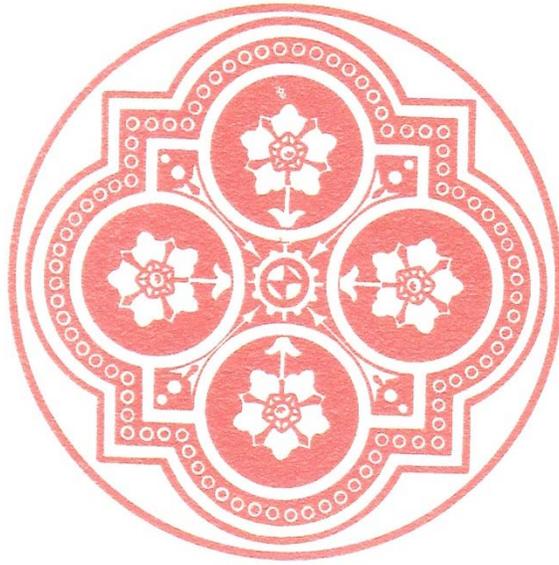


APPENDIX G

Cultural Resource Survey Report
and Addendum

Nussbaum Property

Phase 1A Literature Review and Sensitivity Analysis
&
Phase 1B Archaeological Field Reconnaissance Survey



Route 17M (Chester Road)
Town and Village of Chester, Orange County New York

Prepared for:

Tim Miller Associates, Inc.
10 North Street
Cold Spring, New York 10516

By:

CITY/SCAPE: Cultural Resource Consultants
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Revised October 2008
August 2008

NUSSBAUM PROPERTY

Route 17M (Chester Road)
Town and Village of Chester, Orange County, New York

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Management Summary

SHPO Project Review Number (if available): N/A

Involved State and Federal Agencies (DEC, CORPS, FHWA, etc): DEC

Phase of Survey: **Phase 1A Literature Review & Sensitivity Analysis and Phase 1B Archaeological Field Reconnaissance Survey**

Location Information:

Location: **Route 17M (Chester Road)**

Minor Civil Division: **Town and Village of Chester**

County: **Orange**

Survey Area (Metric & English)

Length: **758.4 m (2487.7')**

Width: **534.2 m (1752.5')**

Depth (when appropriate):

Number of Acres Surveyed: **26.15 Hectares (±64.557 acres)**

Number of Square Meters & Feet Excavated (Phase II, Phase III only): **N/A**

Percentage of the Site Excavated (Phase II, Phase III only):

USGS 7.5 Minute Quadrangle Map: **Warwick Lake**

Archaeological Survey Overview

Number & Interval of Shovel Tests: **920 @ 50' (15 m) and 25' (7.5 m)**

Number & Size of Units: **N/A**

Width of Plowed Strips: **N/A**

Surface Survey Transect Interval: **N/A**

Results of Archaeological Survey

Number & name of prehistoric sites identified: **0**

Number & name of historic sites identified: **0**

Number & name of sites recommended for Phase II/Avoidance: **N/A**

Results of Architectural Survey

Number of buildings/structures/cemeteries within project area: **0**

Number of buildings/structures/cemeteries adjacent to project area: **0**

Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: **N/A**

Number of identified eligible buildings/structures/cemeteries/districts: **N/A**

Report Author (s): **Stephanie Roberg-Lopez M.A., R.P.A. Gail T. Guillet and Beth Selig**

Date of Report: **August 2008**

NUSSBAUM PROPERTY

Route 17M (Chester Road)

Town of Chester. Orange County, New York

Introduction

The following report presents the results of a Phase 1A Literature Review and Sensitivity Analysis prepared for Tim Miller Associates, Inc. by CITY/SCAPE: Cultural Resource Consultants. The property, containing ±68.427 acres, is located on the east side of Route 17M (Chester Road) a short distance north of the Route 17M-Route 94 intersection in the Town and Village of Chester. (Map 1 & 2) The bulk of the site is located in the Town of Chester, but a small triangular piece falls within the bounds of the Village of Chester. Maps provided indicate that the land slopes upward toward the north, rising approximately 100 feet to a high point of 600 feet above mean sea level (AMSL). The property contains a wetland of ±4 acres that to drain south into Otter Kill, a tributary of the Wallkill River. The current conditions map indicates that there are several areas of relatively steep slope, and the accompanying soils map indicates that there are areas on the site that exceed 25% in slope.

The project area adjoins commercial and residential development in the Village of Chester, to the south and east, but is adjacent to an active farm on the northwestern boundary. (Photo 2) At the present time the project area is open fields, some of which have been or are being cultivated, woodland, wetland, and areas, particularly in the extreme southeast corner near the Chester Mall, that are reverting to scrub (old field succession). (Photo 1 & 5-6) At present no structures are located within the project area, but the aerial photograph of the site suggests that a portion, specifically the area of Otisville and Hoosic soil complex (OVE), has been mined for sand and gravel.

The Phase 1A work was performed in accordance with the requirements of the State Environmental Quality Review Act (SEQRA) 6NYCRR, part 617 of the New York State Environmental Conservation Law and to meet the standards of the New York Archaeological Council (1994), as well as relevant federal standards (36 CFR 61). The report was necessitated by the need for a New York State Department of Environmental Conservation permit.

Project Area Information

The project area, containing ±68.427 acres, of which ±4 acres is wetland, is located on the east side of Route 17M a short distance north of the Route 17M-Route 94 intersection in the Town and Village of Chester. As noted, the bulk of the site is located in the Town of Chester, but several smaller parcels fall within the Village of Chester. (Photo 17-18) Maps provided indicate that the land slopes upward toward the north, rising approximately 100 feet from 500 feet (152.4 m) above mean sea level (AMSL) to a high point of 600 feet (182.88 m) AMSL. The wetland on the site drains to the south. The current conditions map indicates that there are several areas of relatively steep slope, and the accompanying soils map indicates that there are areas on the site that exceed 25% in slope; however, the on-site inspection indicated that a large percentage of the site is either under cultivation or has

only been abandoned recently. The project area encompasses three tax parcels: Tax Parcel 2-1-39, located entirely in the Town of Chester, and Tax Parcel 107-3-4 and Tax parcel 120-1-1 in the Village of Chester. (Fig. 1) The project area also includes a portion of a fourth parcel Tax Lot 108-1-1.

For the purposes of the Phase 1B Literature Review and Sensitivity Analysis, the area of potential effect (APE) is considered the entire property, excepting the wetland area, the 100 foot (30.48 m) setback from wetland maintained by Orange County, and the area that has been mined for sand and gravel.

Environmental Conditions

As has been noted, the site has elevations that rise from approximately 500 feet (152.4 m) AMSL to 600 feet (182.88m) AMSL, with some areas contain steep slopes. Soil conditions on the site range from poorly drained (Ma) to excessively drained (OVE), however, most of the soils on the site are suitable for agriculture and would have been suitable for prehistoric occupation. The excessively drained soil complex, Otisville and Hoosic (OVE), is composed of sand and gravel derived from glacial outwash deposits, while the poorly drained area, Madalin silt loam (Ma), is derived from glacial lake deposits. The balance of the soils on the site are moderately well drains soils derived from glacial till deposits (MdB-D & ErB). (Fig. 2) Although there is a wetland on the site, the project area is not crossed by any streams, but is located uphill from the Otterkill, a tributary of the Wallkill River. Although it was not observed in the walkover of the site, it is reported that there was formerly a spring on the site (Personal communication, Mr. Talmadge, May 2006). The wetland on the property may be associated with this spring.

The site is geologically part of the Ridge and Valley Province, but is more specifically located in the Hudson Mohawk Lowlands region of New York State. The project area is located in the Wallkill Valley, a broad valley drained by the Wallkill River, which is situated approximately 7 miles (11.2 km) west of the Village of Chester. Geologically, the Nussbaum property is located in an area of sedimentary rock, composed of shale, siltstone and sandstone, that has been covered by glacial till (Schuberth, 1968:16-17). The underlying rock is of Ordovician age.

The soils on the site have been described above, but are identified in detail in Appendix C, which includes the soil descriptions from the *Soil Survey of Orange County* (USDA 1994).

Vegetation on the site includes primarily open farm fields that have been or are now being cultivated for corn and hay. (Photo 3 & 5-6) At the time of the site visit, the higher portions of the site had not yet been planted, but a local informant told us that the farmer who has used the land for many years would soon plant it with corn (Personal communication, Mr. Talmadge, May 2006) (Photo 19) A small portion of the site, limited principally to the small parcel in the Village of Chester, has plants associated with the early stages of "old field succession," including the small trees and shrubs. Wetland vegetation was observed in the west central portion of the site. The steeper slopes on the site are tree covered by species associated with the transitional area between the Appalachian Oak Forest Zone and the Northern Hardwood Forest Zone. In the Northern Hardwood Forest Zone, sugar maple, birch, beech and hemlock are the predominant trees in this type of forest (Küchler 1964). In the Appalachian Oak Forest Zone, tall, broad-leaved deciduous trees predominate, particularly Red Oak and White Oak.

Potential for Site to Contain Prehistoric or Historic Cultural Resources

As part of the initial research for the Phase 1A Literature Review, CITY/SCAPE: Cultural Resource Consultants examined the archaeological site maps housed at Peebles Island. These files indicate that no prehistoric sites have been identified within the project area or adjacent to it; however, a prehistoric village site has been reported within a 1 mile (1.6 km) radius of the project area (OPRHP A071.51.004). The site, identified in 1983 during a survey for an apartment complex, yielded an end scraper, two chert flakes, and a fragment of Normanskill chert (Dumont & Dumont 1983). The site was located at an elevation of 500' (152.4 m) AMSL, at the same elevation and in similar environmental conditions as those found within the lower portion of the project area. Some years earlier, a survey for the Chester Sewer System, identified a prehistoric camp site less than a ¼ mile (0.4 km) northeast of the project area (Mead 1977). In the same time period, a small site was identified north of Meadow Avenue that yielded debitage and a chert knife (Dumont 1979). More recently, a small flake scatter was identified on a hill north of Meadow Avenue overlooking the Greycourt black dirt area (Oberon 2004).

Not included in the archaeological site files at Peebles Island is a prehistoric site, supposed to date to the Woodland period, that was reported to us during the site visit. That site is located in a protected environment immediately to the northwest of the project area on the Otter Kill (Personal communication, Mr. Talmadge, May 2006). Among the artifacts reportedly recovered was a mortar and pestle. Mr. Talmadge also showed Kris Mierisch and me prehistoric and historic artifacts that he stated had been recovered from the project area.

There are reported historic resources located within a mile (1.6 km) of the project area, but, due to distance and topography, none of the reported resources will be impacted by the proposed project. During the site visit, we were informed by Mr. Talmadge that the highest point on the project area had been examined by avocational archaeologists interested in Revolutionary War site, and that an encampment area had been identified. This will be discussed in more detail below.

The OPRHP reported prehistoric sites are:

NYSM Site	OPRHP Site	Distance from APE Ft (m)	Time Period	Site Type
	A071-51-0004	<5,280/1609 m	Woodland	Village site
	A071-51-0013	<1320/402.3 m	Unknown	Campsite
	A071-02-0064	<2640/804.67 m	Unknown	Campsite
		<5,280/1609 m	Unknown	Flake scatter

The presence of reported prehistoric resources within a mile (5,280/1609 m) in topography similar to that found within the project area indicates that the Nussbaum property has the potential to contain prehistoric resources; however, prehistoric resources reportedly recovered on and adjacent to the site raises the potential of the project area to high. This assessment is based on the following:

- the reported presence of prehistoric material recovered from the project area itself;

- a prehistoric site identified on adjacent property in environmental conditions considered extremely favorable (a protected location on the Otter Kill);
- the nearby presence of the Otter Kill, a known locus of prehistoric activity;
- the elevation of the site, which would have provided a lookout for game or the approach of groups of people
- the lower elevations on the site, at which prehistoric material has been recovered nearby;
- the reported spring on the property that could have provided potable water;
- and the presence of a wetland on the site that would have served as a magnet for prehistoric peoples.

We would expect prehistoric sites, if any, to be located on the more level portions of the property or on the high knoll, which would have provided, as it does today, a broad outlook. (Photo 3 & 6)

History of the Site

The material presented below is not intended to be an exhaustive examination of the history of the site, but is, rather, an exercise to locate and identify structures either on or adjacent to the project area that may be of historic significance. For this purpose, a group of historic maps available at the State Museum in Albany and at the Orange County Historical Society have provided the basis for the discussion.

The Town of Chester was originally a part of the Wawayanda Patent, granted in 1703; this patent is also referred to as the John Bridges and Company Patent. Until 1845, the Town of Chester was part of the Town of Goshen, but population increases led to the erection of the Town of Chester in that year. The earliest area of settlement in the Town of Chester was at Grey Court, now within the Village of Chester limits, where Daniel Cromline established his family in 1716. Settlement was initially sparse, with groups of houses being built at crossroads or where water to power mills was available. Farmers built their homes along the highways that provided access to the small settlements, of which Chester is an example. Chester was originally a group of small hamlet areas, that grew in prominence and importance with the construction of the Erie Railroad in the second half of the 19th century. At the time of the Civil War, the portion of the Great Swamp located east of Chester was drained, increasing agricultural production of such crops as celery and onions, products not previously available in the area. These products, along with milk and cheese, were shipped by rail to New York City.

Although for some areas earlier maps exist that include the project area, they do not, in most cases, identify individual structures or provide the names of landowners. From the mid-19th century onward we have several maps that include the project area and the land around it, but it is not until Beers' 1875 *County Atlas of Ulster, New York*, that the owner of the property can be clearly identified. (Map 3) At the time it appears that the land was owned by the Hughes family. The Otter Kill crossed their property, flowing south to power a grist mill, saw mill, and a plaster mill. There were several houses clustered around the mills, including ones occupied by A. B. Seeley, F. B. Seeley, C. D. House and the C. B. Wood family. In 1881, the area was known as West Chester, which was described in Ruttenber's *History of Orange County* as "a small hamlet, distinct from the other villages sufficient to have a

separate name. (Ruttenber 1881:616). At that time West Chester had the W. A. Lawrence creamery and cheese factory, a tailor shop that was combined with "something of a grocery-store", the Seeley grist and saw mill, formerly known as the Daniel Denton mill, and a large wholesale business operated by Frank J. Murray that prepared veal for the New York market (Ruttenber 1881:616). A second distinct hamlet area, called East Chester, was located at the intersection of Route 17M and Route 94. Both West Chester and East Chester had sufficient population to warrant a post office; at East Cheater there was a railroad depot for the Warwick Valley Railroad, which intersected the Erie line at Grey Court, a blacksmith shop, and a wagon shop. Three other hamlet areas, now combined to form the Village of Chester, were Chester, at the intersection of Academy Street (Route 94) and Main Street, and another hamlet area referred to as "the village at the depot" (Ruttenber 1881:616). The portion of the village at the intersection of Academy Street and Main Street was the original village, which is said to have grown up on the Yelverton estate, but was in 1881 identified as the location of the store operated by Joseph Durland (Ruttenber 1881:616). It was about a mile from the Erie depot, the "village at the depot," which also had a post office, but in addition to the Erie depot, also had a hotel, numerous shops, manufacturing operations, including a carriage manufactory, several blacksmiths, and an onion dealer. We mention the onion dealer, because it represented new crops that were being grown for the New York market on the former swamp land between Chester and Gray Court. The shipment of these new crops, meat, milk and cheese were facilitated by the construction of the railroads, several of which intersected at Gray Court.

In 1903 Lathrop published a map of the Town of Chester that provides a good deal of information; by this date the roads were named and farms frequently had names such as "Brook View Farm." (Map 4) In 1903 the project area was owned by W. J. Lawrence, who owned 150 acres. The house was located on the east side of the Chester and Goshen State Road (Route 17M). (Photo 4) The farm immediately to the north was "Maple Hurst Dairy," which was owned by J. Seeley Durland, and contained 125 acres. These two farms are shown as a joint operation. The project area, easily identified by the Village of Chester boundary line, was farmland, with no structures of any kind on the site.

South of the farmland, on the west side of the highway inside the Village of Chester boundary, which now encompassed West Chester and East Chester, as well as Chester Station, was the Lawrence & Durland creamery, with its mill pond. Much of the milk supplying the creamery and cream cheese factory would have come from the Lawrence and Durland farms, but, in order to meet production, it must have also been supplied by other farms in the area. The relationship between the Lawrence family, formerly owners of the project area, and the creamery is of interest, because it was William J. Lawrence, who in 1872 developed a cheese combining cream and milk that became known, first as Lawrence & Durland Cow-Brand Neufchatel Star Brand Cream Cheese, and later as Philadelphia Cream Cheese (Eugene Wright 1981). Soon, according to Wright, demand outstripped production and additional people were hired in the W. A. Lawrence & S. S. Durland cheese factory. By 1880 a New York cheese distributor contracted with the company to supply him with cream cheese that became known as "Philadelphia" cream cheese, the name "Philadelphia" being associated with quality products. The Lawrence-Durland family cheese factory was eventually purchased, production ceased in Chester, and the operation was moved to South Edmeston, New York. At a later date, the cream cheese business was purchased by Kraft, Inc., which still produces "Philadelphia" cream cheese (Kraft, Inc. Publicity Dept. nd). At the time of our site visit, Mr. Talmadge related much of this history to Kris Mierisch and me (Personal communication, Mr. Talmadge, May 2006).

The USGS topo map for 1908 shows East Chester and Chester, but West Chester had fallen into decline and was no longer regarded as a separate hamlet area. (Map 5) The Village of Chester boundary is included on the map, allowing easy identification of the project area, which was still vacant farmland.

In summary, the project area appears on maps dating from 1875 to 1908, but at no time is there an indication that it was other than farmland. In the early 20th century the project area was part of the "Brook View Farm", then owned by the Lawrence family. At some point between 1903 and the present, the land was sold out of the family, but was still used to grow crops by relatives of the Lawrence family and others (Personal communication, Mr. Talmadge, May 2006). Historic map research indicates that no structures were located within the project area.

At the time of the site visit we met with Mr. Talmadge, a Lawrence descendent and current owner of "Brookview Farm", who provided us with information that suggested that the project area may have been the location of a military encampment dating to the period of the Revolutionary War. According to Mr. Talmadge, some years ago avocational archaeologists explored the project area using metal detectors. The survey yielded metal materials that reportedly dated to the 18th century, when the military camp occupied the high point on the Nussbaum property (Personal communication, Mr. Talmadge, May 2006). (Photo 5) Based on their survey, the avocational archaeologists described the camp as two lines of tents oriented generally south-north on the high point of the property, from which it is still possible to see a great distance to the south, southeast and northeast. Mr. Talmadge showed us some of the material that he had been given by the team, but, based on our examination, it was not possible for us to confirm the date. Some of the material struck us as more recent, but still of historic interest. In addition to Mr. Talmadge's information, we observed an historic plaque in the village (on Hamiltonian Avenue) reporting military encampment. The inference is that the encampment was located in the immediate vicinity of the plaque, but it is not specific and the plaque is located at the east side of the hill on which the project area is situated. Rutterber's *History of Orange County, New York*, reports that in 1776 two regiments, one from Ulster and one from Orange, were ordered to assemble at Chester, where they were to receive further orders from General George Clinton (Rutterber 1881:55). The material presented here does not constitute proof that the remains of a Revolutionary War encampment is located within the project area, nor did our inspection of the area, in the company of Mr. Talmadge, provide evidence of such an encampment, but, given the information we have received, we must consider the possibility that historic cultural resources dating to the Revolutionary War period may be found on the project area.

Additional Research Undertaken

As part of our research, surveys conducted in the vicinity of the project area were examined. One survey by the New York State Museum was completed in 1993 at the intersection of Route 17M and Route 94 in the Village of Chester (NYSM 1993). No prehistoric material was recovered in the survey, but a number of map documented structures (MDS) were identified and inventoried. In each case it was determined that the locations had been disturbed by road or commercial construction (NYSM 1993:59). In 2002, Tracker Archaeology Services, Inc. prepared Phase I and II Archaeological Investigations at the Townsend Homestead, Village of Chester, Town of Chester, Orange County, New York (Tracker 2002). Evaluation of the Townsend Homestead (OPRHP A07151.000053) determined that it was not eligible for National Register listing (Tracker 2002:Abstract). No prehistoric cultural material was recovered in this survey. The final report examined was prepared by Columbia Heritage, Ltd. in 2004. The Phase 1 Cultural Resources Survey, Site Assessment and Site Identification Phases for the proposed Meadow Hill Subdivision identified a lithic scatter on the site, which overlooks the black dirt area south of the Village of Chester (Oberon 2004: 13). It also identified the King House and associated foundations as historic resources that required further evaluation (Oberon 2004:14).

Sensitivity Assessment and Site Prediction

Professional surveys, the work of avocational archaeologists, and resources identified but not reported to OPRHP in the Town of Chester, indicate the presence of prehistoric sites on or adjacent to the project area. One unreported prehistoric site, located on the adjacent farm, reportedly yielded a mortar and pestle, as well as other prehistoric cultural material (Personal communication, Mr. Talmadge, May 2006). Although our site visit did not identify prehistoric material within the project area, it was reported by Mr. Talmadge that material has been recovered from the site, and he showed us chert debitage and possible tools that he stated had come from the Nussbaum property. Based on this information, which must be considered anecdotal until a professional survey has been undertaken, it is, nevertheless, judged that the project area has a high potential to contain prehistoric cultural material. The reported location where the prehistoric material was recovered was the highest point on the site, which provides extensive views of the surrounding countryside. (Photo 3 & 6) However, it is also possible that the more level areas at a lower elevation might also have been utilized.

The map research indicated that no structures dating to the 19th and 20th century were located within the project area; however, Mr. Talmadge reported that avocational archaeologists had identified a Revolutionary War encampment at the high point on the site. This was reported to consist of two lines of tents oriented generally south-north. Mr. Talmadge showed us material said to have been recovered from the site, but, as noted above, we were not able to provide a positive date for the material examined. However, in view of the statements made by Mr. Talmadge, admittedly anecdotal in nature, the possibility that the project area contains historic cultural resources dating to the Revolutionary War must be considered.

Recommendations for Further Work

Based on the archaeological and historical research, it is concluded that the Nussbaum property contains a high potential to contain prehistoric cultural resources, based on information received from a local informant, which indicates a prehistoric site on the adjacent farm, the recovery of prehistoric resources in similar topography, and the environmental conditions on the site. It is also considered possible that the property has the potential to contain historic cultural material dating, perhaps, to the Revolutionary War period. It is, therefore, recommended that a Phase 1B Archaeological Field Reconnaissance Survey be conducted to rule out the presence of prehistoric and/or historic sites. At the present time, no APE map has been provided, but, the survey, when it is performed, will be limited to those areas on the site that will be impacted by the proposed project.

**PHASE 1B ARCHAEOLOGICAL
FIELD RECONNAISSANCE SURVEY**

Phase 1B Introduction

On July 17 to July 21, 2008, CITY/SCAPE: Cultural Resource Consultants completed a field reconnaissance level archaeological survey of the Nussbaum property in the Village and Town of Chester, Orange County, New York. (Map 1 & 2)

Archaeological fieldwork was supervised by Stephanie Roberg-Lopez, M.A., R.P.A., Principal Investigator. Samantha Browne was the crew chief. Field technicians included Jeanette LeClair, Tom Wilson, Miguel Rodriguez, Stephanie Grunberg and Jessica Horn. The final report was completed by Beth Selig, Gail T. Guillet, and Stephanie Roberg-Lopez. Site photography was completed by Gail T. Guillet and Samantha Browne. The preparation of the Field Reconnaissance Map, shovel test records and final production of the report was completed by Beth Selig.

The Phase 1B field survey was performed in accordance with the requirements of the State Environmental Quality Review Act (SEQRA) 6NYCRR, part 617 of the New York State Environmental Conservation Law and to meet the standards of the New York Archaeological Council (1994), as well as relevant federal standards (36 CFR 61). The report was necessitated by the need for a New York State Department of Environmental Conservation permit.

Phase 1A Information

The proposed project description, environmental information, and archaeological sensitivity assessment are included in the Phase 1A report that is bound with this report.

Methodology

Results of the Phase 1A confirmed that the site is located in an area of prehistoric activity, and that the landscape closely conforms to an ecological model that indicates that the more level, undisturbed portions of the project area are highly sensitive for prehistoric cultural materials. In addition, local residents report that prehistoric material has been found on a neighboring farm. Prehistoric sites have been identified within the Town of Chester in areas containing similar topography, as well as in areas with similar environmental conditions as those on the Nussbaum property.

The Phase 1A also concluded that the Nussbaum property possessed a high probability to yield historic cultural remains, based on the report of avocational archaeologists and local residents, who reported Revolutionary War era findings on the high point within the project area boundaries. Mr. Ted Talmadge, a local resident, has proposed, based on field research that included the use of metal detectors, that there were two rows of tents aligned north to south along this high point within the western central portion of the project area. (Personal Communication, Clifton Patrick, August 1, 2008). Samantha Browne, the onsite crew chief, was shown a series of musket balls, a small cannon ball (slightly smaller than a standard tennis ball), pipe stems, buckles, metal weights, a shoe piece, and

unidentified buttons that were reported to have been recovered within the Nussbaum property. It would be possible to date the buttons, depending on their condition; however, these items remain as the property of Mr. Talmadge and were not made available for further analysis. As a result, additional research beyond the scope of the Phase 1A Literature Review, and close interval shovel testing was undertaken as part Phase 1B Field Reconnaissance Survey.

Areas selected for subsurface testing were identified during a comprehensive walkover of the property, which served to evaluate the site, assess loci of disturbance, rule out slope, assess available raw material and habitation resources, and determine former land usage.

The areas selected for shovel testing were subjected to tests at intervals of 50' (15.24 m) along transects conforming to the land surface. The location of the reported Revolutionary War encampment was subjected to additional shovel tests at a 25' (7.5 m) interval. A determination concerning the sensitivity of the various areas was based on environmental factors, topography, known activity patterns of prehistoric populations, and the purported location of the historic site. Areas in excess of 12% slope, except for the location of rock outcrops, were eliminated from testing, as were areas of prior disturbance. The locations of the tests and disturbed areas were recorded on a large-scale map that shows surveyed borders and the locations of the various structures identified on the site. (Figure 3: Field Reconnaissance Map)

Additional Research

As a result of a discussion with Clifton Patrick, the Town of Chester Historian, and reports by local residents of finding Revolutionary War artifacts on the Nussbaum property, CITY/SCAPE: Cultural Resource Consultants undertook additional research in an effort to determine the likelihood that a Revolutionary War camp existed within the project area. In addition to his comments concerning the camp, Clifton Patrick, Town Historian for Chester, reported that George Washington had stayed in the Village of Chester at the Yelvertown Inn during the month of July, 1782. Our research, which included examining records of the Library of Congress, indicates that during this time Washington was traveling with Major Walker, Colonel Lumbachs and Evans (no first name or rank indicated). The record indicates that during Washington's trip south from Newburgh, New York to meet Counte de Rochambeau, General of the French Army, money was expended to acquire provisions in the Town of Bethlehem, northeast of the Village of Goshen (Library of Congress, American Memory Digital Collection). There is, however, no indication of where the men stayed; it is, however, possible that information confirming his stay may be contained in the Yelvertown Inn registry.

The Continental Army had marched south in the fall of 1781 on its way to Yorktown, Virginia and the Battle of Yorktown. The route the army has been fully documented, and we know that the army crossed the Hudson River at Verplank's Point to Haverstraw, marching south through Rockland County into New Jersey (www.w3r-us.org). The French troops crossed the Hudson River at Verplank's Point at the same time, following the same route. South of the border of New Jersey, the allied forces marched south along the eastern portion of New Jersey (Selig 2007). The documentary evidence indicates that no part of the route taken by the Continental Army, which had about 2500 men, or the French troops, having approximately 4000, ran through the Orange County.

In addition to reviewing the literature housed at the Library of Congress, CITY/SCAPE: Cultural Resource Consultants reviewed the maps available at the New York Public Library that pertain to the Revolutionary War era. The 1776 Sauthier map entitled *A map of the Province of New-York, reduc'd from the large drawig of that Province*

etc., (Map 6) does not include the Village or Town of Chester. The 1779 Erskine map, *Map of Orange and Rockland counties area of New York Copied from surveys laid down by R. Erskine, F.R.S.*, (Map 7) does include Chester, but does not indicate any type of military fortifications or camps in the area. Another map, available at the Library of Congress is entitled *A map containing part of the Provinces of New York and New Jersey, drawn from surveys compiled by Thomas Millidge, major 1st Battalion, New Jersey Volunteers, 1780. This map is drawn for Oliver Delancey, Esquire, adjutant general of N: America & major of the 17th Light Dragoons, by Andrew Skinner, 1781.* (Map 8) This map shows a small cluster of structures within the Village of Chester, but does not indicate any militia, allied forces or divisions of the Continental Army being in the vicinity. Additionally, a map found on the W3R website (www.w3r-us-org), entitled *Rochambeau March* (also available at www.Rutgers.edu), indicates that the French and American troops remained south of Orange County during their march to and from the Battle of Yorktown, Virginia.

The map research, as described above, makes it appear unlikely that the materials collected by the residents of the Village of Chester are from a Revolutionary War encampment located on the Nussbaum property. The explanation for the reported recovery of such material from the Nussbaum property is not clear, but one hypothesis is that the Revolutionary artifacts were discarded or lost by members of the Continental army as they made their way home after the cessation of hostilities and the dissolution of the Continental army in the Spring of 1783. Another explanation may be that the artifacts do not date to the Revolutionary War era, but to some other period; an examination of the materials by an historical archaeologist might resolve this question, but to date no such examination has been completed.

Research completed by CITY/SCAPE: Cultural Resource Consultants indicates that there appears to be no documentary or cartographical evidence that the Revolutionary War army passed through or camped in the Village of Chester. A hypothesis concerning the reported recovery of Revolutionary War and Civil War artifacts on the Nussbaum property has been offered above, specifically that troops returned to the area after the dissolution of the Continental army discarded or lost the items, but, without supporting evidence, it is not possible to comment further

Field Methodology

Field Methodology employed at the Nussbaum property site consisted of several stages of investigation. These included:

1. A walkover and visual inspection of the site to assess areas of potential sensitivity for prehistoric and/or historic cultural remains.
2. The excavation of a control shovel test to establish the stratigraphy of the site and to identify the depth and composition of the sterile glacially deposited sub soils.
3. Systematic visual inspection of the land surface to rule out the presence of rock faces and overhangs.
4. Shovel testing in the areas identified as having a potential sensitivity for prehistoric and/or historic remains.
5. Photographic documentation of the overall site.

The methodology for shovel testing in the sensitive areas involved excavating 40 cm (16”) diameter shovel tests at 50’ (15.24 m) intervals. In the area identified by the Clifford Patrick, Town of Chester Historian, and Mr. Talmadge, adjacent landowner, as the site of the Revolutionary War encampment, shovel tests were placed in a 25’ (7.5m) grid. Soils were passed through a ¼ inch (6 mm) steel mesh screen, and the material remaining in the screens was carefully examined for historic and prehistoric artifacts. Items recovered from the screens were assigned to the stratum from which they were obtained. The stratigraphy of each test was recorded, including the depth and the soil description of each layer. (See Appendix D) All cultural materials recovered was bagged, labeled, and returned to the laboratory for processing.

Field Results

Once a testing strategy had been established and areas unsuitable for testing were eliminated from the survey, potentially sensitive areas were systematically shovel tested. The areas subjected to shovel testing represent the flat and well drained areas within the project area. As previously stated, all areas of slope exceeding 12% were eliminated from testing. The wet area located in the southern and eastern portions of the site was reported by local residents to be the result of road construction and the subsequent impounding of groundwater. For this reason, in the southern portions of the site the established 100’ (30 m) buffer was not observed. (Fig 3: Field Reconnaissance Map)

Testing commenced in the northwestern portion of the Area of Potential Effect (APE), considered in this case to be the entirety of the property. Transects 1 through 19, aligned northeast to southwest, began in the northwestern corner of the site and continued south to the steep slopes located in the central portion of the project area. (Photo 9-8) These slopes rise from the southern portion of the site at a grade greater than 12%. Transect 1 was located along the northern boundary of the project area. Transects progressed to the southeast, terminating along the eastern property boundary. Transects 1 through 19, with a total of 374 shovel tests, were located in this area. No cultural material of any kind was recovered from any of these shovel tests. (Appendix D: Shovel Tests Records) The soils encountered within this area consisted of a dark brown silt loam overlying a yellowish brown silty clay.

Along the northeastern project boundary, along Transect 2 between STP 21 and STP 22, a small surface dump was identified. (Photo 7) This dump consisted mainly of rusted milk cans and pails. This portion of the site is adjacent to a dairy farm. A surface collection of this dump (Dump #1) consisted of window glass, nails, bolt, unidentified metal fragments and bottle glass. (Appendix E Artifact Catalog) A broken bottle with an embossed label was also recovered. The label reads “Registered/ Lyon & Sons/Brewing Co./ Newark NJ./ This bottle/ Not to be resold.” Lyons & Sons Brewing Company operated from 1897 to 1920, when the company closed. As early as 1874, the company operated as D. M. Lyon and Son(s). In the years prior to prohibition, Lyon & Sons Brewing Company became part of the larger United States Brewing Company. As the economical impacts of Prohibition caused many brewers to close, the United States Brewing Company merely dissolved, with Gotfried Krueger owning the shares to the Lyon & Sons Brewery, among others (www.rustycans.com).

An additional dump was located along the eastern portion of TR 4, adjacent to STP 69. This dump (Dump # 2) also has rusty milk containers, but also contained brick and concrete rubble. It was thought that this area represented a non-extant barn foundation. (Photo 16) Upon further inspection by Principal Investigator Stephanie Roberg-Lopez, MA RPA, it was determined that this was a surface dump rather than a foundation. A surface collection of this dump yielded several fragments of green and clear bottle glass, nail fragments, and a white milk glass cold cream container. Two intact bottles were recovered: a large amber one 1 quart liquor bottle embossed “

Federal law Forbids Sale or Re-use of this Bottle” that was machine made with a threaded rim, and a clear case bottle labeled as a Gordon’s Gin bottle, the sides of which are embossed “New Jersey/Lindens”. The bottle is machine made and has a lipped rim. The single shovel test excavated in this dump area encountered rock at a depth of 6” (15 cm). No cultural material was recovered from this shove test (STP 920).

Testing then moved to the southeastern portion of the Nussbaum property. Transects 20 through 46 aligned north northeast to southwest tested the portions of the project area located east of the wetland. Areas of wet soil were encountered in the southern most corner of the project precluding testing in this area. (See Fig 3: Field Reconnaissance Map). (Photo 12) Transects 20 through 46, which contained 276 shovel tests, encountered no cultural material of any kind. The soils encountered in this area consisted of a dark brown silt loam overlying a dark yellowish brown silty clay. Transects 39 through 44 encountered wet soils. The wetness in this area is believed to be the result of impounded water due to recent development in the area (Personal communication, Ted Talmadge to Samantha Browne 7-22-08). The surface of this area is characterized by an uneven ground surface, tufts of grass, and reeds among wet areas. Transects 32 through 36 terminated at the municipal boundary between the Town and Village of Chester. This area, one of the three village parcels included within the project area, is characterized by wet muddy soils, gravel berms, and excavated trenches. Asphalt was visible at ground level. The overall level of disturbance in this area precluded any subsurface testing.

A third surface dump (Dump #3) was found between the first shovel tests on Transects 22 and 23. This dump yielded two large wire nails and a clear case bottle. This bottle, which has a threaded lip and a suction scar at the base, is unmarked.

Transects 47 through 50 tested a small area on the southwestern side of the wetland. Transects began at the municipal boundary, identified by an iron road and pipe, as well a guy anchor for a telephone pole. These transects were excavated to investigate the possibility of cultural material buried beneath the impounded water. These shovel tests encountered wet soils consisting of a dark gray silt clay loam overlying a gray silt clay. No cultural material of any kind was identified in this area. South of these transects in small Village of Chester parcel is a highly disturbed area of bulldozed piles an asphalt. (Photo 17-19)

The next area subject to testing is the western portion of the site. This area contained Transect 51 through 67, which began at a stone wall located on the northeast side of New York State Route 17M. There transects proceeded northeast terminating either at the wetland or at slopes greater than 12% grade. Transects 65 though 67 began adjacent to a small area of plowed field planted with corn. Due to the low height of the corn (< 6”/15 cm) this small plot was surface inspected rather than shovel tested. (Photo 14) Two fragments of clay drain pipe were recovered as the result of the surface inspections. A total of 108 shovel tests were excavated in this portion of the Nussbaum property.

Testing then moved north to test the level terraces that intersperse the slopes located within the western central portion of the project area. Four transects (TR 68-72) were aligned north to south along these level benches. Thirty-two (32) shovel tests excavated in this area failed to identify cultural material of any kind. The soils encountered in this area consisted of a dark brown silt loam overlying yellowish brown silty clay.

The next area to be tested was the northwestern portion of the central wetland. Transects were aligned northeast with Transect 73 located on a level terraces and Transect 78 adjacent to the boundary of the wetland.

Twenty three (23) shovel tests were excavated in this area and identified soils were consistent with those previously discussed. No cultural material of any kind was identified within this area.

Camp Location

The last area to be tested was the supposed location of the Revolutionary War encampment. (Photo 5, 19) Clifton Patrick, Town of Chester Historian, and Ted Talmadge, an adjacent landowner, identified the area where it is reported Revolutionary War artifacts had been recovered. This area was tested by CITY/SCAPE: Cultural Resource Consultants at a close interval in an attempt to document and identify an encampment and to locate additional cultural material. Seven transects (TR C1-C7) were excavated along the western side of the knoll in the center of the project area (Fig 4: Field Reconnaissance Map). Mr. Ted Talmadge described this location as being 60' (x m) from the corner of the western property line. The close interval grid covers this area extended to 75' on either side, of where the tents were believed to have been located. Transects were aligned south to north, and began along a west to east baseline. Transect C4 is located directly on the location identified by Mr. Talmadge as being the location of Revolutionary War tents. Transect C4 yielded a single plastic shot gun shell casing and a single fragment of coal slag, neither of which was collected. An additional fragment of coal slag was identified on Transect C7. No additional cultural material was recovered from this area.

Rock Shelters and Mines

The site was carefully inspected for any rock formations that might have served as a shelter or with the potential to yield lithic raw materials. No bedrock exposures or outcrops were encountered within the boundaries of the Nussbaum Property. No sources of lithic raw material were identified.

Summary and Conclusions

In July of 2008, CITY/SCAPE: Cultural Resource Consultants completed an archaeological field reconnaissance survey of the Nussbaum property located in the Town and Village of Chester, Orange County, New York. A thorough review of the existing body of archaeological data relevant to the project area was undertaken, and conclusions drawn concerning the probability of encountering prehistoric and/or historic cultural remains on the site. Disturbed areas, areas of wet soils, and areas of slopes greater than 12% were identified and eliminated from testing. Once this process was completed, areas possessing the potential to yield cultural remains were subjected to systematic subsurface archaeological testing and, in the area where corn had been planted, surface inspection.

A total of nine hundred and twenty (920) shovel tests were excavated on the Nussbaum property in areas considered to have potential to yield prehistoric or historic cultural material. Of the 920 shovel tests, none yielded prehistoric cultural material. Shovel tests placed at close intervals (25'/7.5 m) within the central portion of the site, identified by Clifton Patrick, Town of Chester Historian, and Ted Talmadge, an adjacent landowner, as the area of the Revolutionary War camp, yielded a single shot gun casing. Surface collections of three dump areas and the small corn field yielded material that dates exclusively to the 20th century. (Appendix E: Artifact Catalog)

In an effort to document the presence of a Revolutionary War camp on the Nussbaum property, CITY/SCAPE: Cultural Resource Consultants completed additional research as part of the Phase 1B survey. Based

on our documentary and cartographical research, supported by our findings in the field, it appears that reports of a Revolutionary War camp being located within the boundaries of the Nussbaum property are anecdotal, and that neither the Militia, Allied Forces, or the Continental Army camped within the boundaries of the site. One possible explanation for the finds, assuming that they date to the Revolutionary War period, is that they are the result of casual discard and/or loss by men returning from the war after the cessation of hostilities and the dissolution of the Continental army.

Based on the findings of the Phase 1B survey, it is the conclusion of CITY/SCAPE: Cultural Resource Consultants that no additional archeological investigation of the Nussbaum property is warranted, and that the project may proceed without further consideration of either prehistoric or historic archaeological resources.

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Maps and Atlases

Claude S. Sauthier

1776 *A map of the Province of New-York, reduc'd from the large drawig of that Province etc.*, Library of Congress, American Memory, Digital Collection (Map 6)

Robert Erskine

1779 *Map of Orange and Rockland counties area of New York Copied from surveys laid down by R. Erskine, F.R.S.*, Library of Congress, American Memory, Digital Collection (Map 7)

Andrew Skinner

1781 *A map containing part of the Provinces of New York and New Jersey, drawn from surveys compiled by Thomas Millidge, major 1st Battalion, New Jersey Volunteers, 1780. This map is drawn for Oliver Delancey, Esquire, adjutant general of N: America & major of the 17th Light Dragoons, by Andrew Skinner, 1781* Library of Congress, American Memory, Digital Collection (Map 8)

F. W. Beers

1875 *Map of the Town of Chester.* From *County Atlas of Orange*. Andreas Baskin & Burr: Chicago, IL (Map 3)

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USGS Topo 7.5 Minute Series. Warwick Lake Quad . Scale 1:50,000. (Map 1).
1908 USGS Topo. 15 Minute Series. Goshen Quad.. Scale: 1:62,500. (Map 5)

APPENDICES

LIST OF APPENDICES

- Appendix A: Map & Figures
- Appendix B: Photographs
- Appendix C: Soils Description and Map (Fig 2)
- Appendix D: Shovel Test Records
- Appendix E: Artifact Catalog.

APPENDIX A

MAPS & FIGURES

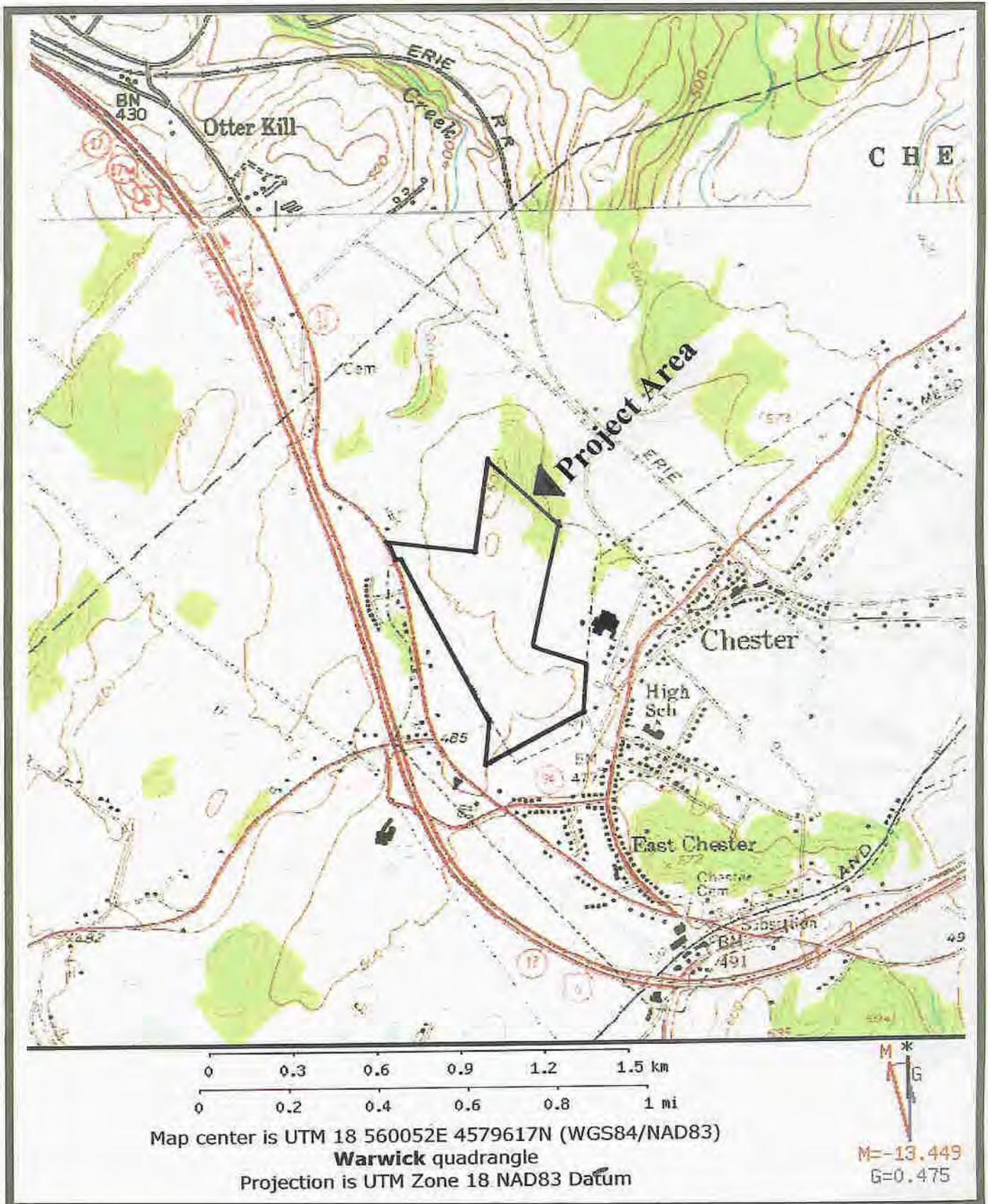
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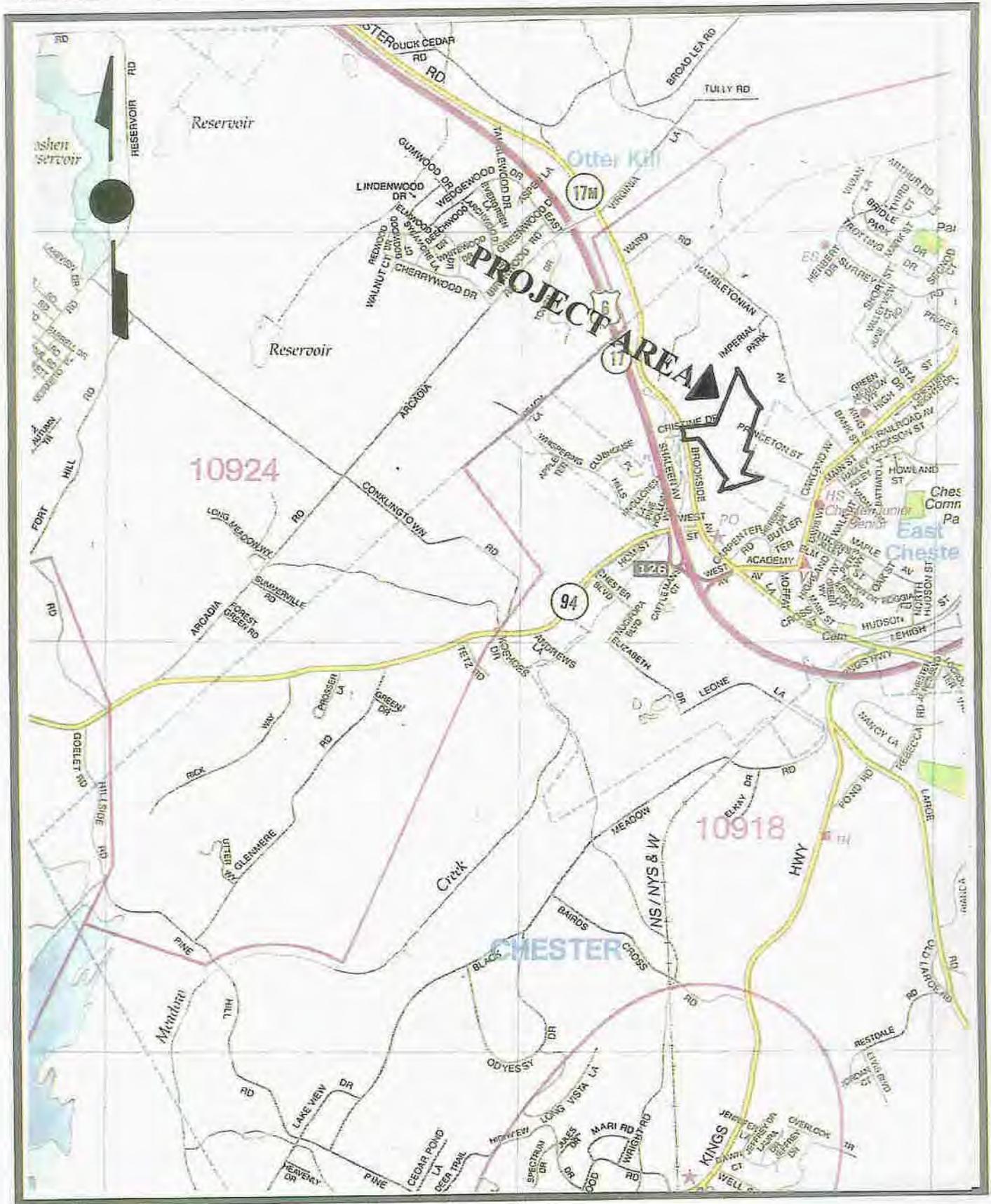
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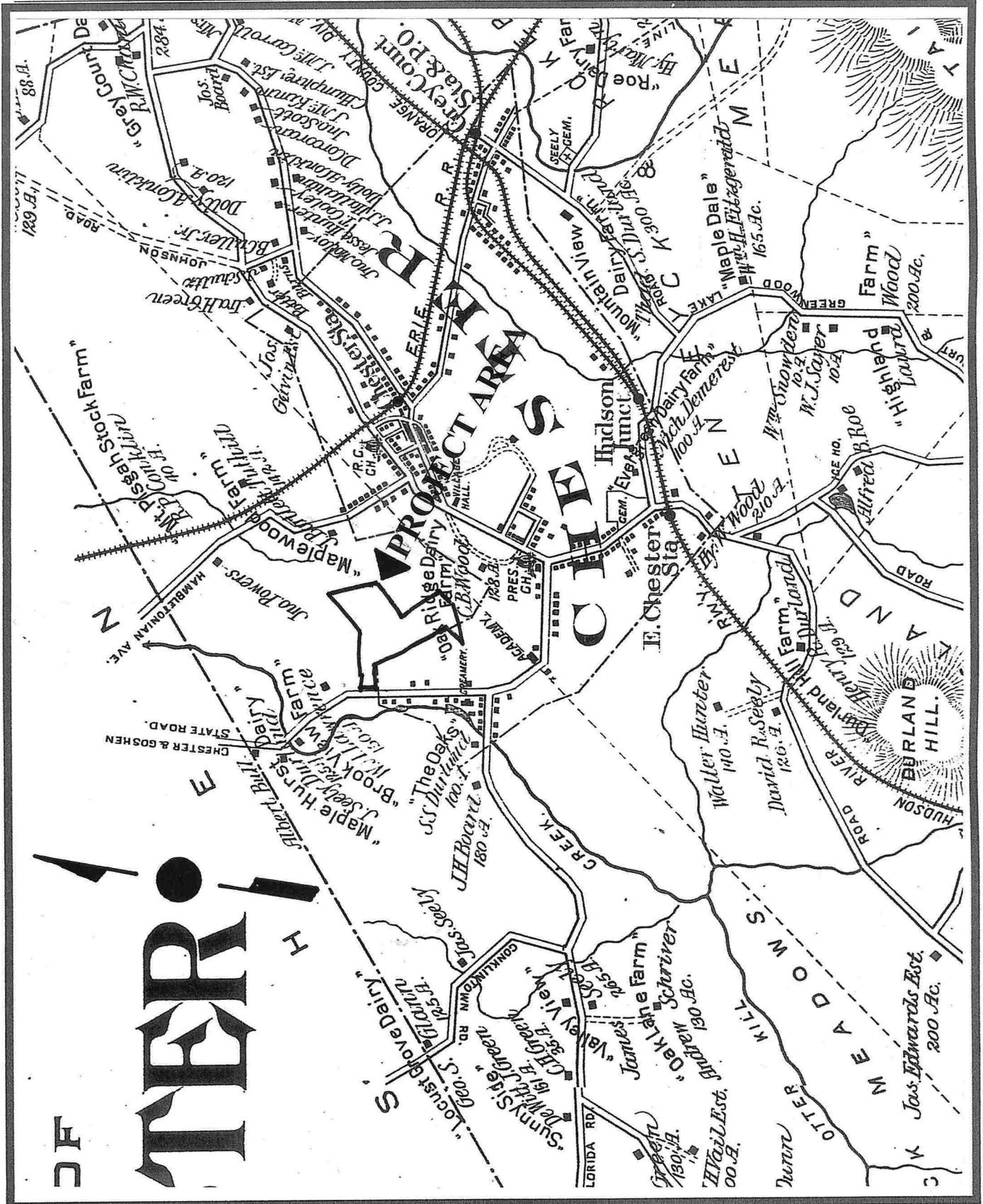
- Map 1: Location Map including the Project Area. USGS Topographical Map. 7.5 Minute Series. Warwick Lake Quadrangle. Scale: 1:50,000. $\frac{3}{4}$ " = 1 mile.
- Map 2: Location map including the project area. (taken from Hagstrom's *Rockland/Orange/Ulster Counties Atlas 2000*) Plate 16. Scale: 1"=2,500'.
- Map 3: F. W. Beers' 1875 Map of the *Town of Chester* from *County Atlas of Orange, New York*. Original Scale: 1 $\frac{1}{2}$ " = 1 mile.
- Map 4: J. M. Lathrop's 1903 *Atlas of Orange County, New York*. Original Scale: 180 Rods = 1 inch.
- Map 5: 1908 USGS Topographical Map. 15 Minute Series. Goshen Quadrangle. Scale 1 : 62,500. Enlarged 50%.
- Map 6: Claude S. Sauthier 1776 *A map of the Province of New-York, reduc'd from the large drawing of that Province etc.*, Library of Congress, American Memory, Digital Collection. Scale: Unknown.
- Map 7: Robert Erskine 1779 *Map of Orange and Rockland counties area of New York Copied from surveys laid down by R. Erskine, F.R.S.*, Library of Congress, American Memory, Digital Collection. Scale: Unknown.
- Map 8: Andrew Skinner. 1781 *A map containing part of the Provinces of New York and New Jersey, drawn from surveys compiled by Thomas Millidge, major 1st Battalion, New Jersey Volunteers, 1780*. Library of Congress, American Memory, Digital Collection. Scale: Unknown.

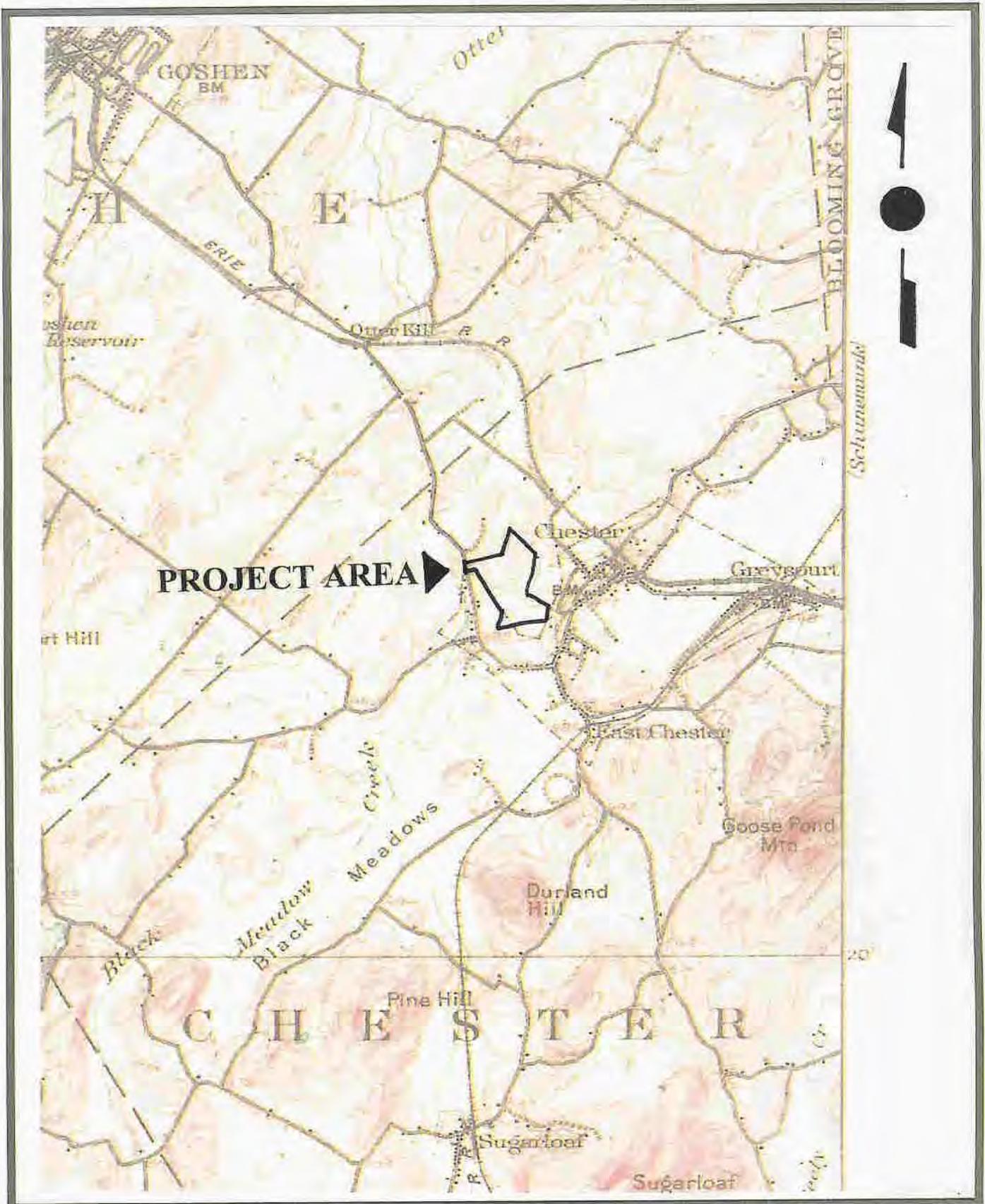
Figures

- Fig. 1: Tax Map and Deed Reference. (Source: AFR 2006) No scale.
- Fig. 2: Soil Map including the Nussbaum property.. (Source: *AFR 2002*)
- Fig. 3: Phase 1B Archaeological Field Reconnaissance Map for Nussbaum Property. Scale 1" = 150'. (in sleeve)
- Fig 4: Field Reconnaissance Map. Reported Location of Camp. Scale 1" = 40'.



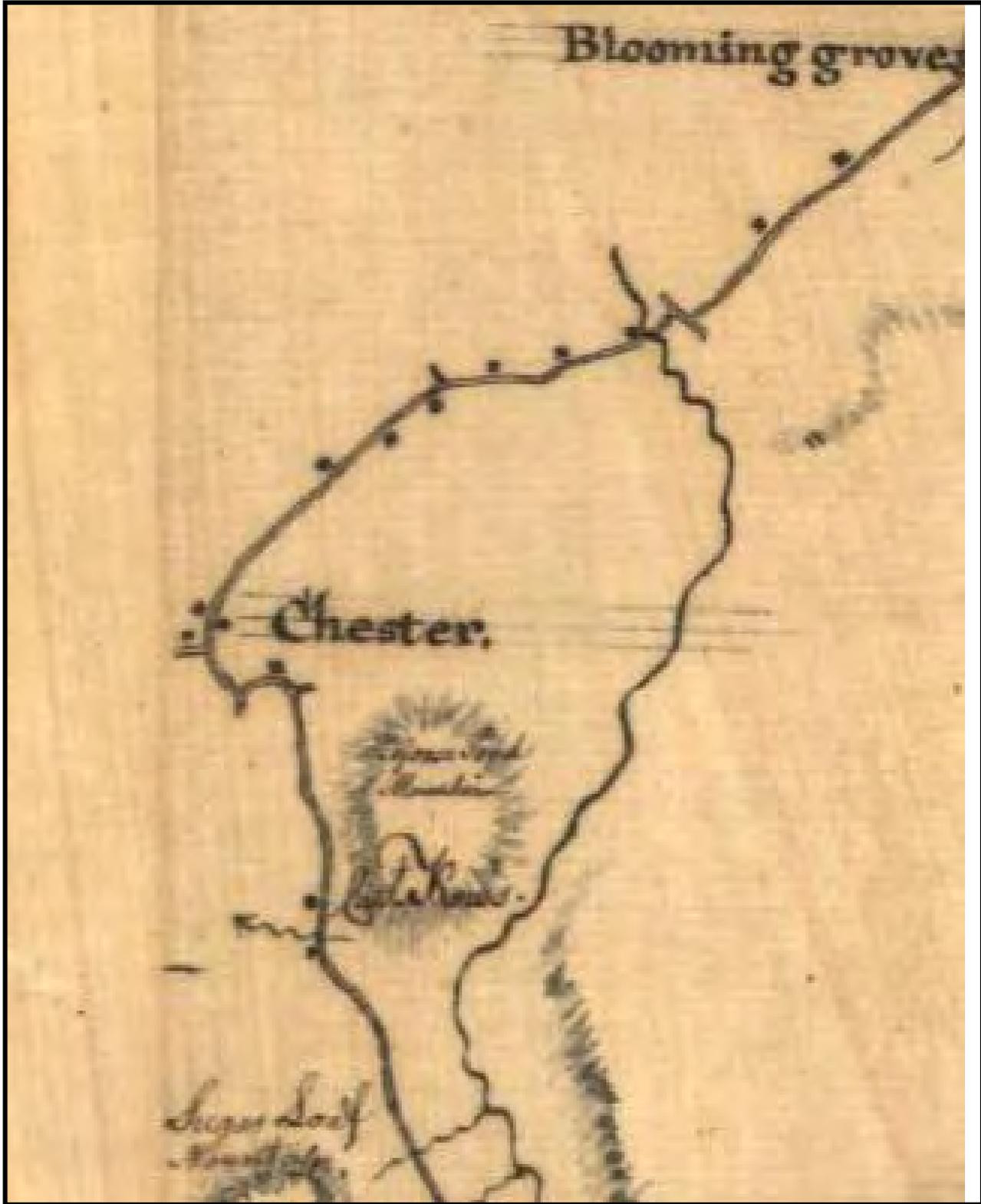






Appendix A: Maps & Figures

Map 7: 1779 R. Erskine: *Map of Orange and Rockland counties area of New York Copied from surveys by R. Erskine, Nussbaum Property Route 17M (Chester Road). Town and Village of Chester. Orange County, New York*

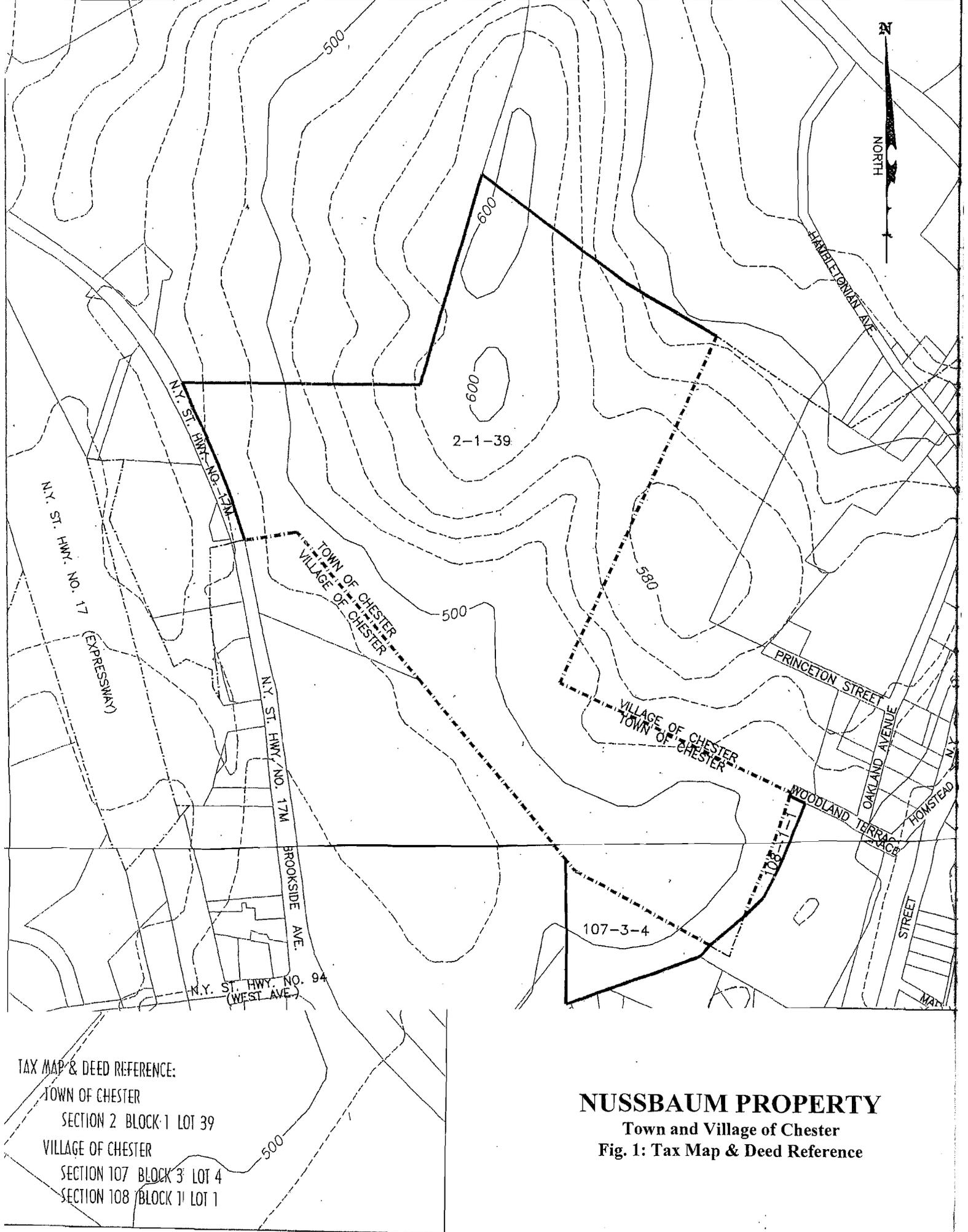


Appendix A: Maps & Figures

Map 8: 1781 A. Skinner: *A map containing part of the Provinces of New York and New Jersey, drawn from surveys compiled by Thomas Millidge, major 1st Battalion, New Jersey Volunteers, 1780.*

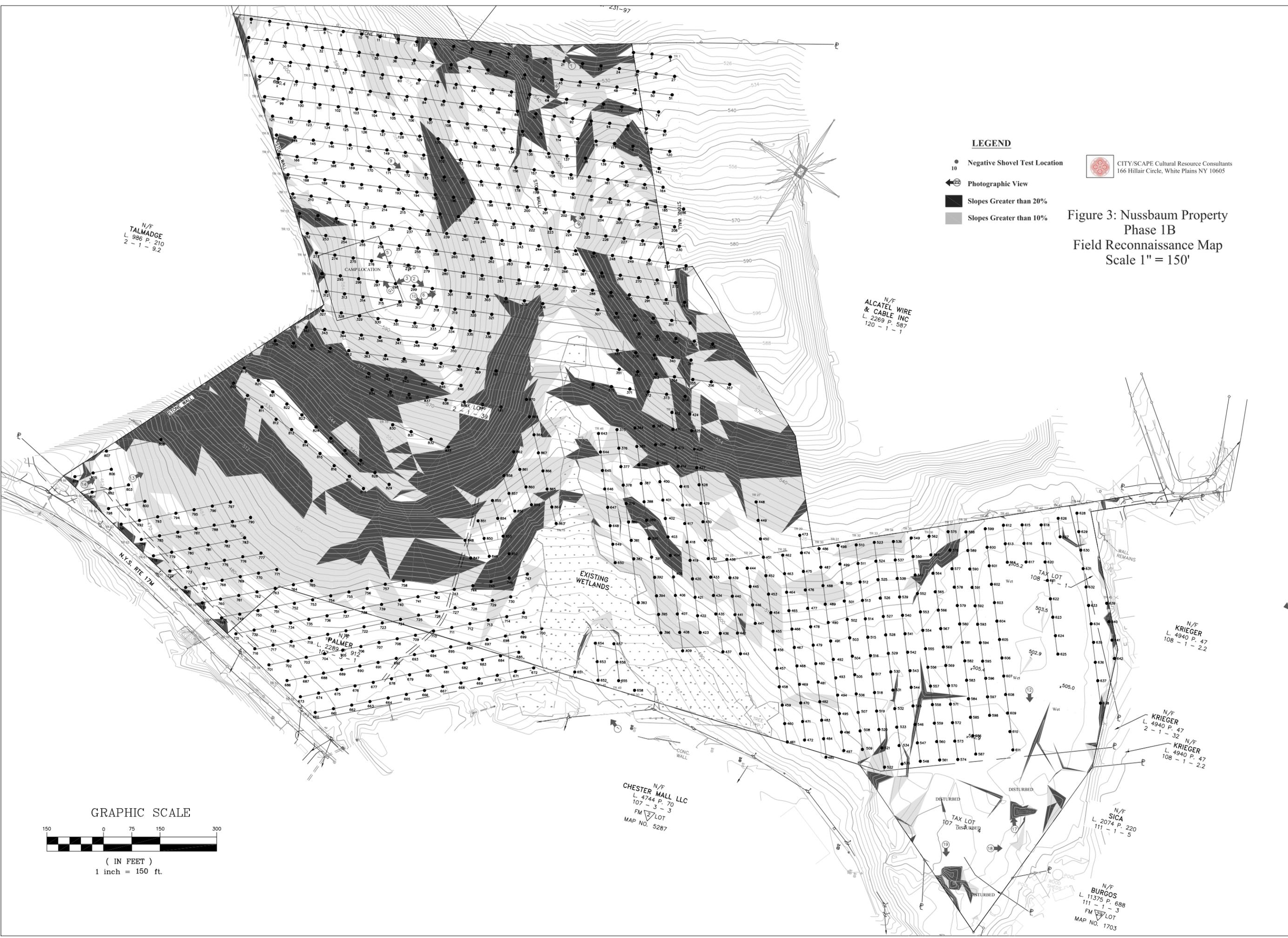
Nussbaum Property Route 17M (Chester Road). Town and Village of Chester. Orange County, New York





TAX MAP & DEED REFERENCE:
 TOWN OF CHESTER
 SECTION 2 BLOCK 1 LOT 39
 VILLAGE OF CHESTER
 SECTION 107 BLOCK 3 LOT 4
 SECTION 108 BLOCK 1 LOT 1

NUSSBAUM PROPERTY
 Town and Village of Chester
 Fig. 1: Tax Map & Deed Reference



LEGEND

- 10 Negative Shovel Test Location
- ⊙ 22 Photographic View
- Slopes Greater than 20%
- Slopes Greater than 10%

CITY/SCAPE Cultural Resource Consultants
166 Hillair Circle, White Plains NY 10605

Figure 3: Nussbaum Property
Phase 1B
Field Reconnaissance Map
Scale 1" = 150'

N/F
TALMADGE
L. 986 P. 210
2-1-9.2

N/F
ALCATEL WIRE
& CABLE INC
L. 2269 P. 587
120-1-1

N/F
KRIEGER
L. 4940 P. 47
108-1-2.2

N/F
KRIEGER
L. 4940 P. 47
2-1-32

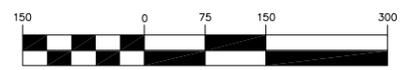
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N/F
SICA
L. 2074 P. 220
111-1-5

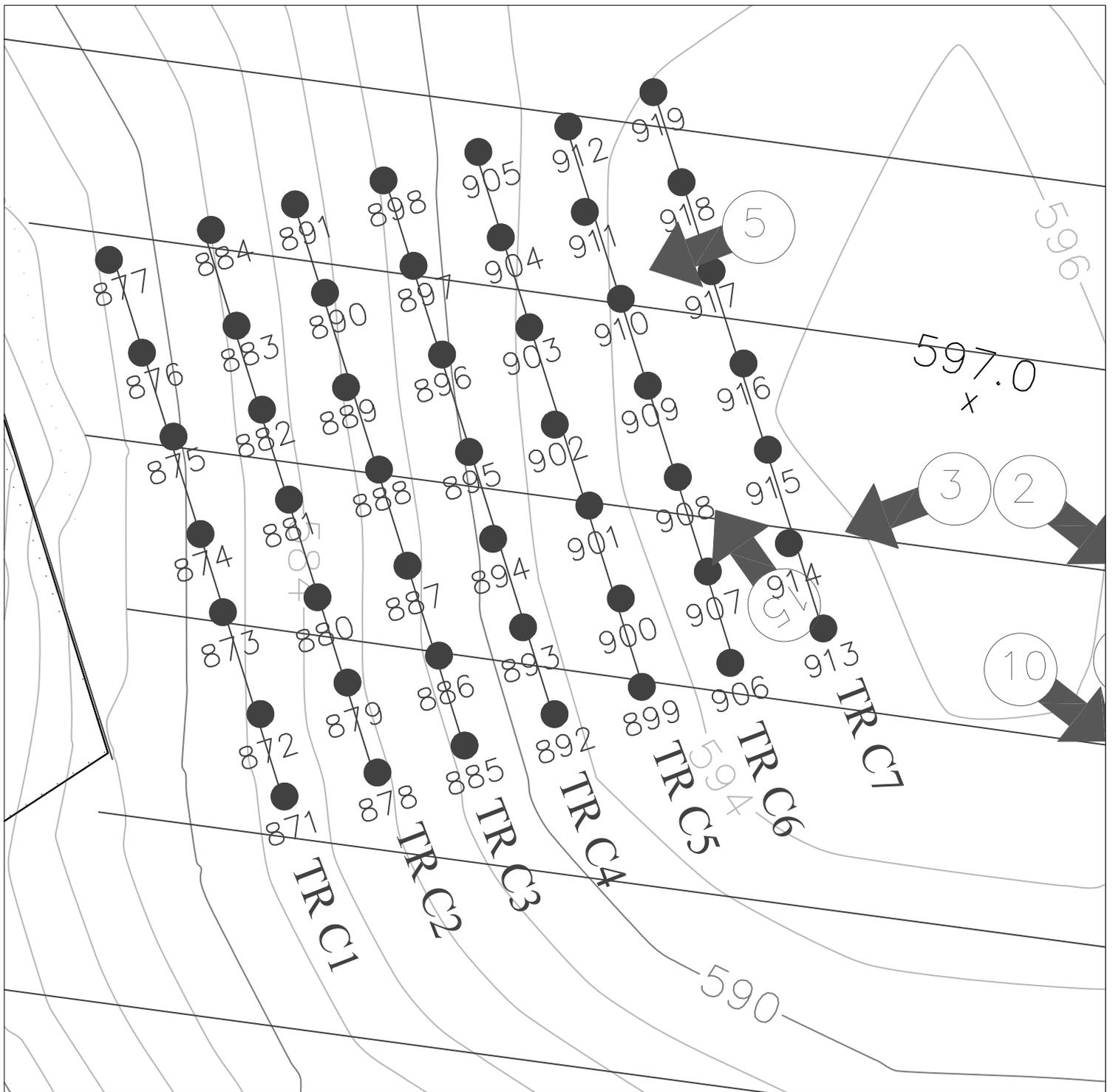
N/F
BURGOS
L. 11375 P. 688
111-1-3
FM 29 LOT
MAP NO. 1703

N/F
CHESTER MALL LLC
L. 4744 P. 70
107-3-3
FM 27 LOT
MAP NO. 5287

GRAPHIC SCALE



(IN FEET)
1 inch = 150 ft.

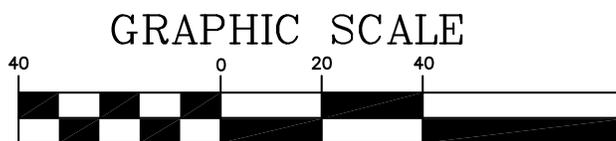


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LEGEND

- Negative Shovel Test Location
- ➔ Photographic View

**Figure 4: Nussbaum
 Reported Camp Location
 Phase 1B
 Field Reconnaissance Map
 Scale 1" = 40'**



(IN FEET)
 1 inch = 40 ft.

APPENDIX B

PHOTOGRAPHS



Photo 1: Looking north into project area from Chester Mall parking lot.



Photo 2: Looking southeast from near highest point on project area toward Chester Mall.



Photo 3: View southwest from highest point on project area across Brookview Farm to Route 17 (in middle ground).



Photo 4: House on Talmadge Farm (known as Brookview Farm), adjacent to project area, dates to early 19th century.



Photo 5: CITY/SCAPE archaeologist, Kris Mierisch, examining area where Revolutionary War encampment is reportedly located. View to southwest.



Photo 6: View from high point on project area looking southeast.



Photo 7: Rusted milk containers located within the area of TR 2, identified as Dump # 1. View north.



Photo 8: Shovel test 202 on TR 10. View north.



Photo 9: Field technician excavating Shovel test 172 on TR 9. View south.



Photo 10: Crest of hill overlooking Chester Mall between TR 15-16. View south.



Photo 11: Access road in central portion of Nussbaum property adjacent to wetland. View southwest.



Photo 12: Wet area located at southern extent of TR 37 along Village of Chester municipal boundary. View south.



Photo 13: Base of steep slopes as start of TR 58. View east.



Photo 14: Western corner of Nussbaum property surface inspected. View northeast.



Photo 15: Shovel tests within believed camp location excavated at 25' (7.5 m) interval. View north.



Photo 16: Shovel test 920 excavated within Dump # 2. View south.



Photo 17: Area of extreme disturbance located in southern most corner of Nussbaum property. View north east.



Photo 18: Disturbed area is characterized by exposed asphalt within the mixed soils. View east.



Photo 19: Large piles of asphalt and concrete were also identified in the area adjacent to property line. View south.

APPENDIX C

**SOIL DESCRIPTIONS AND MAP
(FIGURE 2)**

Name	Soil Horizon Depth	Color	Texture/ Inclusions	Slope (Percent)	Drainage	Landform
Bath-Nassau shaly silt loams, 3 to 8% slopes (BnB)	Bath: A: 0-9" (0-22.86 cm) B: 9-17" (22.86-43.18 cm) C: 17-20" (43.18-50.8 cm) 20-44" (50.8-111.76 cm) D: 44-53" (111.75-134.6 cm) Nassau: A: 0-10" (0-25.4 cm) B: 10-19" (25.4-134.62 cm)	DkBrn YBrn Mottled OlBrn OlBrn DkGry DkGryBrn YBrn	Shaly SiLo Shaly SiLo Shaly SiLo Shaly SiLo Bedrock Shaly SiLo Shaly SiLo	3-8%	Well drained & excessively drained	Glacial till deposits
Otisville and Hoosic soils, steep (OVE)	Otisville: A: 0-4" (0-10.16 cm) B: 4-16" (10.16-40.64 cm) 16-20" (40.64-50.8 cm) C: 20-60" (50.8-152.4 cm) Hoosic: A: 0-4" (0-10.16 cm) B: 4-18" (10.16-45.72 cm) C: 18-60" (45.72-152.4 cm)	DkGryBrn YBrn YBrn GryBrn DkGryBrn YBrn Lt. OlBrn	Gravelly SaLo Gravelly SaLo Vy gravelly Sa Vy Gravelly Sa Gravelly SaLo Gravelly SaLo Vy gravelly SaLo Vy gravelly Sa	25-45% (dominantly 25-35%)	Excessively drained & somewhat excessively drained	Glacial outwash deposits
Mardin gravelly silt loam, 3 to 8 percent slope (MdB)	A: 0-6" (0-15.24 cm) B: 6-11" (15.24-27.94cm) C: 11-15" (27.94-38.1 cm) D: 15-60" (38.1-152.4 cm)	Dk Brn YBrn Pale Brn, mottled Olive Brn	Gravelly SiLo Gravelly SiLo Gravelly SiLo Channery SiLo frangipan	3-8%	Moderately well drained	Glacial till deposits
Mardin gravelly silt loam, 8 to 15 percent slope (MdC)	A: 0-8" (0-20.32 cm) B: 8-15" (20.32-38.1 cm) C: 15-20" (38.1-50.8 cm) D: 20-60" (50.8-152.4 cm)	Dk Brn YBrn Pale Brn, mottled Olive Brn	Gravelly SiLo Gravelly SiLo gravelly SiLo (frangipan)	8-15%	Moderately well drained	Glacial till deposits

Appendix C: Soil Description (USDA 1994)

Nussbaum Property, Route 17M (Chester Road) Town and Village of Chester, Orange County, New York

Name	Soil Horizon Depth	Color	Texture/ Inclusions	Slope (Percent)	Drainage	Landform
Mardin gravelly silt loam, 15 to 25 percent slope (MdD)	A: 0-6" (0-15.24 cm) B: 6-12" (15.24-30.48cm) C: 12-16" (30.48-40.64 cm) D: 16-60" (40.64-152.4 cm)	Dk Brn YBrn Pale Brn, mottled Olive Brn	Gravelly SiLo Gravelly SiLo Gravelly SiLo Channery SiLo (fragipan)	15-25%	Moderately well drained	Glacial till deposits
Erie gravelly silt loam, 3 to 8 percent slopes (ErB)	A: 0-9" (0-22.86 cm) B: 9-18" (22.86-45.72 cm) C: 18-45" (45.72-114.3 cm) D: 45-70" (114.3-137.16 cm)	DkBrn GryBrn, mottled OIBrn, mottled OIBrn, mottled	Gravelly SiLo Channery SiLo Channery SiLo Channery SiLo	3-8%	Poorly drained	Glacial till deposits
Alden silt loam (Ab)	A: 0-9" (0-22.86 cm) B: 9-19" (22.86-48.26 cm) C: 19-28" (48.26-71.12cm) 28-36" (71.12-91.44 cm) D: 36-60" (91.44-152.24 cm)	VyDkBrn Mottled DkGry Mottled GrnGry Mottled OIBrn	SiLo Heavy SiLo SiLo SaLo	0-3%	Very poorly drained	Glacial till deposits

APPENDIX D

SHOVEL TEST RECORDS

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
1	1	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-14	23-35	10YR5/6	Y Brn Si Cl	NCM
	2	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-14	23-35	10YR5/6	Y Brn Si Cl	NCM
	3	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-12	25-30	10YR5/6	Y Brn Si Cl	NCM
2	4	1	0-12	0-30	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	5	1	0-6	0-15	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	6	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/6	Y Brn Si Cl	NCM
	7	1	0-7	0-18	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	8	1	0-10	0-25	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	9	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
		1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-13	20-33	10YR5/6	Y Brn Si Cl	NCM
		1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-11	25-28	10YR5/6	Y Brn Si Cl	NCM
		1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-15	25-38	10YR5/6	Y Brn Si Cl	NCM	
	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM	
	1	0-12	0-30	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM	
	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-10	18-25	10YR5/6	Y Brn Si Cl	NCM	
	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
	1	0-4	0-10	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM	
	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-10	18-25	10YR5/6	Y Brn Si Cl	NCM	
	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-10	20-25	10YR5/6	Y Brn Si Cl	NCM	
	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
2	24	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-9	18-23	10YR5/6	Y Brn Si Cl	NCM
	25	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-10	23-25	10YR5/6	Y Brn Si Cl	NCM
	26	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-10	20-25	10YR5/6	Y Brn Si Cl	NCM
	27	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	0-28	10YR5/6	Y Brn Si Cl	NCM
	28	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
3	29	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	30	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	31	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	32	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	33	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	34	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	30-33	10YR5/6	Y Brn Si Cl	NCM
	35	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	36	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	37	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	38	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	39	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	40	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	41	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	42	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	43	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
3	44	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	45	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	46	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	47	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	48	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	49	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
4	50	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	51	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	52	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	53	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	54	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
5	55	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	56	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	57	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	58	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	59	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
6	60	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	2.	10YR5/6	Y Brn Si Cl	NCM
	61	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	62	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	63	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
4	64	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	65	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	66	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	67	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	68	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	69	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	70	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
71	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
72	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
73	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
74	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
75	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
76	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
77	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
78	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM	
79	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
80	1	0-16	0-40	10YR3/4	Dk Brn Si Lo	NCM	
	2	16-20	40-50	10YR5/6	Y Brn Si Cl	NCM	
81	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM	
	2	15-19	38-48	10YR5/6	Y Brn Si Cl	NCM	
82	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
83	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
84	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
5	85	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	86	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	87	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	88	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-38	10YR5/6	Y Brn Si Cl	NCM
	89	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-38	10YR5/6	Y Brn Si Cl	NCM
90	1	0	0		Not excavated; Slope > 15%		
91	1	0-5	0-8	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
92	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
93	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
94	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
95	1	0-22	0-55	10YR3/4	Dk Brn Si Lo	NCM	
	2	22-26	55-65	10YR5/6	Y Brn Si Cl	NCM	
96	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
97	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-13	30-33	10YR5/6	Y Brn Si Cl	NCM	
98	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
99	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
100	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
101	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM	
102	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
103	1	0-16	0-40	10YR3/4	Dk Brn Si Lo	NCM	
	2	16-20	40-50	10YR5/6	Y Brn Si Cl	NCM	
104	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM	
	2	15-19	38-48	10YR5/6	Y Brn Si Cl	NCM	
105	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
106	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
107	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
6	108	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
		1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	109	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	110	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	111	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-38	10YR5/6	Y Brn Si Cl	NCM
	112	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-38	10YR5/6	Y Brn Si Cl	NCM
	113	1	0	0		Not excavated; Slope > 15%	
	114	1	0-5	0-8	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	115	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
116	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
117	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
118	1	0-22	0-55	10YR3/4	Dk Brn Si Lo	NCM	
	2	22-26	55-65	10YR5/6	Y Brn Si Cl	NCM	
119	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
120	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-13	30-33	10YR5/6	Y Brn Si Cl	NCM	
121	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
122	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-17	30-48	10YR5/6	Y Brn Si Cl	NCM	
123	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
124	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
125	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM	
126	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
127	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
128	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
7	129	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	130	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	131	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM
	132	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	133	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	134	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	135	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	136	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
137	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
138	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
139	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
140	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
141	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
142	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
143	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
144	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
145	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
146	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
147	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
148	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
149	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
8	150	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	151	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	152	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	153	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	154	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	155	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	156	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	157	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
158	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
159	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
160	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
161	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
162	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
163	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
164	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
165	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM	
166	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-9	18-23	10YR5/2	G Brn Si Cl	NCM	
167	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10		10YR5/2	G Brn Si Cl	NCM	
168	1	0-4	0-10	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
169	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-8	15-20	10YR5/2	G Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
9	170	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	171	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	172	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/2	G Brn Si Cl	NCM
	173	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM
	174	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-10	23-25	10YR5/2	G Brn Si Cl	NCM
	175	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	176	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	177	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/2	G Brn Si Cl	NCM
	178	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM
		2	5-9	13-23	10YR5/2	G Brn Si Cl	NCM
	179	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-11	23-28	10YR5/2	G Brn Si Cl	NCM
180	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-9	18-23	10YR5/2	G Brn Si Cl	NCM	
181	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
182	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-13	30-33	10YR5/2	G Brn Si Cl	NCM	
183	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
184	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-10	20-25	10YR5/2	G Brn Si Cl	NCM	
185	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/2	G Brn Si Cl	NCM	
186	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-10	23-25	10YR5/2	G Brn Si Cl	NCM	
10	187	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	188	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	189	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	190	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
10	191	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	192	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	193	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	194	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	195	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	196	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	197	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	198	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	199	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	200	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
201	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
202	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM	
203	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
204	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
205	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
206	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
207	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
208	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
11	209	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	210	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM
	211	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-8	18-20	10YR5/2	G Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
11	212	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/2	G Brn Si Cl	NCM
	213	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-10	18-25	10YR5/2	G Brn Si Cl	NCM
	214	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM
	215	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/2	G Brn Si Cl	NCM
	216	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-9	18-23	10YR5/2	G Brn Si Cl	NCM
	217	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/2	G Brn Si Cl	NCM
	218	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM
	219	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	220	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-13	25-33	10YR5/2	G Brn Si Cl	NCM
	221	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	222	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-11	23-28	10YR5/2	G Brn Si Cl	NCM
223	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
224	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-15	30-38	10YR5/2	G Brn Si Cl	NCM	
225	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
226	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
227	1	0-11	0-28	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
228	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM	
229	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-14	28-35	10YR5/2	G Brn Si Cl	NCM	
230	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-13	25-33	10YR5/2	G Brn Si Cl	NCM	
231	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
232	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
12	233	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	234	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	235	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	236	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	237	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	238	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	239	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	240	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	241	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	242	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	243	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	244	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
245	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
246	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
247	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
248	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
249	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM	
250	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
251	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
252	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
253	1	0-6	0-15	10YR5/2	G Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
13	254	1	0-11	0-28	10YR5/2	G Brn Si Cl	NCM
		2	11-15	28-35	10YR3/4	Dk Brn Si Lo	NCM
	255	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	256	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	257	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	258	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	259	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	260	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	261	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	262	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	263	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-17	30-48	10YR5/2	G Brn Si Cl	NCM
	264	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
265	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
266	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-14	28-35	10YR5/2	G Brn Si Cl	NCM	
267	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
268	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
269	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
270	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
271	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
272	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
14	273	1	0-8	0-20	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	274	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
14	275	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	276	1	0-11	0-28	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	277	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	278	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-13	25-33	10YR5/6	Y Brn Si Cl	NCM
	279	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	280	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	281	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	282	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-9	20-23	10YR5/6	Y Brn Si Cl	NCM
	283	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
284	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
285	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
286	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
287	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-11	25-28	10YR5/6	Y Brn Si Cl	NCM	
288	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
289	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
290	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
291	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM	
292	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
293	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
294	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
295	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
296	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
297	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
298	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
299	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
15	300	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	301	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	302	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	303	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	304	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	305	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
306	1	0-4	0-10	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
307	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
308	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-9	20-23	10YR5/6	Y Brn Si Cl	NCM	
309	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
310	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
311	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
16	312	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
313	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
314	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
315	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
316	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
317	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
318	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
319	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
320	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
16	321	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	322	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	323	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	324	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	325	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
17	326	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	327	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	328	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	329	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	330	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	331	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
332	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
333	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
334	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
335	1	0			Not excavated; Slope > 15%		
336	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
337	1	0-1			Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
338	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
339	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
340	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
341	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	15-25	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
18	342	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	343	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-12	25-30	10YR5/6	Y Brn Si Cl	NCM
	344	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	345	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM
		2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM
	346	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	347	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	348	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	349	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
350	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
351	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
352	1	0			Not excavated; Slope > 15%		
353	1				Not excavated; Slope > 15%		
354	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
355	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM	
356	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
357	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
19	358	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	359	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	360	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	361	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	362	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	363	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
19	364	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	365	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	366	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	367	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	368	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/6	Y Brn Si Cl	NCM
	369	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM
		2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM
	370	1	0			Not excavated; Slope > 15%	
	371	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
372	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
373	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM	
374	1	0-11	0-28	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
375	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
376			35-45	10YR5/6	vegetation	NCM	
377	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
378	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
379	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
380	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
381	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
382	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
383	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
384	1	0	0		Not excavated; Slope > 15%		
385	1	0	0		Not excavated; Slope > 15%		
386	1	0-25	0-60	10YR3/4	Dk Brn Si Lo, terminated at root	NCM	
387	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
20							
21							

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
21	388	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	389	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	390	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-16	38-40	10YR5/6	Y Brn Si Cl	NCM
	391	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	392	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	393	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM
22	394	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-13	25-33	10YR5/6	Y Brn Si Cl	NCM
	395	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-16	33-40	10YR5/6	Y Brn Si Cl	NCM
	396	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	397	1	0			Not excavated; Slope > 15%	
	398	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	399	1		30-40		Not excavated; Slope > 15%	
23	400	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	401	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	402	1	0-10	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	403	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	404	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	405	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
24	406	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-16	33-40	10YR5/6	Y Brn Si Cl	NCM
	407	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	408	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM
	409	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at root	NCM
	410	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
23	411	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	412	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	413	1		20-30		Not excavated; Slope > 15%	
	414	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	415	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	416	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	417	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	418	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	419	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	420	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
421	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
422	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
423	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
424	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
425	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
426	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
427	1	0-6	0-15	10YR4/2	Dk G Brn Si Lo, terminated at root	NCM	
428	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
429	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
430	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
431	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
432	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
24	433	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	434	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	435	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	436	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	437	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
25	438	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM
	439	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	440	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	441	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	442	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM
26	443	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM
	444	1	0-8	0-20	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	445	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	446	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	447	1	0-6	0-15	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	448	1	0-12	0-30	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	449	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
27	450	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	451	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	452	1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at groundwater	NCM
	453	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	454	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Dk Y Brn Si Cl	NCM
	455	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
27	456	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	457	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	458	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	459	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	460	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	461	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-13	20-33	10YR5/6	Y Brn Si Cl	NCM
462	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-13	20-33	10YR5/6	Y Brn Si Cl	NCM	
463	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
464	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM	
	2	5-10	13-25	10YR5/6	Y Brn Si Cl	NCM	
465	1	0-12	0-30	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
466	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM	
	2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM	
467	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM	
468	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM	
469	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
470	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
471	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
472	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
473	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM	
	2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM	
474	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-10	20-25	10YR5/6	Y Brn Si Cl	NCM	
475	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
476	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
29	477	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	478	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	479	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	480	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	481	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
482	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
483	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
484	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
485	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	28-38	10YR5/6	Y Brn Si Cl	NCM	
486	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	30-40	10YR5/6	Y Brn Si Cl	NCM	
487	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
488	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
489	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
490	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
491	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
492	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
493	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	0-28	10YR5/6	Y Brn Si Cl	NCM	
494	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
485	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
496	1	0-4	0-10	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
497	1	0-3	0-8	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
498	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
499	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
500	1	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
	2	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
501	1	0-5	0-13	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
31	502	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	503	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	504	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	505	1	0-2	0-5	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	506	1	0-7	0-18	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	507	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
32	508	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	509	1	0-4	0-10	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	510	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	511	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-7	15-18	10YR5/6	Y Brn Si Cl	NCM
	512	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	513	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
514	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
515	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
516	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
517	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
518	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
519	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
520	1	0-13	0-33	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
521	1	0-5	0-13	10YR5/6	Dk Y Brn Si Cl	NCM	
	1	6-10	28-38	10YR5/6	Dk Y Brn Si Cl	NCM	
522	2	0-6	0-15	10YR4/2	Dk G Brn Si Lo	NCM	
523	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM	
524	1	0-15	0-38	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
33	525	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-16	35-40	10YR5/2	G Brn Si Cl	NCM
	526	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	527	1	0-10	0-25	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	528	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-10	23-25	10YR5/2	G Brn Si Cl	NCM
	529	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	15-25	10YR5/2	G Brn Si Cl	NCM
	530	1	0-8	0-20	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	531	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	532	1	0-1		10YR3/4	Dk Brn Si Lo	NCM
	2	1-4	2.5-10	10YR5/2	G Brn Si Cl	NCM	
533	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM	
534	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM	
535	1	0-4	0-10	10YR3/4	Dk Brn Si Lo	NCM	
	2	4-8	10-20	10YR5/2	G Brn Si Cl	NCM	
34	536	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-15	33-38	10YR5/6	Y Brn Si Cl	NCM
	537	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-16	35-40	10YR5/6	Y Brn Si Cl	NCM
	538	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM
	539	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM
	540	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM
	541	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM
	542	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM	
543	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
544	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM	
545	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
34	546	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	547	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-9	15-23	10YR5/6	Y Brn Si Cl	NCM
	548	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-9	18-23	10YR5/6	Y Brn Si Cl	NCM
	549	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	550	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	0-30	10YR5/6	Y Brn Si Cl	NCM
35	551	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	0-33	10YR5/6	Y Brn Si Cl	NCM
	552	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM
		2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM
	553	1	0-5	0-13	10YR3/4	Dk Brn Si Lo	NCM
		2	5-9	13-23	10YR5/6	Y Brn Si Cl	NCM
	554	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	555	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
36	556	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	557	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	558	1	0-2	0-5	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	559	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	560	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	561	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
36	562	1	0-4	0-10	10YR3/4	Dk Brn Si Lo	NCM
		2	4-8	10-20	10YR5/6	Y Brn Si Cl	NCM
	563	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	564	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	565	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	28-40	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
36	566	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
	567	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	568	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-12	25-30	10YR5/6	Y Brn Si Cl	NCM
	569	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	570	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	571	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
572	1	0			Not excavated; standing water	NCM	
573	1	0			Not excavated; standing water	NCM	
37	574	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	575	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	576	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM
	577	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	578	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-15	33-38	10YR5/6	Y Brn Si Cl	NCM
	579	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM
580	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-8	15-20	10YR5/6	Y Brn Si Cl	NCM	
581	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-11	20-28	10YR5/6	Y Brn Si Cl	NCM	
582	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-10	18-25	10YR5/6	Y Brn Si Cl	NCM	
583	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM	
584	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-13	25-33	10YR5/6	Y Brn Si Cl	NCM	
585	1	0			Not excavated; standing water		
586	1	0			Not excavated; standing water		
587	1	0			Not excavated; standing water		

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
38	588	1	0-10	0-25	10YR5/6	Y Brn Si Cl	NCM
		2	10-13	25-33	10YR3/4	Dk Brn Si Lo	NCM
	589	1	0-9	0-23	10YR5/6	Y Brn Si Cl	NCM
		2	9-12	23-30	10YR4/4	Dk Y Brn Si Lo	152TX5QX1
	590	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	591	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/6	Y Brn Si Cl	NCM
	592	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-10	18-25	10YR5/6	Y Brn Si Cl	NCM
	593	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	594	1	0-8	0-20	10YR3/4	Dk Brn Si Lo terminated at groundwater	NCM
595	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
596	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	0-28	10YR5/6	Y Brn Si Cl	NCM	
597	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM	
	2	6-10	0-28	10YR5/6	Y Brn Si Cl	NCM	
598	1	0-4	0-10	10YR3/4	Dk Brn Si Lo terminated at groundwater	NCM	
599	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM	
600	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM	
601	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
602	1	0-7	0-18	10YR4/4	Dk Y Brn Si Lo	NCM	
603	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-12	25-30	10YR5/6	Y Brn Si Cl	NCM	
604	1	0	0		Not excavated, standing water		
605	1	0	0		Not excavated, standing water		
606	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM	
607	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-9	18-23	10YR5/6	Y Brn Si Cl	NCM	
608	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM	
609	1	0-3	0-8	10YR3/4	Dk Brn Si Lo terminated at groundwater	NCM	
610	1	0			Not excavated, standing water		
611	1	0			Not excavated, standing water		

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
40	612	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	613	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
41	614	1	0	0-20		Not excavated, standing water	NCM
	615	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	616	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
42	617	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
		1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
	618	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
		1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
42		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	619	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
43		2	13-15	33-38	10YR5/6	Y Brn Si Cl	NCM
	620	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-11	20-28	10YR5/6	Y Brn Si Cl	NCM
	621	1	0-6	0-15		Not excavated, standing water	
44	622	1	0			Not excavated, standing water	
		1	0			Not excavated, standing water	
	623	1	0			Not excavated, standing water	
	624	1	0			Not excavated, standing water	
43	625	1	0			Not excavated, standing water	
	626	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	627	1	0-3	0-8	10YR3/4	Dk Brn Si Lo	NCM
		2	3-6	8-15	10YR5/2	G Brn Si Cl	NCM
44	628	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM
	629	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-9	15-23	10YR5/6	Y Brn Si Cl	NCM
43	630	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	631	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM
		2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM
43	632	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM
	633	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-12	25-30	10YR5/6	Y Brn Si Cl	NCM
43	634	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-17	38-48	10YR5/6	Y Brn Si Cl	NCM
	635	1	0			Not excavated, standing water	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
44	636	1	0			Not excavated, standing water	
	637	1	0			Not excavated, standing water	
	638	1	0			Not excavated, standing water	
	639	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	640	1	0			Not excavated, standing water	
	641	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	642	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
	642	1	0			Not excavated, standing water	
45		2	13-15	33-38	10YR5/2	G Brn Si Cl	NCM
46	643	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
	644	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	644	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
	645	2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	645	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
	646	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	646	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	647	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	647	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
	648	2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
	648	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
	649	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	649	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
	650	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	650	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
	651	2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
47		1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
	652	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
48		1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
	653	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	653	1	0-11	0-28	10YR4/2	Dk G Brn Si Lo terminated at rock obstruction	NCM
	654	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
	655	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
49		1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
	656	2	11-13	28-33	10YR5/2	G Brn Si Cl	NCM
	657	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
	657	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	658	1	0-1	0-25	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
50	659	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
51	660	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-16	35-40	10YR5/2	G Brn Si Cl	NCM
	661	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	662	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	663	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	664	1	0-10	0-25	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	665	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	666	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	667	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	668	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-12	25-30	10YR5/2	G Brn Si Cl	NCM
	669	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	670	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	671	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	672	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
52	673	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	674	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
	675	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	676	1	0-11	0-28	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	677	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	678	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	679	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
52	680	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	681	1	0-6	0-15	10YR3/4	Dk Brn Si Lo	NCM
		2	6-10	23-33	10YR5/2	G Brn Si Cl	NCM
	682	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	683	1	0-12	0-30	10YR4/4	Dk Y Brn Si Lo terminated at bedrock	NCM
	684	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/2	G Brn Si Cl	NCM
	685	1	0-6	0-15	10YR4/6	Dk Y Brn Si Lo terminated at bedrock	NCM
53	686	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-11	23-28	10YR5/2	G Brn Si Cl	NCM
	687	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	688	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-13	20-33	10YR5/2	G Brn Si Cl	NCM
	689	1	0-4	0-10	10YR3/4	Dk Brn Si Lo	NCM
		2	4-7	10-18	10YR5/2	G Brn Si Cl	NCM
	690	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	691	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
	2	8-12	20-30	10YR5/2	G Brn Si Cl	NCM	
692	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
693	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
694	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-13	25-33	10YR5/2	G Brn Si Cl	NCM	
695	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-15	30-38	10YR5/2	G Brn Si Cl	NCM	
696	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
697	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
698	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM	
699	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/2	G Brn Si Cl	NCM	
700	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
54	701	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
54	702	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	703	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	704	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	705	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	706	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	707	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	708	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/6	Y Brn Si Cl	NCM
	709	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	710	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-13	28-33	10YR5/6	Y Brn Si Cl	NCM
	711	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	712	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
2		9-13	23-33	10YR5/6	Y Brn Si Cl	NCM	
713	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
714	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
715	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
716	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
717	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM	
718	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-14	33-35	10YR5/6	Y Brn Si Cl	NCM	
719	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
720	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
721	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
55	722	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	723	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
	724	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	725	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	726	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	727	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
	2	13-14	33-35	10YR5/6	Y Brn Si Cl	NCM	
728	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
729	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
730	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
56	731	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	732	1	0-8	0-20	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	733	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM
	734	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM
	735	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-17	35-43	10YR5/6	Y Brn Si Cl	NCM
	736	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
737	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-14	28-35	10YR5/6	Y Brn Si Cl	NCM	
738	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
739	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM	
	2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM	
740	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM	
741	1	0-7	0-18	10YR3/4	Dk Brn Si Lo	NCM	
	2	7-11	18-28	10YR5/6	Y Brn Si Cl	NCM	
742	1	0-6	0-15	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
743	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM	
	2	9-11	23-28	10YR5/6	Y Brn Si Cl	NCM	

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
	744	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	745	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
	746	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-12	23-30	10YR5/6	Y Brn Si Cl	NCM
	747	1	0-17	0-43	10YR3/4	Dk Brn Si Lo	NCM
		2	17-21	38-23	10YR5/6	Y Brn Si Cl	NCM
57	748	1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	749	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM
	750	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	751	1	0-12	0-30	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	752	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	753	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	754	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-15	25-38	10YR5/6	Y Brn Si Cl	NCM
	755	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM
	756	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-15	30-38	10YR5/6	Y Brn Si Cl	NCM
	757	1	0-6	0-15	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	758	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-12	20-30	10YR5/6	Y Brn Si Cl	NCM
58	759	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	760	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	761	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	762	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	763	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	764	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-19	38-49	10YR5/6	Y Brn Si Cl	NCM
	765	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
59	766	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	767	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	768	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	769	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-19	38-49	10YR5/6	Y Brn Si Cl	NCM
	770	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
60	771	1	0-16	0-40	10YR3/4	Dk Brn Si Lo	NCM
		2	16-20	40-50	10YR5/6	Y Brn Si Cl	NCM
	772	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	773	1	0-16	0-40	10YR3/4	Dk Brn Si Lo	NCM
		2	16-20	40-50	10YR5/6	Y Brn Si Cl	NCM
	774	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	775	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
61	776	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	777	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	778	1	0-9	0-23	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	779	1	0-12	0-30	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
	780	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	781	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
62	782	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM
	783	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
	784	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-16	25-40	10YR5/2	G Brn Si Cl	NCM
	785	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	786	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material	
62	787	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
	788	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
		2	14-16	35-40	10YR5/6	Y Brn Si Cl	NCM	
	789	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
	790	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
	63	791	1	0-7	0-18	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM
		792	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
	793	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
	794	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
		2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
	795	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
		2	11-15	28-35	10YR5/6	Y Brn Si Cl	NCM	
	796	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
	797	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM	
64	798	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM	
	799	2	10-14	25-35	10YR5/6	Y Brn Si Cl	NCM	
		2	0-6	0-15	10YR4/2	Dk G Brn Si Lo	NCM	
	800	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
65	801	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
	802	1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM	
	803	1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at bedrock	NCM	
66	804	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM	
	805	1	0	0		Not excavated: Surface Inspection		
	806	2	0	0		Not excavated: Surface Inspection		
67	807	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
67		2	12-14	30-35	10YR5/6	Y Brn Si Cl	NCM	
	808	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM	
68	809	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
68	810	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	811	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	812	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	813	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	814	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	815	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	816	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
	817	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
818	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
819	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM	
	2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM	
820	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
821	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
822	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
823	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
824	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM	
	2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM	
825	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	
826	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
827	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
828	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM	
	2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM	
829	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM	
	2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM	

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Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
70	830	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	831	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	832	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	833	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	834	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
71	835	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	836	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	837	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	838	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	839	1	0-11	0-28	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	840	1	0-13	0-33	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	841	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
72		2	12-15	30-38	10YR5/2	G Brn Si Cl	NCM
	842	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	843	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	844	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-17	38-48	10YR5/2	G Brn Si Cl	NCM
	845	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	846	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-14	28-35	10YR5/2	G Brn Si Cl	NCM
73	847	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	848	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	849	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		1	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	850	1	0-9	0-23	10YR3/4	Dk Brn Si Lo, terminated at bedrock	NCM
	851	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
75	852	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	853	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	854	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
76	855	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
	856	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	857	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-35	10YR5/2	G Brn Si Cl	NCM
77	858	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	859	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	860	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
78	861	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	862	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	863	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-35	10YR5/2	G Brn Si Cl	NCM
	864	1	0-9	0-23	10YR3/4	Dk Brn Si Lo	NCM
		2	9-13	23-33	10YR5/2	G Brn Si Cl	NCM
	865	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	866	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/2	G Brn Si Cl	NCM
	867	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/2	G Brn Si Cl	NCM
	868	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	30-40	10YR5/2	G Brn Si Cl	NCM
	869	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/2	G Brn Si Cl	NCM
	870	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/2	G Brn Si Cl	NCM

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
C1	871	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	872	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	873	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-13	30-33	10YR5/6	Y Brn Si Cl	NCM
	874	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	875	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
C2	876	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	877	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	878	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	879	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	880	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
C3	881	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	882	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	883	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	884	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	885	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
C3	886	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	887	1	0-15	0-38	10YR3/4	Dk Brn Si Lo	NCM
		2	15-19	38-48	10YR5/6	Y Brn Si Cl	NCM
	888	1	0-12	0-30	10YR3/4	Dk Brn Si Lo terminated at rock obstruction	NCM
	889	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	890	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	891	1	0-13	0-33	10YR3/4	Dk Brn Si Lo terminated at rock obstruction	NCM

Nussbaum Property, Route 17M(Chester Road), Town and Village of Chester, Orange County, New York.

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
C4	892	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	coal slag, not collected
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	893	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	894	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	plastic shot gun shell casing not
		2	14-16	35-40	10YR5/6	Y Brn Si Cl	NCM
	895	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	896	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
C5	897	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	898	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	899	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	900	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	901	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
C6	902	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	903	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	904	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	905	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	906	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-43	10YR5/6	Y Brn Si Cl	NCM
C6	907	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	908	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	909	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	910	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	911	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	NCM
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM

Nussbaum Property, Route 17M(Chester Road), Town and Village of Chester, Orange County, New York.

Transect	STP	Level	Depth(in)	Depth (cm)	Munsell	Soil Description	Cultural Material
	912	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
C7	913	1	0-14	0-35	10YR3/4	Dk Brn Si Lo	coal slag, not collected
		2	14-18	35-45	10YR5/6	Y Brn Si Cl	NCM
	914	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
	915	1	0-12	0-30	10YR3/4	Dk Brn Si Lo	NCM
		2	12-16	30-40	10YR5/6	Y Brn Si Cl	NCM
	916	1	0-11	0-28	10YR3/4	Dk Brn Si Lo	NCM
		2	11-15	28-38	10YR5/6	Y Brn Si Cl	NCM
	917	1	0-10	0-25	10YR3/4	Dk Brn Si Lo	NCM
		2	10-14	25-45	10YR5/6	Y Brn Si Cl	NCM
	918	1	0-8	0-20	10YR3/4	Dk Brn Si Lo	NCM
		2	8-9	20-23	10YR5/6	Y Brn Si Cl	NCM
	919	1	0-13	0-33	10YR3/4	Dk Brn Si Lo	NCM
		2	13-17	33-48	10YR5/6	Y Brn Si Cl	NCM
Dump # 2	920	1	0-6	0-15	10YR3/4	Dk Brn Si Lo terminated at rock obstruction	NCM

APPENDIX E

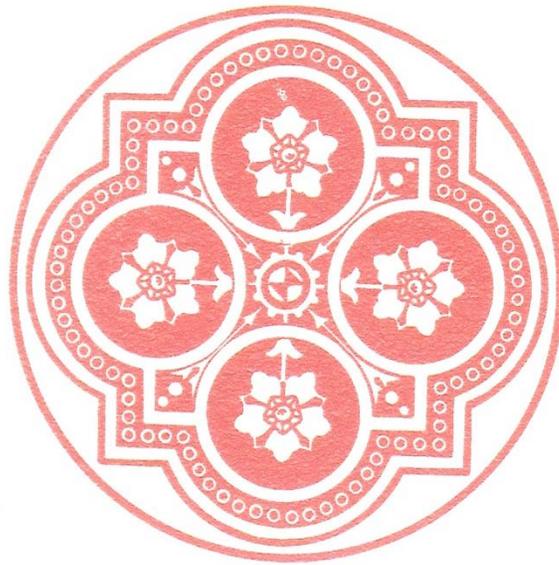
ARTIFACT CATALOG

Appendix E: Artifact Catalog
 Nussbaum Property Route 17M (Chester Road) Town and Village of Chester, Orange County, New York

Location	Count	Item	Description	Features
Dump # 1	7	Window Glass	Clear	
Dump # 1	1	Bottle Glass	Machine Made clear	Registered/Lyon & Sons/Brewing Co./Newark, NJ/This Bottle/Not to be Sold
Dump # 1	3	Bottle Glass	Machine Made clear	
Dump # 1	7	Nail fragments;	cut or wrought	
Dump # 1	9	Metal	Unidentified	
Dump # 1	1	Architectural	Bolt	
Dump # 2	1	Bottle Glass	Machine Made Amber	Federal Law Prohibits Sale/or Re-use of this Bottle
Dump # 2	1	Bottle Glass	Machine Made clear	Linden/Gordons/Federal Law Prohibits Sale/or Re-use of this Bottle
Dump # 2	1	Container Glass	Milk Glass	
Dump # 3	1	Bottle Glass	Machine Made clear	Case Bottle, treaded rim
Dump # 3	2	Architectural	nails (~ 8")	
Surface Collection, Cornfield	1	Bottle Glass	Machine Made Amber	rim only
Surface Collection, Cornfield	1	Clothing	Flat metal insert	none
Surface Collection, Cornfield	1	Architectural	Ceramic Drain Pipe	
Surface Collection, Cornfield	1	Architectural	Brick	
Dump # 2 STP 920	2	Bottle Glass	Machine Made Green	
Dump # 2 STP 920	1	Bottle Glass	Machine Made Clear	
Dump # 2 STP 920	1	Architectural	barbed wire fragment	

Nussbaum Property

Addendum Letter for the Phase 1A Literature Review and Sensitivity Analysis & Phase 1B Archaeological Field Reconnaissance Survey



Route 17M (Chester Road)
Town and Village of Chester, Orange County New York

Prepared for:

Tim Miller Associates, Inc.
10 North Street
Cold Spring, New York 10516

By:

CITY/SCAPE: Cultural Resource Consultants
166 Hillair Circle
White Plains NY 10605

February 2009

NUSSBAUM PROPERTY

Route 17M (Chester Road)
Town and Village of Chester, Orange County, New York

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- Appendix A: Correspondence
- Appendix B: Photographs

**Re: Letter Addendum for the Phase 1A Literature Review & Sensitivity Analysis and Phase 1B
Archaeological Field Reconnaissance Survey
Nussbaum Property
Route 17M (Chester Road) Town and Village of Chester, Orange County, New York.**

Introduction

In response to concerns raised by Ruth Pierpont, Program Director at New York State Office of Parks Recreation and Historic Preservation, CITY/SCAPE: Cultural Resource Consultants completed a thorough investigation of the property deeds available for the BT Holdings property, also known as, and heretofore referred to as the Nussbaum Property. Land Deed research was conducted by Beth Selig staff archaeologist at the Orange County Government Center in the Town of Goshen, NY. Information available at the Orange County Genealogical Society was also reviewed.

The project area, containing ±68.427 acres, of which ±4 acres is wetland, is located on the east side of Route 17M a short distance north of the Route 17M-Route 94 intersection in the Town and Village of Chester. As noted, the bulk of the site is located in the Town of Chester, a number of small pieces fall within the bounds of the Village of Chester. The Nussbaum Property consists of four parcels, one in the Town of Chester (2-1-39), and three within the Village of Chester (108-1-1, 107-3-4 & 120-1-1).

Results of Deed Research

The deeds pertaining to the Nussbaum Property were reviewed at the Orange County Government building in the Town of Goshen, New York. The review of the land deeds can conclusively state that the Nussbaum Parcel, was never included within the boundaries of “Brookview Farm”, now owned by T. Talmadge but was included within the “Meadowbrook Farm” boundaries. In 1903, Meadowbrook Farm was owned by J. B. Tuthill and fronted on Hambletonian Avenue. In March of 1869 Michael and Bridget Gavin deeded a large parcel of land to John Bartlett Tuthill (Liber 216 p. 61). The land stayed within the Tuthill Family through 1955. John. Bartlett Tuthill Sr. father of Hiram Tuthill and grandfather to John Bartlett Tuthill Jr. through his last will and testament deeded the farm land to John Bartlett Jr. and Katheryn Tuthill, dated March 3rd 1938 (Liber 1358 p. 406: Liber 1290 p. 131). Pauline and Anthony Kasuga purchased the land from the Tuthill’s in 1955.

The single tract of land owned by John Bartlett Tuthill Sr. and willed to his grandson (March 3rd 1938) is described as being three parcels. The details of each parcel as they appear on the 1938 deed are as follows:

The first parcel of land is described as follows (Liber 186 p. 229, Liber 1290 p. 131-133):

All those two certain lots pieces or parcels of land and premises situate in the Town of Chester aforesaid and bounded as follows- to wit:- beginning on the west side of the highway leasing past the

residence of James. M. Bull at a corner of the lands of Cornelius B. Wood and runs thence along said Wood's line north 50° west 18 chains and 17 links; thence north 43 ½ ° west 11 chains and 58 links to the lands of David. R. Feagles; thence; along the same north 9 ½ ° east 5 chains and 231 links; thence along the same north 35° east 9 chains and 50 links to the center of aforesaid highway; thence along the center of the said highway south 46° east 7 chains and 15 links to the Erie Railroad; thence north 35° east 9 chains and 46 links; thence north 24° east along the lands of William M. Rysdyk 5 chains and 398 links to a large black oak tree; thence south 54° east 5 chains to a hickory tree, thence south 46° east 12 chains and 19 links to a white oak stump; thence north 59° east 11 chains and 68 links to the lands of J. E. Moffat; thence south 46° east 4 chains and 68 links to the lands of William M. Rysdyk; thence south 43 ½° west 25 chains and 79 links to a ditch in the black meadow, thence along the same south 45 ¼° east 8 chains and 62 links, thence south 45 ¼° west 20 chains and 48 links to the place of beginning containing 112 ½ acres of land more or less. Excepting thereout that portion of the same heretofore conveyed to the New York & Erie Railroad Company of about the quantity of 3.86 acres of land more or less. The other of said lots is bounded and described as follows;- to wit:- Beginning at the southwesterly corner of J.E. Moffat's land in the line of the land of Wm. M. Rysdyk and runs along said Moffat's land south 45 ½° east 22 chains and 84 links to said Gavin's land, south 59 ½° west 11 chains and 21 links, north 48° west 12 chains and 19 links, north 54° west 5 chains to a large oak tree, north 22 ¼° east 7 chains and 42 links, north 45 ½° east 5 chains and 30 links to the place of beginning containing 24.38 acres of to be the same more or less.

Being the same premises conveyed by Michael Gavin and his wife to John B. Tuthill

Second Parcel: Liber 1290 p. 131-133

All that certain lot piece or parcel of land situate lying and being within the Town of Chester bounded and described as follows: Beginning at the northeast corner of the said first parties (Michael Moran) dwelling house lot in the line of the lands of Charles P. Smith, M.D., and runs from thence north 48° east 6 chains, north 43 ½° west 8 chains and 36 links to the center of a ditch, south 46 ° west 6 chains, and 37 links to the center of the highway ,3° south 26 east 2 chains, south 34° east 4 chains and 22 links, north 51° east 1 chain and 85 links, south 38° east 1 chain and 92 links to the place of beginning. Containing 5 acres 2 roods and 18 rods o land be the same more or less. Excepting and reserving forever a right of way on and over the above described premises 1 rod wide along the line of the said C. P. Smith for the use of the said parties of the first part (Michael Moran), and their heirs and assigns.

Being the same premises conveyed by Michael Moran and Wife to John B. Tuthill.

Third Parcel: Liber 1290 p. 131-133

All that tract or parcel of land situate in the Town of Chester in said County and State and bounded and described as follows: Beginning at the northeast corner of J. B. Tuthill's land in the line of J. E. Moffat's and runs thence along said Tuthill's land south 45° west 25 chains and 86 links, thence south 45° east 8 chains and 62 links, thence south 48° west 3 chains and 77 links to the railroad, thence along the same south 40° east 5 chains and 56 links thence east 3 chains and 94 links to the center of the Chester and Craigville highway, thence along the same north 50° east 6 chains and 41 links , thence along the same 60 ½° east 2 chains and 33 links to H. Showers lot, thence along the same north

33° west 1 chain and 45 links to the center of said highway, thence along the same north 61 ½° east 5 chains and 38 links, thence along the same north 65 ½° east 2 chains and 53 links, thence same north 56 ½° east 5 chains and 6 links thence along the same north 43 ½° east 5 chains and 5 links, thence along the same north 27° east 3 chains and 30 links to the lands of Jesse E Moffat, thence along the same north 37° west 15 chains and 32 links thence along the same south 51 °west 3 chains and 21 links , thence along the same north 44 ¼° wets 9 chains and 34 links to the place of beginning.
 Containing 70 acres 2 roods and 19 rods of land more or less.

Being the same premises conveyed by George F. Andrews and other executers of etc. of Elvira Rysdyk, deceased, to John. B. Tuthill.

Being the same lands and premises conveyed by John. B. Tuthill to John B. Tuthill and Katharyn M. Tuthill , his wife, by deed dated July 26th 1944(Liber 936 p 445).

Being the same premises conveyed by John B. Tuthill and Katharyn M. Tuthill to Katharyn M. Tuthill, by deed dated September 18th 1952 (Liber 1244 p 102).

This large tract of land was purchased by John Bartlett Tuthill Sr. from Michael and Bridget Gavin in 1869. The Tuthill family sold portions of this tract of land to Abraham Weisman, Vincent and Pauline Kosuga and the Rhinebeck Holding Co. The transfer of ownership for each parcel is included in the table below.

Grantee		Grantor	Date	Liber & Page	Tax Parcel
BT Holding, BT Partnership (Liber 12048 p. 998)	From	Vincent & Pauline Kosuga	Jan. 16 th 1985	Liber 2321 p. 201	2-1-39, 107-3-4
BT Partnership (Liber 4212 p. 100)	From	Vincent & Pauline Kosuga	Jan 16 th 1985	Liber 2321 p. 201	108-1-1
Kosuga, Vincent & Pauline (Liber 2321 p. 201)	From	John B. Tuthill & Katharyn Tuthill	Sept 7 th , 1955	Liber 1362 p. 180	2-1-39
Kosuga, Vincent & Pauline (Liber 2321 p. 201)	From	Mae E. Butler	June 6 th 1955	Liber 1348 p 587	107-3-4
Mae E Butler (Liber 1345 p. 587)	From	Rhinebeck Holding Co.	Sept 27 th 1930	Liber 711 P. 93	107-3-4
John B. & Katharyn Tuthill (Liber 1362 p. 180)	From	John Bartlett Tuthill	March 3 rd 1938	Liber of wills 118 p. 129	2-1-39, 107-3-4, 108-1-1
John Bartlett Tuthill (Liber of Wills 118 p. 129)	From	Michael & Bridget Gavin	March 31 st 1869	Liber 216 p 61	2-1-39, 107-3-4, 108-1-1
Michael & Bridget Gavin (Liber 216 p. 61)	From	William Rysdyk	April 1 st 1868	Liber 209 p. 61	2-1-39, 107-3-4, 108-1-1

Grantee		Grantor	Date	Liber & Page	Tax Parcel
Michael Gavin (Liber 216 p. 61)	From	Anthony Silverton	April 1 st 1867	Liber 199 p. 497	2-1-39, 107-3-4, 108-1-1
Vincent & Pauline Kosuga (Liber 2321 p. 201)	From	Abraham J. Weisman	Dec 19 th 1958	Liber 1487 p 262	108-1-1
Abraham Weisman (Liber 1487 p. 262)	From	John B. & Katharyn Tuthill	Sept 7 th 1955	Liber 1362 p. 180	108-1-1
Nexans Energy USA	From	Village of Chester		Liber 6047 p. 66	120-1-1

A thorough review of the land deeds for the “Brookview Farm” indicates that at no time was the Nussbaum Property owned by the Talmadge Family, or part of Brookview Farm.

National Register Eligibility of Brookview Farm

The site file research undertaken at OPRHP failed to locate or identify “Building and Structure Inventory Forms”, which indicate a structures potential eligibility for nomination to the State or National Registers, within a 1 mile radius of the Nussbaum Property. Ruth Pierpont, Program Director at OPRHP expressed concerns regarding impacts to the potential eligibility of the Brookview Farm, which has not yet been considered for eligibility or nomination to the National Register. (Appendix A) Brookview Farm is located along the northern and northwestern boundary of the Nussbaum Property, with its main house and barns located along Route 17M (Chester Road), a significant distance from the Nussbaum Property boundaries. The Main house on the Brookview Farm property appears to date as early as 1858, when it appears on the Corey & Bachman *Map of Orange and Rockland Counties* and would be, should the Brookview Farm be considered Eligible, a contributing factor to the nomination. Based on the initial review of the Brookview Farm property, by CITY/SCAPE: Cultural Resource Consultants, it appears that newer outbuildings have been constructed on the property, along with the retention of portions or all of an earlier barn structure. (Photo 3-4) The newer barns and/or outbuildings would be considered non-contributing structures should a determination be made. The farmstead as a whole would reflect the Town of Chester’s development as a prosperous rural agrarian community, and would be considered likely to yield information on the agricultural practices of the Wallkill and lower Hudson Valley regions.

The proposed development plan for the Nussbaum Property will not have any physical adverse impacts to this site, or its contributing or non contributing features including the farmstead’s agricultural landscape. Portions of the proposed plan would however be within the viewshed of Brookview Farm. (Photo 7-10) The current concept drawings for the Nussbaum Property indicate that the high central knoll along the northwestern property boundary would contain residential structures. These structures, due to their elevation in relationship to Brookview Farm would be visible from the farmstead. However, there is a significant landscape distance between the farm buildings and the Nussbaum Property, so much so that with appropriate vegetation, in the form of trees and plantings the view shed of the Brookview Farm would not be adversely impacted. Additionally, the area south of Brookview Farm that

fronts along Route 17M, would also contain a structure as well as a pond. The elevations of this area are below that of the farmstead, therefore the existing natural landscape would provide a buffer and the proposed development in this portion of the Nussbaum Property would not be visible from the Brookview Farmstead.

At the present time the Brookview Farm complex has not been considered eligible for nomination or listing on the National or State Register of Historic Places. As the Brookview Farmstead is not included, nor ever has been included within the boundaries of the Nussbaum Property, an investigation of the farmstead, in conjunction with the National Register criteria for nomination or listing, has not been undertaken.

Summary and Conclusions

In 2009, CITY/SCAPE: Cultural Resource Consultants completed additional research on the Nussbaum Property at the request of Ruth Pierpont, Program Director at New York State's Office of Parks, Recreation and Preservation. Concerns raised by Ms. Pierpont regarded whether or not the Brookview Farm, now owned by Ted Talmadge had ever been included within the boundaries of the Nussbaum Property, and whether the proposed plan of development on the Nussbaum Property would impact the qualities providing for its eligibility (See Appendix A: Correspondence). CITY/SCAPE: Cultural Resource Consultants conducted a thorough review of the existing body of data available at the New York State Office of Parks, Recreation and Historic Preservation. The site file search not only indicated an absence of historic and prehistoric sites, but failed to identify any Buildings and Structures Inventory Forms for locations within a 1-mile radius of the Nussbaum Property. At the present time no determination regarding the eligibility of Brookview Farm for nomination or listing on the National Register of Historic Places has been made.

Based on a review of the existing documents pertaining to the ownership of the Nussbaum Property, CITY/SCAPE: Cultural Resource Consultants has determined that at no time was the Nussbaum Property owned by the Talmadge family or a part of Brookview Farm. It has also been determined that the proposed plan for the Nussbaum Property will not physically impact the structures or landscape associated with Brookview Farm. Portions of the proposed development will be visible from the farmstead, however the natural landscape, and certain mitigation measures such as a vegetation buffer, will prevent the visual effect on the current qualities of Brookview Farm.

Based on these results, it is the opinion of CITY/SCAPE: Cultural Resource Consultants that no further archaeological investigation is warranted for the Nussbaum Property site.

APPENDICES

LIST OF APPENDICES

Appendix A: Correspondence

Appendix B: Photographs

APPENDIX A

CORRESPONDENCE



**New York State Office of Parks,
Recreation and Historic Preservation**

Historic Preservation Field Services Bureau • Peebles Island, PO Box 189, Waterford, New York 12188-0189

518-237-8643

www.nysparks.com

David A. Paterson
Governor

Carol Ash
Commissioner

November 04, 2008

Gail Guillet
City / Scape
166 Hillair Circle
White Plains, New York 10605

Re: DEC
Nussbaum Property
Route 17M (Chester Road)
CHESTER, Orange County
08PR05600

Dear Ms. Guillet:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP) concerning your project's potential impact/effect upon historic and/or prehistoric cultural resources. Our staff has reviewed the documentation that you provided on your project. Preliminary comments and/or requests for additional information are noted on separate enclosures accompanying this letter. A determination of impact/effect will be provided only after ALL documentation requirements noted on any enclosures have been met. Any questions concerning our preliminary comments and/or requests for additional information should be directed to the appropriate staff person identified on each enclosure.

In cases where a state agency is involved in this undertaking, it is appropriate for that agency to determine whether consultation should take place with OPRHP under Section 14.09 of the New York State Parks, Recreation and Historic Preservation Law. In addition, if there is any federal agency involvement, Advisory Council on Historic Preservation's regulations, "Protection of Historic and Cultural Properties" 36 CFR 800 requires that agency to initiate Section 106 consultation with the State Historic Preservation Officer (SHPO).

When responding, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont
Director

Enclosure

APPENDIX B

PHOTOGRAPHS



Photo 1: Main house on Brookview Farm. View northeast of eastern and southern portions of structure.



Photo 2: Western portion of the main house on Brookview Farm. View southeast.



Photo 3: Barns and outbuildings located in rear of main farm house. View north.



Photo 4: Additional view of main barn, taken from Route 17M (Chester Road). View to north.



Photo 5: Overview of Brookview Farm with Nussbaum Property in the background. View to northeast from Route 17.



Photo 6: View of barns located southeast of farm house. View northeast from Route 17M (Chester Road).



Photo 7: View of Nussbaum Property northwestern boundary from rear of Brookview Farm. View northeast. (Source: Tim Miller Associates)



Photo 8: View southeast of Nussbaum Property northwestern boundary. Taken from Talmadge property/Brookview Farm. (Source: Tim Miller Associates)



Photo 9: View of southwestern portion of Nussbaum Property from Talmadge property/Brookview Farm. View northeast. (Source: Tim Miller Associates)



Photo 10: View of landscape from rear of Brookview Farm complex, toward Nussbaum Property. Landscape seen in photo is part of Brookview Farm. (Source: Tim Miller Associates)