	o b si lo w/grv		None		
	26-40	l y b si w/grv		None		

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ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
368	0-22	d b si lo w/grv		None		
	22-35	l y b si w/grv		None		
369	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
370	0-27/rocks	o b si lo w/grv		None		
371	0-24	o b si lo w/grv		None		
	24-34	l y b si w/grv		None		
372	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
373	0-23	o b si lo w/grv		None		
	23-34	l y b si w/grv		None		
374	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
375	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
376	0-26	d g b si lo w/grv		None		
	26-41	l y b si w/grv		None		
377	0-25	o b si lo w/grv		None		
	25-40	l y b si w/grv		None		
378	0-19	o b si lo w/grv		None		
	19-33	l y b si w/grv		None		
379	0-30	o b si lo w/grv		None		
	30-45	l y b si w/grv		None		
380	0-28/rock	o b si lo w/grv		None		
381	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv		None		
382	0-23	o b si lo w/grv		None		
	23-40	l y b si w/grv		None		
383	0-22	o b si lo w/grv		None		
	22-38	l y b si w/grv		None		
384	0-21	o b si lo w/grv		None		
	21-41	l y b si w/grv		None		
385	0-15	o b si lo w/grv		None		
	15-25	l y b si w/grv		None		
386	0-27	o b si lo w/grv		None		
	27-39	l y b si w/grv		None		
387	0-25	o b si lo w/grv		None		
	25-35	l y b si w/grv		None		
388	0-27	o b si lo w/grv		None		
	27-39	l y b si w/grv		None		
389	0-22	o b si lo w/grv		None		
	22-34	l y b si w/grv		None		
390	0-26	o b si lo w/grv		None		
	26-35	l y b si w/grv		None		
391	0-22	o b si lo w/grv		None		
	22-35	l y b si w/grv		None		
392	0-18	o b si lo w/grv		None		
	18-30	l y b si w/grv		None		
393	0-22	o b si lo w/grv		None		
	22-35	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
394	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
395	0-23	o b si lo w/grv		None		
	23-36	l y b si w/grv		None		
396	0-22/rock	o b si lo w/grv		None		
397	0-20	o b si lo w/grv		None		
	20-31	l y b si w/grv		None		
398	0-17	o b si lo w/grv		None		
	17-31	l y b si w/grv		None		
399	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
400	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
401	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
402	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
403	0-25	o b si lo w/grv		None		
	25-40	l y b si w/grv		None		
404	0-23	o b si lo w/grv		None		
	23-40	l y b si w/grv		None		
405	0-40	o b si lo w/grv		None		
	40-50	l y b si w/grv		None		
406	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
407	0-28/rocks	o b si lo w/grv		None		
408	0-21	o b si lo w/grv		None		
	21-30	l y b si w/grv		None		
409	0-21	o b si lo w/grv		None		
	21-34	l y b si w/grv		None		
410	0-20	o b si lo w/grv		None		
	20-32	l y b si w/grv		None		
411	0-25	o b si lo w/grv		None		
	25-39	l y b si w/grv		None		
412	0-25	o b si lo w/grv		None		
	25-36	l y b si w/grv		None		
413	0-28	o b si lo w/grv		None		
	28-37	l y b si w/grv		None		
414	0-26	o b si lo w/grv		None		
	26-38	l y b si w/grv		None		
415	0-24	o b si lo w/grv		None		
	24-34	l y b si w/grv		None		
416	0-12	d g b si lo w/grv		None		
	12-22	l y b si w/grv		None		
417	0-12	o b si lo w/grv		None		
	12-25	l y b si w/grv		None		
418	0-26	o b si lo w/grv		None		
	26-41	l y b si w/grv		None		
19	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv and cob.		None		

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ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
420	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
421	0-30	o b si lo w/grv		None		
	30-45	l y b si w/grv		None		
422	0-40	o b si lo w/grv		None		
	40-53	l y b si w/grv		None		
423	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv		None		
424	0-40	o b si lo w/grv		None		
	40-50	l y b si w/grv		None		
425	0-14	o b si lo w/grv		None		
	14-30	l y b si w/grv		None		
426	0-15	o b si lo w/grv		None		
	15-27	l y b si w/grv		None		
427	0-26	o b si lo w/grv		None		
	26-38	l y b si w/grv		None		
428	0-24	o b si lo w/grv		None		
	24-35	l y b si w/grv		None		
429	0-21	o b si lo w/grv		None		
	21-31	l y b si w/grv		None		
430	0-22	o b si lo w/grv		None		
	22-31	l y b si w/grv		None		
431	0-22	o b si lo w/grv		None		
	22-34	l y b si w/grv		None		
432	0-28	o b si lo w/grv		None		
	28-37	l y b si w/grv		None		
433	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
434	0-18	o b si lo w/grv		None		
	18-29	l y b si w/grv		None		
435	0-20/rock	o b si lo w/grv		None		
436	0-24	o b si lo w/grv		None		
	24-35	l y b si w/grv		None		
437	0-27	o b si lo w/grv		None		
	27-42	l y b si w/grv		None		
438	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
439	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv		None		
440	0-20	d g b si lo w/grv		None		
	20-36	l y b si w/grv and cob.		None		
441	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
442	0-21	o b si lo w/grv		None		
	21-35	l y b si w/grv		None		
443	0-28	o b si lo w/grv		None		
	28-43	l y b si w/grv		None		
444	0-25	o b si lo w/grv		None		
	25-39	l y b si w/grv		None		

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ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
445	0-15	o b si lo w/grv		None		
	15-32	l y b si w/grv		None		
446	0-21	o b si lo w/grv		None		
	21-34	l y b si w/grv		None		
447	0-24	o b si lo w/grv		None		
	24-36	l y b si w/grv		None		
448	0-19	o b si lo w/grv		None		
	19-30	l y b si w/grv		None		
449	0-19	o b si lo w/grv		None		
	19-32	l y b si w/grv		None		
450	0-25	o b si lo w/grv		None		
	25-36	l y b si w/grv		None		
451	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
452	0-12	o b si lo w/grv		None		
	12-25	l y b si w/grv		None		
453	0-21	o b si lo w/grv		None		
	21-32	l y b si w/grv		None		
454	0-21	o b si lo w/grv		None		
	21-33	l y b si w/grv		None		
455	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
456	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
457	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
458	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
459	0-15	o b si lo w/grv		None		
	15-28	l y b si w/grv		None		
460	0-19	o b si lo w/grv		None		
	19-34	l y b si w/grv		None		
461	0-21	o b si lo w/grv		None		
	21-35	l y b si w/grv		None		
462	0-19	d g b si lo w/grv		None		
	19-35	l y b si w/grv		None		
463	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
464	0-27	d b si lo w/grv		None		
	27-35	l y b si w/grv		None		
465	0-26	o b si lo w/grv		None		
	26-36	l y b si w/grv		None		
466	0-21	o b si lo w/grv		None		
	21-33	l y b si w/grv		None		
467	0-22	o b si lo w/grv		None		
	22-35	l y b si w/grv		None		
468	0-24	o b si lo w/grv		None		
	24-36	l y b si w/grv		None		
469	0-24	d b si lo w/grv		None		
	24-34	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
470	0-23	o b si lo w/grv		None		
	23-36	l y b si w/grv		None		
471	0-21	o b si lo w/grv		None		
	21-35	l y b si w/grv		None		
472	0-30	o b si lo w/grv		None		
	30-45	l y b si w/grv		None		
473	0-23	o b si lo w/grv		None		
	23-43	l y b si w/grv		None		
474	0-17	o b si lo w/grv		None		
	17-35	l y b si w/grv		None		
475	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
476	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
477	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
478	0-21	o b si lo w/grv		None		
	21-36	l y b si w/grv		None		
479	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		
480	0-17	o b si lo w/grv		None		
	17-34	l y b si w/grv		None		
481	0-24	o b si lo w/grv		None		
	24-35	l y b si w/grv		None		
482	0-26	o b si lo w/grv		None		
	26-36	l y b si w/grv		None		
483	0-20	o b si lo w/grv		None		
	20-31	l y b si w/grv		None		
484	0-26	o b si lo w/grv		None		
	26-36	l y b si w/grv		None		
485	0-32	o b si lo w/grv		None		
	32-44	l y b si w/grv		None		
486	0-25	o b si lo w/grv		None		
	25-38	l y b si w/grv		None		
487	0-20	o b si lo w/grv		None		
	20-32	l y b si w/grv		None		
488	0-16	o b si lo w/grv		None		
	16-28	l y b si w/grv		None		
489	0-20	o b si lo w/grv		None		
	20-39	l y b si w/grv		None		
490	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv		None		
491	0-28	o b si lo w/grv		None		
	28-43	l y b si w/grv		None		
492	0-26	o b si lo w/grv		None		
	26-46	l y b si w/grv		None		
493	0-22	o b si lo w/grv		None		
	22-41	l y b si w/grv		None		
494	0-17	o b si lo w/grv		None		
	17-31	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
495	0-10	o b si lo w/grv		None		
	10-25	l y b si w/grv		None		
496	0-16	o b si lo w/grv		None		
	16-26	l y b si w/grv		None		
497	0-21	o b si lo w/grv		None		
	21-32	l y b si w/grv		None		
498	0-22/rock	o b si lo w/grv		None		
499	0-22	o b si lo w/grv		None		
	22-32	l y b si w/grv		None		
500	0-19	o b si lo w/grv		None		
	19-32	l y b si w/grv		None		
501	0-11	o b si lo w/grv		None		
	11-26	l y b si w/grv		None		
502	0-22/no topsoil	o b si lo w/grv		None		
503	0-20/rock	o b si lo w/grv		None		
504	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
505	0-30/rock	o b si lo w/grv		None		
506	0-20	o b si lo w/grv		None		
	20-36	l y b si w/grv		None		
507	0-32/rock	o b si lo w/grv		None		
508	0-5	o b si lo w/grv		None		
	5-26	l y b si w/grv		None		
509	0-12	o b si lo w/grv		None		
	12-30	l y b si w/grv		None		
510	0-31	d g b si lo w/grv		None		
	31-43	l y b si w/grv		None		
511	0-25	o b si lo w/grv		None		
	25-38	l y b si w/grv		None		
512	0-23	o b si lo w/grv		None		
	23-34	l y b si w/grv		None		
513	0-25	o b si lo w/grv		None		
	25-36	l y b si w/grv		None		
514	0-24	o b si lo w/grv		None		
	24-36	l y b si w/grv		None		
515	0-28	o b si lo w/grv		None		
	28-40	l y b si w/grv		None		
516	0-24	o b si lo w/grv		None		
	24-36	l y b si w/grv		None		
517	0-14	o b si lo w/grv		None		
	14-26	l y b si w/grv		None		
518	0-24	o b si lo w/grv		None		
	24-38	l y b si w/grv		None		
519	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
520	0-23	o b si lo w/grv		None		
	23-33	l y b si w/grv		None		
521	0-20	o b si lo w/grv		None		
	20-33	l y b si w/grv		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
522	0-19	o b si lo w/grv		None		
	19-32	l y b si w/grv		None		
523	0-34	o b si lo w/grv		None		
	34-44	l y b si w/grv		None		
524	0-11	o b si lo w/grv		None		
	11-30	l y b si w/grv		None		
525	0-15	o b si lo w/grv		None		
	15-31	l y b si w/grv		None		
526	0-21	o b si lo w/grv		None		
	21-38	l y b si w/grv		None		
527	0-26	o b si lo w/grv		None		
	26-45	l y b si w/grv		None		
528	0-26	d g b si lo w/grv		None		
	26-46	l y b si w/grv		None		
529	0-23	o b si lo w/grv		None		
	23-42	l y b si w/grv		None		
530	0-28	o b si lo w/grv		None		
	28-48	l y b si w/grv and cob.		None		
531	0-24	o b si lo w/grv		None		
	24-44	l y b si w/grv		None		
532	0-24	o b si lo w/grv		None		
	24-45	l y b si w/grv		None		
533	0-18	o b si lo w/grv		None		
	18-37	l y b si w/grv		None		
534	0-17	o b si lo w/grv		None		
	17-37	l y b si w/grv		None		
535	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
536	0-17	o b si lo w/grv		None		
	17-34	l y b si w/grv		None		
537	0-24	o b si lo w/grv		None		
	24-37	l y b si w/grv		None		
538	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
539	0-28	o b si lo w/grv		None		
	28-42	l y b si w/grv		None		
540	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv		None		
541	0-30	o b si lo w/grv		None		
	30-43	l y b si w/grv		None		
542	0-27	o b si lo w/grv		None		
	27-39	l y b si w/grv		None		
543	0-10	o b si lo w/grv		None		
	10-26	l y b si w/grv		None		
544	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
545	0-13	o b si lo w/grv		None		
	13-26	l y b si w/grv		None		
546	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		

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ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
547	0-18	o b si lo w/grv		None		
	18-34	l y b si w/grv		None		
548	0-33	o b si lo w/grv		None		
	33-46	l y b si w/grv		None		
549	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv		None		
550	0-30	o b si lo w/grv		None		
	30-45	l y b si w/grv		None		
551	0-22	o b si lo w/grv		None		
	22-37	l y b si w/grv		None		
552	0-24	o b si lo w/grv		None		
	24-39	l y b si w/grv		None		
553	0-28/rock	o b si lo w/grv		None		
554	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
555	0-23	o b si lo w/grv		None		
	23-36	l y b si w/grv		None		
556	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
557	0-17	o b si lo w/grv		None		
	17-36	l y b si w/grv		None		
558	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
559	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
560	0-25	o b si lo w/grv		None		
	25-45	l y b si w/grv		None		
561	0-24	o b si lo w/grv		None		
	24-45	l y b si w/grv		None		
562	0-21	o b si lo w/grv		None		
	21-40	l y b si w/grv		None		
563	0-26	o b si lo w/grv		None		
	26-46	l y b si w/grv		None		
564	0-21	o b si lo w/grv		None		
	21-40	l y b si w/grv		None		
565	0-34	o b si lo w/grv		None		
	34-50	l y b si w/grv		None		
566	0-17	o b si lo w/grv		None		
	17-37	l y b si w/grv		None		
567	0-21	o b si lo w/grv		None		
	21-41	l y b si w/grv		None		
568	0-23/bedrock	o b si lo w/grv		None		
569	0-15	o b si lo w/grv		None		
	15-30	l y b si w/grv		None		
570	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
571	0-18	o b si lo w/grv		None		
	18-34	l y b si w/grv		None		
572	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
573	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv		None		
574	0-10	o b si lo w/grv		None		
	10-24	l y b si w/grv		None		
575	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
576	0-16	o b si lo w/grv		None		
	16-30	l y b si w/grv		None		
577	0-17	o b si lo w/grv		None		
	17-31	l y b si w/grv		None		
578	0-21	o b si lo w/grv		None		
	21-37	l y b si w/grv		None		
579	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
580	0-20	o b si lo w/grv		None		
	20-40	l y b si w/grv		None		
581	0-23	o b si lo w/grv		None		
	23-44	l y b si w/grv		None		
582	0-21	o b si lo w/grv		None		
	21-41	l y b si w/grv		None		
583	0-23	o b si lo w/grv		None		
	23-44	l y b si w/grv		None		
584	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
585	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
586	0-20	o b si lo w/grv		None		
	20-40	l y b si w/grv		None		
587	0-15	o b si lo w/grv		None		
	15-37	l y b si w/grv		None		
588	0-19/bedrock	o b si lo w/grv		None		
589	0-20	o b si lo w/grv		None		
	20-40	l y b si w/grv		None		
590	0-10	o b si lo w/grv		None		
	10-20	l y b si w/grv		None		
591	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
592	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
593	0-21	o b si lo w/grv		None		
	21-41	l y b si w/grv		None		
594	0-23	o b si lo w/grv		None		
	23-44	l y b si w/grv		None		
595	0-17	o b si lo w/grv		None		
	17-40	l y b si w/grv		None		
596	0-23	o b si lo w/grv		None		
	23-43	l y b si w/grv		None		
597	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
598	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
599	0-10	o b si lo w/grv		None		
	10-25	l y b si w/grv		None		
600	0-20	o b si lo w/grv		None		
	20-34	l y b si w/grv		None		
601	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv		None		
602	0-17	o b si lo w/grv		None		
	17-32	l y b si w/grv		None		
603	0-19	o b si lo w/grv		None		
	19-35	l y b si w/grv		None		
604	0-23	o b si lo w/grv		None		
	23-38	l y b si w/grv		None		
605	0-17	o b si lo w/grv		None		
	17-37	l y b si w/grv		None		
606	0-18	o b si lo w/grv		None		
	18-40	l y b si w/grv		None		
607	0-23	o b si lo w/grv		None		
	23-42	l y b si w/grv		None		
608	0-17	d g b si lo w/grv		None		
	17-40	l y b si w/grv		None		
609	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
610	0-21	o b si lo w/grv		None		
	21-39	l y b si w/grv		None		
611	0-19	o b si lo w/grv		None		
	19-41	l y b si w/grv		None		
612	0-16	o b si lo w/grv		None		
	16-31	l y b si w/grv and cob.		None		
613	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv		None		
614	0-20	d g b si lo w/grv		None		
	20-35	l y b si w/grv		None		
615	0-18	o b si lo w/grv		None		
	18-34	l y b si w/grv		None		
616	0-16	d g b si lo w/grv		None		
	16-32	l y b si w/grv		None		
617	0-17	o b si lo w/grv		None		
	17-29	l y b si w/grv		None		
618	0-18	o b si lo w/grv		None		
	18-31	l y b si w/grv		None		
619	0-5	o b si lo w/grv and cob.		None		
	5-20	l y b si w/grv		None		
620	0-12	o b si lo w/grv		None		
	12-25	l y b si w/grv		None		
621	0-19	d g b si lo w/grv		None		
	19-31	l y b si w/grv		None		
622	0-18	o b si lo w/grv		None		
	18-30	l y b si w/grv		None		

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ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
623	0-14	o b si lo w/grv		None		
	14-26	l y b si w/grv and cob.		None		
624	0-22	o b si lo w/grv		None		
	22-35	l y b si w/grv		None		
625	0-18	o b si lo w/grv		None		
	18-28	l y b si w/grv		None		
626	0-10	o b si lo w/grv		None		
	10-21	l y b si w/grv		None		
627	0-14	o b si lo w/grv		None		
	14-26	l y b si w/grv		None		
628	0-19	o b si lo w/grv		None		
	19-30	l y b si w/grv		None		
629	0-17	o b si lo w/grv		None		
	17-30	l y b si w/grv and cob.		None		
630	0-18	o b si lo w/grv		None		
	18-30	l y b si w/grv		None		
631	0-23	o b si lo w/grv		None		
	23-35	l y b si w/grv		None		
632	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
633	0-12	o b si lo w/grv		None		
	12-20	l y b si w/grv		None		
634	0-15	o b si lo w/grv		None		
	15-26	l y b si w/grv		None		
635	0-19	o b si lo w/grv		None		
	19-29	l y b si w/grv and cob.		None		
636	0-21	o b si lo w/grv		None		
	21-30	l y b si w/grv		None		
637	0-21	o b si lo w/grv		None		
	21-30	l y b si w/grv		None		
638	0-22	o b si lo w/grv		None		
	22-33	l y b si w/grv		None		
639	0-19	o b si lo w/grv		None		
	19-31	l y b si w/grv		None		
640	0-18	o b si lo w/grv		None		
	18-40	l y b si w/grv		None		
641	0-17	o b si lo w/grv		None		
	17-40	l y b si w/grv		None		
642	0-18	o b si lo w/grv		None		
	18-39	l y b si w/grv		None		
643	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
644	0-25	o b si lo w/grv		None		
	25-45	l y b si w/grv		None		
645	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
646	0-25	o b si lo w/grv		None		
	25-47	l y b si w/grv		None		
647	0-12	o b si lo w/grv		None		
	12-24	l y b si w/grv and cob.		None		

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
648	0-6	o b si lo w/grv		None		
	6-20	l y b si w/grv		None		
649	0-8	d b si lo w/grv		None		
	8-20	l y b si w/grv		None		
650	0-15	o b si lo w/grv		None		
	15-28	l y b si w/grv		None		
651	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		
652	0-17	o b si lo w/grv		None		
	17-34	l y b si w/grv		None		
653	0-18	o b si lo w/grv		None		
	18-34	l y b si w/grv		None		
654	0-25	o b si lo w/grv	1	tertiary flake	wh quartzite	23.7
			1	biface resharpening flake	gr Norm. chert	2.7
	25-40	l y b si w/grv		None		
654A	0-21	o b si lo w/grv		None		
	21-40	l y b si w/grv		None		
654B	0-23	o b si lo w/grv	1	tertiary flake	bl chert	0.3
	23-39	l y b si w/grv		None		
654C	0-23	o b si lo w/grv		None		
	23-38	l y b si w/grv		None		
654D	0-22	o b si lo w/grv	1	tertiary flake	gr Norm. chert	1.5
	22-36	l y b si w/grv		None		
654E	0-25	o b si lo w/grv		None		
	25-39	l y b si w/grv		None		
654F	0-26	o b si lo w/grv		None		
	26-41	l y b si w/grv		None		
654G	0-22	o b si lo w/grv		None		
	22-36	l y b si w/grv		None		
654H	0-20	d b si lo w/grv		None		
	20-36	l y b si w/grv		None		
655	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		
656	0-18	o b si lo w/grv		None		
	18-38	l y b si w/grv		None		
657	0-19	o b si lo w/grv		None		
	19-36	l y b si w/grv		None		
658	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
659	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
660	0-20	d b si lo w/grv		None		
	20-41	l y b si w/grv		None		
661	0-18	o b si lo w/grv		None		
	18-40	l y b si w/grv		None		
662	0-22	o b si lo w/grv		None		
	22-43	l y b si w/grv and cob.		None		
663	0-25	o b si lo w/grv		None		
	25-46	l y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
664	0-21	o b si lo w/grv	1	biface	d g chert	8.1
	21-41	l y b si w/grv		None		
664A	0-23	o b si lo w/grv		None		
	23-43	l y b si w/grv		None		
664B	0-21	o b si lo w/grv	1	secondary decort. flake	gr Norm. chert	1.6
	21-41	l y b si w/grv		None		
664C	0-20	o b si lo w/grv	1	secondary decort. flake	mottled g chert	2.3
	20-41	l y b si w/grv		None		
664D	0-22	o b si lo w/grv		None		
	22-43	l y b si w/grv		None		
664E	0-23	o b si lo w/grv		None		
	23-43	l y b si w/grv		None		
664F	0-20	o b si lo w/grv	1	secondary decort. flake/block	gr Norm. chert	1.2
	20-40	l y b si w/grv		None		
664G	0-27	o b si lo w/grv		None		
	27-47	l y b si w/grv		None		
664H	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
665	0-19	d b si lo w/grv		None		
	19-40	l y b si w/grv		None		
666	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
667	0-20	v d g b si lo w/grv		None		
	20-40	l y b si w/grv		None		
668	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
669	0-16	d b si lo w/grv		None		
	16-35	l y b si w/grv		None		
670	0-20	o b si lo w/grv		None		
	20-35	l y b si w/grv		None		
671	0-23	o b si lo w/grv		None		
	23-40	l y b si w/grv and cob.		None		
672	0-25	o b si lo w/grv		None		
	25-37	l y b si w/grv		None		
673	0-18	o b si lo w/grv		None		
	18-36	l y b si w/grv		None		
674	0-17	o b si lo w/grv		None		
	17-33	l y b si w/grv		None		
675	0-21	o b si lo w/grv		None		
	21-37	l y b si w/grv		None		
676	0-19	o b si lo w/grv		None		
	19-33	l y b si w/grv		None		
677	0-20	d g b si lo w/grv		None		
	20-40	l y b si w/grv		None		
678	0-19	o b si lo w/grv		None		
	19-36	l y b si w/grv		None		
679	0-18	o b si lo w/grv		None		
	18-36	l y b si w/grv		None		
680	0-26	o b si lo w/grv		None		
	26-40	l y b si w/grv		None		

SHOVEL TEST RECORD

ST#	Depth	Soil Description	Q	Artifacts	Mat	Wt
681	0-20	o b si lo w/grv		None		
	20-40	l y b si w/grv and cob.		None		
682	0-20	o b si lo w/grv		None		
	20-40	l y b si w/grv		None		
683	0-22	o b si lo w/grv and cob.		None		
	22-43	l y b si w/grv		None		
684	0-20	o b si lo w/grv and cob.		None		
	20-42	l y b si w/grv		None		
685	0-22	d g b si lo w/grv		None		
	22-41	l y b si w/grv		None		
686	0-22	o b si lo w/grv		None		
	22-42	l y b si w/grv		None		
687	0-24	o b si lo w/grv		None		
	24-44	l y b si w/grv		None		
688	0-16	o b si lo w/grv		None		
	16-37	l y b si w/grv		None		
689	0-18	o b si lo w/grv		None		
	18-40	l y b si w/grv		None		
690	0-16	o b si lo w/grv		None		
	16-36	l y b si w/grv		None		
691	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv and cob.		None		
692	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
693	0-21	o b si lo w/grv		None		
	21-42	l y b si w/grv		None		
694	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
695	0-21	o b si lo w/grvand cob.		None		
	21-43	l y b si w/grv		None		
696	0-20	o b si lo w/grv		None		
	20-41	l y b si w/grv		None		
697	0-19	o b si lo w/grv		None		
	19-40	l y b si w/grv		None		
698	0-25	v d b si lo w/grv		None		
	25-28/rock	l y b si w/grv		None		
699	0-14	o b si lo w/grv		None		
	14-29	l y b si w/grv		None		
700	0-18	o b si lo w/grv		None		
	18-33	l y b si w/grv		None		
701	0-17	d g b si lo w/grv		None		
	17-35	l y b si w/grv		None		
702	0-15	o b si lo w/grv		None		
	15-30	l y b si w/grv		None		
703	0-27	v d b si lo w/grv		None		
	27-41	l y b si w/grv		None		

SHOVEL TEST RECORD

APPENDIX 2

NEW YORK STATE OFFICE OF PARKS RECREATION AND HISTORIC PRESERVATION PREHISTORIC RESOURCE INVENTORY FORM

Office Use Only: USN_____

1. IDENTIFICATION: Project Identifier: **Rail Trail Subdivision** Date: **11/7/08**

Prepared By: Joseph E. Diamond, Archaeological Consultant, 290 Old Route 209, Hurley, NY 12443. (845)338-0091

Site Identifier: **Rail Trail Subdivision pre-contact site, Locus 1**

Property Name:

2. County: **Dutchess** Town: **Wappinger** Hamlet:

3. Present Owner: **Global Satellite , LLC**

4. SITE DESCRIPTION:
Surface Evidence: Buried Evidence: **X**

LOCATION:
Previously Cultivated: **X** Woodland: **X** Upland: **X**

Soil Drainage: excellent: **X**
Slope: flat: gentle: **X**
Distance to nearest water: **At edge of Town of Wappinger wetlands, otherwise 750 ft.**

Elevation: **c. 272 ft AMSL**

5. Phase 1B Site Investigation: **One artifact, a projectile point tip found in shovel test #224. An additional 8 radials located no other artifacts.**

Investigator: **J. Diamond** Present repository of Materials: **J. Diamond**

Manuscript or Published Reports: **Joseph E. Diamond Ph.D. Phase 1 Cultural Resource Investigation, Rail Trail Subdivision, Town of Wappinger, Dutchess County NY. 11/7/08**

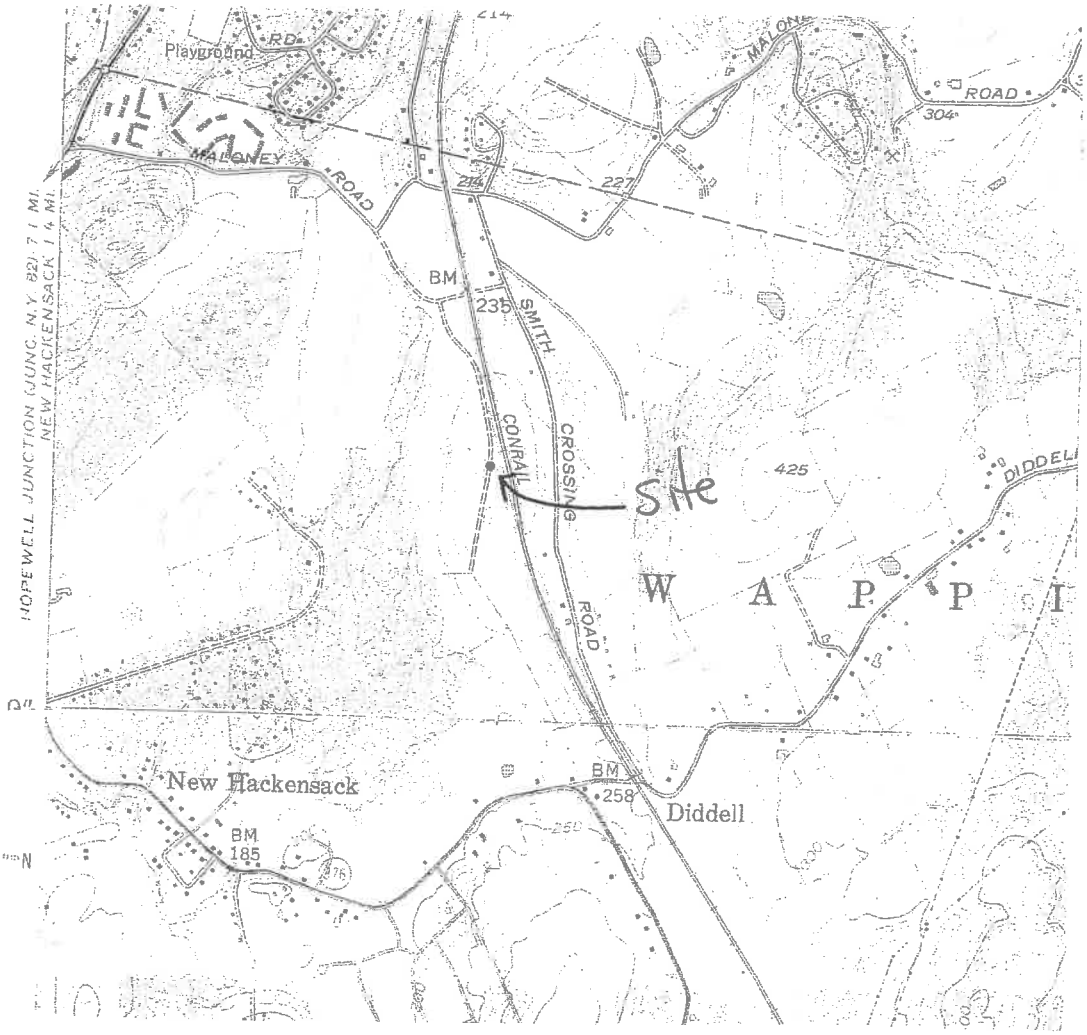
6. Components/ Cultural Affiliations/ Dates: **No culturally diagnostic artifacts.**

7. Total List of Material Remains From Phase 1B: **One projectile point tip of green Normanskill chert. Probably Archaic.**

8. Map references: Quadrangle: **Pleasant Valley Quadrangle**

UTM Coordinates:_____

9. Photography:



Prepared By: Joseph E. Diamond, Archaeological Consultant, 290 Old Route 209, Hurley, NY 12443. (845) 338-0091

NEW YORK STATE OFFICE OF PARKS RECREATION AND HISTORIC PRESERVATION PREHISTORIC RESOURCE INVENTORY FORM

Office Use Only: USN_____

1. IDENTIFICATION: Project Identifier: **Rail Trail Subdivision** Date: **11/7/08**

Prepared By: Joseph E. Diamond, Archaeological Consultant, 290 Old Route 209, Hurley, NY 12443. (845)338-0091

Site Identifier: **Rail Trail Subdivision pre-contact site, Locus 2**

Property Name:

2. County: **Dutchess** Town: **Wappinger** Hamlet:

3. Present Owner: **Global Satellite , LLC**

4. SITE DESCRIPTION:
Surface Evidence: Buried Evidence: **X**

LOCATION:
Previously Cultivated: **X** Woodland: **X** Upland: **X**

Soil Drainage: excellent: **X**
Slope: flat: **X** gentle:
Distance to nearest water: **200 ft** Elevation: **c. 212-216 ft AMSL**

5. Phase 1B Site Investigation: **8 artifacts found in 7 shovel tests (654, 654B, 654D, 664, 664B, 664C, 664F)**

Investigator: **J. Diamond** Present repository of Materials: **J. Diamond**

Manuscript or Published Reports: **Joseph E. Diamond Ph.D. Phase 1 Cultural Resource Investigation, Rail Trail Subdivision, Town of Wappinger, Dutchess County NY. 11/7/08**

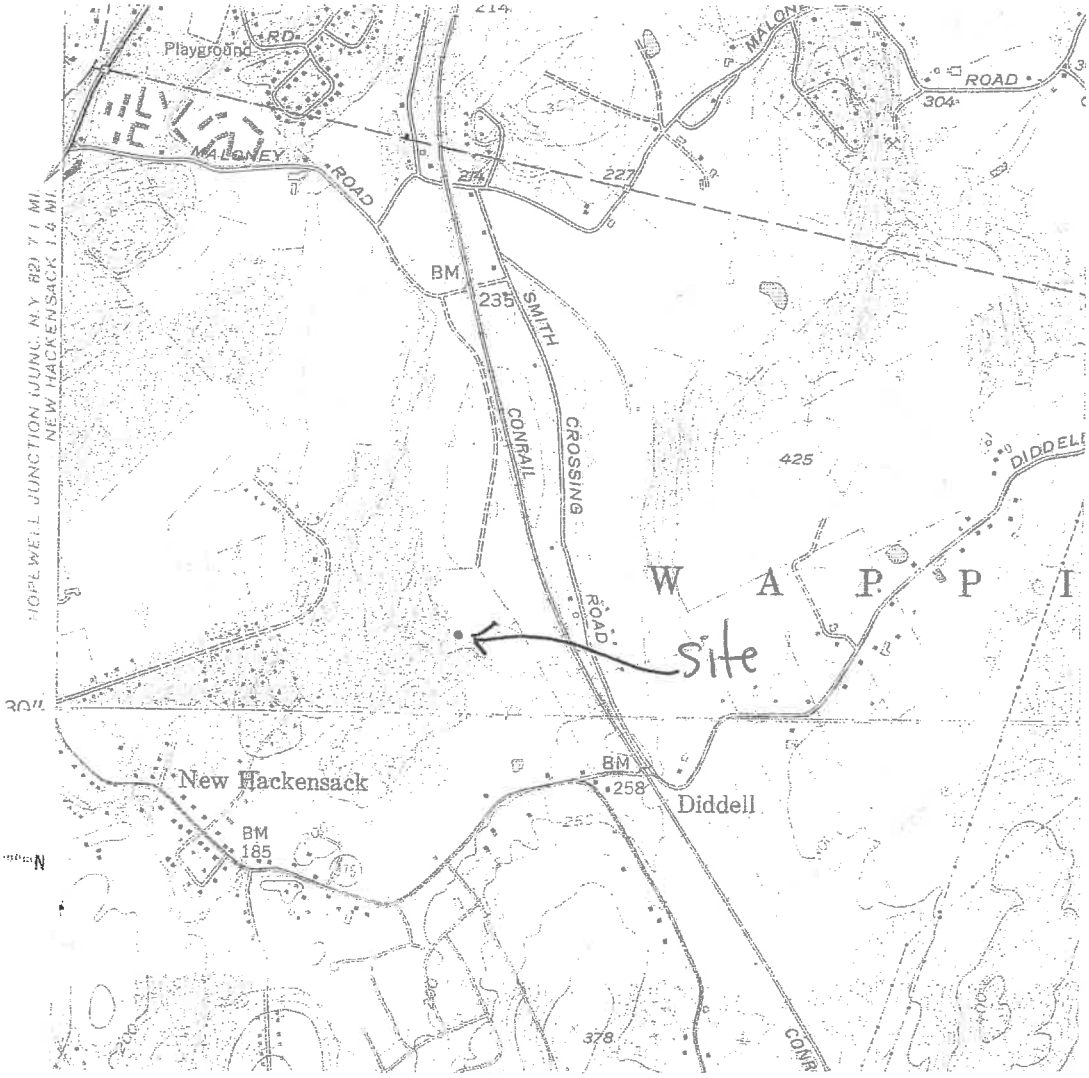
6. Components/ Cultural Affiliations/ Dates: **No culturally diagnostic artifacts.**

7. Total List of Material Remains From Phase 1B: **3 tertiary flakes, 3 secondary decortication flakes, a biface, and a biface resharpening flake (N=8). Materials include green Normanskill chert, mottled grey chert, black chert, dark grey chert and white quartzite.**

8. Map references: Quadrangle: **Pleasant Valley Quadrangle**

UTM Coordinates:_____

9. Photography:



Prepared By: Joseph E. Diamond, Archaeological Consultant, 290 Old Route 209, Hurley, NY 12443. (845) 338-0091