



White Pine Commerce Park

Phase 1 Archeological Survey Report Town of Clay, Onondaga County, New York

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September 2013

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(formerly Clay Business Park)

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MANAGEMENT SUMMARY

NYSOPRHP Project Review Number:	12PR04065
Involved State and Federal Agencies:	Onondaga County Industrial Development Agency (SEQRA) NYSDEC SPDES General Permit
Phase of Survey:	Phase 1
Location Information:	Town of Clay, Onondaga County
Survey Area:	
Project Description:	Commercial/industrial park and associated infrastructure, including approximately 4 miles of new sewer line
Project Area:	approximately 340 acres
USGS 7.5-Minute Quadrangle Map:	<i>Brewerton, N.Y.</i>
Archeological Survey Overview:	
Number/interval of shovel tests:	1,414 in total (1,377 shovel tests at approximately 15 meter/50 foot interval; 37 shovel tests at approximately 7.5 meter/25 foot interval; 6 radial shovel tests at 7.5 meter/25 foot interval)
Number/size of excavation units:	None; Phase 1 only
Pedestrian surface survey:	775 feet (236 m) in agricultural field
Surface survey transect interval:	16.4 feet (5m) x 3 transects
Results of Archeological Survey:	
Pre-contact sites identified:	None
Historic sites identified:	2 (Caughdenoy Road MDS 1 & Caughdenoy Road MDS 2)
Report Authors:	Patrick J. Heaton, RPA; T. Arron Kottlensky, RPA; Grant Johnson; Eric Lockard; Francis McCormick
Date of Report:	September 2013

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1.0 INTRODUCTION

1.1 Purpose of the Investigation

On behalf of CHA and the Onondaga County Industrial Development Agency (OCIDA), EDR Environmental Services, LLC (EDR) conducted a Phase 1 archeological survey for the proposed White Pine Commerce Park (formerly Clay Business Park), located in the Town of Clay, in Onondaga County, New York. The purpose of the Phase 1 survey is to determine whether archeological sites are located in the areas that may be affected by the proposed Project. The information included in this Phase 1 archeological survey report is intended to assist OCIDA in their review of the proposed Project under the State Environmental Quality Review Act (SEQRA). The Phase 1 survey was conducted under the supervision of a Registered Professional Archeologist (RPA) in a manner consistent with the New York Archaeological Council's 1994 *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State* (the *NYAC Standards*; NYAC, 1994). The Phase 1 report was prepared in accordance with the New York State Office of Parks, Recreation, and Historic Preservation's (NYSOPRHP's) *Phase 1 Archeological Report Format Requirements* (NYSOPRHP, 2005).

1.2 Project Location and Description

OCIDA is proposing to develop the White Pine Commerce Park (the Project), which will be a modern industrial facility in the Town of Clay, Onondaga County, New York (see Figure 1). The Project site is located northeast of the intersection of New York State (NYS) Route 31 and Caughdenoy Road and includes approximately 340 acres of undeveloped land that includes former farmland, vacant fields, shrublands, wetlands, and forested areas with elevations between approximately 380 and 420 feet above mean sea level (amsl; see Figures 2 and 3; Appendix A: Photographs 1-10). The Project site is located near major transportation routes and is located adjacent to numerous existing utilities. The National Grid Clay substation is located on the west side of Caughdenoy Road opposite the northern portion of the Project site. The northern portion of the Project site includes several areas of wetlands and small drainages that drain northward toward Youngs Creek, located north of the property. A New York Power Authority (NYPA) electric transmission line right-of-way crosses the northern portion of the Project site in an east-west direction perpendicular to Caughdenoy Road. The transmission lines originate at the National Grid Clay electrical substation just west of the site. An active CSX rail line right-of-way crosses Caughdenoy Road adjacent to the site, and forms part of the northwestern boundary of the site. Nearby utilities include public water, electric, fiber optic and broadband, telephone, and natural gas services.

Although specific tenants and uses have yet to be determined, and site plan has yet to be developed, the Project is anticipated to include a mix of commercial and industrial uses. These uses may include office, research, manufacturing, assembly, warehousing, and distribution facilities in a campus environment. Industrial facilities or

related infrastructure could be located in any of the six “buildable areas” within the site (Figure 4). These areas include approximately 110 acres of land that will be developed as buildings, parking, roadways and support/ancillary facilities. Additional acreage will be required to provide for stormwater management and as setbacks and natural buffers around the periphery of the Park. In total, the Project will encompass approximately 182 acres, or about one-half of the Park’s total acreage. The remaining areas will be set aside as natural areas to avoid and/or minimize impacts to environmentally sensitive features including State and federal wetlands and State-regulated wetland buffers.

In addition, the Project will require installation of a new approximately four-mile sewer line. The proposed sewer line would connect the Project site to existing wastewater treatment facilities at the Oak Orchard Wastewater Treatment Plant (WWTP), which is located approximately three miles west-northwest of the Project site adjacent to the Oneida River. The proposed route of the sewer line (as presently envisioned) is shown on Figures 2 and 3. The sewer line will run within the road shoulder of Caughdenoy Road from the CSX railroad crossing southward to an existing waterline right of way that intersects Caughdenoy Road approximately 950 feet south of NYS Route 31. The proposed sewer line will then run parallel to the existing water line from Caughdenoy Road to the Oak Orchard WWTP.

1.3 Summary of Previous Cultural Resources Review of the Project

Activities to date related to cultural resources concerns for the Project have included the following:

- EDR previously prepared a *Phase 1A Cultural Resources Survey* for the Project (EDR, 2012), which was submitted to NYSOPRHP for their review on September 14, 2012. Significant portions of the Phase 1A report are reproduced herein so that this report constitutes a complete stand-alone Phase 1 archeological survey report for the Project in accordance with NYSOPRHP’s 2005 *Phase 1 Archeological Report Format Requirements*. The Phase 1A report concluded that in general the Project site had relatively low potential to contain archeological sites and recommended that a limited Phase 1B archeological survey (totaling no more than 500 shovel tests) would be appropriate for the Project site.
- In correspondence dated October 16, 2012, Philip Perazio (NYSOPRHP staff) responded that NYSOPRHP did not agree with EDR’s recommended level of effort and instead indicated that a complete Phase 1B archeological survey of the entire project site would be necessary (Perazio, 2012; see Appendix B).
- In March 2013, EDR provided to NYSOPRHP additional information regarding the site, including a map entitled “Existing Site Conditions” prepared by CHA [this map is included in this report as Figure 4], which shows the extents of wetlands and limits of developable areas on the site (approximately 187 acres of the 340-acre site are developable)

- On March 19, 2013 EDR spoke with Philip Perazio to discuss NYSOPRHP's recommendations regarding the need for and scope of the Phase 1B survey. This discussion is memorialized in Meeting Minutes (EDR, 2013) and email correspondence (Perazio, 2013a) included in Appendix B of this report. NYSOPRHP recommended that an appropriate Phase 1B testing strategy for the Project site would be shovel testing (at 50-foot intervals, in most instances, in accordance with the *NYAC Standards*) in limited areas within the Project site.

The scope of the Phase 1 archeological survey described herein was developed in consultation with NYSOPRHP as described above and memorialized in correspondence included in Appendix B. The scope (or research design) for the Phase 1 survey is further described in Section 4.1 of this report.

2.0 BACKGROUND RESEARCH

2.1 Geology and Soils

The Project site is located on a relatively level area south of Youngs Creek within the Erie-Ontario Plain physiographic province. The plain generally consists of limestone, siltstone, and shale of the Silurian and Devonian Periods (SCS, 1977). Topography on the site is gently sloping with elevations generally ranging from 380 to 420 feet above mean sea level (amsl; see Figure 2). A small, linear, steeply sloped esker rises to an elevation 420 feet (amsl) is located in the eastern portion of the Project site. An esker is a long ridge of sand and gravel that is a typical feature in glaciated areas. The esker within the Project site is readily apparent on topographic mapping (see Figure 2) and is labeled on Figure 3.

EDR reviewed the *Soil Survey of Onondaga County, New York* (SCS, 1977) for data concerning soils within the Project site as well as electronic data for Onondaga County from the Natural Resources Conservation Service (NRCS, 2012). The Project site is primarily within the Collamer-Niagara General Soil Map Unit and the remainder of the site is within the Niagara-Collamer, Ontario-Hilton, Williamson-Niagara, Arkport-Colonie, and Niagara Canandaiqua General Soil Map Units. The majority of Project-related soil disturbance will occur within the Collamer-Niagara General Soil Map Unit, which is characterized as “deep, moderately well drained and somewhat poorly drained, medium- and high-lime soils that have a medium-textured to moderately fine-textured subsoil; on lake plains” (SCS, 1977). These soils formed in lacustrine deposits of silt, very fine sand and moderate amounts of clay (SCS, 1977). The dominant soil series within the Project site (Figure 5) include Niagara silt loam (NgA), Collamer silt loam (ChA/ChB), and Ontario loam (OgB). Cumulatively, these soils cover over 69% of the Project site. Table 1 summarizes typical characteristics for the dominant soils (i.e., those soils that cover more than 35 acres) located within the Project site.

Table 1. Dominant Soils within the Project Site

Map Unit Name & Acres within the Project site	Soil Horizon & Depth	Description	Slope Drainage & Landform
Niagara silt loam (NgA) 134 acres ~39% of the Project site	0-23cm (0-9in) 23-28cm (9-11in) 28-58cm (11-23in) 58-99cm (23-39in) 99-127cm (39-50in)	Very dark grayish-brown silt loam Pale-brown silt loam Brown very fine sandy loam Grayish-brown heavy silt loam Brown weakly stratified silt loam and very fine sandy loam With thin layers of loamy very fine sand	(NgA): 0-4% slopes Somewhat poorly drained; On moderately low lake plains from which runoff is slow or from which they receive runoff or seepage from adjacent higher lying soils.

Map Unit Name & Acres within the Project site	Soil Horizon & Depth	Description	Slope Drainage & Landform
Collamer silt loam (ChA, ChB) 106 acres ~31% of the Project site	0-25cm (0-10in) 25-40cm (10-16in) 40-61cm (16-24in) 61-81cm (24-32in) 81-107cm (32-42in) 107-127cm (42-50in)	Dark grayish brown silt loam Yellowish brown silt loam Dark brown silt loam Brown heavy silt loam Brown heavy silt loam Weakly stratified reddish-brown silt loam with thinner layers of brown	(ChA): 0-2% slopes (ChB): 2-6% slopes Moderately well drained; On undulating tops in lake plains.
Ontario loam(OgB) 38 acres ~11% of the Project site	0-18cm (0-7in) 18-36cm (7-14in) 36-48cm (14-19in) 48-71cm (19-28in) 71-81cm (28-32in) 81-152cm (32-60in)	Dark brown loam Brown very fine sandy loam Dark brown gravelly loam Dark brown heavy gravelly loam Brown gravelly loam Brown gravelly loam	(OgB): 2-8% slope Well drained; On upland till plains and drumlins.

2.2 Previously Identified Archeological Sites

In accordance with the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) *Phase 1 Archeological Report Format Requirements* (NYSOPRHP, 2005), this Phase 1 report includes a summary of previously identified archeological sites located within one mile of the Project. EDR retained Croshier Archeological Services to conduct a review of the consolidated archeological site files of the NYSOPRHP and New York State Museum (NYSM) to identify documented archeological sites. This investigation revealed that a total of 15 archeological sites are located within one mile of the Project (Figure 6).

Table 2. Archeological Sites Located in the Vicinity of the Project

Site Identifier	Site Name	Time Period	Description	Distance from Project
NYSM 7311	ACP Onondaga No#	Unknown Prehistoric	Camp (documented in Parker, 1922)	0.0 mile (proposed sewer line intersects site)
067.03.0004	Site	Unknown Prehistoric	Area is disturbed	0.1 mile
067.03.0112	Flagler Site	Historic	Map-documented dwelling with fieldstone-lined foundation with burned sills and joists	0.1 mile
067.03.0154	Treatment Plant Pre-contact Site	Unknown Prehistoric	Pre-contact Native American Site	0.2 mile
NYSM 4232	ACP Onondaga 80A, 80B	Unknown Prehistoric	Village/Hamlet and Burial/Cemetery Site(s)	0.2 mile
067.03.0111	Dr. Snyder Site	Historic	Map-documented wood frame dwelling with mortared fieldstone foundation	0.3 mile
067.03.0110	Vandenberg Site	Historic	Map-documented dwelling with stone foundation and stone lined well	0.3 mile
NYSM 6633	-	Unknown Prehistoric	Old site file(s) from 1913 map; locations along Oneida Lake and Oneida River	0.3 mile
067.03.0003	Site	Unknown Prehistoric	Potential Cemetery (may be the same site as NYSM 4232)	0.4 mile
067.03.0001	Oak Orchard and Caughdenoy Locks	Historic	Limestone locks part of a waterway designed to connect Erie Canal in Rome to Erie Canal in Oswego	0.6 mile
075.18.0004	Frame Saw Mill	Historic	Map-documented saw mill	0.6 mile
075.18.0033	Schroeppel Mansion Prehistoric Site	Unknown Prehistoric	Flakes, cores, and bifaces present along with other artifacts	0.7 mile
NYSM 7010	ACP Onondaga 80C	Unknown Prehistoric	Camps	0.7 mile

Site Identifier	Site Name	Time Period	Description	Distance from Project
NYSM 6632	-	Unknown Prehistoric	Old site file(s) from 1913 map; locations along Oneida Lake and Oneida River	0.7 mile
067.03.0169	Sand Hill Burial	Woodland or Contact Period	Remains of an Indian male were found in sand bed; 1 piece of pottery also recovered (not described)	0.8 mile
067.03.0068	NMPC – CT #1	Unknown Prehistoric	5 dark grey chert flakes found	1 mile

As indicated in Table 2 and Figure 6, the proposed sewer line route intersects NYSM Site 7311, which is located north of NYS Route 31 and east of Morgan Road. The site is described as a “campsite” reported in the *Archaeological History of New York State* (Parker 1922), which implies a general area from which Native American artifacts have been recovered or reported. This site description usually indicates the presence of small camp sites and/or lithic scatters. The other sites in the vicinity of the Project include sites identified by archeologists active in the early-twentieth century or during more recent archeology surveys conducted in association with the planning and construction of housing developments, road improvements, and utility lines and their associated facilities. Information regarding these sites varied in detail within the NYSOPRHP site files. The majority of these sites are reported Native American sites. In addition, there are five historic-period sites located within one mile of the Project. These are for the most part dwellings and industrial sites depicted on historic maps.

2.3 Previously Identified Historic-Architectural Resources

EDR reviewed the State Preservation Historical Information Network Exchange (SPHINX) database maintained by NYSOPRHP to identify significant historic buildings and/or districts located within one mile of the Project (Table 3; Figure 6). The only property listed on, or determined eligible for listing on the National Register of Historic Places (NRHP) within one mile of the Project is the Schroepel House (Site #90NR02140), which is located approximately 0.7 mile from the western terminus of the proposed sewer line.

Table 3. Historic Resources Located in the Vicinity of the Project

Site Identifier	Property Name, Address, and/or Description	Determination	Distance from Project (Miles)
90NR02140	Schroepel House	NRHP-Listed	0.7

The Schroepel House is a wood frame residential dwelling constructed in the form of a prostyle tetrastyle temple. Construction of the house began in 1818. The house is located beside the Oneida River and is an illustration of the spread of fashion and architectural sophistication into north central New York along the river and canal systems which were the channels of economic development in the early decades of the nineteenth century (Harwood, 1982).

2.4 Previous Cultural Resource Surveys

Nine cultural resource surveys have been previously undertaken within the one-mile radius study area. The locations of previously surveyed areas are depicted in Figure 6 and brief summaries are provided below:

- Cultural resource surveys were undertaken for the Oak Orchard Service Area (McDowell-Loudan, 1976a, 1976b, 1976c). These surveys are located to the west of the Project site. The May 1976 Phase I investigation located two archeological sites within the surveyed area containing flints and scattered debris. Both sites were thoroughly disturbed and noted to be very swampy, but deemed to have potential for culturally significant materials. The June 1976 survey was a Phase II investigation of the south lagoon area where artifacts had been found in the previous survey. Though nineteen artifacts were recovered, the site was determined to be severely disturbed and deemed not culturally significant. The July 1976 report summarized the findings of the Phase I and II surveys, noting that the artifacts recovered were likely moved by the scraping of topsoil from their original location, and therefore the sites did not have archeological integrity. No structures were found in any survey.
- A cultural resources survey was conducted for the NYSDOT PIN 3750.70 Morgan Road Project (New York State Museum, 1985). This survey area is located to the northwest of the Project site. No archeological sites were located, but 9 historic structures were found within the surveyed area. Of these structures, one (the Schroeppe House) is on the National Register of Historic Places and is therefore architecturally significant. No other structures were determined architecturally significant. The limits of this cultural resources survey extended beyond the limits of the one-mile-radius study area.
- Cultural resource investigations were undertaken for the Niagara Mohawk Power Corporation Clay-Teall #11 Euclid 115 kV Tap (Collamer & Associates, Inc., 1992). The surveys are located to the southwest of the Project site. The limits of this cultural resources survey extended beyond the limits of the one-mile-radius study area. A Phase IA survey indicated moderate to high sensitivity for prehistoric sites and one previously identified archeological site. The Phase IB survey conducted in July 1992 discovered three artifacts, believed to be scattered stray deposits that were not deemed culturally significant. A prehistoric site was noted outside of the survey area. No historic architectural structures are noted.
- Cultural resource surveys were undertaken for the Route 31 Realignment (New York State Museum, 1996, 1998). These surveys are located to the west of the Project site. The 1996 survey found no prehistoric cultural materials. Thirty-one map-documented structures were identified. Three historic sites were identified, each with partially exposed structural ruins and related cultural materials. All three historic sites were considered subject to potential impact from proposed construction. The 1998 survey was an addendum to the previous survey, and no additional architectural survey was conducted. No prehistoric

sites were discovered, but two historic sites were identified. One was associated with a site discovered in the previous survey. No further testing was recommended.

- Cultural resource surveys were conducted at the Vandenberg Site (New York State Museum, 2001, 2008). These surveys are located to the west of the Project site, and within the Route 31 Realignment survey area. The 2001 survey was a Phase II site examination that discovered 5,766 artifacts. Cultural material included ceramic tableware, glass, pipes, dolls and tools. The site was determined to be eligible for inclusion in the National Register of Historic Places under criterion D. The 2008 survey was a Phase III data recovery that included the excavation and analysis of 1,749 artifacts associated with the 140-year occupation of the house.
- A Phase I cultural resources survey was conducted for the Fairway East Extension Nos. 2 & 3 and Streamwood Townhouses Extension No. 1 (Columbia Heritage, Ltd., 2002). This survey is located to the southwest of the Project site. Aside from scattered surface debris, no archeological sites were found. Two structures were located within the survey area. Neither was determined to be architecturally significant. The limits of this cultural resources survey extended beyond the limits of the one-mile-radius study area.
- A cultural resources survey was conducted for the PIN 2002.05 Ashley Landing Subdivision (Regional Heritage Preservation Program, 2003). This surveyed area is located northwest of the Project site, and the limits of this cultural resources survey extended beyond the limits of the one-mile-radius study area. No archeological sites were discovered. No architectural survey was conducted.
- Cultural resource surveys were conducted for the Horseshoe Island Sewer Project (Hartgen Archeological Associates, Inc., 2002, 2003). These surveys are located to the northwest of the Project site. Phase IA and Phase IB cultural resource surveys were conducted in October 2002. No archeological sites or architecturally significant structures were noted. A Phase IB addendum survey was conducted in April 2003. No archeological sites were located. Two artifacts were found, and deemed random finds and not culturally significant.
- Phase IA and IB cultural resource surveys were conducted for the Metropolitan Water Board Terminal Reservoir Compliance Project (Fisher Associates, 2011). The survey area is located to the west of the Project site. Two prehistoric sites believed to be camps were discovered, and no historic structures were identified. Material uncovered during the Phase IB was scattered and not considered culturally significant.

2.5 History of the Project Site

Archives and repositories consulted during EDR's research for the Project included the collections of the Onondaga Historical Association in Syracuse, the Local History collection of the Central Branch of the Onondaga County Public Library, Ancestry.com and other on-line history resources, and EDR's in-house collection of reference materials. Sources reviewed for the Project included the *History of Onondaga County, New York* (Clayton, 1878), *Onondaga's*

Centennial (Bruce, 1896), and *Past and Present in Syracuse and Onondaga County, New York* (Beauchamp, 1908). Historic maps reviewed as part of the Phase 1 survey included the 1854 Fagan *Map of Onondaga County* (Figure 7), the 1860 Sweet *Map of Onondaga County* (Figure 8), the 1874 Sweet *Atlas of Onondaga County* (Figure 9), the 1889 Sweet *Atlas of Onondaga County* (Figure 10), the 1898 USGS *Syracuse, NY* topographic survey (Figure 11), and the 1943 USGS *Brewerton, NY* topographic survey (Figure 12). In addition, EDR conducted an interview with the President of the Clay Historical Association (Young, 2013) to inquire about two structures that are depicted on historic maps within the Project site (see below). Based on review of historic maps, the Project site is primarily located in Lots 27 and 39 of the original military township of Cicero. The proposed sewer line follows the route of Caughdenoy Road south from the Project site and then runs from east to west south of Route 31, parallel to the road, and turns north parallel to and east of Mud Creek (see Figure 3). Both Caughdenoy Road and NYS Route 31 are shown on all maps reviewed.

At the time of European contact and colonization in the eighteenth century, the Project site was located within the territory of the Onondaga Nation of the Iroquois Confederacy. During the Revolutionary War, the Onondaga were initially neutral, but ultimately fought with the British against the American colonists. Following the war, many relocated to the Six Nations Reserve in Canada and in 1788 the Onondaga ceded all their New York lands to the state except for a reservation in what would become Onondaga County (Schein, 1993). Onondaga County was formed in 1794 from Herkimer and Tioga Counties, and named after the Onondaga Indians (Rivette, 2005). The Project site is located in the present day Town of Clay, which was a meeting place and hunting ground for the Onondaga Iroquois. The present day Bear Road is allegedly named for the abundance of bears and game that were hunted by the Onondagas along this path, and Three Rivers Point is reported to have been the meeting place of various councils of the Iroquois Confederacy, and French and English explorers (Clay Historical Association, 1978). A series of Indian campsites has been documented on both shores of the Oneida River, along with eel weirs and traps of Onondaga and Oneida origin (Parker, 1922: 666-668). A site at Oak Orchard reefs is reported to be the location of a burial ground from an eighteenth century Indian massacre that has been extensively looted by artifact collectors (Bruce, 1896: 827; Clay Historical Association, 1978: 25).

The Town of Clay was originally part of the military township of Cicero. The New Military Tract was a 1.5 million-acre tract set aside by the state in 1782 for soldiers of the Revolutionary War (Rivette, 2005; Schein, 1993; Schein, 2005). The land was divided into 28 townships, each containing 100 lots of 600 acres in a uniform grid pattern. Although the land was set aside for veterans, many of them either neglected to claim their land or sold their land to speculators and the area was settled primarily by migrants from Connecticut, Massachusetts, Pennsylvania and eastern New York (Schein, 1993; Brownell, 2005). The military township of Cicero was originally part of the Town of Lysander, but became its own township in 1807. The Town of Clay was formed from Cicero in 1827, and comprised fifty lots of the

military township (Bruce, 1896). While two or three families are reported to have settled in the Town of Clay prior to 1791, Patrick McGee is historically referred to as the first white settler (Beauchamp, 1908). McGee first passed through the area as a British prisoner of war in 1780, reportedly impressed by the natural beauty present at Three Rivers Point. He returned to the area in 1791, and permanently located at Three Rivers Point in 1793, where he built the first log cabin in town. McGee also is said to have built the first frame house in the Town of Clay in 1808. Additional early settlers of note include Adam Coon in 1798 and Simeon Baker in 1799. No further noteworthy settlement occurred until 1807, when Joshua Kinne, Elijah Pinckney and John Lynn arrived in the area (Bruce, 1896).

The area population began to grow more significantly beginning in 1810 with the arrival of many new settlers, including the Young family, who came from Schoharie County near Albany, and built homes around the junction of Caughdenoy and Verplank Roads. Comprised initially of five brothers and three sisters, their Germanic language and customs led to the area surrounding their homes to be called “Dutch Settlement.” The settlement was later referred to as Young, and was home to the first post office in the Town of Clay. The Youngs organized a Lutheran congregation (the oldest Lutheran church in the county) in 1824, incorporating and building a church in 1833. Originally called Dutch Settlement Church, this location served them until 1915, when a new church was built to the south, in the village of Clay, and named Immanuel Lutheran Church (Clay Historical Association, 1978). This church still stands to the west of the Project site on Route 31. The area around the Project site had originally been named Cigarville, after several cigar manufactories located around the intersection of Caughdenoy Road and Route 31. While the first dominant industry in Clay was barrel making for the Syracuse salt trade and Oswego flour market, the abundance of tobacco farming likely contributed to the growth of cigar manufacturing near the Project site (Bruce, 1896; Rivette, 2005). By 1869, over 275,000 pounds of tobacco a year were harvested in the Town of Clay (Clay Historical Association, 1878).

The locations of map-documented structures (MDS) within the Project site are shown on Figures 3 (Sheet 2), 7-12, and 13. Information about these sites provided by historic map sources is summarized in Table 4.

Table 4. Summary of Map-Documented Structures within the Project Site.

MDS Site #	1854 Fagan Map (Figure 7)	1860 Sweet Map (Figure 8)	1874 Sweet Atlas (Figure 9)	1889 Sweet Atlas (Figure 10)	1898 USGS Survey (Figure 11)	1943 USGS Survey (Figure 12)
1	H. Summer	H. Summers	I. Van Vleck	I. Van Vleck	structure (not identified)	structure (not identified)
2	C. Mogg	W.H. Ostrander Cigar Mfg.	L. Freeman	L. Freeman	structure (not identified)	structure (not identified)

The 1854 Fagan *Map of Onondaga County* (see Figure 7) shows the location of roads and two farms within the Project site, which are attributed to H. Summer (MDS Site 1) and C. Mogg (MDS Site 2). The 1850 census lists a

Henry Summers (there is no listing for an “H.Summer” in the Town of Clay for that, or any other census reviewed) as a farmer, and C. Mogg as a lumberman (U.S. Census Bureau, 1850). Cigar manufactories are first noted on the 1860 *Sweet Map of Onondaga County* (see Figure 8), one within the Project area attributed to W.H. Ostrander (located at MDS Site 2, in the structure formerly attributed to C. Mogg) and the J.W. Coughtry Cigar Manufactory located just outside the Project boundary to the west. The occupation listed for Ostrander in the 1860 census is farmer, though a cigar manufacturer named William L. Coughtry is noted as living in that residence. A farm located along Caughdenoy Road and just outside the Project boundary is attributed to P.J. Young, and the 1860 census lists a Peter Young as a farmer (US Census Bureau, 1860). On the 1874 *Sweet Map of Onondaga County*, MDS Site 1 is identified as the I. Van Vleck residence, and MDS Site 2 is attributed to I. Freeman and no cigar manufactory noted (see Figure 9). The 1870 census lists Isaac Van Vleck and Irving Freeman as farmers in the Town of Clay (U.S. Census, 1870). The 1874 *Sweet map* is the first appearance of the name Cigarville at the present location of the hamlet of Clay, with a post office noted at the station of the Syracuse Northern railroad.

The Cigarville railroad station was built around 1871, following the opening of the Syracuse Northern railroad from Syracuse to Sandy Creek. The railroad right of way forms the northwest boundary of the Project site. Cigarville was one of three stations in the Town of Clay, with another located in Young. A post office was also located in Young, but closed as the settlement in Cigarville continued to grow. The post office at Cigarville opened in December of 1871, and its first postmaster was Jacob W. Coughtry of the J.W. Coughtry & Sons Cigar Manufacturers. Coughtry was appointed the postmaster again in 1889, following a four-year term in the position by William Cullings, who was another cigar manufacturer at Cigarville. Cullings' son Arthur was the fourth postmaster in 1894 and, previous to that, had formed a group of musicians called the Cigarville Band, who performed at churches and picnics in the area (Clay Historical Association, 1878).

The Syracuse Northern railroad was taken over by the Rome, Watertown & Ogdensburg Railroad in 1875, and the New York Central railroad obtained a perpetual lease of the line in 1891. The 1889 *Sweet Map of Onondaga County* still notes the railroad as the Syracuse Northern and also shows that the Coughtry cigar manufactory has relocated to a site along the railroad (Figure 10). Three properties between the railroad and Caughdenoy Road are attributed to John or Jacob W. Coughtry, one of which was known as the “bee hive” and provided a shelter to tobacco workers (Clay Historical Association, 1878). Within the Project site, MDS Sites 1 and 2 are still identified as the Van Vleck and Freeman properties, while the Young property (outside the Project site) is now owned by P. Schell, and no new structures noted. Peter Schell is listed in the 1880 census as a farmer, and the occupations of Van Vleck and Freeman are the same (U.S. Census Bureau, 1880). The 1898 USGS topographical map of Syracuse, New York does not show structures located at both MDS Sites 1 and 2, and does not depict any new structures located in the Project site. This is the last map reviewed to identify the area as Cigarville (Figure 11).

That year also marked the decline of Cigarville, as the estimated 75 to 100 Coughtry cigar workers went on strike, which lasted long enough to force the factory to close. Within five years, the building had burned. Attempts by some of the previous Coughtry workers to form a new cigar manufacturing business failed, leading to the end of the industry in Cigarville. The village was renamed Clay in 1903, after a petition by the J. Weller Kraut company for a name change to relieve confusion regarding mail delivery (Clay Historical Association, 1878). By the 1930s, sauerkraut production had come to dominate the area economy, with at least one factory located on the former site of the Coughtry cigar manufactory (Bogardus, 1933). The 1943 USGS topographic map of Brewerton, New York (Figure 12) shows MDS Sites 1 and 2 and a cluster of structures around the intersection of the railroad and Route 31. In 1943 the Project site remained agricultural and undeveloped, with no new structures built.

The character of the land in the Project site through the rest of the twentieth century remained relatively unchanged, with no new construction. Review of historical aerial photography of the Project site conducted as part of two previously prepared Environmental Site Assessments (ESAs; CS Consulting Engineers, Inc., 1991; C&S Engineers, Inc., 2004) indicates that agricultural use of the Project site continued through the 1970s, and that former fields began to take on a fallow appearance with significant vegetation growth during the 1980s and 1990s. In June 2004, a site walkover conducted as part of an ESA noted that a vacant, 40x35-foot, two-story house and 25-x40-foot three-car garage were located at MDS Site 2, with a septic tank and leach field located east of the house (C&S Engineers, Inc., 2004). The house and garage stood at MDS Site 2 until approximately 4-5 years ago, when the buildings were demolished and removed (Provo, 2012).

2.6 Existing Conditions

A reconnaissance-level field visit to the Project site and proposed sewer line route was conducted by a Registered Professional Archeologist on August 15, 2012. The site visit included observations and photography from public rights of way. A complete pedestrian survey of the Project site and proposed sewer line was conducted as part of the Phase 1 survey during June-July 2013. Existing conditions within the Project site are shown on Figure 3 and in photographs included in Appendix A (see Photographs 1-74). Observations of existing conditions within the Project site include the following:

- No named streams occur within the Project site, however the proposed sewer line crosses Shaver Creek (see Figure 3). Unnamed tributaries to Youngs Creek are located in the northern part of the Project site. Both Youngs Creek and Shaver Creek are tributaries to the Oneida River, which is the nearest major water feature and is located 0.5 mile northwest of the western end of the proposed sewer line. The northern terminus of proposed road improvements located at Mud Mill Road is adjacent to Youngs Creek.

- The Project site is relatively flat to gently sloping terrain and bordered by NYS Route 31 to the south and Caughdenoy Road to the west. The majority of the site has slopes that do not exceed 8%; steeper slopes are primarily confined to the linear esker feature in the eastern portion of the site and in isolated areas along the sewer line (see Figure 2).
- The Project site is characterized by large undeveloped areas of former farmland, as well as fallow fields, shrublands, wetlands and forested areas, all of which are in various stages of natural succession (Appendix A: Photographs 1-5). The CSX Railroad forms a portion of the northwestern boundary of the site (Photograph 6). A NYPA electric transmission line right-of-way crosses the northern portion of the Project site (Photographs 7-8).
- The former locations of two structures depicted on historic maps (or MDS) are located within the Project site on the east side of Caughdenoy Road (see MDS Sites 1 and 2 on Figure 3: Sheet 2). No standing structures are present at these sites and both sites are overgrown with vegetation (Photographs 9-10).

The only standing structure within the Project site is a mid-to-late-twentieth-century residence located at 8700 Caughdenoy Road (see Figure 3: Sheet 2; Appendix A: Photograph 11). The locations of structures immediately adjacent to the Project site are shown on Figure 3A. Photographs of these buildings are included in Appendix A (Photographs 12-23). Summary descriptions of these buildings are provided in Table 5.

Table 5. Buildings Within and Adjacent to the Project Site.

Address	Description	Photograph (see Appendix A)
8700 Caughdenoy Road (within the Project site)	Mid-to-late 20 th century two-story split-level ranch house with vinyl siding and windows.	11
8676 Caughdenoy Road	Front-gabled farm house ca. 1860 with vinyl siding and windows, detached modern garage.	12
8271 Caughdenoy Road (Jerome Fire Equipment Co., Inc.)	Late 20 th -century concrete block fire engine service center.	13
8725 Caughdenoy Road	Mid-20 th -century 1.5-story wood shingle-clad house with attached garage.	14
8617 Caughdenoy Road.	Late 20 th -century 1.5-story vinyl-clad house with attached garage.	15
8613 Caughdenoy Road	Late 20 th -century 1.5-story vinyl-clad house with attached garage.	15
8611 Caughdenoy Road.	Late 20 th -century split-level ranch house.	16
8607 Caughdenoy Road.	Late 20 th -century one-story ranch house with attached garage, clad in vinyl siding.	17
8603 Caughdenoy Road.	Late 20 th -century two-story ranch house with attached garage, clad in vinyl siding.	18
8587 Caughdenoy Road	Late 20 th -century one-story ranch house with attached garage, clad in wood shingles.	18
5064 NYS Route 31.	Late 19 th -century two-story house with mid-19 th century Greek Revival rear wing, with aluminum siding and replacement windows.	19

Address	Description	Photograph (see Appendix A)
5117 NYS Route 31.	Mid-to-late 20 th century one-story ranch house with aluminum siding.	20
5117 NYS Route 31, associated garage.	Late 20 th century concrete block garage.	21
5170 NYS Route 31.	Mid-19 th century Greek Revival farm house, with vinyl siding, and late 20 th century attached garage.	22
5170 NYS Route 31, associated barn.	Large, late 19 th century barn with wood clapboard siding, some original windows, and some replacement windows and door.	23

None of the buildings located immediately adjacent to the Project site appear to satisfy NRHP-eligibility criteria.

Both sides of Caughdenoy Road (adjacent to the Project site) are flanked by drainage ditches and utility markers indicate the presence of water, gas, and telecommunication lines (Photographs 6 and 24).

The route of the proposed sewer line runs south from the CSX railroad crossing along Caughdenoy Road, along the western perimeter of the Project site. Both sides of Caughdenoy Road are flanked by drainage ditches. Hydrants and gas line markers indicate the presence of buried utilities within the road shoulders (Photographs 25-31). South of NYS Route 31, the proposed sewer line follows the route of an existing water line westward from Caughdenoy Road to just east of Mud Creek. This portion of the proposed sewer line traverses areas that include active agricultural fields, as well as successional/shrubland areas and maintained lawns (Photographs 32-37). Approximately 300 feet east of Mud Creek, the proposed sewer line route turns north and runs parallel to Mud Creek to the Oak Orchard WWTP. This portion of the proposed sewer line traverses areas that include active agricultural fields, successional/shrubland areas, and forested areas (Photographs 38-40; 66-74).

3.0 ARCHEOLOGICAL SENSITIVITY ASSESSMENT

3.1 Prehistoric Native-American Archeological Sensitivity Assessment

As described in Section 2.2 of this report and shown on Figure 6, all of the previously identified Native American archeological sites located in the vicinity of the Project site are located along Mud Creek and/or the Oneida River. Archeological site inventories prepared in the early-twentieth century (e.g., Beauchamp, 1908; Parker, 1922) describe Native American sites located along the Oneida River, including a larger settlement (possibly a village) and burials in the vicinity of Oak Orchard. Historical sources and recent archeological survey reports state that Native American sites in Clay are typically located on sandy soils close to major waterways (Bruce, 1896:25-27; Fisher Associates, Inc., 2011; Kisselburgh, 1978; McDowell-Loudan, 1976a; Thompson, 1978). An unidentified historical source suggests that Caughdenoy Road follows the route of an Indian footpath (Horner, 1978:61).

The Project site includes approximately 11.41 acres of delineated wetlands and as described in Section 2.1 of this report, significant portions of the Project site are characterized by somewhat poorly drained soils. These areas should be considered as having a low potential for the presence of Native American archeological sites. However, an esker (a linear glacial landform) is located within the eastern portion of the Project site. As described previously, well-drained, elevated, sandy soils generally represent preferred locations for Native American archeological sites and use as burial sites within the Town of Clay (and central New York more generally). The area in the immediate vicinity of the esker (i.e., within approximately 200 feet) should be considered as having a higher relative potential for Native American archeological sites to be present. In addition, per consultation with NYSOPRHP staff, the areas along the margins of the wetlands within the Project site should be considered archeologically sensitive because they represent marginal/boundary areas between ecotones, which are typically high-resource areas favored by hunter-gatherers (i.e., prehistoric Native American populations; Perazio, 2012; EDR, 2013a; see Appendix B).

A portion of the route of the proposed sewer line runs east of, and generally parallel to, Mud Creek, and passes through the area of one previously reported Native American archeological site (NYSM Site 7311). The western terminus of the proposed sewer line route is also located in proximity to the known archeological sites in the vicinity of Oak Orchard. The portion of the proposed sewer line that runs parallel to Mud Creek should be considered as having a higher relative potential for Native American archeological sites to be present.

3.2 Historic Period Archeological Sensitivity Assessment

As described in Section 2.5 of this report, there are two farmstead and/or residential sites depicted within the Project site (both on the east side of Caughdenoy Road) on historic maps of the area from the mid-nineteenth through mid-twentieth centuries (Figures 7-12). Potential archeological resources associated with these sites could include

foundations, structural remains, artifact scatters, and other features, such as wells, privies, and cisterns. Areas located in the immediate vicinity (within approximately 200 feet) of the two MDS sites (see Figure 3) should be considered as having a high potential for the presence of historic-period archeological resources. The remaining portions of the Project site exhibit minimal (if any) likelihood for significant historic period archeological sites to be present.

3.3 Prior Ground Disturbance

Previous ground disturbance within the Project site is for the most part limited to previous agricultural activities. These types of activities, particularly plowing, are not considered significant in terms of their potential to affect the integrity of archeological resources (NYAC, 1994; NYSOPRHP, 2005). The NYPA transmission line right-of-way within the northern portion of the Project site is previously disturbed (associated with construction of the NYPA line during the 1960s). Additionally, some areas immediately adjacent to existing roads along the periphery of the Project site include drainage ditches, culverts, and buried utilities. With the exception of these areas, the Project site in general does not appear to have been subjected to significant previous disturbance.

The portion of the proposed sewer line route that is located parallel to Caughdenoy Road include previously disturbed areas, as evidenced by drainage ditches, hydrants, and buried utility markers. The portion of the proposed sewer line between Caughdenoy Road and the Oak Orchard WWTP is located within the right-of-way for an existing waterline; however, the proposed sewer line is intended to be installed within a new trench (i.e., it will not be installed within areas previously disturbed by installation of the water line).

To verify the locations of existing buried utilities and identify areas of previous disturbance, EDR placed a call with Dig Safely New York (DSNY) to request utility mark-outs prior to conducting the Phase 1 archeological survey fieldwork. The DSNY request was made on June 17, 2013 and utility mark outs were conducted by responders between June 17 and June 20, 2013. Utility mark-out responders included:

- Metropolitan Water Board (Water)
- National Grid / Central / Electric (Electric)
- National Grid / Central / Gas (Gas)
- Onondaga County Water Authority (Water)
- Verizon / Onondaga (Fiber-optic, Telephone)
- Buckeye Pipeline Company (Petroleum products pipeline)
- Elantic Telecom, Inc (Fiber-optic)
- Onondaga County / Department Of Water - Environment Protection (Drainage, Sewer)

- Time Warner Cable | Syracuse (Fiber-optic, Cable television)
- Town Of Clay (Highway, Culverts, Sewer, Water)
- NYS DoT Syracuse - Region #3 (Traffic Signals)
- Fiber Technologies, LLC (Fiber-optic)
- Metropolitan Water Board (Water)
- National Grid / Central / Electric (Electric)
- National Grid / Central / Gas (Gas)

As a component of the Phase 1 archeological survey fieldwork, the locations of all utility markers (such as pin flags or spray paint markings) were recorded by EDR personnel using GPS equipment with reported sub-meter accuracy and marked on field notes for later reporting (see Figure 13). In addition to utility mark-outs, existing ditches, paved surfaces, storm drains, fire hydrants, and other indications of previous disturbance were recorded with GPS and/or field notes. Representative depictions of previously disturbed areas and utility markings are shown in Appendix A: Photographs 68, 69, 71, 73, and 74. Areas previously disturbed by existing utilities are not considered archeologically sensitive.

4.0 PHASE 1 ARCHEOLOGICAL SURVEY

4.1 Phase 1 Archeological Survey Scope and Fieldwork Methods

As described in Section 1.3 of this report, the scope (or research design) for the Phase 1 archeological survey described herein was developed in consultation with NYSOPRHP as memorialized in correspondence included in Appendix B. As a result on discussion between EDR and NYSOPRHP regarding the appropriate scope for the Phase 1 survey (see Section 1.3 and Appendix B), NYSOPRHP recommended that an appropriate Phase 1 testing strategy for the Project site would be shovel testing (at 50-foot intervals, in most instances, in accordance with the *NYAC Standards*) in the following areas:

- a. The vicinity of the esker (see Section 2.1 and Figure 3).
- b. The areas around the two MDS depicted on historic maps (see Section 2.5 and 3.2). NYSOPRHP's 2005 *Phase 1 Archeological Report Format Requirements* indicate that shovel tests should be dug at 7.5 meter (25 foot) intervals in yard areas of standing or map-documented historic structures.
- c. Within all areas identified as "Buildable Areas" on CHA's "Existing Site Conditions" map (i.e., Figure 4), a 100-foot-wide strip along the edges of wetlands and wetland buffers. As described in Section 3.1, the areas along the margins of the wetlands within the Project site are considered archeologically sensitive because they represent marginal/boundary areas between ecotones, which are typically high-resource areas favored by hunter-gatherers (i.e., prehistoric Native American populations; Perazio, 2012; EDR, 2013; see Appendix B). In these areas shovel tests should be excavated in three parallel transects at 50-foot intervals (along the edge of the wetland/wetland buffer boundary, 50 feet perpendicular to the wetland/wetland buffer boundary, and 100 feet from the wetland/wetland buffer boundary).
- d. Other than these areas, NYSOPRHP recommended that Phase 1 testing would not be necessary in the remaining portions of the 355-acre project site.

EDR and NYSOPRHP agreed to eliminate the vicinity of 'Wetland D' (see Figure 4) from the areas requiring archeological testing. Wetland D is a very low quality wetland that consists of a low relief swale with invasive vegetation that runs through a successional field. It was observed that this wetland was until very recently actively farmed and that if farming was ongoing now there would be no wetland there. Wetland D is unlike the other wetlands on-site, which in general include well defined water courses and more distinct boundaries between wetland and upland areas (TES, 2012). On May 6, 2013, Philip Perazio sent an email to EDR stating NYSOPRHP's concurrence that the vicinity of Wetland D did not need to be included in the Phase 1 archeological survey (Perazio, 2013a; see Appendix B).

EDR employed shovel test pits as the principal archeological survey method for the Phase 1 archeological survey of the Project site. In addition, pedestrian surface survey was conducted along a short portion of the proposed sewer line located within a plowed agricultural field. Shovel tests were approximately 12-20 inches (30-50 cm) in diameter and excavated at least 4 inches (10 cm) into the subsoil stratum or to the limits of practical hand excavation. EDR recorded the locations of all shovel tests with survey-grade GPS equipment with reported sub-meter accuracy, while also noting shovel test locations on field maps.

Stratigraphic profiles, including excavated depth, soil color, and texture, for all shovel tests were recorded on standardized field record sheets (see Appendices C and D). During the course of the Phase 1 fieldwork, EDR consulted with NYSOPRHP regarding the presentation of the stratigraphic profiles within this report. EDR noted that the majority of shovel tests within the Project site did not include cultural materials and proposed that only a sample of the shovel test stratigraphic profiles be included in tabular format within the report. EDR proposed that a 10% sample of the shovel tests, as well as all the shovel tests located in the vicinity of the MDS sites within the Project site, be included in tabular format in the report. NYSOPRHP concurred with this proposal (Perazio, 2013b; see Appendix B). Accordingly, stratigraphic profiles from a representative sample of shovel tests are included in tabular format in Appendix C of this report. Scanned copies of all shovel test records are included in digital format as a PDF included on a CD as Appendix D of this report.

EDR personnel organized shovel testing within the various areas of the Project site as follows:

- *Wetland Margin Areas and Esker:* EDR organized shovel testing of the margin areas around wetlands (including the esker) within the Project site according to the buildable areas designated by CHA on Figure 4 (i.e., Buildable Areas 1-6) and were labeled accordingly by EDR for fieldwork and reporting purposes (Figure 13: Sheets 1-3). In accordance with *NYAC Standards* (1994) as recommended for use by NYSOPRHP, shovel tests within these areas were completed at a 50-foot interval along three transects (with each transect spaced 50 feet apart) that followed the boundaries of delineated wetland areas within the Project site (see Figure 13). EDR designated shovel tests in these areas with a trinomial designation consisting of the Buildable Area number (i.e., Buildable Areas 1-6), followed by a transect number (1, 2, or 3), and sequential shovel test number within each transect (e.g. shovel tests 1.1.01, 1.1.02; etc.).
- *MDS Sites 1 and 2:* In addition to testing the margins of wetland areas within the Project site, EDR also completed archeological surveys of two map documented structure (MDS) sites that were identified in the Phase 1A report for the Project. Both MDS sites are located on Caughdenoy Road, along the western margin of the Project site, and contain the remains of former structures detailed on mid-nineteenth to late

twentieth century period maps and historic aerial imagery (Figures 7-12, 15, 16). Shovel tests within MDS areas were excavated at variable 25-foot or 50-foot intervals, with the closer interval testing conducted in the vicinity of assumed structure locations that were not readily apparent based on foundation remains or other indications (see Section 4.3 of this report, below). Each potential archeological site area was designated with a letter (e.g., “A”, “B”, “C”). In these areas, shovel tests were designated with the letter assigned to that potential site area, followed by grid coordinates indicating distances in feet north and east from an arbitrary site datum (e.g., “B.N100-E100”, “C.N150-E150”, etc.; see Figures 14 and 15).

- *Sewer Line Route*: EDR also completed shovel testing and pedestrian survey of the proposed route of the sewer line that will connect the proposed business park with the nearby Oak Orchard WWTP. In this portion of the Project site, shovel tests followed the center line of the sewer route and were placed at a 50 foot interval along a single transect (see Figure 13: Sheets 3-6). Shovel tests along the sewer line route were designated U1 (i.e., utility line 1) followed by a sequential shovel test number (e.g. shovel tests U1.01, U1.02, etc.).

All soils excavated from shovel tests were screened through 0.25-inch hardware cloth. The presence of clearly modern and recent materials, such as plastic & glass bottle fragments or mid- to late twentieth-century architectural materials, in shovel tests was noted on field forms but these materials were typically not collected for subsequent analysis. If prehistoric Native American and/or potentially significant historic-period artifacts were recovered from a shovel test, EDR archeologists excavated additional “radial” shovel tests per the NYSOPRHP’s *Phase 1 Archeological Report Format Requirements* (NYSOPRHP, 2005) in cardinal directions around the original find. The NYSOPRHP guidance indicates when prehistoric Native American artifacts are recovered from an isolated shovel test, then up to eight additional shovel tests will need to be excavated around the original shovel test to determine whether the artifacts represent an isolated find or may indicate the presence of a more substantial archeological site. The additional shovel tests should be excavated at one-meter and three-meter intervals in the cardinal directions (or as appropriate based on the project configuration) around the original shovel test.

Artifacts recovered from shovel tests were placed in plastic bags labeled with standard archeological information, including location and provenience information. Following completion of fieldwork, all recovered materials were washed, identified, inventoried, and re-bagged in labeled and clean 4-mil archival quality plastic bags. All artifacts recovered were then identified and described based on material type and standard descriptive characteristics and included in an artifact inventory (see Appendix E). Photographs of representative artifacts recovered from archeological sites are included in Appendix A (Photographs 98-112).

4.2 Phase 1 Archeological Survey Fieldwork Results

EDR conducted the Phase 1 archeological survey fieldwork for the Project between May 29 and July 10, 2013. Fieldwork was conducted under the direct supervision of Arron Kottensky, Senior Archeologist with EDR and a Registered Professional Archeologist (RPA), assisted by Diane Bonn, Sam Holmes, and Fran McCormick (Archeological Field Assistants) and Eric Lockard and Connor Liddell (GPS Technicians), with Patrick Heaton (Project Manager, RPA) providing oversight for all of the fieldwork. Photographs of representative conditions encountered during the Phase 1 survey are included in Appendix A (Photographs 42-74).

EDR personnel excavated 1,414 shovel tests (in total) during the course of the Phase 1 survey. Within the proposed business park site, EDR completed a total of 1,095 shovel tests (see Figure 13: Sheets 1-3). These included 959 shovel tests located in the margin areas around previously delineated wetlands and/or the vicinity of the esker located on site. EDR also conducted archeological investigations of two MDS sites (Caughdenoy Road MDS 1 & MDS 2; see Section 4.3, below, and Appendix E) that were identified in the Phase 1A report (EDR, 2012; see Sections 2.5 and 3.2, above). EDR completed a total of 136 shovel tests at both sites (including 51 shovel tests at MDS 1 and 85 shovel tests at MDS 2). In addition, EDR excavated 319 shovel tests and an approximately 600-foot (183-meter) long segment of pedestrian survey in a cultivated field along the proposed route of the sewer line (Figure 13; Sheets 3-6). A summary of the level of effort for the Phase 1 survey is presented in Table 6.

Table 6. Phase 1 Archeological Testing Summary

Archeological Survey Area	Shovel Tests	Comments/ Artifacts Recovered	Archeological Sites Identified	Photographs (Appendix A)
1	1.1.01–1.1.101 1.2.01–1.2.105 1.3.01–1.3.105 A1–A4	Shovel tests 1.1.18, 1.1.22, 1.1.37, 1.1.45 - historic/modern materials recovered; Potential feature A (mound of stones), Shovel tests A1–A4, no artifacts recovered	None	42-46
2	2.1.01–2.1.36 2.2.01–2.2.34 2.3.01–2.3.38	Shovel tests 2.2.17 and 2.3.18 – historic/modern materials recovered	None	47-51
3	3.1.01–3.1.65 3.2.01–3.2.62 3.3.01–3.3.55	Shovel tests 3.1.22 and 3.1.65 - historic/modern materials recovered	None	52-54
4	4.1.01–4.1.43 4.2.01–4.2.34 4.3.01–4.3.30	No cultural materials recovered	None	55-58
5	5.1.01–5.1.74 5.2.01–5.2.58 5.3.01–5.3.52	Shovel test 5.1.23 - historic/modern materials recovered	None	59-62
6	6.1.01–6.1.26 6.2.01–6.2.20 6.3.01–6.3.17	No materials recovered	None	63-65
Sewer line	U1.01–U1.313	U1.30, U1.66, U1.88 - Historic/modern materials recovered	None	66-74

Archeological Survey Area	Shovel Tests	Comments/ Artifacts Recovered	Archeological Sites Identified	Photographs (Appendix A)
Caughdenoy Road MDS 1 Site;	51 shovel tests	Features B1-B4 10 positive shovel tests – Historic/modern materials recovered	Caughdenoy Road MDS 1 Site	75-78; 82-87
Caughdenoy Road MDS 2 Site;	85 shovel tests	Features C1-C8 6 positive shovel tests – Historic/modern materials recovered	Caughdenoy Road MDS 1 Site	79-81; 88-96

Shovel tests typically ranged in depth from approximately 20 to 45 cm (8-18 in) below ground surface (bgs). Observed soils were relatively uniform across the Project site and strongly suggest intensive previous cultivation in several areas (Buildable Area 3, in particular). Soil profiles typically included an upper stratum of uniform, dark grayish brown to brown silt loam with trace pebbles or cobbles, with typical depths ranging between 25 and 35 cm (9-14 in) bgs. These uppermost soils frequently displayed characteristics of a distinct plowzone (uniformity with a lack of pebbles/cobbles) and were underlain by distinct dark yellowish brown to yellowish brown silt loam to silty clay, with trace pebbles and cobbles. The subsoil observed in several shovel tests contained evidence of recent hydric conditions, including immediate water percolation and reduction-oxidation (“redox”) indicators. Relatively few larger cobbles or boulders were encountered in shovel tests within the Project site (see Appendices C and D).

Apart from the results of EDR’s intensive archeological surveys of the Caughdenoy Road MDS 1 and MDS 2 sites (discussed in detail in Section 4.3, below), the archeological survey of the Project site did not identify any additional archeological sites, prehistoric or historic. Potential archeological features were observed in two areas (other than the Caughdenoy Road MDS 1 and 2 sites). In both cases, the fieldwork conducted for the Phase 1 survey was sufficient to determine that these areas did not warrant further consideration as archeological resources. These areas are described below:

- In Buildable Area 1, EDR personnel encountered a roughly rectilinear mound or pile of field stones flanked by large, mature hardwood trees in proximity to shovel test 1.1.71. This area was designated as potential archeological site “A” (see Figure 13: Sheet 3). To determine whether this mound of fieldstones represented an archeological site, EDR personnel excavated four shovel tests (A1 through A4) around the perimeter of the mound of fieldstones. No artifacts were recovered from these four shovel tests. Additionally, EDR personnel completed a pedestrian reconnaissance of the immediate area and observed no additional evidence of a possible structure or other identifiable archeological feature. Given the extended use of the property for agricultural activities, the assemblage of field stones and mature hardwood trees may represent a pile of fieldstone removed from cultivated fields and/or a cluster of shade trees in a former pasture area. Historic aerial imagery, dating from 1956 and 1972 (Figures 16 and 17), depict a darker shaded area in this

area, suggesting that the small copse of trees that remain standing were present historically. No structural footprint or other clear indication of an archeological feature is evident in either image. Based on the results of the Phase 1 survey, EDR determined that the mound of fieldstones did not represent an archeological site.

- Along the route of the proposed sewer line, EDR personnel recovered three (3) mid-nineteenth to early twentieth century domestic site-related artifacts (including a likely fragment of plaster, undecorated white-ware, and a fragment of clear vessel glass) from shovel test U1.30 (see Appendix D: Artifact Inventory; Figure 13: Sheet 4). To determine whether these finds indicated the possible presence of a historic-period archeological site, EDR completed an additional six shovel tests at cardinal directions around shovel test U1.30, to the northwest, north, northeast, west, east, and south at a 25 foot (7.5 m) intervals (areas located southwest and southeast of shovel test U1.30 were heavily disturbed by recent ATV traffic along an unimproved road surface so no shovel tests were excavated at these locations). No additional artifacts were recovered from these shovel tests. In addition to the radial shovel tests, EDR personnel completed a pedestrian reconnaissance in the area of shovel test U1.30 but observed no evidence of obvious structural remains (e.g., foundation masonry, depressions, shaft features). Historic maps (Figures 7-12) do not depict any historic structures in the vicinity of shovel test U1.30. The recovered artifacts likely represent agricultural field scatter and are not considered archeologically significant.

No shovel tests were excavated in areas previously disturbed by existing utilities. The results of the utility mark outs (and results of shovel testing in some areas) indicate that many segments of the proposed sewer line are located in previously disturbed areas (see Figure 13: Sheets 3-6, and Appendix A: Photographs 69, 70, 72).

4.3 Identified Archeological Sites

EDR recovered 214 artifacts from shovel tests during the Phase 1 survey (see Appendix E). No prehistoric Native American artifacts were recovered from any shovel tests during the Phase 1 survey. As described above, when modern artifacts were observed in shovel tests their presence was noted but they were not typically collected for further analysis. Historic-period artifacts recovered during the Phase 1 survey are enumerated in Appendix D. Concentrations of artifacts that warrant consideration as archeological sites were identified in two areas (the Caughdenoy Road MDS 1 site and the Caughdenoy Road MDS 2 site) within the Project site, which are each treated in further detail below.

Caughdenoy Road MDS 1

Site Location

Caughdenoy Road MDS 1 is located within an overgrown area that includes forest and successional vegetation located along the east side of Caughdenoy Road, approximately 2,650 feet north of the intersection with NYS Route 31 (Figure 13: Sheet 2 and Figure 14). The site is bounded on the west by a portion of Caughdenoy Road and on the south by a hedgerow that runs perpendicular to Caughdenoy Road. The area east of the site is forested wetland and area north of the site is open agricultural fields.

Historical Documentation

As described in Section 2.5, Caughdenoy Road MDS 1 is first identified in the 1854 Fagan *Map of Onondaga County* (see Figure 7), which identifies a structure in this location as being occupied by “H. Summer”, who is likely the “Henry Summers” listed in the 1850 U.S. census (U.S. Census Bureau, 1850) within the Town of Clay. H. Summers is also listed as the resident of this location in the 1860 Sweet *Map of Onondaga County* (see Figure 8). Henry Summers was a farmer who lived in the Town of Clay from at least 1850 to 1880. Summers was a white farmer born in New York state in 1814 (date of death unknown), eventually marrying Mary Summers (maiden name unknown), with whom he had at least one child, David N. Summers.

The 1874 and 1889 maps (see Figures 9 and 10) identify “I. Van Vleck” as the owner or occupant of MDS 1. Isaac Van Vleck is identified in the 1870 census as a farmer in the Town of Clay. Isaac Van Vleck was born in 1821, possibly in the Town of Salina, to Abraham and Helen Van Vleck. In 1850 Isaac was working as a salt merchant and may have married his wife by this point in time, but by 1860 had become a farmer like his father. At this point, two generations of the Van Vleck family were living together in the Town of Schroepel, in Oswego County. Isaac, his father, his apparent wife, and their children are listed in the 1870 census as living in the Town of Clay, so the property in question may have been acquired by this point in time (especially considering it is listed in the 1874 Sweet map as belonging to Van Vleck). Given that both Henry Summers and Isaac Van Vleck were identified as farmers in census records and that the physical extent of Caughdenoy Road MDS 1 is relatively limited and appears to have contained with no more than a couple of primary structures, it is reasonable to conclude that this property was used strictly for residential and agricultural purposes.

Aerial photographs of the site from 1956 and 1972 show two or three structures standing at the site (Figures 16 and 17). As noted in the Phase 1A report prepared for the Project (EDR, 2012), an Environmental Site Assessment (ESA) was conducted for this parcel in June of 2004. The ESA noted that a vacant, 40 foot by 35 foot, two-story detached dwelling and 25 foot by 40 foot three-car garage remained standing within the site, with a septic tank and leach field

located east of the house (C&S Engineers, Inc., 2004). The house and garage stood at Caughdenoy Road MDS Site 1 until approximately four to five years ago, when the buildings were demolished and removed (Provo, 2012).

Archaeological Reconnaissance and Testing

Archeological survey conducted at the site included a pedestrian reconnaissance and shovel testing. The pedestrian reconnaissance served to identify readily apparent foundation remains and establish preliminary site boundaries (based on foundation remains, vegetation patterns, and other observed surface conditions). The western portion of the site appears to be a formerly open yard that is in the process of being overgrown with successional vegetation (Photographs 75-76). The eastern portion of the site is overgrown with better established (estimated at 30-40 years) successional forest vegetation. Several older hardwood trees (probable shade trees) and areas of shrubby, ornamental vegetation in the western part of the site suggest the former presence of a house and yard, including two Norway spruce, a large, senescent maple, a dwarf white spruce, and multi-flora rose to the south of the Norway spruce and maple trees mentioned above (see Figure 14). Other ornamental and non-native vegetation in the vicinity of the former house site include garlic, mint, day lilies, cherry trees, white birch, and extensive raspberry bushes and wild grapevines, suggesting a mix of domestic gardening and permaculture around the site. Weed vegetation, coupled with hummocky ground surface with bare sub soil and crushed stone, indicates that the former site of the house (in the center of the open yard area) is significantly disturbed. The eastern edge of the former open yard area is defined by a series of berms (or push-piles) that run north-south along the eastern edge of the yard. Surface materials and artifacts recovered from shovel tests in this area included a mixture of modern and recent domestic and architectural debris dating from the nineteenth century through the mid-to-late twentieth century (see below). Conversations with current residents in the area suggest that the house and possible garage remained standing until four or five years ago, at which point they were demolished, which accounts for the well-disturbed soils and push piles (Provo, 2012).

In total, 51 shovel tests were excavated at the site. Shovel testing was performed across the site in a grid pattern, at 50 foot (approximately 15 m) intervals running east from Caughdenoy Road to the western edge of the site (see Figure 14). Shovel tests were designated with a "B" followed by grid coordinates that referenced each shovel test's distance (in feet) from a site datum (B.N100-E000), which was located at the southwestern most point of the designated site survey area. The northernmost transect of shovel tests began at B.N400-E000, 300 feet (91 m) north of the site datum, and the easternmost shovel tests were dug at B.N100-E350 and B.N150-E350. Additional shovel tests were completed at 25 foot (7.5 m) intervals in the vicinity of observed foundation remains and the presumed former location of the house (see Figure 14). These included five additional shovel tests in the vicinity of the former house site (shovel tests B.N200-E075, B.N225-E050, B.N225-E075, B.N225-E100, and B.N250-E075) and seven

additional shovel tests (B.N125-E100, B.N125-E125, B.N125-E150, B.N150-E125, B.N175-E100, B.N175-E125, and B.N175-E150) in the former yard area around the garage foundation (Feature B1, see below).

Across the site, most shovel tests revealed a surface layer of soil characterized by a medium-dark yellow-brown silt-clay loam, changing to a subsoil starting around 8 to 14 inches (20 to 35 cm) in depth, characterized by dark yellow clay loam with higher moisture content. This pattern only deviated in shovel tests either in the vicinity of Feature B1 and within the area of the presumed house site, particularly shovel tests B.N200-E050, B.N200-E100, B.N225-E050, B.N225-E075, and B.N250-E075, all of which were characterized by heavily disturbed soils and all of which yielded artifacts (except for shovel test B.N225-E050). These shovel tests lacked intact topsoil and generally exhibited soils characterized by compact, mixed silt loam and silt clay loam that included gravel/crushed stone, concrete, rock, structural timbers and debris, charcoal/burnt materials, architectural hardware (nails) and fragments of flat glass. The disturbed soils observed in these shovel tests generally represent the location and immediate vicinity of the former house that was demolished at the site ca. 2007-2008 (Provo, 2012).

Archeological Features

The Caughdenoy Road MDS 1 site contains the probable remnants of a house, garage, barn, silo, and well (see Figure 14). The site of the former house, located generally southeast of the remnants of an asphalt driveway intersecting Caughdenoy Road between B.N175-N225 and B.E50-E100 (within the site grid), is characterized by a slightly higher elevation than the area around it (Photographs 75-76). The ground within the house site is marked by several hummocks with depressions, tall weeds and grassy vegetation, and disturbed soils to 80 cm (32 in), which were encountered in shovel tests along the B.N200 and B.N225 transects. No indications of an intact foundation were observed. The surface conditions and soils observed in shovel tests are consistent with a local resident's information that the house was demolished and the site bulldozed within the past few years (Provo, 2012). A structure (presumably the house) is also shown in this general location on aerial photographs from 1956 and 1972 (Figures 16 and 17)

Four extant features were identified through pedestrian survey and shovel testing around Caughdenoy Road MDS 1 during the archeological survey, including a well, two foundations (that appear to represent a garage and a barn), and the circular foundation of a silo (see Figure 14). These features are described as follows:

- **Feature B1** is a rectilinear, poured concrete foundation (Photograph 77), that measures approximately 30 feet (9.1 m) east-west by 12 feet (3.7 m) north-south. The walls of the foundation are about 9 inches (23 cm) wide, rising to 10 inches (25 cm) above the grade of the surrounding area, and are marked by steel anchor bolts that rise vertically from the lip of the foundation, likely intended to fix the walls of the structure to the

foundation. The interior of the foundation is recessed vertically to about four inches (10 cm) below the top of the wall. Within the exterior perimeter walls, a thin layer of organic material (primarily leaf litter) overlays a concrete floor. The feature is located between B.N125 and B.N150 feet between B.E100 and B.E150 (see Figure 14). Given the size and orientation of the feature, its proximity to the presumed house site, and its apparent recent (mid-twentieth-century) origin it most likely represents a modern garage/carport structure. A structure is shown in this approximate location on an aerial photograph from 1956 (Figure 16).

- **Feature B2** is a circular poured concrete foundation (Photograph 78) that is approximately 14 feet (4.3 m) in diameter. The concrete lip of the foundation is about one foot (30 cm) wide, rising to 8 inches (20 cm) above the grade of the surrounding area. The foundation and the surrounding area are largely overgrown with weeds, grapevines, and poison ivy. Given its shape, dimensions, and proximity to a possible barn structure (see Feature B3), it appears to represent the base of an agricultural silo. The feature is located near the far northeastern extent of the site, between B.E200 and B.E250 and between B.N425 and B.N450.
- **Feature B3** is comprised of fieldstone wall segments—some of which are capped with poured concrete—that form a rectangular space oriented approximately north-to-south and east-to-west with an extended eastern wall (Photographs 79-80). The northern and southern wall segments of the foundation measure roughly 18 feet (5.5 m) in length, the western wall segment measures approximately 23 feet (7 m), and the eastern wall segment measure approximately 46 feet (14m). The feature is located between approximately B.N375 and B.N425 and between B.E175 and B.E225. The northern end of the extended eastern wall segment is about 15 feet (4.6 m) south and 10 feet (3 m) west of Feature B2 (i.e., the silo foundation). The area east and northeast of the Feature B3 is depressed, open, and overgrown with weed grasses, suggesting the interior space of a former barn structure, likely measuring at least 50 feet by 50 feet (15.2 m x 15.2 m). Given the past agricultural use of the property as well as the feature's shape, dimensions, and proximity to an apparent silo foundation, Feature B3 appears to represent a the foundation of a stock barn. A structure is shown in this approximate location on aerial photographs from 1956 and 1972 (Figures 16 and 17).
- **Feature B4** is a 5 foot by 5 foot (1.5 m x 1.5 m), square, concrete block shaft capped by a rusted sheet of corrugated metal roofing or siding (Photograph 81). The feature appears to represent a well or cistern - the feature's depth could not be determined. Feature B4 is located approximately at B.E150 feet between B.N200 and B.N225, approximately midway between the former house site and barn foundation (i.e., Feature B3).

Artifacts

In total, 71 artifacts were recovered from 10 shovel tests at the site (see Appendix E and Table 7, below). Almost all of the artifacts recovered from the site were from shovel tests located in the immediate vicinity of either Feature B1 (the garage foundation) or the former house site.

Table 7. Summary of Artifacts Recovered at Caughdenoy Road MDS 1.

Shovel Test	Stratum	Depth	Count	Description	Date Range
B.N100-E350	1	0-48 cm	3	nails and wire (architectural); ferrous	19th-20th cent.
B.N175-E100	1	0-25 cm	4	coal ash (3), plastic (1)	unknown/modern
B.N200-E050	2	62-82 cm	1	nail (architectural); ferrous	19th-20th cent.
B.N200-E100	1	0-82 cm	31	roof tile (1), brick (1), nails (7), metal—bullet casing (1), ceramic (14—6 terracotta, 8 white ware), glass (7, vessel & flat)	var.
B.N200-E150	1	0-34 cm	3	white ware (1), nails (2)	19th-20th cent.
B.N225-E075	2	42-64 cm	17	nails (2), metal chain (1), flat/window glass (14)	19th-20th cent.
B.N250-E075	2	40-60 cm	4	bone (3), flat/window glass (1)	unknown
B.N250-E100	2	20-30 cm	1	bone (animal); cut	unknown
B.N250-E200	1	0-35 cm	6	misc. metal (4), ceramic (1), glass (1—food, serving)	19th-20th cent.
B.N350-E050	2	25-75 cm	1	ceramic (1—decorative tile)	unknown
			71	Total Artifacts—MDS 1 (10 total positive STPs)	

The majority of recovered artifacts were ceramic, glass, and metal, including white earthenware, flower pot terracotta, architectural metal/hardware (primarily wire nails), flat/window glass with smaller quantities of serving/vessel glassware fragments, and miscellaneous/unidentified metal fragments (Photographs 98-103). A few bone fragments were recovered, including one piece of cut bone, several pieces of coal ash, one piece of plastic, one .22 caliber cartridge, a fragment of roof tile, and one decorative ceramic tile fragment. No prehistoric artifacts were recovered during the survey of the site. Artifacts recovered from the site date between the second half of the nineteenth century and the mid-to-late twentieth century.

In addition, as described above there is a series of push-piles located east of the former house site, located between approximately B.N200 and B.N300 and between B.E175 and B.E225 (see Figure 14). Scattered piles of domestic refuse are distributed on the ground surface across and around these push piles. This refuse includes metal buckets, paint cans, metal drums/barrels, box-springs, metal hardware (bolts, rods, and cables), agricultural implements, automobile/truck parts, rubber tires, concrete blocks/fragments, butchered bone fragments, canning and mason jars, stoneware crocks, plastic jugs/bottles, and glass bottles ((Photograph 82)). None of these materials were collected for further analysis. In general, the dates of the materials included in this scattered rubbish are consistent with the assumed abandonment of the property, i.e., during the mid to late twentieth century.

Taken together, the artifact assemblage recovered from and observed at the site is indicative of a domestic habitation

spanning the map documented dates of occupation of the site and does not suggest an earlier, unrecorded occupation of the site or alternative uses of the site that were not recorded by either period maps or other consulted historical records. The locations of foundation remains at the site are generally consistent with what appear to be structures on aerial photographs of the site from 1956 and 1972 (Figures 16 and 17). Based on the terminal dating of the artifact assemblage, the site may have been abandoned as early as the 1960s or 1970s.

Caughdenoy Road MDS 2

Site Location

Caughdenoy Road MDS 2 is located within an overgrown forested area on the east side of Caughdenoy Road, approximately 1,150 feet north of NYS Route 31. The area intensively surveyed around this site measured approximately 350 feet (107m) east to west by 450 feet (137 m) north to south (Figure 13: Sheet 3 and Figure 15).

Historical Documentation

The Caughdenoy Road MDS 2 site is first identified in the 1854 Fagan *Map of Onondaga County* (see Figure 6), which identifies a structure in the location of MDS 2 as belonging to a C. Mogg. This would appear to be Cornelius Mogg, who is listed in the 1850 census as a resident of the Town of Clay and a carpenter born in 1821 (U.S. Census Bureau, 1850). At that time, Cornelius was married to a Corina Mogg. Between the 1850, 1860, and 1870 censuses, her name is spelled Corina, Lavina, and Lovina respectively, though it appears to be the same individual (U.S. Census Bureau, 1850, 1860, 1870). Together they had three sons: Levi, born in 1849; Curtis, born in 1854; and Elmer, born in 1861. Cornelius Mogg remained more or less in the same line of work, listed as a lumberman in the 1860 census and then as a farmer in the 1870 U.S. Census. By 1860, however, the site had become the property of a W. H. Ostrander, who is identified as the owner in the 1860 Sweet *Map of Onondaga County* (Figure 7), which also identifies the site as the location of a cigar manufactory.

Sometime between 1850 and 1860, William H. Ostrander moved from the Town of Danube in Herkimer County to the Town of Clay with his wife Arian (who was just a year or less younger than William) and their young son, Henry. It is unclear if Henry, born in 1849, lived past the age of 11—he is not listed in the 1860, 1870, or 1880 censuses. It appears that the Ostrandors took on several boarders over the years; however, these primarily included farm laborers, presumably working on the Ostrandors' lands, but also extended family (such as William's brother Orlando, sister-in-law Judeth, nephew Harry, and aunt Polly Diefendorf, all listed as part of the Ostrander household in the 1880 census), and also a couple of cigarmakers. Though the 1860 census lists W. H. Ostrander's occupation as a farmer (which was William's listed occupation in every census recovered), it also identifies a cigar manufacturer named William L. Coughtry as living in that residence (U.S. Census Bureau, 1860). William L. Coughtry was likely related to Jacob W. Coughtry, who owned the J. W. Coughtry & Sons Cigar Manufacturers. However, after the 1860

census, no trace of William L. Coughtry could be found in the Town of Clay. As described in Section 2.5, cigar manufacturing became a prominent industry in Clay in the latter half of the nineteenth century and the crossroads hamlet located along the Rome, Watertown & Ogdensburg Railroad west of the Project site was known as Cigarville¹. By 1889, the Coughtry cigar manufactory had relocated to a site in Cigarville (see Figure 10).

By 1874 Caughdenoy Road MDS 2 was identified as the property and/or residence of I. Freeman (see Figure 9). This is most likely the Irving Freeman listed in the 1870 census as a farmer in the Town of Clay (U.S. Census Bureau, 1870). Freeman is the last identified property owner on this site, listed in the 1889 *Sweet Map of Onondaga County* (see Figure 9). According to census records, Irving Freeman first appears as a resident of the Town of Clay in 1870 as (a very likely misspelled) “Ervira” Freeman, living with Henry and Margaret Brown, then ages 56 and 48. In 1870, “Ervira” was listed as being 14 years of age, meaning that if the Caughdenoy Road MDS 2 property belonged to him in 1874, then he was no more than 18 years old at the time. It is unclear what the relation was between Irving Freeman and the Browns, if there were any—the Browns did not have any natural children listed as living with them in 1870, and no other conclusive records of the Browns can be found at this time. It is likely that Irving taken in as a boarder and a hired hand. The 1870 census also lists a 22 year-old farmer named Charles Young and a 17 year-old schoolteacher named Mary McCulloch living in the Brown household.

Irving was listed as a farmer and a member of the Brown household in the 1880 census as well, along with Irving’s wife Rose and a slightly older (28 year-old), unrelated individual named Barker Rhodes, then listed as a telegraph operator. If Irving Freeman was still the owner of the property at MDS 2 at this point in time, then that would suggest that the Browns had also been living there for at least as long. Regardless, in 1900 Irving Freeman was listed as the head of the household, living with his wife Rose and Margaret Brown. By this point in time, Henry Brown may have passed away and Irving was working as a canal superintendent. The 1910 census no longer lists Margaret Brown as a part of the Freeman household, but it does include a Florence Freeman, listed as the daughter of Rose and Irving—who is then listed as a State Official. Finally, in 1920, the Freeman household included Irving, then a County Sheriff, Rose, their daughter Florence (now having taken the name Edgren), and her husband, a bookkeeper named Edward Edgren (USCB, 1900, 1910, 1920). Irving died in 1934.

Aerial photographs of the site from 1956 and 1972 show three or four structures standing at the site (Figures 16 and 17). According to EDR’s interviews with a local historian, in the 1960s the property was purchased by the Lombardy Tank Company. These owners brought cattle to the site in September of 1965, but then moved these from the site in

¹ The Cigarville railroad station was built in what is now the hamlet of Clay around 1871, as was the Cigarville post office. The first historical map to identify the hamlet of Clay as “Cigarville” was the 1874 *Sweet Map of Onondaga County* (see Figure 9); the last historical map to identify the hamlet of Clay as Cigarville was the 1898 USGS topographical map of Syracuse (Figure 11).

January of 1966. The primary house structure on the property, which was described as a one-story building constructed of hewn timbers, burned down by 1970 – possibly as a result of lightning strike. The barn associated with the property was later taken down in the early 1990s (Young, 2013).

Archaeological Reconnaissance and Testing

Archeological survey conducted at the site included a pedestrian reconnaissance and shovel testing. The pedestrian reconnaissance served to identify readily apparent foundation remains and establish preliminary site boundaries (based on foundation remains, vegetation patterns, and other observed surface conditions). The entire site is overgrown with established (estimated at 30-40 years) successional shrub and forest vegetation (Photograph 83). Distinctive vegetation includes a large stand of Japanese knotweed in the southern part of the site (Photograph 84). This stand of Japanese knotweed lies immediately to the south of an overgrown clearing, measuring approximately 50 feet north-south (15m) by 125 feet east-west (38 m), perpendicular to and extending from Caughdenoy Road toward a mature Norway Spruce and a large maple located approximately 50 feet (15m) east and northeast (respectively) of the northern boundary of the Japanese knotweed. As described below, the stand of knotweed appears to be located in an area of disturbed soils with burnt material (assumed to be associated with the former location of the house). The overgrown clearing, north of the knotweed, appears to represent the locations of a historic drive or lane and yard adjacent to the presumed house site.

In total, 85 shovel tests were excavated at the site. Similar to the testing strategy at Caughdenoy Road MDS Site 1, shovel testing was performed across the site in a grid pattern at 50-foot intervals running east from Caughdenoy Road to the western edge of the site (see Figure 15). Shovel tests were designated with a “C” followed by grid coordinates that referenced each shovel test’s distance (in feet) from a site datum (C.N200-E000), which was located at the southwestern most point of the designated site survey area. The northernmost transect of shovel tests followed gridline C.N550 and the easternmost shovel tests were excavated along grid line C.E350 (350 feet north and east of the site datum, respectively). Additional shovel tests were excavated at 25-foot intervals in areas extant foundations, suspected locations of former structures, and/or high artifact concentrations. These included transects C.N200 (shovel tests were excavated at 25-foot intervals between C.E075 and C.E225), C.N225 (E075-E.225), C.N250 (E025-E.225), C.N275 (E050-E.225), and C.N300 (E075-E225; see Figure 15).

Across the site, stratigraphy observed in most shovel tests included a surface layer of soil characterized by some variation of silty-loam and silty-clay-loam and generally either a dark brown (occasionally near-black) color, or a neutral, medium-brown color. The shift to subsoil generally occurred between 25 and 35cm in depth, and was accompanied by a color shift to a much lighter, occasionally pale tan-yellow color; the subsoil texture is similar to the surface level, though in many areas included higher clay content.

Archeological Features

A large, dense stand of Japanese knotweed is located within the site between approximately C.N200 and C.N300 and between C.E120 and C.E210 (see Figure 15; Photograph 84). Based on EDR's interview with a local historian, this distinctive area of vegetation represents the former location of the house on the site (Young, 2013). A structure appears to be shown in this approximate location on aerial photographs from 1956 and 1972 (Figures 16 and 17). Shovel tests in this area included disturbed soils with frequent burned material, charcoal, and coal/coal slag as well as relatively greater number of historic period artifacts, including fragments of flat (window glass), small brick fragments, mortar, nails, whiteware and stoneware sherds, vessel glass fragments, and unidentified/miscellaneous metal fragments (see below and Appendix C). A few large fieldstones were observed within this area of knotweed, although no readily apparent pattern or arrangement was observed. These stones may have served at one time as part of a foundation or footings for the former structure in this area. Scattered structural debris, such as asbestos tile fragments and asphalt shingle fragments, were also observed on the ground surface in this area.

Eight extant archeological features were identified at Caughdenoy Road MDS 2, including four wells, one extant silo, one barn foundation, and two fieldstone mounds/piles. These features are as follows:

- **Feature C1** is a large foundation with mixed construction materials including poured concrete, concrete block, and mortared fieldstone that taken together appear to represent the foundation of a barn (Photographs 85-88). The wall segments stand generally 12 to 30 inches (30 to 76 cm) above grade, and include several structural anchor bolts, typically spaced five to six feet (1.5 m to 1.8 m) apart. The full extent of these foundations and the associated structure(s) or extensions is difficult to determine due to the poor state of preservation, density of ground cover, and presence of numerous felled (or blown down) trees over the southern part of the foundation area. The northernmost wall segment measures nearly 81 feet (24 m) in length, running east-west. Another foundation footer runs at least 77 feet (23 m) north-south across the approximate center of the barn, with additional shorter segments running perpendicular to this long foundation wall, suggesting a structure with multiple bays and additions. In total, the foundation covers an area greater of 80 feet (24.4 m) by 80 feet (or more), located between approximately C.N400 and C.N500 and between C.E100 and C.E200. The shorter, interior foundation wall segments exhibit variable construction materials (fieldstone, some capped with cement, and concrete blocks) suggesting multiple episodes of construction. There are also remains of a rectangular, thin-walled, galvanized sheet-metal basin adjacent to the long, center footer that probably served as a watering trough for livestock. Given its overall dimensions, its proximity to a standing concrete silo (Feature C2), the possible livestock-watering trough, and informant testimony (Young, 2013), Feature C1 appears to represent the foundation of a large barn

structure. A structure with two perpendicular bays, or two adjacent/connected structures, is shown in this approximate location on aerial photographs from 1956 and 1972 (Figures 16 and 17).

- **Feature C2** is a concrete tower silo, built of concrete blocks with iron stave framing, measuring approximately 12 feet (3.7 m) in its internal diameter and (estimated) 32 feet (10m) in height (Photograph 89). The feature is located at approximately C.N475-E210. It is immediately adjacent to the northeast corner of the barn foundation (Feature C1) - the outside (western) edge of the silo is within three feet (0.9 m) of the eastern edge of the barn foundation. The silo is partially overgrown with ivy.
- **Feature C3** is a modern well, consisting of a capped steel pipe, approximately three inches in diameter and standing 24 inches above surrounding grade (Photograph 90). The well is located at approximately C.N490-E.260. The well is located approximately 50 feet east of the large concrete silo (Feature C2).
- **Feature C4** is a circular fieldstone-lined well, approximately five feet in diameter (Photograph 91). The well is currently filled with rocks and rubble, with standing water observable at approximately four feet below the ground surface. The well is located at approximately C.N315-E135, on the northern side of the large area of dense Japanese knotweed and within 50' west of an old, large maple tree. A very large Norway spruce stands near to this feature, adjacent to C.N350-E150. There is also a recent rubber hose with a steel clamp running from the well, suggesting that it may still be (or was recently) in working order.
- **Feature C5** is a circular stone-lined well, approximately five to six feet in diameter and constructed of large cobblestones and fieldstones. The feature is located at approximately C.N400-E160, south of and nearby the large barn foundation (Feature C1). The well shaft is observable to a depth of approximately three feet below the ground surface, below which it is filled with cinder blocks and large slabs of concrete (Photograph 92), which are assumed to represent demolished portions of the former barn structure and/or foundation. Other, very large slabs of concrete were observed in piles on the ground surface within an area of overgrown vegetation immediately adjacent to the well.
- **Feature C6** is a low mound or push-pile of fieldstones, located between approximately C.N.200-E.250 and C.N250-E275. Scattered piles of domestic refuse are distributed on the ground surface across and around this pile of fieldstones. This refuse includes a metal box spring, rubber tires, metal 50 gallon drums, plastic drinking cups and two-liter soda bottles, pull-tab beer cans, metal (food) cans, miscellaneous metal associated with farm machinery, glass juice and condiment bottles, and a large number of canning jars (Photographs 93-95). None of these materials were collected for further analysis. In general, the dates of

the materials included in this scattered rubbish are consistent with the reported abandonment of the property, i.e., during the mid to late twentieth century.

- **Feature C7** is a modern well, similar to Feature C3, located at approximately C.N450-E100 (Photograph 96).
- **Feature C8** is a small fieldstone pile located at approximately C.N460-E340 (Photograph 97). Four oxidized fragments of nails or metal wire were recovered from shovel test C.450-E350 (adjacent to the feature; see below). Otherwise, no indications of a structure or other feature were observed and it is likely that this pile represents stones resulting from field clearing activities.

Artifacts

Artifacts were recovered from a total of 26 shovel tests (see Figure 15), with 121 artifacts recovered from the site (see Appendix E and Table 8, below). The majority of artifacts were recovered from shovel tests located in the immediate vicinity of the presumed house site (i.e., the stand of Japanese knotweed; see Figure 15) and to a lesser extent the area associated with the barn foundation and silo (Features C1 and C2, respectively).

Table 8. Summary of Artifacts Recovered at Caughdenoy Road MDS 2.

Shovel Test	Stratum	Depth	Count	Description	Date Range
C.N200-E075	1	0-5 cm	1	stoneware (1)	19th-20th cent.
C.N200-E100	1	0-28 cm	2	whiteware (1), glass (1); food—serving	20th cent.
C.N200-E125	1	0-33 cm	7	stoneware (2), flat glass (2), coal (2), slag (1)	19th-20th cent.
C.N200-E175	1	0-5 cm	1	whiteware (1)	19th-20th cent.
C.N225-E075	1	0-34 cm	2	brick fragments (2)	19th-20th cent.
C.N225-E125	0	surface	7	tile (4), brick fragments – 1 mortared (3)	19th-20th cent.
C.N225-E125	1	0-41 cm	2	coal fragments (2)	unk.
C.N225-E150	1	0-5 cm	4	stoneware (2), flat glass (1), vessel glass (1)	19th-20th cent.
C.N225-E175	1	0-5 cm	4	flat glass (2), whiteware (2)	19th-20th cent.
C.N225-E225	1	0-24 cm	8	metal button & metal fragments	19th cent.
C.N250-E075	1	0-10 cm	1	flat glass (1)	19th-20th cent.
C.N250-E100	1	0-30 cm	8	mortar (7), flat limestone w/ mortar (1)	unk.
C.N250-E125	1	0-20 cm	5	nail (1), staple (1), flat glass (1), mortar fragment (1), fabric strip (1)	19th-20th cent.
C.N250-E150	1	0-30 cm	3	whiteware (1), flat/window glass (2)	19th-20th cent.
C.N250-E175	1	0-20 cm	6	whiteware (2), coal (2), flat glass (1), brick fragment (1)	19th-20th cent.
C.N275-E075	2	40-80 cm	9	whiteware (1), bullet casing (1), vessel glass (1), nail frag. (1), brick fragment (1), misc. metal (1), mortar fragment (3)	19th-20th cent.
C.N275-E100	1	0-20 cm	4	brick fragment (1), nail (1), ceramic (1), flat glass (1)	19th-20th cent.
C.N275-E125	1	0-20 cm	6	flat glass (2), vessel glass (1), whiteware (1), redware (2)	19th-20th cent.
C.N275-E175	1	0-20 cm	1	nail (1)	19th cent.
C.N275-E200	1	0-20 cm	3	flat glass (1), vessel glass (1), mortar sample (1)	19th-20th cent.
C.N300-E075	1	0-20 cm	7	ceramic (3—white ware), flat glass (3), vessel glass (1)	19th-20th cent.
C.N350-E150	1	0-35 cm	2	steel axehead (1), shotgun casing (1)	var.

Shovel Test	Stratum	Depth	Count	Description	Date Range
C.N450-E100	1	0-28 cm	5	nail (1), misc. metal (2), flat glass (1), rubber hose (1)	19th-20th cent.
C.N450-E150	1	0-30 cm	10	brick fragments (4), vessel glass (2), flat glass (1), slate (1), misc. metal (2—painted/enameled metal)	19th-20th cent.
C.N450-E250	1	0-27 cm	7	nails, plastic-coated metal wire	19th-20th cent.
C.N450-E350	1	0-22 cm	4	nails and/or metal wire fragments	19th-20th cent.
			119	Total Artifacts—MDS 2 (26 total positive STPs)	

Artifacts recovered from the site include ceramic, glass (flat and vessel glass fragments), metal hardware (principally architectural in nature), brick fragments and mortar remains, including pieces of stone and brick with mortar attached (Photographs 104-112). The ceramic fragments include whiteware, with a few pieces of very thick, salt-glazed stoneware and two pieces of redware/terracotta. There were approximately twice as many fragments of flat glass as vessel glass, and the majority of metal fragments were architectural hardware (nails, staples, wires, and other forms). Some samples of coal fragments and slag were also recorded, which is consistent with the reported burning of the house at the site during the late 1960s (Young, 2013). Miscellaneous artifacts that were recovered include a button, a bullet casing, a modern plastic and metal shotgun casing, a plastic-coated wire, an enameled metal sign, and a large, historic axe head. No prehistoric artifacts were recorded. The assemblage of artifacts recovered and observed at the site date from the second half of the nineteenth century to the middle-late twentieth century.

The features and artifact assemblage observed at (and recovered from) the site reflect domestic use and agricultural production consistent with the map documented dates of occupation of the site. The locations of foundation remains at the site are generally consistent with what appear to be structures on aerial photographs of the site from 1956 and 1972 (Figures 16 and 17). Features C1, C2, C3, and C4 are all clearly modern (twentieth-century) features. Although at least one occupant of the site during the mid-nineteenth-century was reported to be a cigar manufacturer, no artifacts or features associated with that trade were identified at the site. The burning and disturbed soils observed in shovel tests in the former area of the house on the site are consistent with the reported burning of the house during the late 1960s (Young, 2013).

5.0 SUMMARY AND CONCLUSIONS

5.1 Summary of Archeological Survey Findings

Relative to archeological resources, the results of the Phase 1 survey for the proposed White Pine Commerce Park project can be summarized as follows:

- The scope of work (or research design) for Phase 1 archeological survey/testing for the Project was developed in consultation with NYSOPRHP staff (see Section 4.1 and Appendix B). NYSOPRHP recommended that an appropriate Phase 1 testing strategy for the Project site would be shovel testing (at 50-foot intervals, in most instances, in accordance with the *NYAC Standards*) in the following areas:
 - a. The vicinity of the esker (see Section 2.1 and Figure 3).
 - b. The areas around the two MDS depicted on historic maps (see Sections 2.5 and 3.2).
 - c. A 100-foot-wide strip along the edges of wetlands and wetland buffers.
 - d. Other than these areas, NYSOPRHP recommended that Phase 1 testing would not be necessary in the remaining portions of the approximately 340 -acre Project site.

In addition, EDR excavated shovel tests at 50-foot intervals along the centerline of the proposed sewer line.

- In total, EDR personnel excavated 1,414 shovel tests during the course of the Phase 1 survey. Within the proposed business park site, EDR completed a total of 1,095 shovel tests. These included 959 shovel tests located in the margin areas around previously delineated wetlands and/or the vicinity of the esker located on site, 136 shovel tests at the Caughdenoy Road MDS 1 and MDS 2 sites (51 shovel tests at MDS 1 and 85 shovel tests at MDS 2), and 319 shovel tests along the proposed route of the sewer line.
- No prehistoric Native American artifacts or archeological sites were recovered or identified during the Phase 1 survey.
- EDR personnel recovered 214 artifacts during the Phase 1 survey (see Appendix E). Most of the recovered artifacts were associated with two historic-period sites – the Caughdenoy Road MDS 1 and 2 sites. The remaining artifacts were from the nineteenth and/or twentieth centuries and represented incidental field scatter that is not considered historically significant.
- The Caughdenoy Road MDS 1 site is a farmstead that is documented on historic maps as early as 1854. The Phase 1 survey identified four features at the site (foundations of a garage, barn, silo, and well) and determined the former location of the house at the site, which was razed ca. 2008. Artifacts recovered from shovel tests at the site generally consisted of fragmentary architectural materials (nails and window glass fragments) and small fragments of late-nineteenth to early-twentieth century ceramic and glass vessels. The area around the former house site is significantly disturbed, with stripped and graded areas, hummocks, push-piles and scattered concrete and other demolition debris. The only shaft feature identified at the site

was the well. The large push-piles that mark the eastern edge of the former yard around the house site include large quantities of domestic refuse, including box springs, metal buckets, automobile parts, paint cans, glass bottles, and plastic jugs/bottles.

- The Caughdenoy Road MDS 2 site is also a farmstead that is documented on historic maps as early as 1854. The Phase 1 survey identified eight features at the site (the foundation of a large barn, a partially standing silo, two stone-lined wells, two modern wells, and two piles of fieldstones). The former location of the house at the site, which burned and was razed ca. 1970, was determined by shovel testing. Artifacts recovered from shovel tests at the site generally consisted of fragmentary architectural materials (nails and window glass fragments) and small fragments of late-nineteenth to early-twentieth century ceramic and glass vessels. The area around the former house site is indicated by a dense stand of Japanese knotweed (an invasive species that thrives in disturbed soils). Shovel testing in this area revealed disturbed soils, with significant quantities of burnt material and charcoal, which is consistent with reports that the house burned ca. 1970. The only shaft features identified at the site were two fieldstone-lined wells. A large pile of fieldstone near the former house site included large quantities of domestic refuse, such as metal drums and buckets, glass jars and bottles, and plastic jugs/bottles. Significant portions of the large barn foundation were built with concrete cinder blocks. The partially standing silo and two metal pipes/wells at the site were also clearly of relatively recent/modern construction.
- The archeological testing conducted at the Caughdenoy Road MDS 1 and 2 sites was adequate to determine the spatial boundaries, identify foundations and other features, and generally assess the condition of archeological resources located at both of these sites.

5.2 Conclusions and Recommendations

The Phase 1 archeological survey was conducted in accordance with a work plan (or research design) that was developed in consultation with (and approved by) NYSOPRHP staff. The Phase 1 survey included the proposed location of the White Pine Commerce Park (approximately 340 acres) and a proposed four-mile long sewer line. The survey included the excavation of approximately 1,400 shovel tests from which 214 artifacts were recovered. No Native American archeological sites were identified.

The Phase 1 survey resulted in the identification of two historic-period archeological sites – the Caughdenoy Road MDS 1 and 2 sites. Both of these sites are located within the proposed White Pine Commerce Park project site. Both sites are farmstead sites that are documented on historic maps as early as 1854 and appear to have been abandoned during the mid-to-late twentieth century (ca. 1960s or 1970s). Review of historic maps and sources suggests that both sites were typical farm sites (i.e., both domestic habitation and agricultural production sites) throughout their occupation and use. There are no standing structures at either site, other than a partially standing

concrete grain silo. The former locations of the house and adjacent yard area at both sites are extensively disturbed, presumably associated with the demolition of the houses at each site. Extant foundation remains observed at both sites include barns, wells, and a garage. The archeological testing conducted at the sites was adequate to determine the spatial boundaries, identify foundations and other features, and generally assess the condition of archeological resources located at both of these sites.

In the opinion of EDR, the Caughdenoy Road MDS 1 and MDS 2 sites are typical, unremarkable examples of abandoned farm sites. These types of sites are ubiquitous throughout Central New York and numerous examples in the region have previously been studied by archeologists. EDR did not identify any significant historical associations or unusual/remarkable archeological features at either site. In the opinion of EDR, the Caughdenoy Road MDS 1 and 2 sites do not warrant additional archeological research and no additional cultural resources investigations are recommended for the proposed Project.

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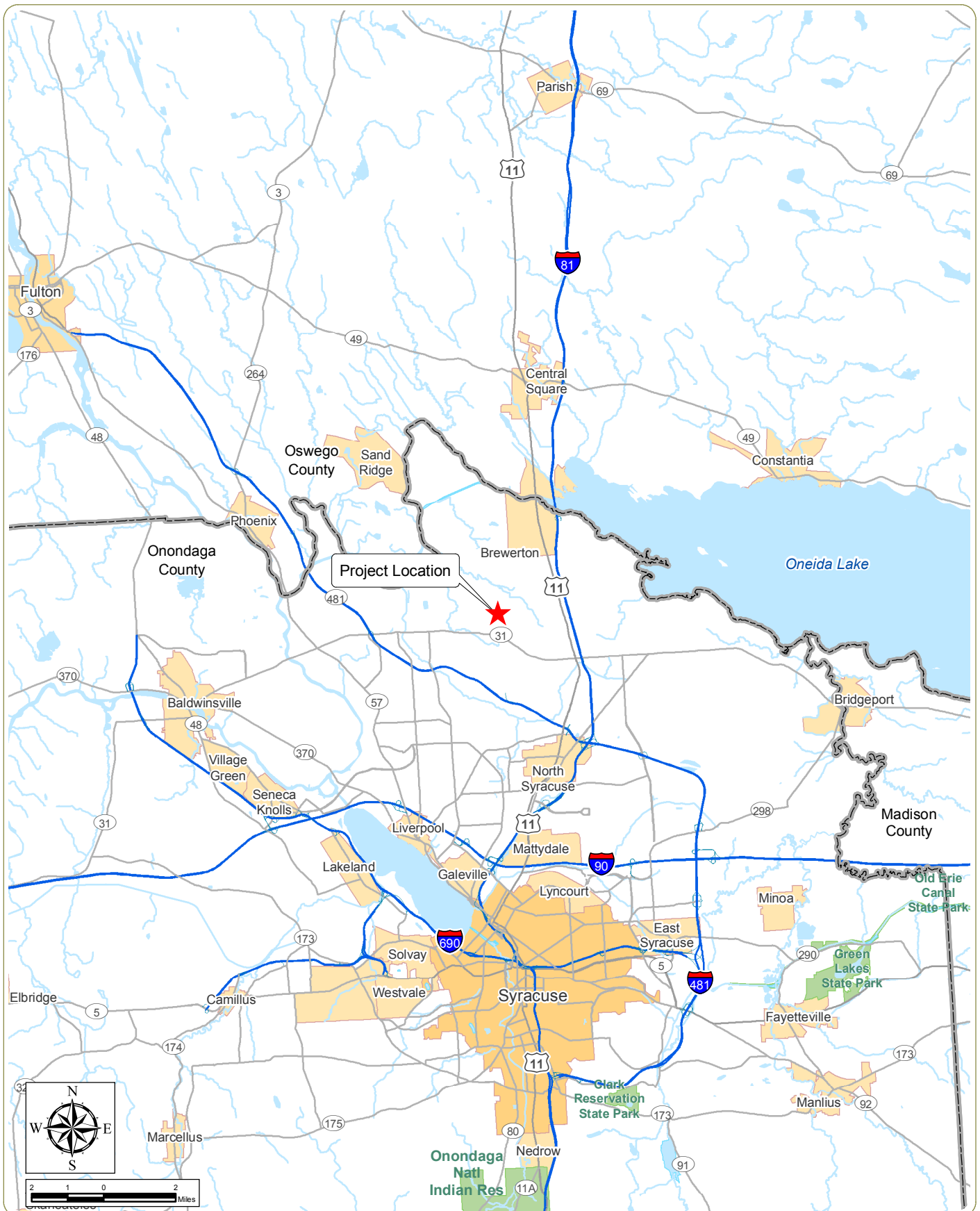
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Figures



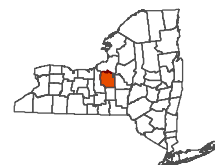
White Pine Commerce Park

Town of Clay, Onondaga County, New York

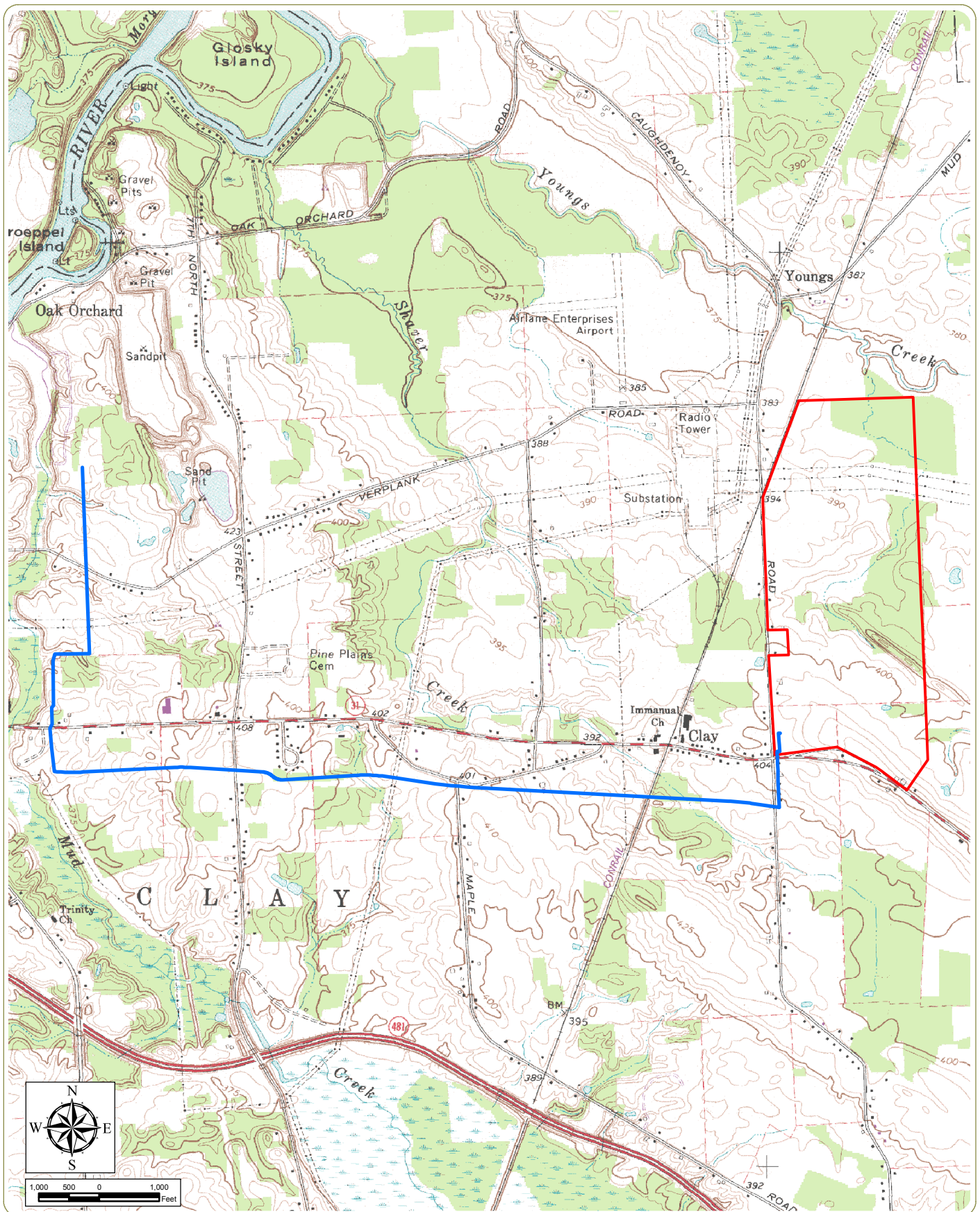
Figure 1: Regional Project Location

September 2013

Notes: Base Map: ESRI Street Map North America, 2008.



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White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 2: Project Site Topography

September 2013

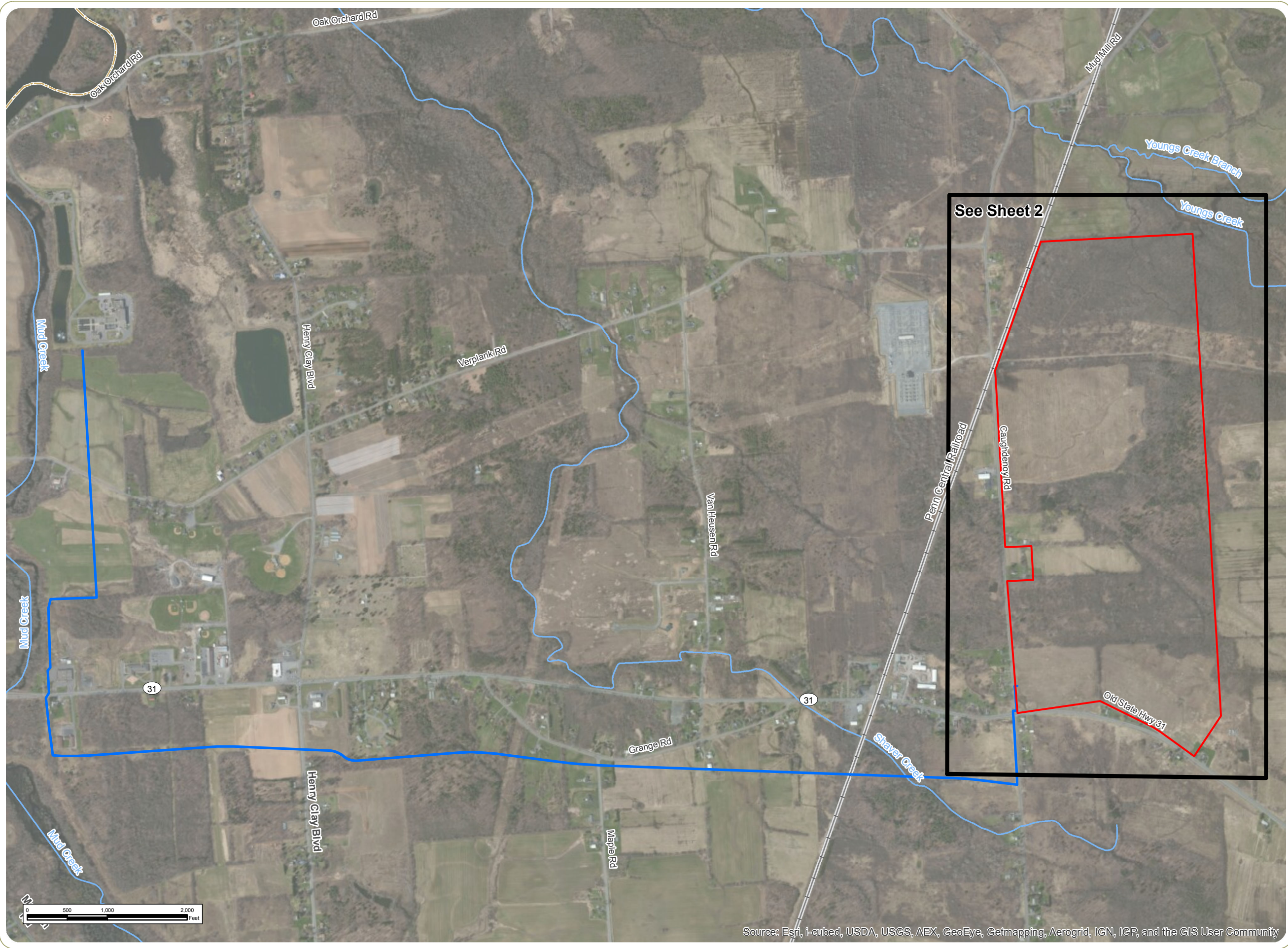
Notes: USGS 7.5 - minute Brewerton topographic quadrangle.

— Proposed Sewerline

— Project Site



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**White Pine
Commerce Park**

Town of Clay,
Onondaga County, New York

**Figure 3: Existing
Conditions**

Sheet 1: Project Site and Sewerline

September 2013

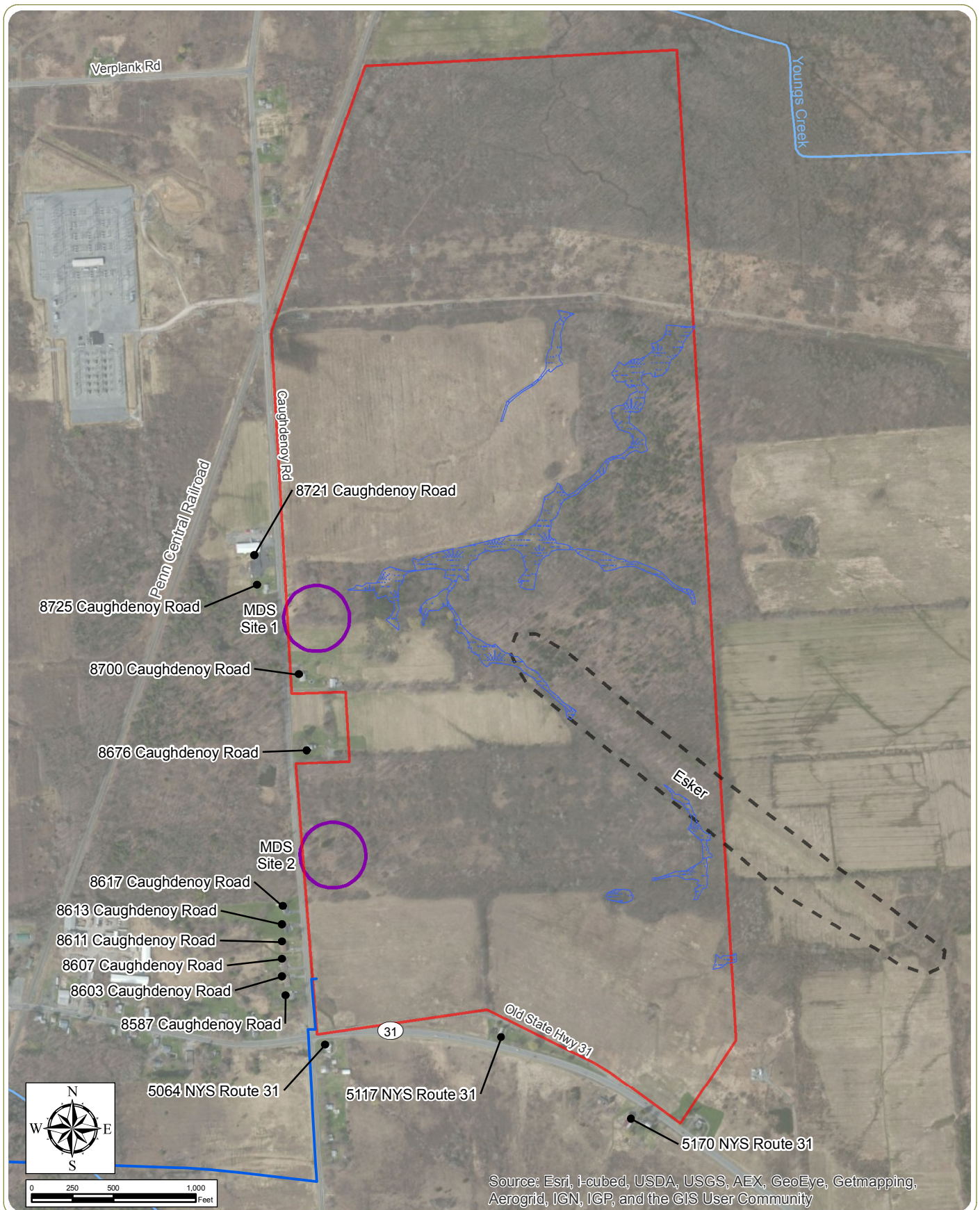
- Proposed Sewerline
- Project Site

Notes:
Base Map: ESRI World Imagery Map
Service.



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Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



White Pine Commerce Park

Town of Clay, Onondaga County, NY

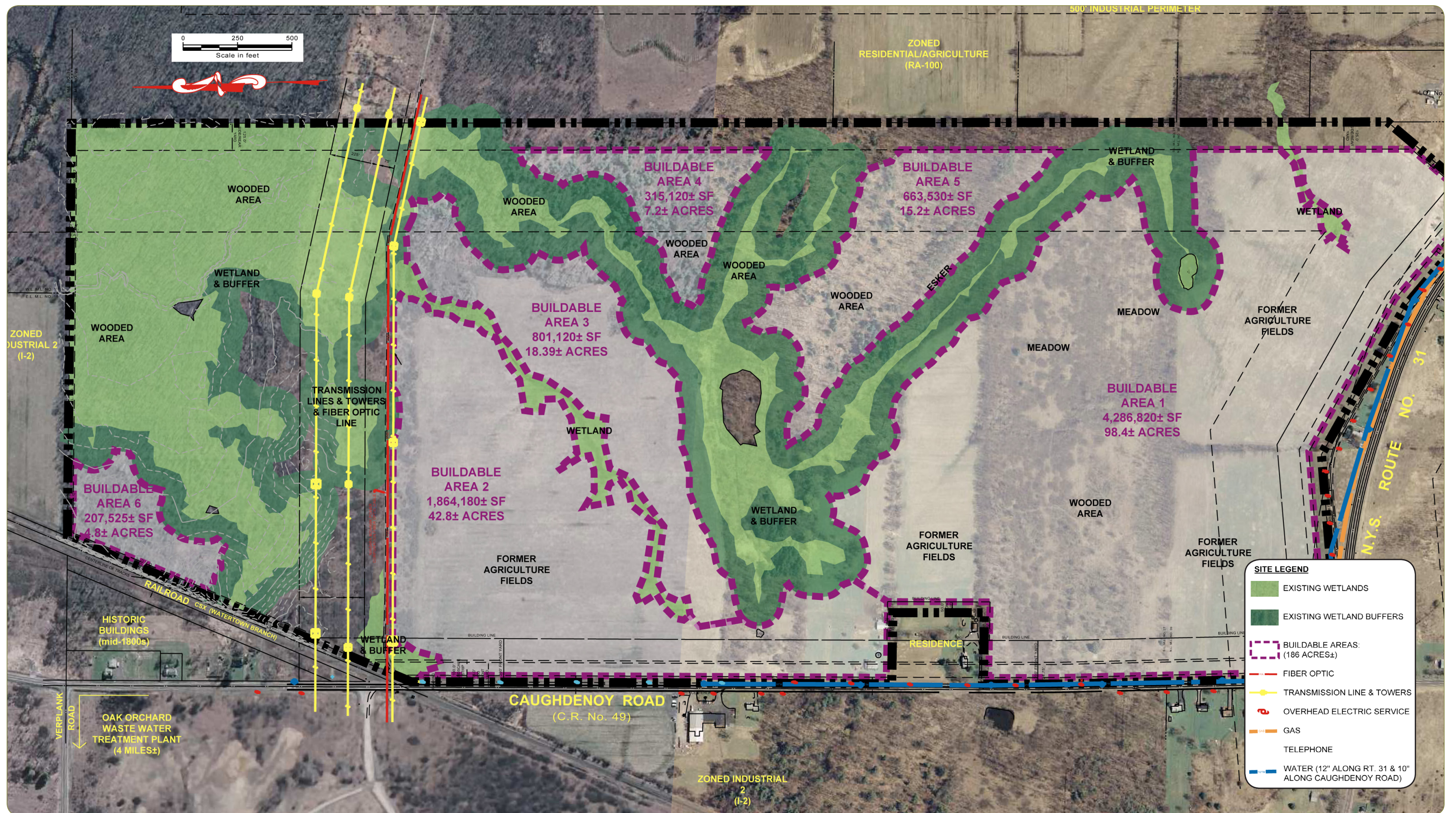
Figure 3: Existing Conditions

Sheet 2: Project Site Detail

September 2013

Notes: Base Map: ESRI World Imagery Map Service.

- Proposed Sewerline
- Project Site
- Map Documented Structure (MDS)
- Approximate Wetlands
- Esker

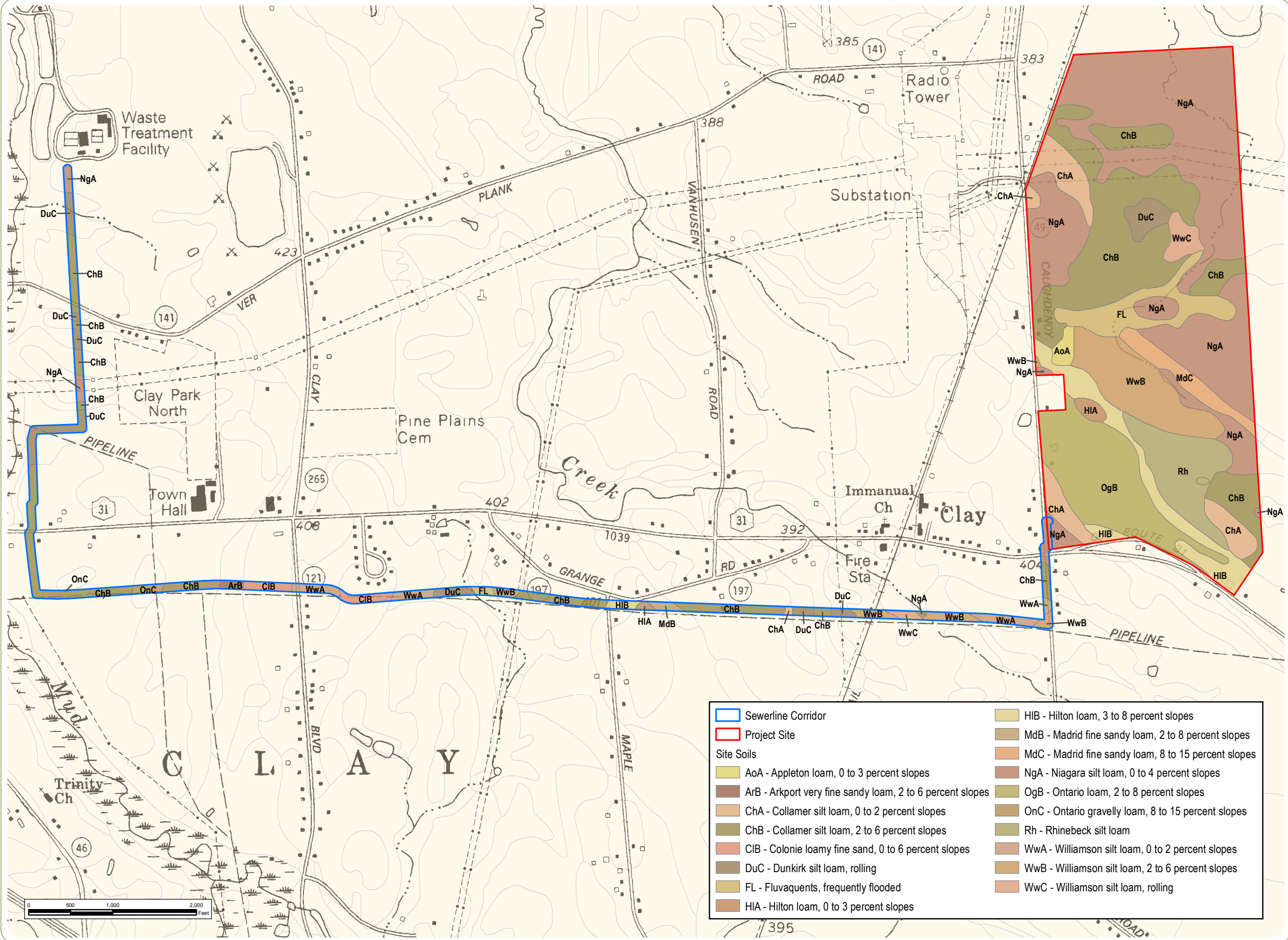


White Pine
Commerce Park

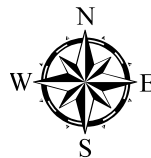
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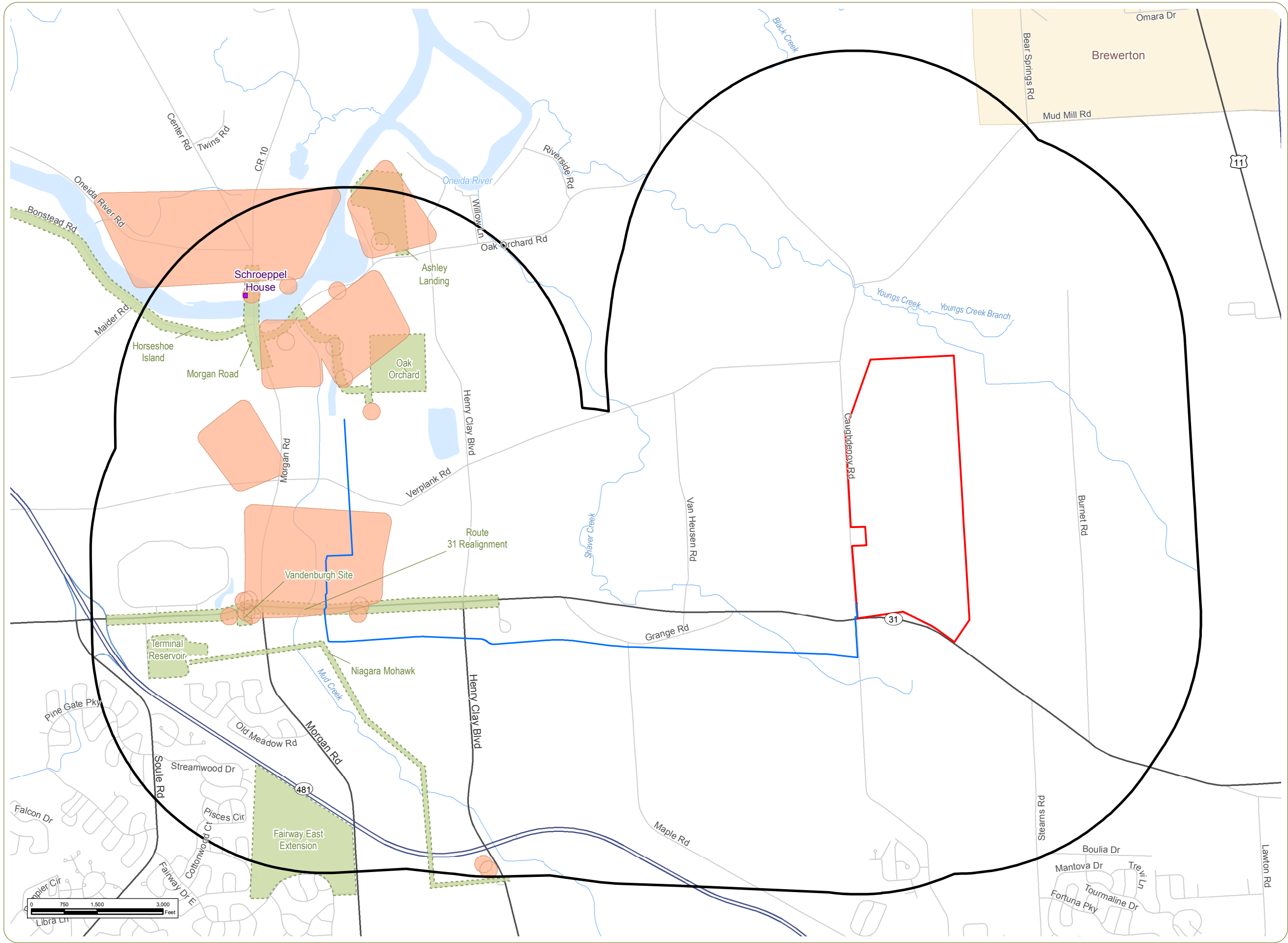
Figure 5: Project Site Soils

September 2013



Notes:
Base Map: NYSDOT Planimetric 7.5-minute
Brewerton quadrangle.





White Pine Commerce Park

Town of Clay,
Onondaga County, New York

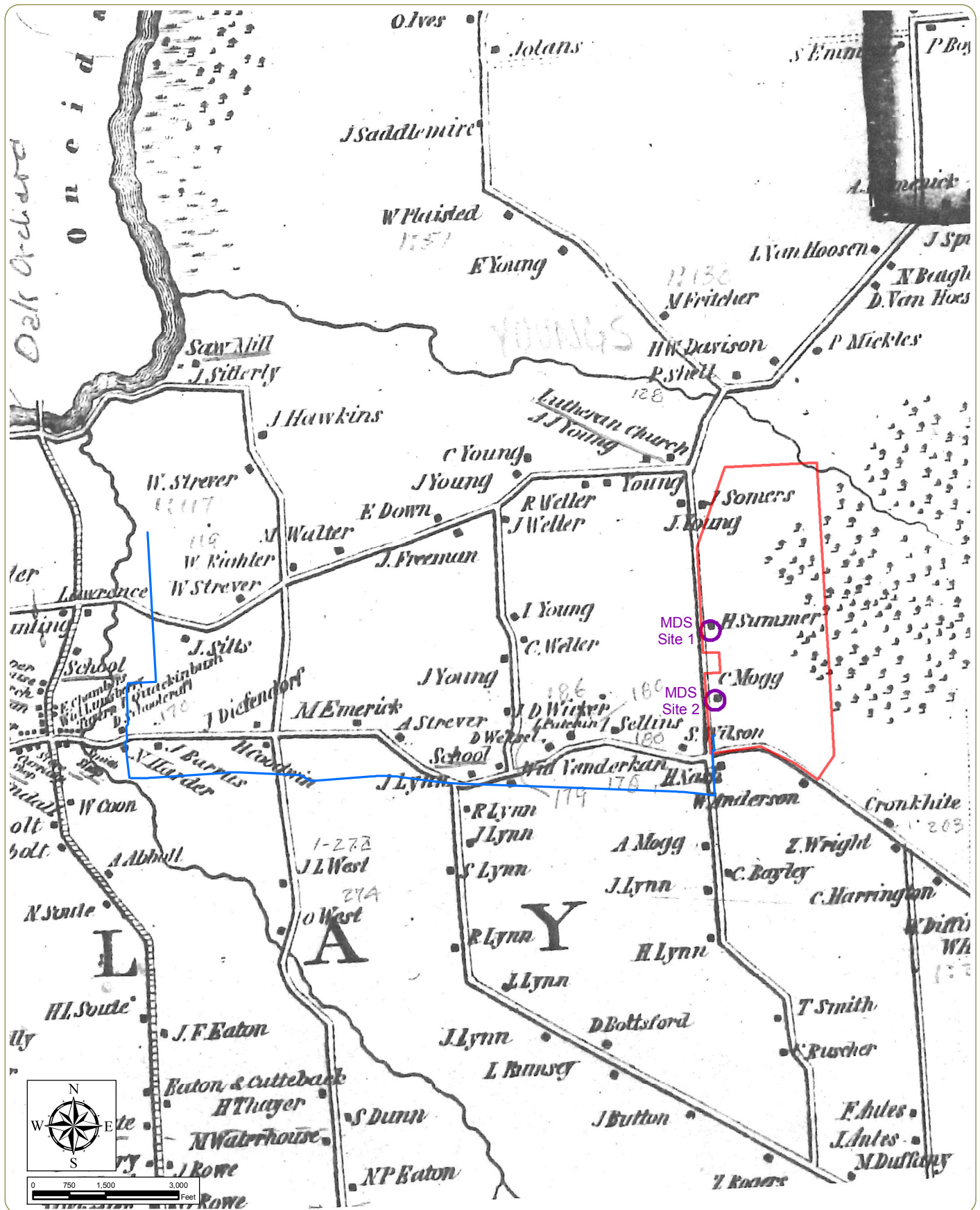
**Figure 6: Previously Identified
Cultural Resources**

September 2013

- Proposed Sewerline
- Project Site
- 1 Mile Study Area
- NRHP-Listed Site
- Archeological Site Areas
- Previous Cultural Resources Survey

Notes:
Base Map: ESRI Street Map North America,
2008.





White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 7: 1854 Town of Clay, NY Map

September 2013

Notes: Basemap: 1854 Town of Clay Map, Fagan.

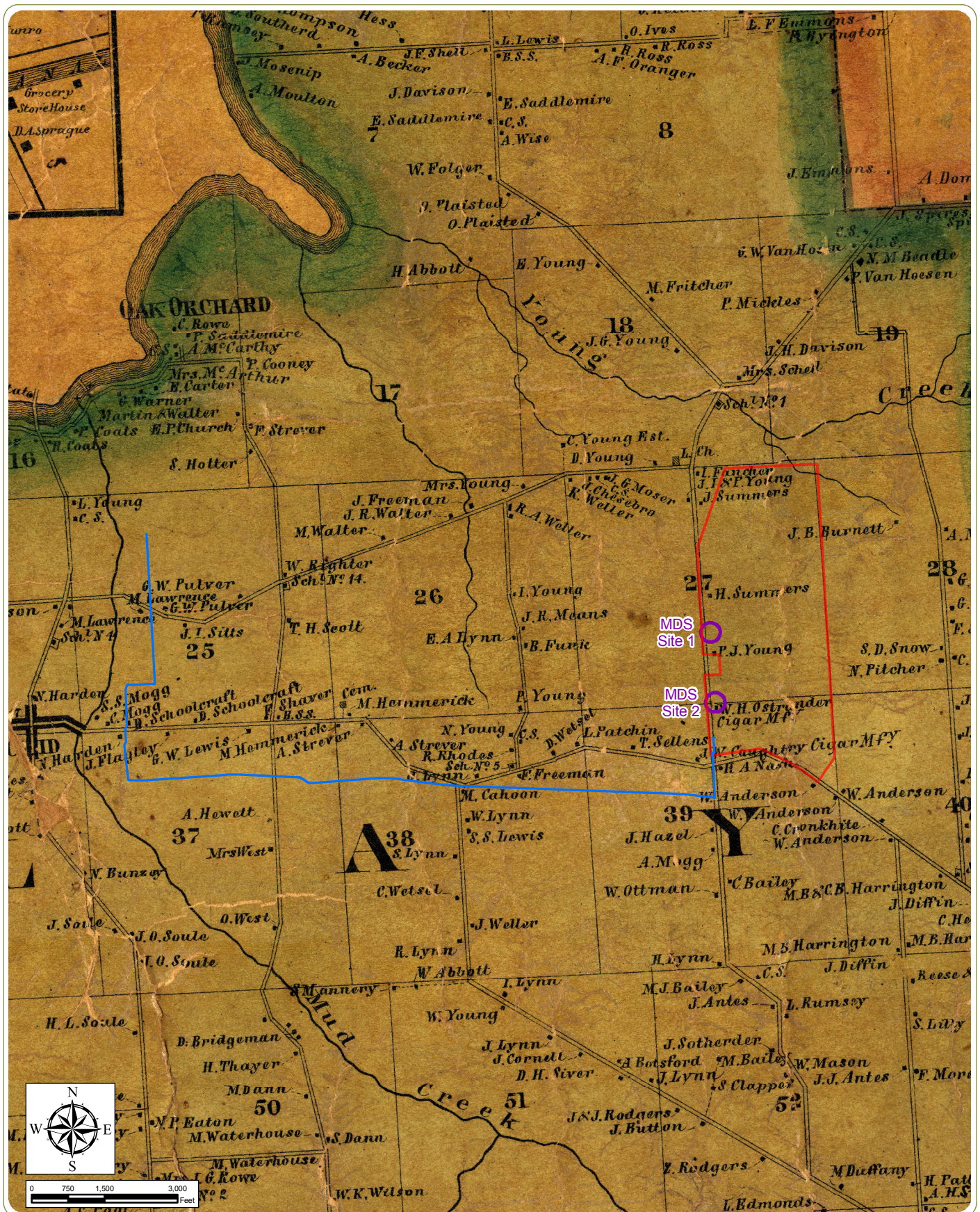
Proposed Sewerline

Project Site

Map Documented Structure (MDS)



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White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 8: 1860 Map of Onondaga County, NY

September 2013

Notes: Basemap: 1860 Map of Onondaga County, NY, H.D.L. Sweet, A.R.Z. Dawson.

— Proposed Sewerline

□ Project Site

□ Map Documented Structure (MDS)



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White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 9: 1874 Map of Onondaga County, NY

September 2013

Notes: Basemap: Sweet H. 1874 Atlas of Onondaga County, Clay Sheet.

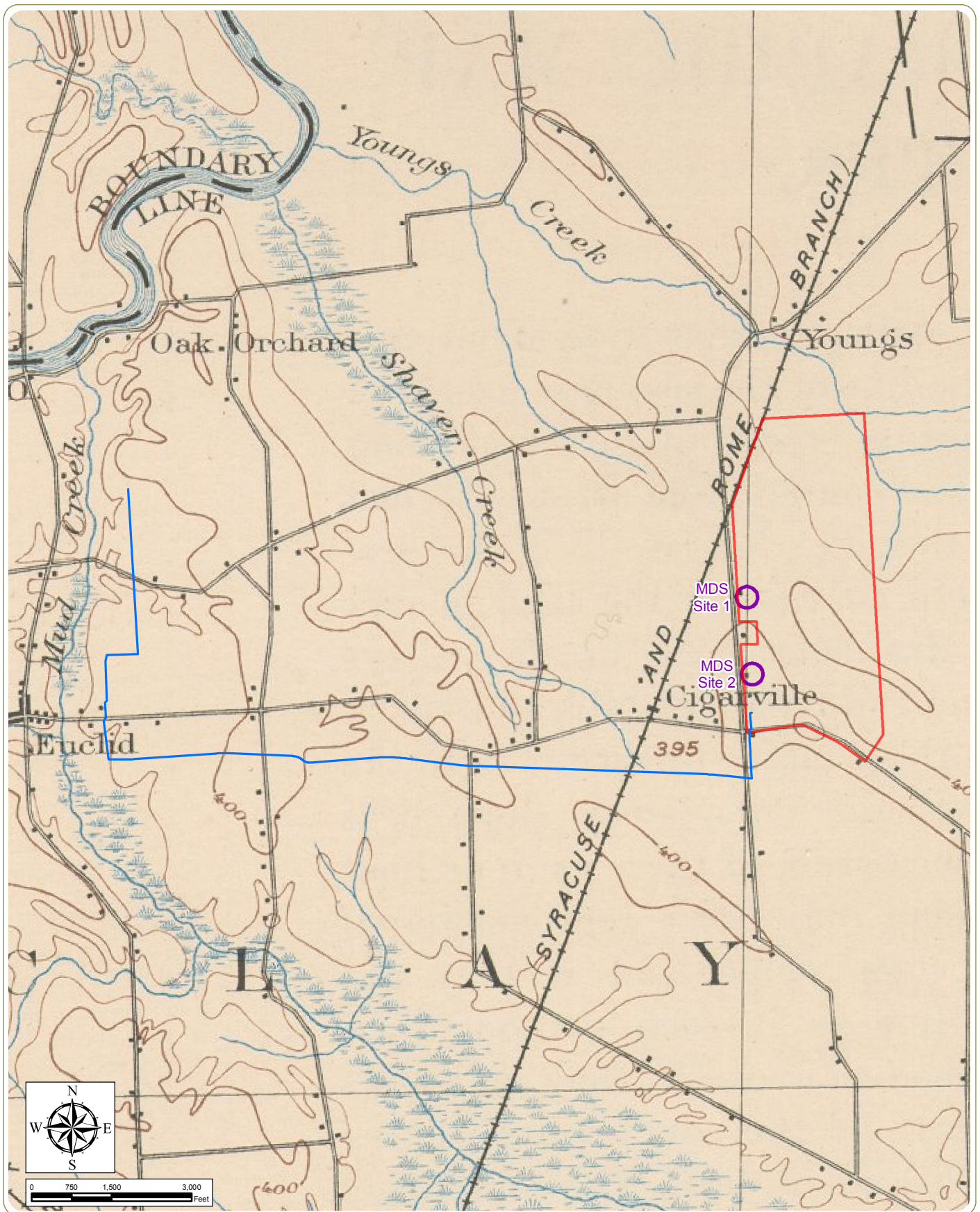
— Proposed Sewerline

— Project Site

— Map Documented Structure (MDS)



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White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 11: 1898 USGS Syracuse, NY Topographic Map

September 2013

Notes: Basemap: 1898 USGS 1:62,500 Topographic Quadrangle, Syracuse.

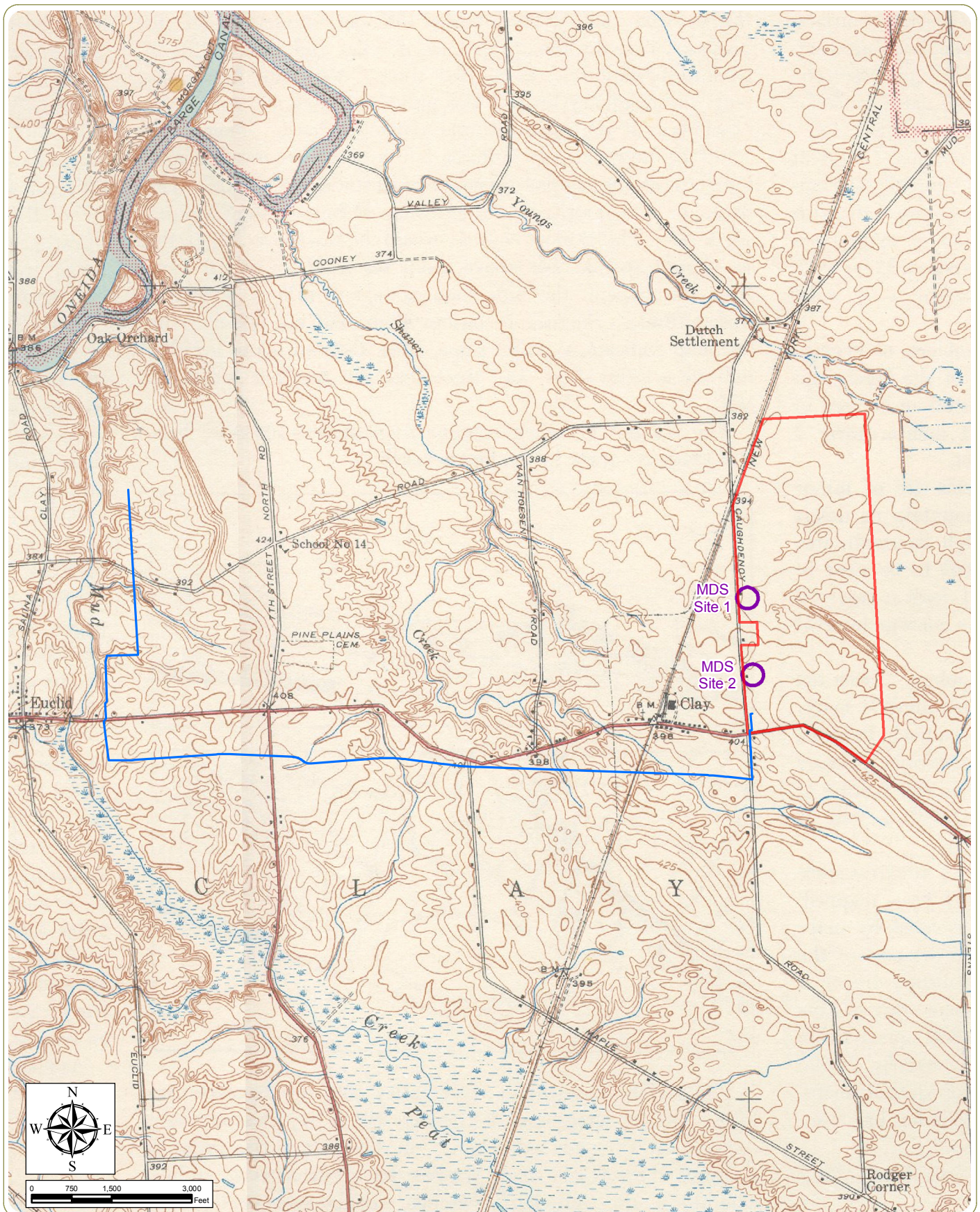
— Proposed Sewerline

— Project Site

— Map Documented Structure (MDS)



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White Pine Commerce Park

Town of Clay, Onondaga County, New York

Figure 12: 1943 USGS Brewerton, NY Topographic Map

September 2013

Notes: Basemap: 1943 USGS 1:24,000 Topographic Quadrangle, Brewerton.

— Proposed Sewerline

— Project Site

— Map Documented Structure (MDS)



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**White Pine
Commerce Park**

Town of Clay,
Onondaga County, New York

**Figure 13: Phase 1
Archeological Survey Map
Index Sheet**

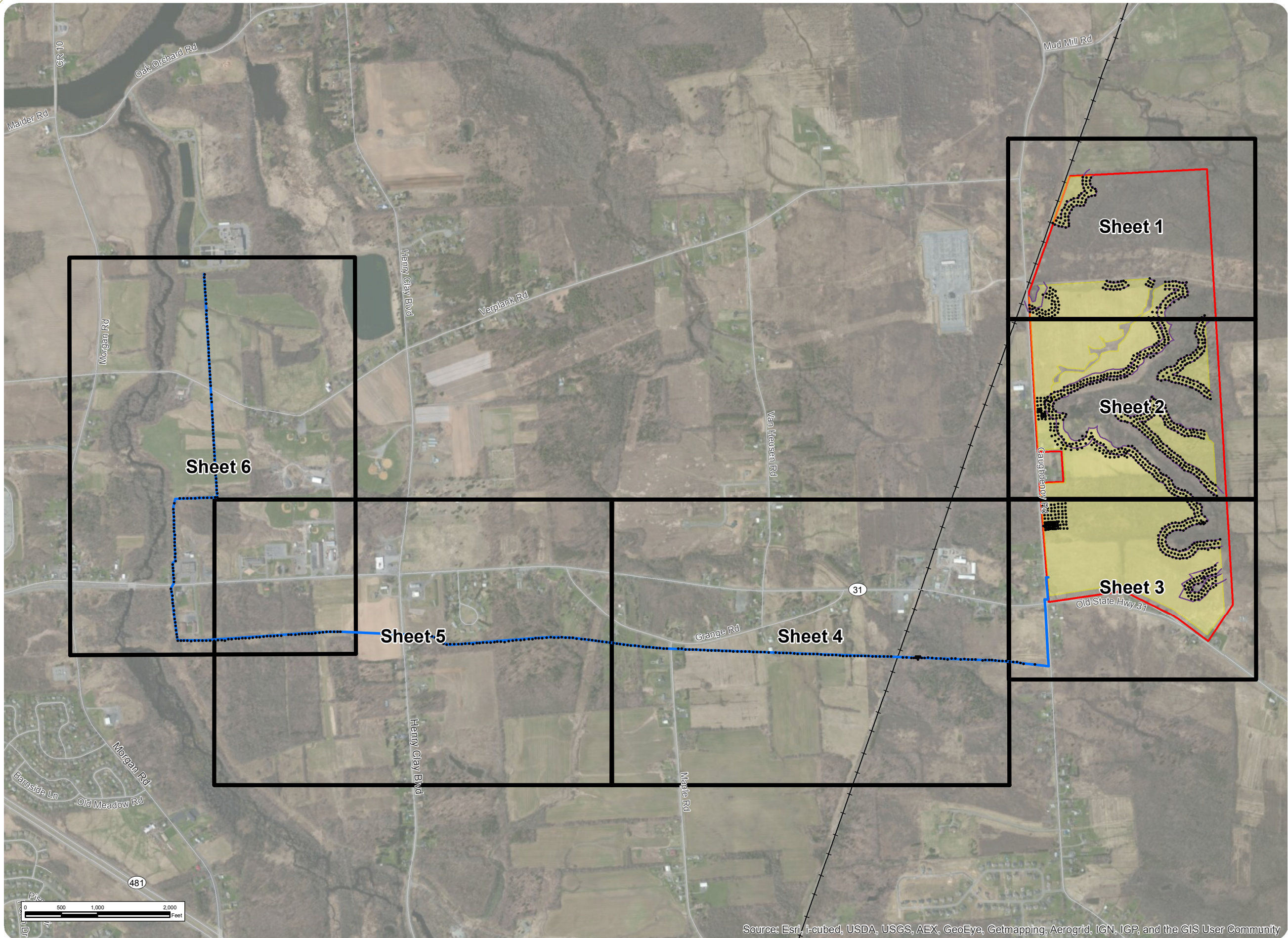
September 2013

- Shovel Test Location
- Proposed Sewerline
- Archeological Survey Area
- Buildable Area
- Project Site
- Sheet Index

Notes:
Basemap: ESRI World Imagery Map Service.



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White Pine
Commerce Park

Town of Clay,
Onondaga County, New York

Figure 13: Phase 1
Archeological Survey Map

Sheet 1 of 6

September 2013

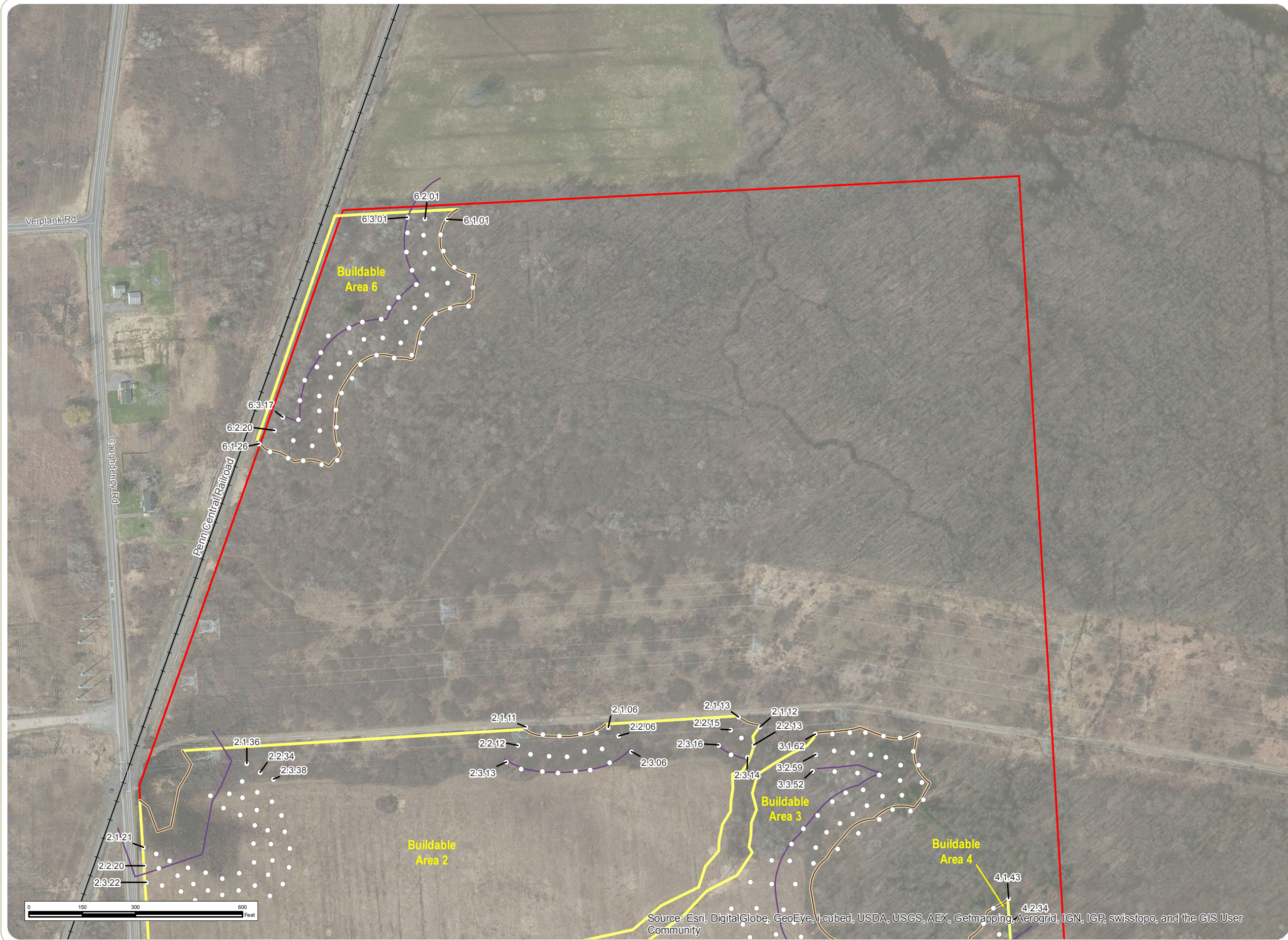
Shovel Test Location

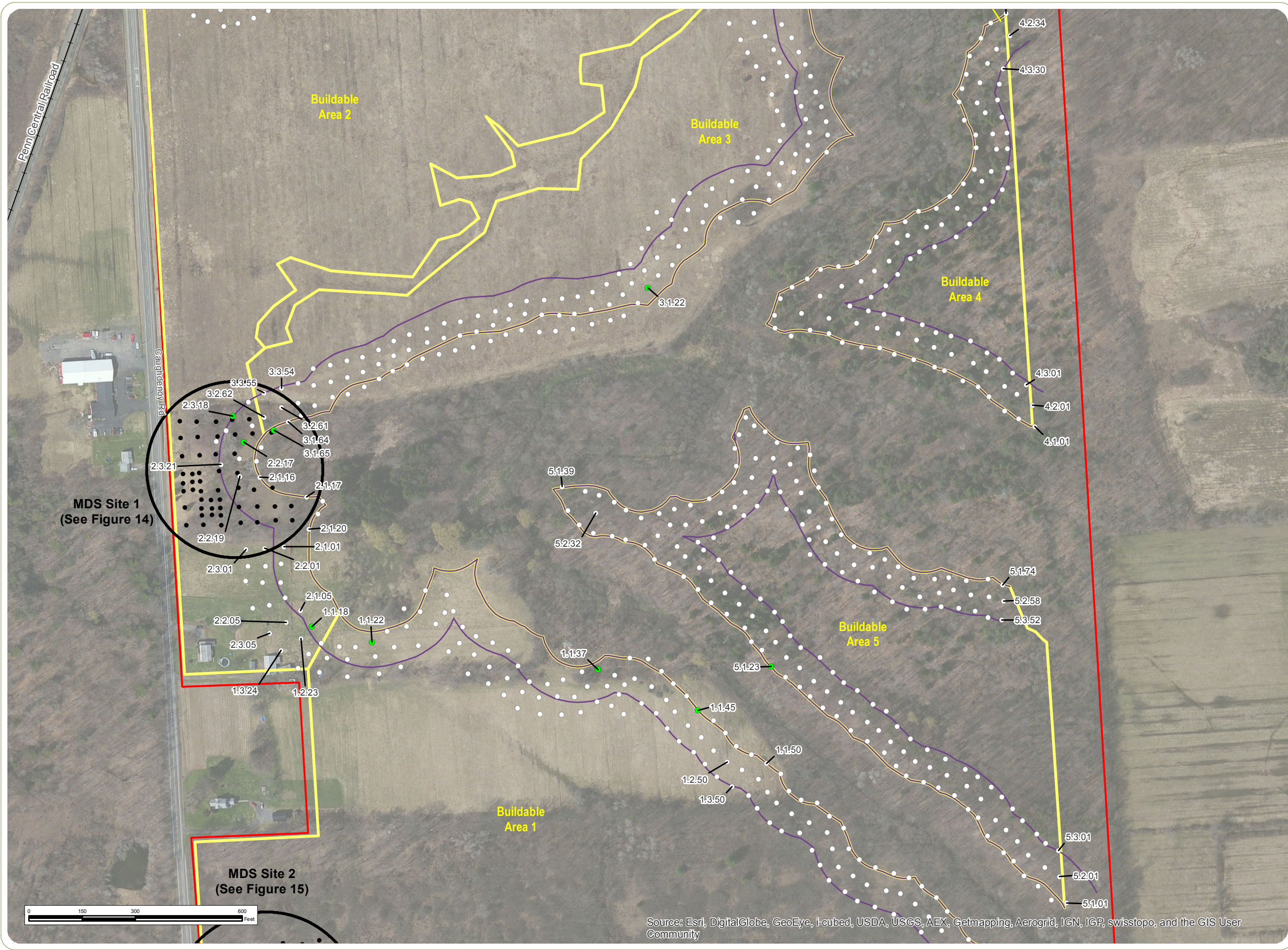
- Historic Material
- No Cultural Material
- MDS Site Shovel Test
- Proposed Sewerline
- Archeological Survey Area
- Buildable Area
- Project Site

Notes:
Basemap: ESRI World Imagery Map Service.



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**White Pine
Commerce Park**

Town of Clay,
Onondaga County, New York

**Figure 13: Phase 1
Archeological Survey Map**
Sheet 2 of 6

September 2013

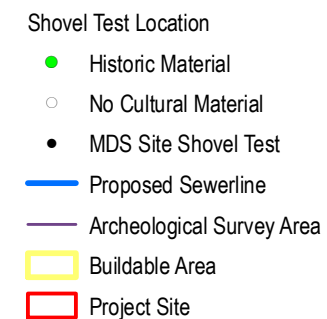
- Shovel Test Location
- Historic Material
 - No Cultural Material
 - MDS Site Shovel Test
 - Proposed Sewerline
 - Archeological Survey Area
 - Buildable Area
 - Project Site

Notes:
Basemap: ESRI World Imagery Map Service.



Town of Clay,
Onondaga County, New York

September 2013



Notes:
Basemap: ESRI World Imagery Map Service.



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White Pine
Commerce Park

Town of Clay,
Onondaga County, New York

Figure 13: Phase 1
Archeological Survey Map
Sheet 4 of 6

September 2013

- Shovel Test Location
- Historic Material
 - No Cultural Material
 - MDS Site Shovel Test
 - Proposed Sewerline
 - Archeological Survey Area
 - Buildable Area
 - Project Site

Notes:
Basemap: ESRI World Imagery Map Service.



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community





**White Pine
Commerce Park**

Town of Clay,
Onondaga County, New York

**Figure 13: Phase 1
Archeological Survey Map**
Sheet 5 of 6

September 2013

- Shovel Test Location
- Historic Material
 - No Cultural Material
 - MDS Site Shovel Test
 - Proposed Sewerline
 - Archeological Survey Area
 - Buildable Area
 - Project Site

Notes:
Basemap: ESRI World Imagery Map Service.



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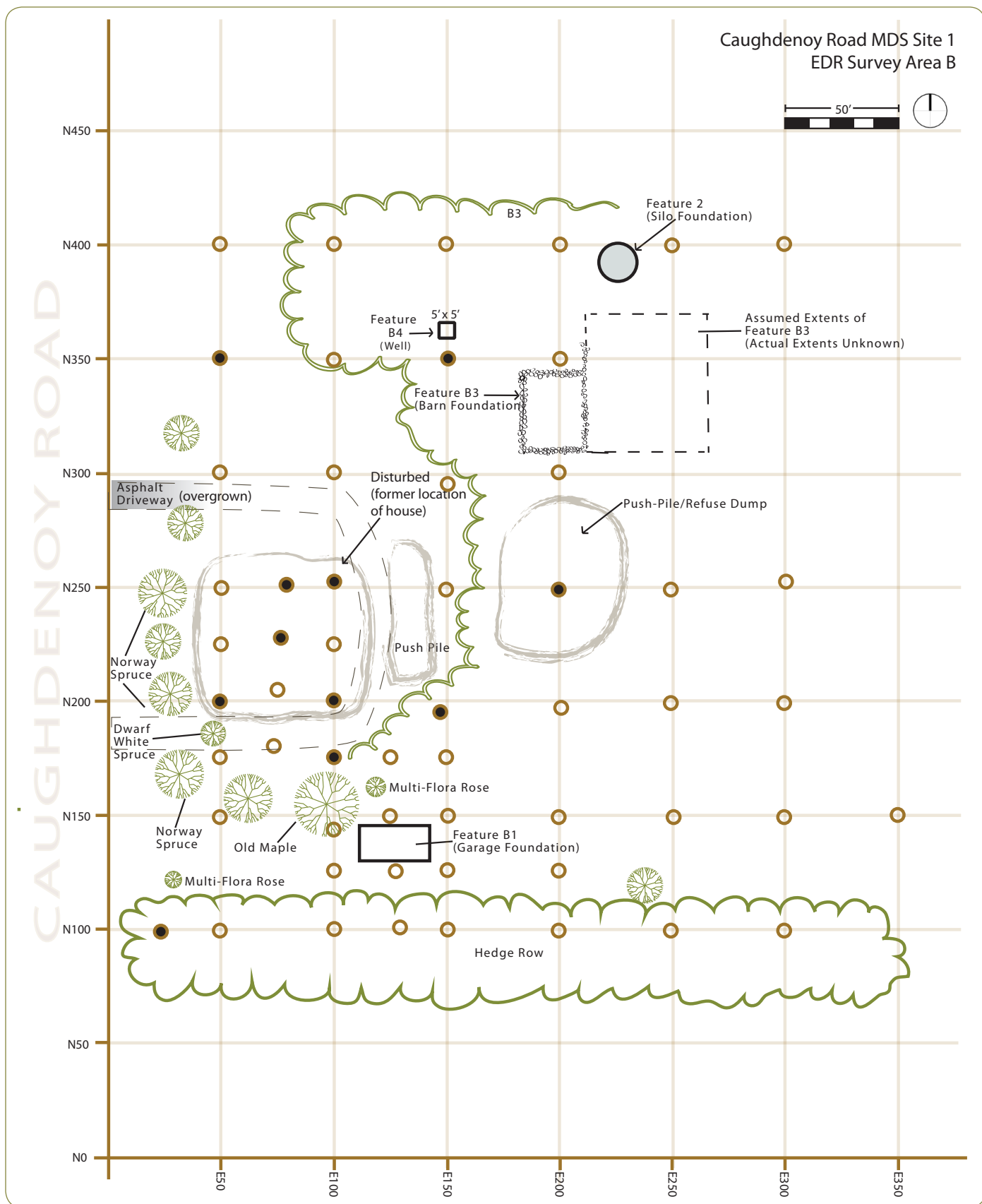
White Pine Commerce Park
Town of Clay, Onondaga County, New York

Figure 13: Phase 1 Archeological Survey Map
Sheet 6 of 6

September 2013

Notes: Basemap: ESRI World Imagery Map Service.

- Proposed Sewerline
- Project Site
- Shovel Test Location
 - Historic Material
 - No Cultural Material
 - MDS Site Shovel Tests



White Pine Commerce Park

Town of Clay, Onondaga County, New York

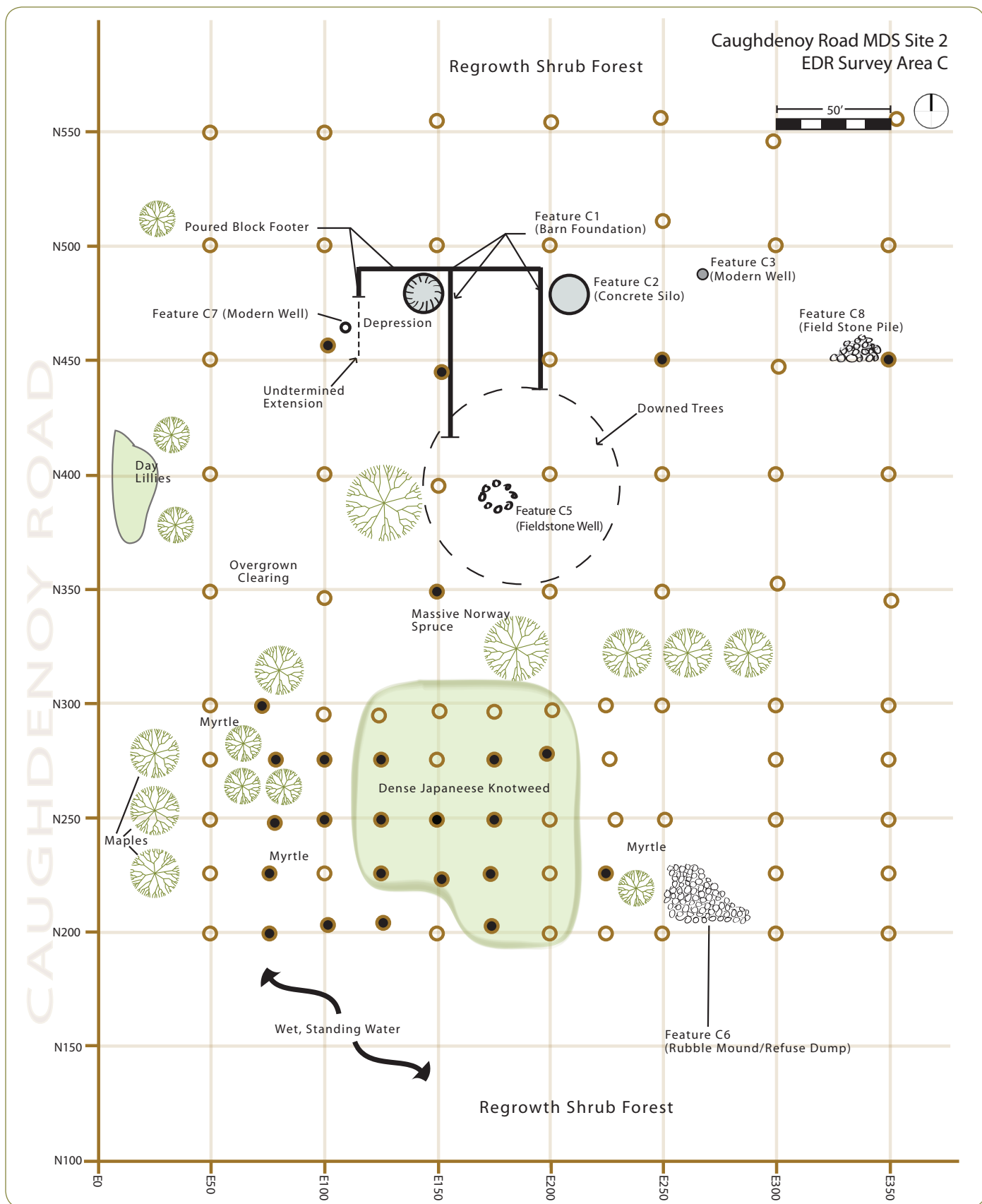
Figure 14: Plan Map of Caughdenoy Road MDS Site 1

September 2013

Shovel Tests

- No Cultural Material (NCM)
- Historical Artifacts
- Fieldstone Feature
- Poured Concrete Feature
- Ornamental Vegetation/Shaded Trees

Sheet 1 of 1



White Pine Commerce Park

Town of Clay, Onondaga County, New York

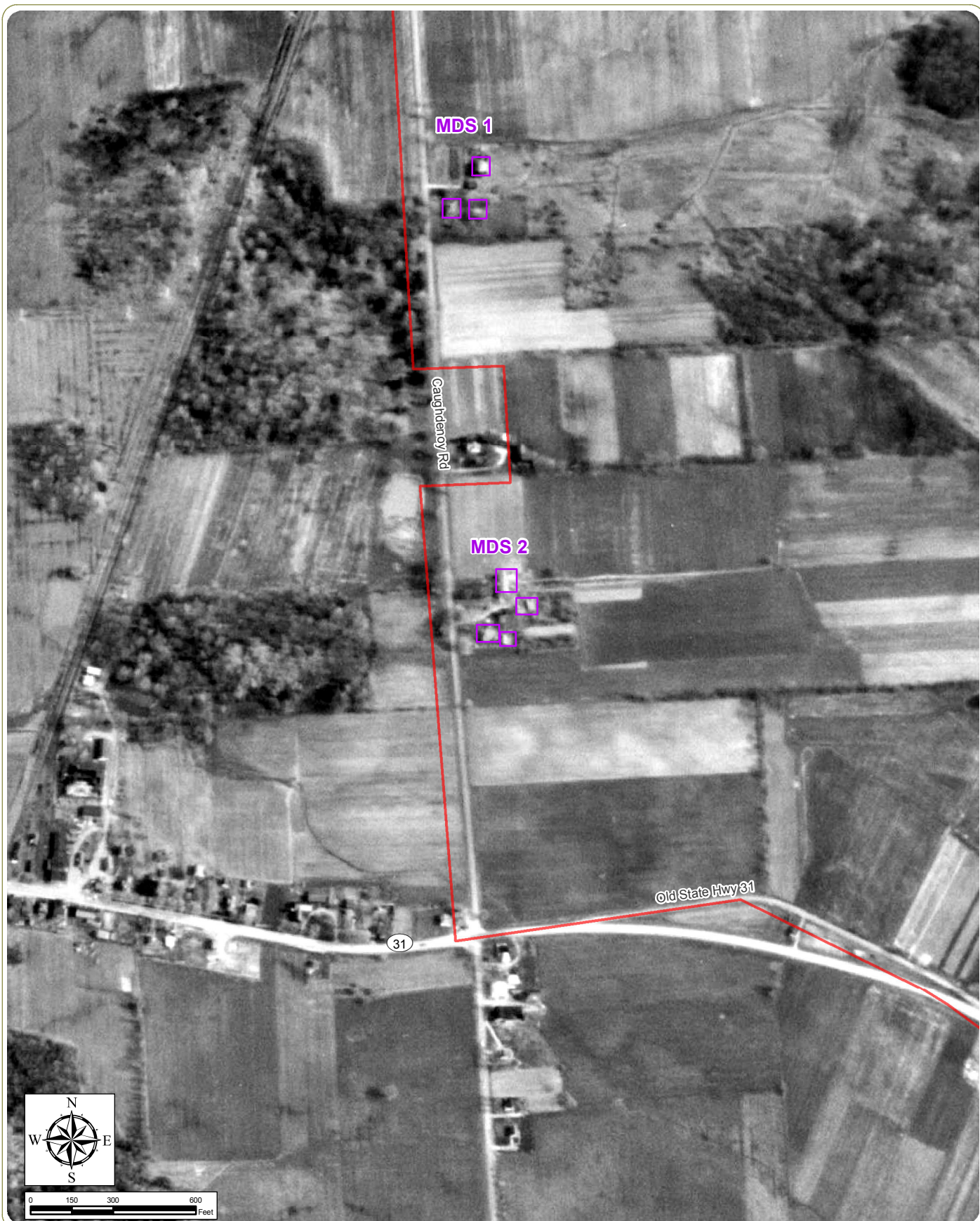
Figure 15: Plan Map of Caughdenoy Road MDS Site 2

September 2013

Shovel Tests

- No Cultural Material (NCM)
- Historical Artifacts
- Fieldstone Feature
- Poured Concrete Feature
- Ornamental Vegetation/Shaded Trees

Sheet 1 of 1



White Pine Commerce Park

Town of Clay, Onondaga County, New York

**Figure 16: Historic Aerial Imagery (1956)
Depicting Caughdenoy Road MDS 1 & MDS 2**

Notes: Basemap: 1956 aerial imagery.

- Probable Structure
- Project Site

September 2013



White Pine Commerce Park

Town of Clay, Onondaga County, New York

**Figure 17: Historic Aerial Imagery (1972)
Depicting Caughdenoy Road MDS 1 & MDS 2**

Notes: Basemap: 1972 aerial imagery.

- Probable Structure
- Project Site

September 2013

Appendix A:

Photographs



Photo 01

Southern portion of the Project site from NYS Route 31, view to the north.



Photo 02

Southern portion of the Project site from NYS Route 31, view to the north.



Photo 03

Southern portion of the Project site from Caughdenoy Road, view to the north-northeast.



Photo 04

Northern portion of the Project site from Caughdenoy Road, view to the east.



Photo 05

Northern portion of the Project site from Caughdenoy Road, view to the northeast.



Photo 06

CSX Railroad tracks along the northwestern perimeter of the Project site, view to the northeast.



Photo 07

NYPA transmission line and right-of-way within the northern portion of the Project site, view to the east.



Photo 08

NYPA transmission line and CSX Railroad crossing Caughdenoy Road, view to the north.



Photo 09

Location of MDS Site 1 within the Project site; view to the east.



Photo 10

Location of MDS Site 2 within the Project site; view to the east.



Photo 11

8700 Caughdenoy Road
(within the Project site).



Photo 12

8676 Caughdenoy Road.



Photo 13

8721 Caughdenoy Road
(Jerome Fire Equipment Co.,
Inc.).



Photo 14

8725 Caughdenoy Road.



Photo 15

8613, 8617 Caughdenoy Road.



Photo 16

8611 Caughdenoy Road.



Photo 17

8607 Caughdenoy Road.



Photo 18

8587, 8603 Caughdenoy Road.



Photo 19

5064 NYS Route 31.



Photo 20

5117 NYS Route 31.



Photo 21

5117 NYS Route 31,
associated garage.



Photo 22

5170 NYS Route 31.



Photo 23

5170 NYS Route 31,
associated barn.



Photo 24

Proposed area of road
improvements along
Caughdenoy Road between
Verplank Road and Mud Mill
Road, view to the north.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 25

Proposed sewer line route,
west side of Caughdenoy
Road, view to the north.



Photo 26

Proposed sewer line route,
east side of Caughdenoy
Road, view to the north.



Photo 27

Proposed sewer line route,
east side of Caughdenoy
Road, view to the north.



Photo 28

Proposed sewer line route,
east side of Caughdenoy
Road, view to the north.



Photo 29

Proposed sewer line route,
west side of Caughdenoy
Road, view to the north.



Photo 30

Proposed sewer line route,
east side of Caughdenoy
Road, view to the north.



Photo 31

Proposed sewer line route,
west side of Caughdenoy
Road, view to the north.



Photo 32

Proposed sewer line route
adjacent to existing water line
from Caughdenoy Road, view
to the west.



Photo 33

Proposed sewer line route adjacent to existing water line from Grange Road, view to the southeast.



Photo 34

Proposed sewer line route adjacent to existing water line from Maple Road, view to the east.



Photo 35

Proposed sewer line route adjacent to existing water line from Maple Road, view to the west.



Photo 36

Proposed sewer line route adjacent to existing water line from Henry Clay Boulevard, view to the east.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 37

Proposed sewer line route adjacent to existing water line from Henry Clay Boulevard, view to the west.



Photo 38

Proposed sewer line route adjacent to existing water line from NYS Route 31, view to the south.



Photo 39

Proposed sewer line route adjacent to existing water line from NYS Route 31, view to the north.



Photo 40

Proposed sewer line route adjacent to existing water line from Verplank Road, view to the south.



Photo 41

Proposed sewer line route adjacent to existing water line from Verplank Road, view to the north.



Photo 42

View within Project site Area 1, depicting conditions east of 8664 Caughdenoy Road. View to the west.



Photo 43

View within Project site Area 1, with EDR personnel completing shovel tests near tree line. View to the east.



Photo 44

View within Project site Area 1, with EDR personnel completing shovel tests. View to the southeast.



Photo 45

View within Project site Area 1, depicting conditions east of 8676 Caughdenoy Road (with structures visible in background). View to the west.



Photo 46

View of field and forested area within Project site Area 1, with EDR personnel completing shovel tests. View to the north.



Photo 47

View within Project site Area 2, depicting conditions along existing transmission line corridor. View to the southeast.



Photo 48

View within Project site Area 2, depicting conditions along existing transmission line corridor. View to the southwest.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013

Sheet 24 of 56



Photo 49

View within Project site Area 2, depicting conditions near Caughdenoy Road, junction of CSX railroad crossing, and transmission access road. View to the northwest.



Photo 50

View within Project site Area 2, depicting conditions east of Caughdenoy Road (adjacent to Caughdenoy Road MDS 1 & abandoned driveway). View to the west.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 51

View within Project site Area 2, depicting conditions east of Caughdenoy Road (adjacent to Caughdenoy Road MDS 1). View to the southeast.



Photo 52

View between Project site Areas 2 & 3, depicting conditions south of wooded area bordering transmission line corridor. View to the north.



Photo 53

View between Project site Areas 2 & 3, depicting conditions along border between wooded area and open field. View to the southeast.



Photo 54

View within Project site Area 3, depicting conditions within dense wooded area. View to the north.



Photo 55

View within Project site Area 4, depicting conditions within dense wooded area. View to the north.



Photo 56

View within Project site Area 4, depicting conditions within open wooded area. View to the northwest.



Photo 57

View within Project site Area 4, depicting conditions within dense wooded area. View to the west.



Photo 58

View within Project site Area 4, depicting conditions within open wooded area. View to the northwest.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 59

View within Project site Area 5, depicting conditions within open wooded area along esker. View to the south.



Photo 60

View within Project site Area 5, depicting conditions within wooded area along esker. View to the northwest.



Photo 61

View within Project site Area 5, depicting conditions within wooded area along esker. View to the southeast.



Photo 62

View within Project site Area 5, depicting conditions within wooded area along esker. View to the east.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 63

View within Project site Area 6, depicting conditions within dense wooded area. View to the northwest.



Photo 64

View within Project site Area 6, depicting conditions within dense wooded area. View to the west.



Photo 65

View within Project site Area 6, depicting conditions within dense wooded area. View to the southeast.



Photo 66

View along sewer line route, depicting conditions adjacent to wetland. View to the west.



Photo 67

View along sewer line route, depicting wetland conditions. View to the southwest.



Photo 68

View along sewer line route, depicting marked-out gas line along eastern edge of Maple Road. View to the south.

White Pine Commerce Park

Town of Clay, Onondaga County, New York

Appendix A: Photographs

September 2013



Photo 69

View along sewer line route, depicting marked-out buried telecommunications line along western edge of Henry Clay Boulevard. View to the north.



Photo 70

EDR personnel conducting pedestrian survey along sewer line in agricultural field west of Henry Clay Boulevard. View to the east.



Photo 71

View along sewer line route, depicting buried gas line running north-south across sewer line route. View to the north.



Photo 72

View along sewer line route, depicting built conditions near to NY State Route 31. View to the north.



Photo 73

View along sewer line route, depicting buried gas line running east-west across sewer line route. View to the west.



Photo 74

View along sewer line route, depicting marked-out buried telecommunications line along southern edge of Verplanck Road. View to the east.



Photo 75

View of former house site at
Caughdenoy Road MDS 1.
View to the east.



Photo 76

View of former house site-
Caughdenoy Road MDS 1.
View to the south.



Photo 77

View of former garage/carport foundation (Feature B1) located within Caughdenoy Road MDS 1. View to the southeast.



Photo 78

View of concrete foundation of a silo (Feature B2) within Caughdenoy Road MDS 1. View to the east.



Photo 79

View of fieldstone/concrete foundation segment (Feature B3) of probable barn located within Caughdenoy Road MDS 1. View to the east.



Photo 80

Detail of fieldstone/concrete barn foundation (Feature B3) within Caughdenoy Road MDS 1. View to the south.



Photo 81

Detail view of concrete block-lined well or cistern (Feature B4), with corrugated sheet metal cover, located within Caughdenoy Road MDS 1.



Photo 82

Detail of push-pile and refuse mound located east of former house site at Caughdenoy Road MDS 1. View to the northeast.



Photo 83

View of former house site at
Caughdenoy Road MDS 2.
View to the east.



Photo 84

View of dense Japanese knot-
weed growth in area of former
house site within Caughdenoy
Road MDS 2. View to the
west.



Photo 85

View of barn foundation
(Feature C1) and depression
at Caughdenoy Road MDS 2.
View to the southwest.



Photo 86

View of barn foundation
(Feature C1) and depression
at Caughdenoy Road MDS 2.
View to the northeast.



Photo 87

View of barn foundation (Feature C1) at Caughdenoy Road MDS 2. View to the southeast.



Photo 88

View of barn foundation (Feature C1) at Caughdenoy Road MDS 2. View to the southeast.



Photo 89

View of concrete silo (Feature C2) at Caughdenoy Road MDS 2. View to the south.



Photo 90

View of modern well (Feature C3) east of barn foundation at Caughdenoy Road MDS 2. View to the north.



Photo 91

Detail of dry-laid, stone-lined well (Feature C4) located along northern edge of Japanese knotweed growth within Caughdenoy Road MDS 2.



Photo 92

View of dry-laid, debris-filled fieldstone well (Feature C5) south of barn foundation at Caughdenoy Road MDS 2. View to the north.



Photo 93

View of rubble mound (Feature C6) located within former house site at Caughdenoy Road MDS 2. View to the southwest.



Photo 94

View of rubble mound (Feature C6) located within former house site at Caughdenoy Road MDS 2. View to the southeast.



Photo 95

Detail of bottles and jars located among rubble mound (Feature C6) at Caughdenoy Road MDS 2.



Photo 96

View of modern well (Feature C7) west of barn foundation at Caughdenoy Road MDS 2. View to the southwest.



Photo 97

View of field stone pile (Feature C8) at Caughdenoy Road MDS 2. View to the east.



Photo 98

Representative selection of ceramic artifacts recovered from the archeological survey of Caughdenoy Road MDS 1.



Photo 99

Representative selection of metal artifacts recovered from the archeological survey of Caughdenoy Road MDS 1.



Photo 100

Additional representative selection of metal artifacts recovered from the archeological survey of Caughdenoy Road MDS 1.



Photo 101

Representative selection of glass artifacts recovered the archeological survey of Caughdenoy Road MDS 1.



Photo 102

Representative selection of bone/osteological remains recovered the archeological survey of Caughdenoy Road MDS 1.



Photo 103

Representative selection of other miscellaneous cultural materials recovered the archeological survey of Caughdenoy Road MDS 1. Pictured: roofing shingle, brick fragment, coal ash, modern plastic.



Photo 104

Representative selection of ceramic artifacts recovered the archeological survey of Caughdenoy Road MDS 2.



Photo 105

Representative selection of glass artifacts recovered the archeological survey of Caughdenoy Road MDS 2.



Photo 106

Representative selection of coal and coal ash recovered the archeological survey of Caughdenoy Road MDS 2.



Photo 107

Representative selection of architectural metal artifacts recovered the archeological survey of Caughdenoy Road MDS 2.



Photo 108

Representative selection of miscellaneous other metal artifacts recovered from the archeological survey of Caughdenoy Road MDS 2. Pictured: 12-gauge shotgun cartridge, hose clamp, .22 caliber bullet casing, button, coated signage, and other fragments.



Photo 109

Representative selection of brick fragments recovered from shovel testing from the archeological survey of Caughdenoy Road MDS 2.



Photo 110

Representative selection of other architectural materials recovered from the archeological survey of Caughdenoy Road MDS 2. Pictured: stone slab with mortar, previously attached to larger architectural stone.



Photo 111

Representative selection of other architectural materials recovered from the archeological survey of Caughdenoy Road MDS 2. Pictured: brick fragments with large mortar fragment.



Photo 112

Representative selection of miscellaneous artifacts recovered from the archeological survey of Caughdenoy Road MDS 2.

Appendix B:
NYSOPRHP 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

04002 - 23854
5/12/98 SHPO Response to Lead Agency
C

May 12, 1998

Kristine R. Such
Permit Coordinator
Governor's Office of Regulatory Reform
17th Floor, A.E. Smith Building
PO Box 7027
Albany, NY 12225

Dear Ms. Such:

RE: ESDC

Chip Fab 98 - 255 Acre Parcel
Intersection of Rt 31 & Caughdenoy
Clay, Onondaga County
98PR0600

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966.

Based upon this review, it is the SHPO's opinion that your project will have No Effect upon cultural resources in or eligible for inclusion in the National Register of Historic Places.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont

Ruth L. Pierpont
Director, Historic Preservation
Field Services Bureau

RLP:rma

Enclosure/Master Application Response Form
cc: Donald J. Western

Governor's Office of Regulatory Reform
Alfred E. Smith Office Building
P.O. Box 7027, 17th Floor
Albany, New York 12225

MASTER APPLICATION -- RESPONSE FORM

Instructions: Please complete this form and return it to the above address along with a list of required permits, permit application forms and a list of permit fees, if any. The Governor's Office of Regulatory Reform must receive this official response within fifteen (15) business days of your agency's receipt of the Master Application.

Agency Name & Address

NYS Office of Parks, Recreation &
Historic Preservation
Peebles Island State Park
Waterford, NY 12188

The above listed agency has reviewed the Master Application Project Information Form for:

Town of Clay

98030433

Company Name

MAP Number

Based upon the information received to date, it is determined that:

☒ NO PERMITS ARE REQUIRED by this agency for this project.

☐ PERMITS ARE REQUIRED by this agency for this project. A list identifying the permits and stating the related fees is attached. The required permit application(s) is/are attached.

☐ NO PERMITS ARE REQUIRED but informational materials are enclosed.

Bob Kuhn

Name (type or print)

Bob Kuhn

Signature

Historic Preservation Program Coordinator

Title

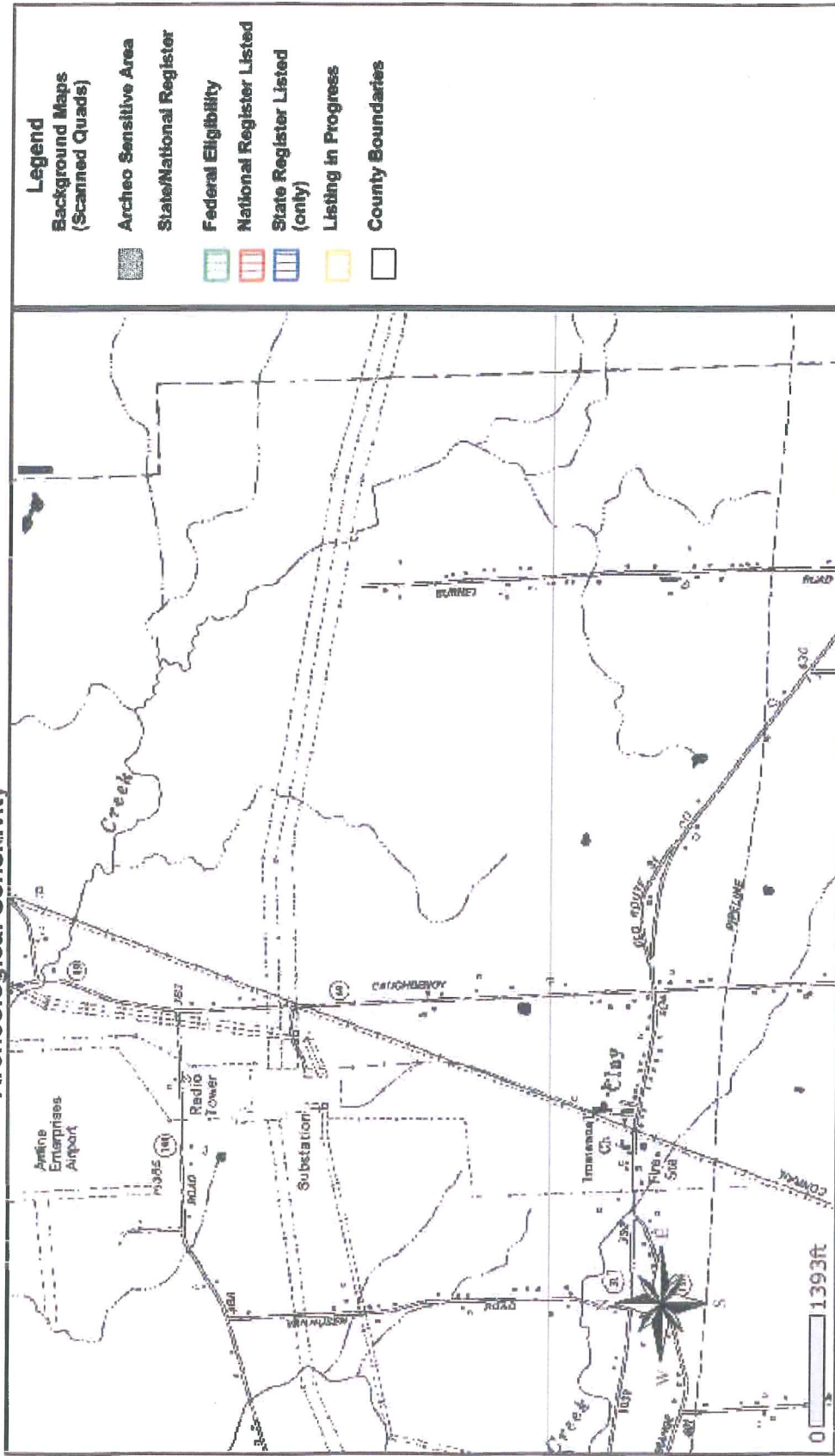
5/11/98

Date

237-8643 & 255

Telephone Number

Clay Business Park - Archeological Sensitivity



Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

March 24, 2010



letter of transmittal

To: Nancy Herter **edr Project No:** 12062
Company: New York State Office of Parks, Recreation & Historic Preservation
P.O. Box 189
Waterford, NY 12188-0189
From: Patrick J. Heaton, RPA
Date: September 19, 2012
RE: Clay Business Park (Town of Clay, Onondaga County)
SHPO Project Review Request
Phase 1A Cultural Resources Survey
We are sending: Attached
Sent VIA: USPS

Comments:

On behalf of CHA and the Onondaga County Industrial Development Agency (OCIDA), **edr Companies (edr)** prepared the enclosed Project Review Cover Form and Phase 1A Cultural Resources Survey for the proposed Clay Business Park Project, located in the Town of Clay, in Onondaga County, New York. If you have any questions or require additional information, please contact Patrick Heaton at pheaton@edrcompanies.com or (315) 471-0688.

Copies To: W. Kalina (CHA – via email); file

If enclosures are not as indicated, kindly notify us.



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

Andrew M. Cuomo
Governor

Rose Harvey
Commissioner

16 October 2012

Mr. Patrick Heaton
edr Companies
217 Montgomery Street
Syracuse, NY 13202

Re: CORPS PERMITS
Clay Business Park
Town of Clay, Onondaga County
12PR04065

Dear Mr. Heaton:

The State Historic Preservation Office (SHPO) has reviewed the information submitted for this project (*Phase 1A Cultural Resources Survey, Clay Business Park, Town of Clay, Onondaga County, New York*; dated September 2012, prepared by edr Companies). Our review has been in accordance with Section 106 of the National Historic Preservation Act and relevant implementing regulations.

Thank you for submitting this report. SHPO has the following comments regarding the report's contents and recommendations.

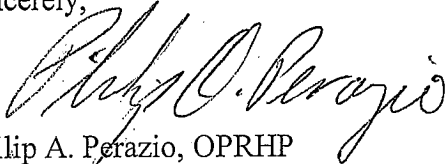
1. SHPO does not concur with the report's recommendation regarding the exclusion of much of the project's Area of Potential Effects (APE) from archaeological testing based on the interpretation that due to relatively poor drainage much of the area has a low potential for the presence of Native American sites. The information provided in the report indicates that of the three predominant soil series found within the APE, two of these, Collamer and Ontario, which together represent 42% of the area, are moderately well or well drained. In addition, a number of the less abundant soil types present within the APE also are relatively better drained. Examination of Figure 4 in the report reveals a mosaic of soil types with differing drainage characteristics. The juxtaposition of relatively better and more poorly drained soils creates conditions of biodiversity and resource abundance which are often associated with Native American occupation and/or resource procurement.
2. Based on the above, SHPO recommends that the entire APE should be examined in accordance with published guidance. Please note that wetlands are not automatically exempted from the need for field testing. Minor topographic variation within areas broadly defined as wetlands frequently provide better drained locations, sometimes small, which were used as temporary bases for resource collection. Furthermore, climatic variation through the precontact period may have created, at times in the past, dry areas which are now wet.

3. As a possible alternative to conducting a Phase IB survey of the entire APE at this time, consideration may be given to the establishment of a Programmatic Agreement (PA) which would permit survey of discrete portions of the APE as development progresses.
4. SHPO strongly recommends that the Corps of Engineers be consulted as soon as possible regarding the need to undertake Native American consultation for this project.
5. Please remove Figure 5 from the report. Archaeological site locations not directly within a project's APE should not be displayed in a public document.

SHPO requests revision of the Phase IA report based on the preceding comments.

If you have any questions please don't hesitate to contact me.

Sincerely,



Philip A. Perazio, OPRHP

Phone: 518-237-8643 x3276; FAX: 518-233-9049

Email: Philip.Perazio@parks.ny.gov

Cc: Mary Beth Primo, OCIDA (via email)
Bridget Brown, USACOE (via email)



memorandum

To: Walt Kalina, CHA **edr Project No:** 12062
From: Patrick Heaton
Date: March 19, 2013
Reference: Clay Business Park
Call with NYSOPRHP re: Phase 1A Cultural Resources Survey

Comments:

On March 19, 2013, Patrick Heaton (edr Companies) spoke with Phillip Perazio at New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP) regarding the proposed Clay Business Park project in the Town of Clay, Onondaga County, NY. Previously, edr prepared a Phase 1A Cultural Resources Survey for the project on behalf of CHA and the Onondaga County Industrial Development Authority (OCIDA), which was submitted to NYSOPRHP for their review in September, 2012. NYSOPRHP issued a review letter (authored by Mr. Perazio) on October 16, 2012 in response to the report.

In preparation for the call, edr emailed to Mr. Perazio the following additional materials:

1. A map entitled "Existing Site Conditions" prepared by CHA that was not included in the Phase 1A, which shows the extents of wetlands and limits of developable areas on the site (approximately 187 acres of the 340-acre site are developable). The extent of wetlands on the site (as shown on this map) and lack of topographic relief informed edr's statement in the Phase 1A that the site is generally characterized by poorly drained soils.
2. An earlier NYSOPRHP response from May, 1998 (which was appended to the Phase 1A) that indicates NYSOPRHP had no concerns with the 255-acre parcel that makes up the southern part of the 340-acre Clay Business Park project site. Note that this response includes a form that indicates "no permits required" signed by Robert Kuhn as Historic Preservation Program Coordinator.
3. A map showing the extent of the 255-acre portion of the project site that was previously reviewed by NYSOPRHP.

These materials are also attached to this memo.

edr's discussion with Mr. Perazio can be summarized as follows:

1. edr indicated that the purpose of the call was to respond to NYSOPRHP's review letter.
2. edr stated it was OCIDA's goal to avoid or limit the need for Phase 1B archeological survey at the site.
3. edr referenced the 1998 NYSOPRHP letter and inquired if the previous evaluation of the 255-acre portion of the site is applicable.

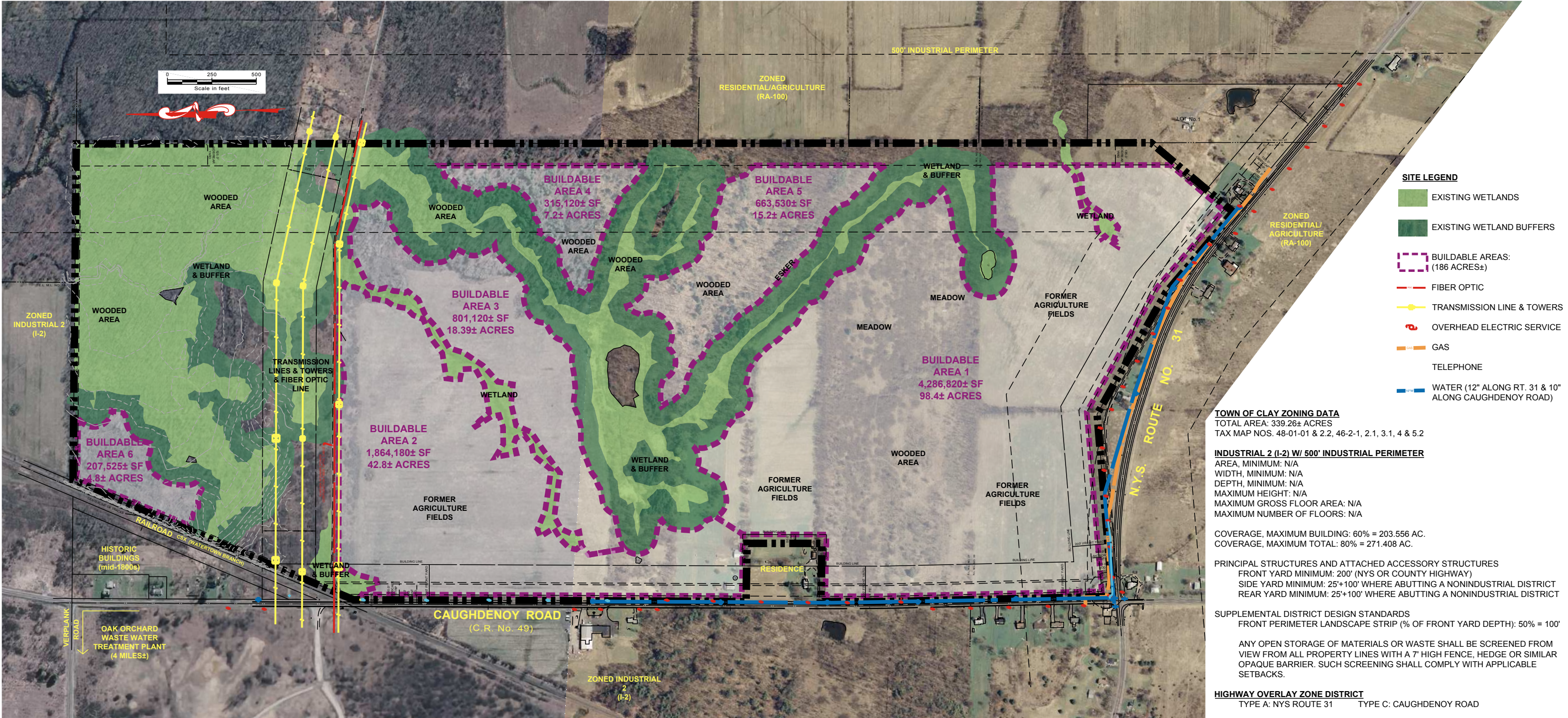
Mr. Walt Kalina
Clay Business Park – Phase 1A Cultural Resources Survey
March 19, 2013
Page 2

4. NYSOPRHP indicated that the 1998 letter is outdated and no longer applicable. Mr. Perazio referenced the 2005 Phase 1 Cultural Resources Survey Report guidelines, issued by NYSOPRHP, and that the earlier letter reflects outdated standards/rationale because it pre-dates those guidelines. The 1998 letter indicates “No Permits Are Required”. However, the current project requires a wetlands permit from the U.S. Army Corps of Engineers. In addition, Mr. Perazio referred to a recent New York State Museum (NYSM) volume regarding the significance of small prehistoric archeological sites (or lithic scatters; NYSM Bulletin 508). He stated that these references contribute to current standards for evaluating archeological sensitivity in NYS.
5. Mr. Perazio acknowledged that the “Existing Site Conditions” map prepared by CHA helped to clarify NYSOPRHP’s understanding of the extent of wetlands and topographic character of the site.
6. NYSOPRHP indicated that in addition to the area around the esker and the two map-documented structures identified in the Phase 1A report, the areas along the fringes of the wetlands should also be considered archeologically sensitive because they represent marginal/boundary areas between ecotones, which are typically high-resource areas favored by hunter-gatherers (i.e., prehistoric Native American populations).
7. NYSOPRHP recommended that an appropriate Phase 1B testing strategy for the project site would be shovel testing at 50-foot intervals (in accordance with the New York State standards) in the following areas:
 - a. The vicinity of the esker.
 - b. The areas around the two map-documented structures depicted on historic maps. The NYSOPRHP 2005 Guidelines indicate that shovel tests should be dug at 7.5 meter (25 foot) intervals in yard areas of standing or map-documented historic structures.
 - c. Within all areas identified as “Buildable Areas” on CHA’s “Existing Site Conditions” map, a 100-foot-wide strip along the edges of wetlands and wetland buffers. In these areas shovel tests should be excavated in three parallel transects (along the edge of the wetland/wetland buffer boundary, 50 feet perpendicular to the wetland/wetland buffer boundary, and 100 feet from the wetland/wetland buffer boundary).
8. Other than these areas, NYSOPRHP recommended that Phase 1B testing would not be necessary in the remaining portions of the 355-acre project site.

Please contact Patrick Heaton at pheaton@edrcompanies.com or 315.471.0688 if you have any questions or comments on these minutes.

Attachments: “Existing Site Conditions” map (prepared by CHA); 1998 SHPO Letter; Parcel Map.

Copies To: file



SITE LEGEND

- EXISTING WETLANDS
- EXISTING WETLAND BUFFERS
- BUILDABLE AREAS: (186 ACRES±)
- FIBER OPTIC
- TRANSMISSION LINE & TOWERS
- OVERHEAD ELECTRIC SERVICE
- GAS
- TELEPHONE
- WATER (12" ALONG RT. 31 & 10" ALONG CAUGHDENY ROAD)

TOWN OF CLAY ZONING DATA

TOTAL AREA: 339.26± ACRES
TAX MAP NOS. 48-01-01 & 2.2, 46-2-1, 2.1, 3.1, 4 & 5.2

INDUSTRIAL 2 (I-2) W/ 500' INDUSTRIAL PERIMETER

AREA, MINIMUM: N/A
WIDTH, MINIMUM: N/A
DEPTH, MINIMUM: N/A
MAXIMUM HEIGHT: N/A
MAXIMUM GROSS FLOOR AREA: N/A
MAXIMUM NUMBER OF FLOORS: N/A

COVERAGE, MAXIMUM BUILDING: 60% = 203.556 AC.
COVERAGE, MAXIMUM TOTAL: 80% = 271.408 AC.

PRINCIPAL STRUCTURES AND ATTACHED ACCESSORY STRUCTURES
FRONT YARD MINIMUM: 200' (NYS OR COUNTY HIGHWAY)
SIDE YARD MINIMUM: 25'+100' WHERE ABUTTING A NONINDUSTRIAL DISTRICT
REAR YARD MINIMUM: 25'+100' WHERE ABUTTING A NONINDUSTRIAL DISTRICT

SUPPLEMENTAL DISTRICT DESIGN STANDARDS
FRONT PERIMETER LANDSCAPE STRIP (% OF FRONT YARD DEPTH): 50% = 100'

ANY OPEN STORAGE OF MATERIALS OR WASTE SHALL BE SCREENED FROM VIEW FROM ALL PROPERTY LINES WITH A 7' HIGH FENCE, HEDGE OR SIMILAR OPAQUE BARRIER. SUCH SCREENING SHALL COMPLY WITH APPLICABLE SETBACKS.

HIGHWAY OVERLAY ZONE DISTRICT

TYPE A: NYS ROUTE 31 TYPE C: CAUGHDENY ROAD

LOT DEPTH, MINIMUM: 200'
LOT FRONTAGE, MINIMUM: 200'
PRINCIPAL STRUCTURE: TYPE A: 165' TYPE C: 115'
ACCESSORY STRUCTURE: TYPE A: 115' TYPE C: 65'
PARKING AREA: TYPE A: 90' TYPE C: 55'

CORNER LOT REQUIREMENTS
(A) MINIMUM DEPTH, MEASURED ALONG THE NONDESIGNATED ROW, OF 250' FROM THE TYPE A, B, OR C HIGHWAY RIGHT-OF-WAY EDGE.
(B) DRIVEWAY ACCESS FOR A CORNER NO CLOSER THAN 100' TO THE INTERSECTION OF THE HIGHWAY RIGHT-OF-WAY LINES.
(C) WITHIN THE TRIANGULAR AREA FORMED BY THE INTERSECTION OF 2 RIGHT-OF-WAY LINES AND A THIRD LINE JOINING THEM AT POINTS 50' AWAY FROM THEIR INTERSECTION, THERE SHALL BE NO PLANTING OR STRUCTURES WHICH OBSTRUCT MOTORISTS' VISION OR DIMINISH HIGHWAY SIGHT DISTANCE.

PARKING

	MIN. PARKING SPACES	MIN. LOADING SPACES
OFFICE, NON-CLIENT-BASED		
LESS THAN 4,000 SQ. FT.	4/1,000 SQ. FT.	0
4,000 TO 15,000 SQ. FT.	3/1,000 SQ. FT.	0
GREATER THAN 15,000 SQ. FT.	2/1,000 SQ. FT.	1/50,000 SQ. FT.
PRODUCTION SITE (MANUFACTURING)	4/1,000 SQ. FT.	1/30,000 SQ. FT.
STORAGE SITE (WAREHOUSING)	0.5/1,000 SQ. FT.	1/50,000 SQ. FT.

PARKING SPACE SIZE: 9.5'X20' WITH A 20' DRIVE AISLE
HANDICAP PARKING: FOLLOW THE REQUIREMENTS OF NYS BUILDING CODE
LOADING SPACE SIZE: 12'X55' WITH A HEIGHT CLEARANCE OF 14'

prepared for:



prepared by:

Drawing Copyright © 2012



441 South Salina Street • Syracuse, NY 13202-4712
Main: (315) 471-3920 • www.chacompanies.com

EXISTING SITE CONDITIONS

CLAY BUSINESS PARK

SCALE: 1"=250'

FIGURE: 2.1-1

04002 - 23854
5/12/98 SHPO Response to Lead Agency
C



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

May 12, 1998

Kristine R. Such
Permit Coordinator
Governor's Office of Regulatory Reform
17th Floor, A.E. Smith Building
PO Box 7027
Albany, NY 12225

Dear Ms. Such:

RE: ESDC

Chip Fab 98 - 255 Acre Parcel
Intersection of Rt 31 & Caughdenoy
Clay, Onondaga County
98PR0600

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966.

Based upon this review, it is the SHPO's opinion that your project will have No Effect upon cultural resources in or eligible for inclusion in the National Register of Historic Places.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont

Ruth L. Pierpont
Director, Historic Preservation
Field Services Bureau

RLP:rma

Enclosure/Master Application Response Form
cc: Donald J. Western

Governor's Office of Regulatory Reform
Alfred E. Smith Office Building
P.O. Box 7027, 17th Floor
Albany, New York 12225

MASTER APPLICATION -- RESPONSE FORM

Instructions: Please complete this form and return it to the above address along with a list of required permits, permit application forms and a list of permit fees, if any. The Governor's Office of Regulatory Reform must receive this official response within fifteen (15) business days of your agency's receipt of the Master Application.

Agency Name & Address

NYS Office of Parks, Recreation &
Historic Preservation
Peebles Island State Park
Waterford, NY 12188

The above listed agency has reviewed the Master Application Project Information Form for:

Town of Clay

98030433

Company Name

MAP Number

Based upon the information received to date, it is determined that:

☒ NO PERMITS ARE REQUIRED by this agency for this project.

☐ PERMITS ARE REQUIRED by this agency for this project. A list identifying the permits and stating the related fees is attached. The required permit application(s) is/are attached.

☐ NO PERMITS ARE REQUIRED but informational materials are enclosed.

Bob Kuhn

Name (type or print)

Bob Kuhn

Signature

Historic Preservation Program Coordinator

Title

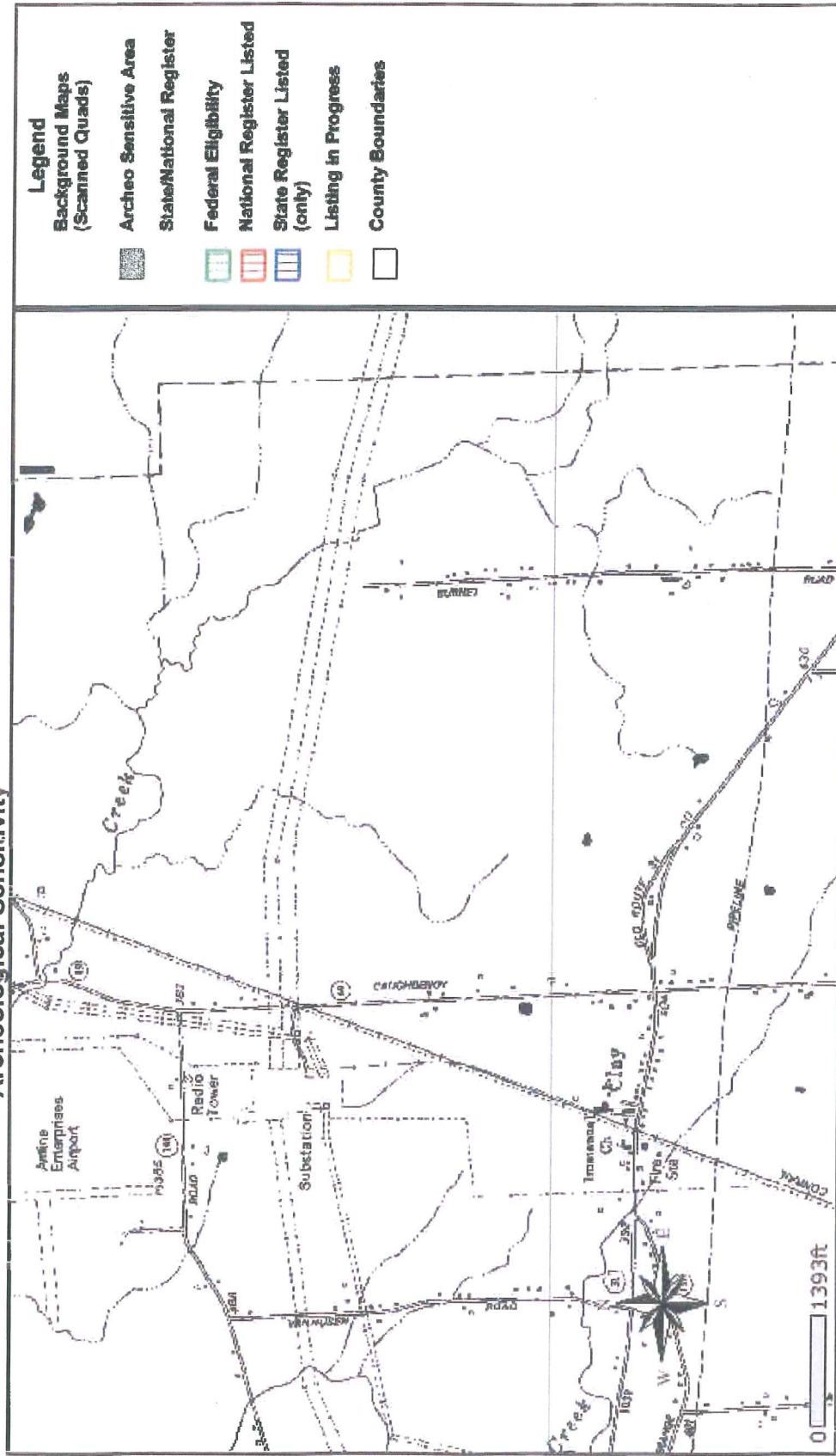
5/11/98

Date

237-8643 & 255

Telephone Number

Clay Business Park - Archeological Sensitivity

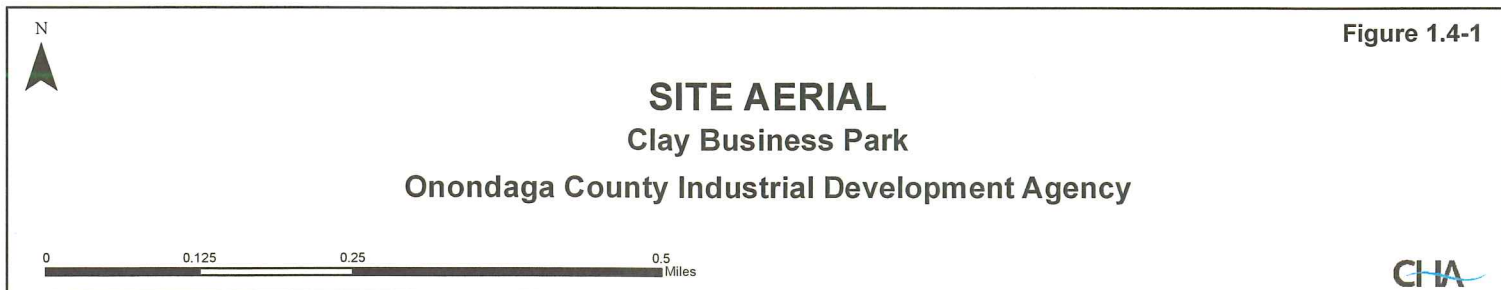


March 24, 2010

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.



Figure 1.4-1



From: [Perazio, Philip \(PEB\)](#)
To: [Pat Heaton](#)
Cc: [Walt Kalina \(wkalina@chacompanies.com\)](#); [MaryBethPrimo@ongov.net](#)
Subject: RE: 12PR04065 (Clay Business Park)
Date: Monday, May 06, 2013 9:20:08 AM

Pat –

With regard to Wetland D, you say it is not mapped as containing hydric soils, suggesting either that it falls below the spatial threshold of the soil survey or that the wet conditions are a relatively recent development. In either case, I concur that this area can be eliminated from the area to be tested.

Philip.

Philip A. Perazio (PEB)
Historic Preservation Program Analyst - Archaeology Unit
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [mailto:Pheaton@edrcompanies.com]
Sent: Monday, April 15, 2013 1:39 PM
To: Perazio, Philip (PEB)
Cc: Walt Kalina (wkalina@chacompanies.com); MaryBethPrimo@ongov.net
Subject: RE: 12PR04065 (Clay Business Park)

Hi Phil

I met last week with OCIDA and their environmental consultants (CHA) to review our discussion re: the Phase 1B for the Clay Business Park site. In general the rationale for testing along wetland buffer/edge areas was well understood by the meeting participants. During this discussion, CHA and OCIDA observed that one of the wetlands on the site (Wetland D, see description from wetland delineation report below, noted on attached map, also Photo 5 from Phase 1A report - attached) was a very low quality wetland that consists of a low-relief swale with invasive vegetation that runs through a successional field. It was observed that this wetland was until very recently actively farmed and that if farming was ongoing now there would be no wetland there. Wetland D is unlike the other wetlands on-site, which in general include well defined water courses and more distinct boundaries between wetland and upland areas. For these reasons, OCIDA would like to request that Phase 1B archeological testing not be required along/around Wetland D. The Phase 1B would be conducted as you requested around the remaining wetlands on the site. Please let me know if this approach is acceptable.

From Wetland Delineation Report (Terrestrial Environmental Specialists, Inc., 2012):

Wetland D

Wetland D is approximately 4.16 acre in size, and was found in the north-central portion of the site (Figure 8). Wetland D is a mix of wet meadow and scrub-shrub wetland cover types.

There was no tree or shrub layer in the wet meadow portion of the Wetland D. Reed canary grass and purple loosestrife dominated the herbaceous layer.

The scrub-shrub portion of Wetland D contained no tree layer but was dominated by silky dogwood and gray dogwood in the shrub layer. New England aster and mannagrass

dominated the herbaceous layer.

While not located in an area of mapped hydric soils, or soils with potential hydric inclusions, soils within Wetland D showed low matrix chromas with mottles in the B-horizon and had redoximorphic features.

Hydrology indicators in the wet meadow portion of wetland D contained drainage patterns. The scrub-shrub portion included inundation and saturation in the upper 12 inches. Water from this wetland drains north into Wetland E/I.

In addition, it's worth noting that Wetland D is a federal wetland and it is OCIDA's intent (as stated in the Draft GEIS) to have future development avoid Wetland D and all other wetlands. The wetlands with 100 foot buffers are State (DEC-protected) wetlands. If a future tenant needs to impact that wetland that future tenant will need to pursue a wetlands permit at that time.

Thanks, Pat

Patrick Heaton
Project Manager

Environmental Design & Research,
Landscape Architecture and Engineering, P.C. (edr)
217 Montgomery Street, Suite 1000, Syracuse, New York 13202
P. 315.471.0688 :: C. 315.391.3021 :: F. 315.471.1061
E. pheaton@edrcompanies.com :: www.edrcompanies.com

edr is a certified WBE/DBE/SBE.

You can also check out what we're up to on [Facebook](#) and [LinkedIn](#).

From: Perazio, Philip (PEB) [<mailto:Philip.Perazio@parks.ny.gov>]
Sent: Thursday, March 21, 2013 1:28 PM
To: Pat Heaton
Cc: Walt Kalina (wkalina@chacompanies.com)
Subject: RE: 12PR04065 (Clay Business Park)

Pat –

I've made two additions to your document. First, the 1998 letter indicates that "No Permits Are Required". However, it is our understanding that the current project requires a wetlands permit from the Corps. Therefore, it is subject to Section 106 of the National Historic Preservation Act. Second, the 2005 OPRHP report guidelines state that shovel testing in yard areas associated with standing historic buildings or map-documented structures should be undertaken at 7.5-meter (25-foot) intervals.

Otherwise, I concur with your summary.

Philip.

Philip A. Perazio (PEB)
Historic Preservation Program Analyst - Archaeology Unit
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [<mailto:Pheaton@edrcompanies.com>]

Sent: Thursday, March 21, 2013 11:54 AM
To: Perazio, Philip (PEB)
Cc: Walt Kalina (wkalina@chacompanies.com)
Subject: RE: 12PR04065 (Clay Business Park)

Hi Phil

Please review the attached minutes from our call the other day. I'd appreciate it if you would track any changes and send back to me. If you don't have any edits then please let me know that too.

Thanks for your help,

Pat

Patrick Heaton

Project Manager

edr Companies

From: Perazio, Philip (PEB) [<mailto:Philip.Perazio@parks.ny.gov>]
Sent: Tuesday, March 19, 2013 8:26 AM
To: Pat Heaton
Subject: RE: 12PR04065 (Clay Business Park)

3 it is.

Philip A. Perazio (PEB)
Historic Preservation Program Analyst - Archaeology Unit
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [<mailto:Pheaton@edrcompanies.com>]
Sent: Monday, March 18, 2013 5:07 PM
To: Perazio, Philip (PEB)
Subject: RE: 12PR04065 (Clay Business Park)

Hi Phil

I realized I have a scheduled meeting at 1:00 tomorrow. Will 3:00 work for you? (in case my meeting is not wrapped up at 2).

Thanks,

Pat

Patrick Heaton

Project Manager

edr Companies

From: Perazio, Philip (PEB) [<mailto:Philip.Perazio@parks.ny.gov>]
Sent: Monday, March 18, 2013 3:18 PM
To: Pat Heaton
Subject: RE: 12PR04065 (Clay Business Park)

Why don't we shoot for 2 tomorrow afternoon? We're forecast to get a fair amount of snow here overnight, but I should be in by the afternoon.

Philip.

Philip A. Perazio (PEB)
Historic Preservation Program Analyst - Archaeology Unit
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [<mailto:Pheaton@edrcompanies.com>]
Sent: Monday, March 18, 2013 1:40 PM
To: Perazio, Philip (PEB)
Subject: 12PR04065 (Clay Business Park)

Hi Phil

I would like to schedule a call with you to discuss OPRHP's response to the Phase 1A report we submitted for the Clay Business Park in September 2012 (your response was dated October 16, 2012). After reviewing your comments and considering the information presented in the Phase 1A report, I would like to discuss the recommended level of effort for a Phase 1B survey at the site. I have attached for your consideration and for discussion during this call:

- a map entitled "Existing Site Conditions" prepared by CHA that was not included in the Phase 1A (it should have been, and will be included in the revised report) that shows the extents of wetlands and limits of developable areas on the site (approximately 187 acres of the 340-acre site are developable). The extent of wetlands on the site (as shown on this map) and lack of topographic relief informed our statement that the site is generally characterized by poorly drained soils.
- an earlier NYSOPRHP response from May, 1998 (which was appended to the Phase 1A) that indicates NYSOPRHP has no concerns with the 255-acre parcel that makes up the southern part of the 340-acre Clay Business Park project site. Note that this response includes a form that indicates "no permits required" signed by Robert Kuhn as Historic Preservation Program Coordinator.
- A map showing the extent of the 255-acre portion of the project site that was previously reviewed by NYSOPRHP.

I would like to discuss these materials with you and revisit the discussion of whether a limited Phase 1B scope is appropriate for the site. Please let me know when you are available to discuss this and I will call you.

Thank you,

Patrick Heaton

Project Manager

edr Companies

217 Montgomery Street, Suite 1000, Syracuse, New York 13202

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edr is a certified WBE/DBE/SBE

From: [Pat Heaton](#)
To: [Pat Heaton](#)
Subject: RE: 12PR04065 (Clay Business Park)
Date: Friday, September 06, 2013 5:07:16 PM

From: Perazio, Philip (PEB) [<mailto:Philip.Perazio@parks.ny.gov>]
Sent: Monday, July 01, 2013 1:08 PM
To: Pat Heaton
Subject: RE: 12PR04065 (Clay Business Park)

Pat –

Go ahead with that.

Philip.

Philip A. Perazio (PEB)
Historic Preservation Program Analyst - Archaeology Unit
Division for Historic Preservation
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [<mailto:Pheaton@edrcompanies.com>]
Sent: Thursday, June 20, 2013 9:33 AM
To: Perazio, Philip (PEB)
Cc: Arron Kotlensky
Subject: RE: 12PR04065 (Clay Business Park)

Hi Philip

For most areas I'd like to propose 10%. There are 2 historic-period sites in the project area. We will include all of the shovel tests for these areas. In addition, if there are any other areas where the stratigraphy is significantly different or noteworthy then we will include those areas as well. Please let me know if this will be ok.

Thanks, Pat

Patrick Heaton
Project Manager

Environmental Design & Research,
Landscape Architecture and Engineering, P.C. ([edr](#))

From: Perazio, Philip (PEB) [<mailto:Philip.Perazio@parks.ny.gov>]
Sent: Wednesday, June 19, 2013 9:59 AM
To: Pat Heaton
Cc: Arron Kotlensky
Subject: RE: 12PR04065 (Clay Business Park)

What fraction of the tests do you propose to report?

Philip A. Perazio (PEB)

Historic Preservation Program Analyst - Archaeology Unit
Division for Historic Preservation
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island, PO Box 189, Waterford, NY 12188
Phone: (518) 237-8643 x 3276; FAX: 518-233-9049
Philip.Perazio@parks.ny.gov

From: Pat Heaton [<mailto:Pheaton@edrcompanies.com>]
Sent: Wednesday, June 19, 2013 9:18 AM
To: Perazio, Philip (PEB)
Cc: Arron Kotlensky
Subject: Re: 12PR04065 (Clay Business Park)

Hi Philip

We are currently conducting the phase 1B survey for the clay business park site. The approach you outlined of 3 transects along wetland boundary areas is working well. So far, with the exception of shovel tests in the vicinity of map-documented structures and infrequent historic-period field scatter, the results of shovel testing are all negative (no cultural material). The phase 1 guidelines request that all stratigraphic profiles be tabulated as an appendix for the report. In order to avoid the costs and time associated with data entry for 100s of negative shovel tests, I would like to request that we only provide records for representative shovel tests in most areas. We would still provide tabulated shovel tests for site area (both historic and, if we find any, prehistoric sites). We would also provide scanned copies of all field data for all of the shovel tests as an appendix on cd with the report. Please let me know if this would be acceptable. I will be in my office to discuss this if you would like on Thursday and Friday of this week. Thanks.

Pat Heaton

Appendix C:
Selected Shovel Test Stratigraphic Profiles

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
Archeological Survey Area 1 (representative 10% sample of shovel test profiles)				
1.1.01	0-25	10YR 4/1	silt loam, hydric, plowzone (APZ)	No Cultural Material (NCM); water 25 cm
1.1.10	0-30	10YR 4/1	silt loam, APZ	NCM; water 25 cm
1.1.20	0-26	10YR 3/3 mottled	silt loam	NCM
1.1.20	26-40	10YR 4/6	silt loam	NCM
1.1.30	0-22	10YR 4/3	silt loam	NCM
1.1.30	22-33	10YR 4/6	silt loam	NCM
1.1.40	0-30	10YR 4/3	silt loam	NCM
1.1.40	30-44	10YR 4/6 mottled	silt loam	NCM
1.1.50	0-23	10YR 3/3	silt loam	NCM
1.1.50	23-38	10YR 4/6	silt loam	NCM
1.1.60	0-22	10YR 4/3	silt loam	NCM
1.1.60	22-35	10YR 4/6	silt loam	NCM
1.1.70	0-26	10YR 4/3	silt loam	NCM
1.1.70	26-36	10YR 5/3	silt loam	NCM
1.1.80	0-26	10YR 4/3	silt loam	NCM
1.1.80	26-42	10YR 4/6	silt loam	NCM
1.1.90	0-25	10YR 3/2	silt loam	NCM
1.1.90	25-46	10YR 4/6	silt loam, inundated	NCM
1.1.100	0-25	10YR 3/3	silt loam, standing water	NCM
1.1.101	0-25	10YR 3/3	silt loam, standing water	NCM
1.2.01	0-29	10YR 4/3	silt loam	NCM
1.2.01	29-41	10YR 5/8	silty clay	NCM
1.2.10	0-27	10YR 4/3	silt loam	NCM
1.2.10	27-33	10YR 5/6	silty clay	NCM; filled with water
1.2.20	0-24	10YR 4/3	silt loam	NCM
1.2.20	24-27	10YR 5/8	silty clay	NCM; water
1.2.30	0-23	10YR 4/3	silt loam	NCM
1.2.30	23-33	10YR 5/6	silt clay loam	NCM
1.2.40	0-24	10YR 4/3	silt clay loam	NCM
1.2.40	24-34	10YR 5/6	silt clay loam	NCM
1.2.50	0-32	10YR 4/3	silt clay loam	NCM
1.2.50	32-43	10YR 2/2	silt clay loam	NCM; apparent agricultural filling or slope wash in low area
1.2.50	43-53	10YR 5/6	silt clay loam	NCM
1.2.60	0-22	10YR 4/3	silt clay loam	NCM
1.2.60	22-32	10YR 5/6	silt clay loam	NCM
1.2.70	0-18	10YR 4/4	silt clay loam	NCM
1.2.70	18-28	10YR 5/6	silt clay loam	NCM
1.2.80	0-24	10YR 4/4	silt clay loam	NCM
1.2.80	24-34	10YR 5/6	silt clay loam	NCM
1.2.90	0-27	10YR 4/4	silt clay loam	NCM
1.2.90	27-37	10YR 5/6	silt clay loam, water	NCM
1.2.100	0-18	10YR 4/4	silt clay loam	NCM
1.2.100	18-28	10YR 5/6	silt clay loam	NCM
1.2.110	0-20	10YR 4/3	silt clay loam	NCM
1.2.110	20-30	10YR 5/6	silt clay loam	NCM
1.2.112	0-10	10YR 4/3	silt clay loam	NCM
1.2.112	10-	water	Standing water	NCM
1.3.01	0-26	10YR 4/2	silt clay loam	NCM
1.3.01	26-40	10YR 5/3, 5/6	silty clay	NCM; water seepage
1.3.10	0-30	10YR 4/2	silt clay loam	NCM; small pebbles/cobbles

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
1.3.10	30-40	10YR 5/3, 5/6	silty clay	NCM
1.3.20	0-30	10YR 4/2	silt clay loam	NCM; water
1.3.30	0-30	10YR 3/3	silt loam	NCM
1.3.30	30-40	10YR 4/6	silt loam	NCM
1.3.40	0-27	10YR 3/4	silt loam	NCM
1.3.40	27-37	10YR 6/3	silt loam	NCM
1.3.50	0-33	10YR 3/2	clay loam	NCM
1.3.50	33-43	10YR 4/4	clay loam	NCM
1.3.60	0-33	10YR 3/3	silt loam	NCM
1.3.60	33-47	10YR 5/4	silt loam	NCM
1.3.70	0-30	10YR 3/2	clay loam	NCM
1.3.70	30-40	10YR 5/6	silty clay	NCM; water
1.3.80	0-30	10YR 5/2	clay loam	NCM
1.3.80	30-40	10YR 6/3, 5/6	silty clay	NCM
1.3.90	0-30	10YR 3/2	clay loam	NCM; water @ 37 cm
1.3.90	30-37	10YR 5/6	silty clay	NCM; water @ 37 cm
1.3.100	0-30	10YR 5/2	silty clay	NCM; water @ 30 cm; next to large old tree
1.3.105	0-27	10YR 3/1	silty clay	NCM
1.3.105	27-37	10YR 5/4	silty clay	NCM
Archeological Survey Area 2 (representative 10% sample of shovel test profiles)				
2.1.01	0-28	10YR 4/4	silt loam	NCM
2.1.01	28-42	10YR 5/6	silt loam	NCM
2.1.10	0-5	10YR 4/4	Gravel	NCM; w/in 25 ft of Transmission Line - heavy gravel
2.1.20	0-27	10YR 3/3	silt clay loam	NCM
2.1.20	27-40	10YR 4/4	silt clay loam	NCM
2.1.30	0-30	10YR 4/3	silt loam	NCM
2.1.30	30-42	10YR 4/6	silt clay loam, water	NCM
2.1.36	0-28	10YR 4/3	silt clay loam	NCM
2.1.36	28-39	10YR 5/4	silt clay loam	NCM
2.2.01	0-23	10YR 4/3	silt clay loam	NCM
2.2.01	23-33	10YR 5/5	silt clay loam	NCM
2.2.10	0-20	10YR 4/3	silt clay loam	NCM
2.2.10	20-30	10YR 5/6	silt clay loam	NCM
2.2.20	0-23	10YR 4/3	silt clay loam	NCM
2.2.20	23-33	10YR 5/4	silt clay loam, water	NCM
2.2.30	0-24	10YR 4/3	silt clay loam	NCM
2.2.30	24-34	10YR 4/6	silt clay loam	NCM
2.2.34	0-27	10YR 4/3	silt clay loam	NCM
2.2.34	27-37	10YR 4/6	silt clay loam	NCM
2.3.01	0-28	10YR 4/3	silt loam	NCM
2.3.01	28-38	10YR 5/6	silt loam	NCM
2.3.10	0-30	10YR 4/2	clay loam	NCM; water
2.3.20	0-28	10YR 3/4	clay loam	NCM; adjacent to MDS Site 1
2.3.20	28-38	10YR 5/4	silty clay	NCM
2.3.30	0-27	10YR 4/2	clay loam	NCM; soils wet
2.3.30	27-37	10YR 5/4, 6/3	silt loam	NCM; soils wet
2.3.38	0-32	10YR 5/2	clay loam	NCM
2.3.38	32-42	10YR 7/3, 5/8	silty clay	NCM
Archeological Survey Area 3 (representative 10% sample of shovel test profiles)				
3.1.01	0-25	10YR 5/4	silt loam - APZ	NCM
3.1.01	25-35	10YR 5/6, 6/4	silt clay loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
3.1.10	0-25	10YR 4/3	silt loam - APZ	NCM
3.1.10	25-36	10YR 5/6, 6/4	silty clay	NCM
3.1.20	0-3	sod	silt loam	NCM
3.1.20	3-30	10YR 5/4	silt loam	NCM
3.1.20	30-35	10YR 5/6	loam	NCM
3.1.30	5-22	10YR 5/4	silt loam	NCM
3.1.30	22-35	10YR 5/6	silt clay loam	NCM; inside copse
3.1.40	0-21	10YR 5/4	sandy loam	NCM
3.1.40	21-31	10YR 5/6	clay loam	NCM
3.1.50	0-32	10YR 4/6	silt loam	NCM
3.1.50	32-43	10YR 6/4	silt loam	NCM; heavy tree roots
3.1.60	0-22	10YR 4/3	silt loam	NCM
3.1.60	22-33	10YR 5/6	silt loam	NCM
3.1.65	0-23	10YR 4/4	silt loam	NCM
3.1.65	23-39	10YR 4/6	silt loam	1 square nail
3.2.01	0-30	10YR 3/3	silt loam	NCM
3.2.01	30-40	10YR 6/2, 5/8	silty clay	NCM
3.2.10	0-32	10YR 3/3	silt loam	NCM
3.2.10	32-47	10YR 6/2, 5/8	silty clay	NCM
3.2.20	0-3	sod	silt loam	NCM
3.2.20	3-25	10YR 4/4	silt clay loam	NCM
3.2.20	25-35	10YR 6/3	silt loam	NCM
3.2.30	0-24	10YR 4/4	silt loam	NCM
3.2.30	24-36	10YR 2/2, 7.5YR 5/6	silt clay loam	NCM
3.2.30	36-46	10YR 5/5	silt loam	NCM
3.2.40	0-24	10YR 4/4	silt loam	NCM
3.2.40	24-34	10YR 6/4	silt clay loam	NCM
3.2.50	0-20	10YR 4/3	silt clay loam	NCM
3.2.50	20-30	10YR 5/6	silt clay loam	NCM
3.2.60	0-22	10YR 4/4	silt clay loam	NCM
3.2.60	22-32	10YR 5/6	silt clay loam	NCM
3.2.62	0-32	10YR 4/4	silt clay loam	NCM
3.2.62	32-42	10YR 5/6	silt clay loam	NCM
3.3.01	0-24	10YR 3/3	silt loam	NCM
3.3.01	24-35	10YR 5/8, 6/2	silt loam	NCM
3.3.10	0-24	10YR 3/3	silt loam	NCM
3.3.10	24-36	10YR 5/8	silt loam	NCM
3.3.20	0-28	10YR 3/3	silt loam	NCM
3.3.20	28-38	10YR 6/2, 5/8	silty clay	NCM
3.3.30	0-30	10YR 3/3	silt loam	NCM
3.3.30	30-40	10YR 6/2, 5/8	silty clay	NCM
3.3.40	0-38	10YR 3/3	silt loam	NCM
3.3.40	38-48	10YR 6/2, 5/8	silty clay	NCM
3.3.50	0-34	10YR 3/3	clay loam	NCM
3.3.50	34-45	10YR 5/4	silty clay	NCM
3.3.55	0-30	10YR 4/2	clay loam	NCM
3.3.55	30-40	10YR 6/3, 5/6	silty clay	NCM
Archeological Survey Area 4 (representative 10% sample of shovel test profiles)				
4.1.01	0-22	10YR 3/3	silt loam	NCM
4.1.01	22-33	10YR 6/4	silt clay loam	NCM
4.1.10	0-21	10YR 5/4	silt loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
4.1.10	21-33	10YR 8/2	clay loam	NCM
4.1.20	0-31	10YR 3/2	silt loam	NCM
4.1.20	31-43	10YR 6/3	silt loam, water	NCM
4.1.30	0-19	10YR 4/4	silt loam	NCM
4.1.30	19-33	10YR 4/6	silt loam	NCM
4.1.40	0-12	10YR 3/2	silt loam	NCM
4.1.40	12-31	10YR 6/1, 4/6	silt loam	NCM
4.1.43	0-12	10YR 3/3	silt loam	NCM
4.1.43	12-22	10YR 6/3	silt clay loam	NCM
4.2.01	0-24	10YR 2/2	silt clay loam	NCM
4.2.01	24-34	10YR 4/2	silt clay loam, water	NCM
4.2.10	0-23	10YR 4/3	silt clay loam	NCM
4.2.10	23-33	10YR 6/3	silt clay loam	NCM
4.2.20	0-8	10YR 4/3	silt clay loam	NCM
4.2.20	8-16	10YR 6/4	silt clay loam	NCM
4.2.20	16-26	10YR 6/2	silt clay loam	NCM
4.2.30	0-14	10YR 4/3	silt clay loam	NCM
4.2.30	14-24	10YR 6/4	silt clay loam	NCM
4.2.34	0-16	10YR 3/3	silt clay loam	NCM
4.2.34	16-26	10YR 6/4	silt clay loam	NCM
4.3.01	0-17	10YR 5/2	clay loam	NCM; soils wet
4.3.01	17-33	10YR 6/3, 5/6	silty clay	NCM
4.3.10	0-20	10YR 3/2	clay loam	NCM
4.3.10	20-30	10YR 5/4	silty clay	NCM
4.3.20	0-30	10YR 4/3	silty clay	NCM
4.3.20	30-40	10YR 4/6	silty clay	NCM
4.3.30	0-8	10YR 3/3	silt loam	NCM
4.3.30	8-24	10YR 6/4	silt loam	NCM

Archeological Survey Area 5 (representative 10% sample of shovel test profiles)

5.1.01	0-30	10YR 4/4	silt loam	NCM
5.1.01	30-51	10YR 4/5	silt loam	NCM
5.1.10	0-32	10YR 4/4	silt loam	NCM
5.1.10	32-45	10YR 4/5	silt loam	NCM
5.1.20	0-16	10YR 4/4	silt loam	NCM
5.1.20	16-29	10YR 4/5	silt loam	NCM
5.1.30	0-9	10YR 3/3	silt loam	NCM
5.1.30	9-14	10YR 7/2	silt loam	NCM
5.1.30	14-29	5YR 4/6	silt loam	NCM
5.1.40	0-22	10YR 4/4	silt loam	NCM
5.1.40	22-34	5YR 5/6	silt loam	NCM
5.1.50	0-12	10YR 4/4	silt loam	NCM
5.1.50	12-22	10YR 4/6	silt clay loam	NCM
5.1.60	0-14	10YR 4/3	silt clay loam	NCM
5.1.60	14-24	10YR 6/4	silt clay loam	NCM
5.1.70	0-14	10YR 3/2	silt clay loam	NCM
5.1.70	14-24	10YR 6/3	silt clay loam	NCM
5.1.74	0-15	10YR 4/3	silt loam	NCM
5.1.74	15-25	10YR 6/3	silty clay	NCM
5.2.01	0-24	10YR 5/4	silt loam	NCM
5.2.01	24-34	10YR 6/4	silt clay loam	NCM
5.2.10	0-15	10YR 4/3	silt clay loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
5.2.10	15-25	10YR 6/4	silt clay loam	NCM
5.2.20	0-17	10YR 4/3	silt clay loam	NCM
5.2.20	17-27	10YR 6/4	silt clay loam	NCM
5.2.30	0-9	10YR 4/3	silt loam	NCM
5.2.30	9-15	10YR 6/4	silt loam	NCM
5.2.30	15-25	10YR 6/6	silt clay loam	NCM
5.2.40	0-7	10YR 4/3	silt clay loam	NCM
5.2.40	7-17	10YR 6/4	silt clay loam	NCM
5.2.50	0-28	10YR 4/3	silt clay loam	NCM
5.2.50	28-38	10YR 6/4	silt clay loam	NCM
5.2.58	0-24	10YR 3/2	silt clay loam	NCM
5.2.58	24-34	10YR 6/2	silt clay loam	NCM
5.3.01	0-27	10YR 4/3	silt loam	NCM
5.3.01	27-37	10YR 4/6	clay loam	NCM
5.3.10	0-35	10YR 3/3	clay loam	NCM
5.3.10	35-45	10YR 6/3	silty clay	NCM
5.3.20	0-20	10YR 4/3	clay loam	NCM
5.3.20	20-30	10YR 4/6	silty clay	NCM
5.3.30	0-20	10YR 3/1	clay loam	NCM
5.3.30	20-33	10YR 5/4	silty clay	NCM
5.3.40	0-18	10YR 3/2	clay loam	NCM
5.3.40	18-27	10YR 5/2	clay loam	NCM
5.3.40	27-37	10YR 5/4	silty clay	NCM
5.3.50	0-20	10YR 4/3	silt clay loam	NCM
5.3.50	20-30	10YR 5/2	silt clay loam	NCM
5.3.52	0-30	10YR 3/3	silt clay loam	NCM
5.3.52	30-40	10YR 6/2	silt clay loam	NCM
Archeological Survey Area 6 (representative 10% sample of shovel test profiles)				
6.1.01	0-24	10YR 4/3	silt clay loam	NCM
6.1.01	24-49	10YR 5/3 mottled	CLo, water	NCM
6.1.10	0-38	10YR 4/3	silt clay loam	NCM
6.1.10	38-49	10YR 6/4	CLo, water	NCM
6.1.20	0-26	10YR 4/3	silt clay loam	NCM
6.1.20	26-36	10YR 4/4	silt clay loam	NCM
6.1.26	0-22	10YR 4/2	silt loam	NCM
6.1.26	22-32	10YR 5/6	silty clay	NCM
6.2.01	0-24	10YR 4/3	silt clay loam	NCM
6.2.01	24-34	10YR 5/4	silt clay loam, water	NCM
6.2.02	0-22	10YR 4/3	silt clay loam	NCM
6.2.02	22-32	10YR 4/6	silt clay loam	NCM
6.2.03	0-22	10YR 4/3	silt clay loam	NCM
6.2.03	22-32	10YR 6/3	silt clay loam, water	NCM
6.2.04	0-20	10YR 4/3	silt clay loam	NCM
6.2.04	20-30	10YR 6/3	silt clay loam	NCM
6.2.05	0-23	10YR 4/3	silt clay loam	NCM
6.2.05	23-33	10YR 6/3	silt clay loam, water	NCM
6.2.06	0-20	10YR 4/3	silt clay loam	NCM
6.2.06	20-30	10YR 6/3	silt clay loam	NCM
6.2.07	0-10	10YR 4/3	silt clay loam	NCM
6.2.07	10-20	Water	silt clay loam	NCM
6.2.08	0-18	10YR 4/3	silt clay loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
6.2.08	18-28	10YR 4/6	silt clay loam	NCM
6.2.09	0-12	10YR 4/3	silt clay loam	NCM
6.2.09	12-22	10YR 4/6	silt clay loam	NCM
6.2.10	0-18	10YR 4/3	silt clay loam	NCM
6.2.10	18-28	10YR 4/6	silt clay loam, water	NCM
6.2.11	0-14	10YR 4/3	silt clay loam	NCM
6.2.11	14-24	10YR 4/6	silt clay loam, water	NCM
6.2.12	0-10	10YR 4/3	silt clay loam	NCM
6.2.12	10-20	10YR 4/6	silt clay loam	NCM
6.2.13	0-21	10YR 4/3	silt clay loam	NCM
6.2.13	21-31	10YR 4/6	silt clay loam, water	NCM
6.2.14	0-16	10YR 4/3	silt clay loam	NCM
6.2.14	16-26	10YR 4/6	silt clay loam, water	NCM
6.2.15	0-25	10YR 4/3	silt clay loam	NCM
6.2.15	25-35	10YR 4/6	silt clay loam, water	NCM
6.2.16	0-23	10YR 4/3	silt clay loam	NCM
6.2.16	23-33	10YR 4/6	silt clay loam	NCM
6.2.17	0-22	10YR 4/3	silt clay loam	NCM
6.2.17	22-32	10YR 4/6	silt clay loam	NCM
6.2.18	0-34	10YR 4/3	silt clay loam	NCM
6.2.18	34-44	10YR 4/6	silt clay loam	NCM
6.2.19	0-26	10YR 4/3	silt clay loam	NCM
6.2.19	26-36	10YR 5/6	silt clay loam	NCM
6.2.20	0-22	10YR 4/3	silt clay loam	NCM
6.2.20	22-32	10YR 6/3	silt clay loam	NCM
6.3.01	0-27	10YR 4/2	clay loam	NCM
6.3.01	27-40	10YR 5/6	silty clay	NCM
6.3.02	0-32	10YR 4/2	clay loam	NCM
6.3.02	32-42	10YR 5/6	silty clay	NCM
6.3.03	0-30	10YR 4/2	clay loam	NCM
6.3.03	30-40	10YR 5/8, 6/2	silty clay	NCM
6.3.04	0-28	10YR 4/3	clay loam	NCM
6.3.04	28-38	7.5YR 5/6	silty clay	NCM
6.3.05	0-17	10YR 4/2	clay loam	NCM; water
6.3.06	0-18	10YR 4/2	clay loam	NCM; water
6.3.07	0-37	10YR 4/2	clay loam	NCM
6.3.07	37-51	10YR 5/6	silty clay	NCM; water
6.3.08	0-31	10YR 4/2	clay loam	NCM
6.3.08	31-43	10YR 5/6	silty clay	NCM; water
6.3.09	0-29	10YR 4/2	clay loam	NCM
6.3.09	29-40	10YR 5/6	silty clay	NCM
6.3.10	0-34	10YR 4/2	clay loam	NCM
6.3.10	34-50	10YR 6/1, 5/8	silty clay	NCM
6.3.11	0-30	10YR 4/2	clay loam	NCM; water
6.3.12	0-34	10YR 4/2	clay loam	NCM
6.3.13	0-25	10YR 4/2	clay loam	NCM
6.3.13	25-35	10YR 5/6	silty clay	NCM
6.3.14	0-26	10YR 4/2	clay loam	NCM
6.3.14	26-36	10YR 5/6	silty clay	NCM
6.3.15	0-29	10YR 4/2	clay loam	NCM
6.3.15	29-43	10YR 5/6	silty clay	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
6.3.16	0-33	10YR 4/3	silt loam	NCM
6.3.16	33-44	10YR 6/4	silty clay	NCM
6.3.17	0-35	10YR 4/3	silt loam	NCM
6.3.17	35-49	10YR 6/4	silty clay	NCM
Proposed Utility Line (representative 10% sample of shovel test profiles)				
UL.01	0-22	10YR 3/2	clay loam	NCM; water
UL.01	22-36	10YR 6/6, 5/8	silty clay	NCM
UL.10	0-25	10YR 2/2	clay loam	NCM
UL.10	25-35	10YR 6/3, 5/8	silty clay	NCM
UL.20	0-46	10YR 2/1	clay loam	NCM; lots of roots
UL. 20	46-56	10YR 5/4	clay loam	NCM
UL.30	0-43	10YR 4/3	silt loam	1 mortar fragment, 1 whiteware sherd
UL.30	43-53	10YR 7/2, 5/8	sandy loam	1 clear vessel glass fragment
UL.40	0-31	10YR 3/2	clay loam	NCM
UL.40	31-38	10YR 7/2, 6/1	silt	NCM
UL.40	38-48	10YR 6/3, 5/8	silt	NCM
UL.50	0-23	10YR 4/3	clay loam	NCM
UL.50	23-33	10YR 5/6	silty clay	NCM
UL.60	0-30	10YR 3/3	silty clay	NCM
UL.60	30-40	10YR 4/6	sandy loam	NCM
UL.70	0-18	10YR 4/2	clay loam	NCM (standing water on surface)
UL.70	18-41	10YR 5/1, 5/8	silty clay	NCM
UL.80	0-46	10YR 4/4	silt loam	NCM
UL.80	46-56	10YR 4/6	silt loam, w/decomposing rock	NCM
UL.90	0-20	10YR 3/3	silt clay loam	NCM
UL.90	20-36	10YR 6/6	silt clay loam	NCM
UL.100	0-30	10YR 4/3	silt clay loam	NCM
UL.100	30-40	10YR 5/2	silt clay loam	NCM
UL.110	0-30	10YR 4/2	clay loam	NCM
UL.110	30-40	10YR 6/3, 5/8	sandy clay	NCM
UL.120	0-30	10YR 4/3	silt clay loam	NCM
UL.120	30-40	10YR 5/6	silt clay loam	NCM
UL.130	0-20	10YR 4/3	silt clay loam	NCM
UL.130	20-30	10YR 6/6	silt clay loam	NCM
UL.140	0-10	10YR 5/2	clay loam	NCM (cobbles and gravel)
UL.140	10-20	10YR 4/3	sandy loam	NCM
UL.140	20-33	10YR 6/6	sandy loam	NCM
UL.150	0-30	10YR 4/3	sandy loam	NCM
UL.150	30-40	10YR 5/6	sandy loam	NCM
UL.160	0-35	10YR 4/3	sandy loam	NCM
UL.160	35-45	10YR 6/3	loam	NCM
UL.170	0-41	10YR 4/4	silt loam	NCM
UL.170	41-51	10YR 4/6	silt clay loam	NCM
UL.180	0-14	10YR 4/3	silt clay loam	NCM
UL.180	14-24	10YR 5/5	silt clay loam	NCM
UL.190	0-15	10YR 3/3	silt clay loam	NCM
UL.190	15-25	10YR 5/6	silt clay loam	NCM
UL.200	0-26	10YR 4/3	clay loam	NCM
UL.200	26-36	10YR 5/4	clay loam	NCM
UL.210	0-28	10YR 6/2	silt clay loam, water	NCM
UL.210	28-38	10YR 4/6	silt clay loam, water	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
UL.220	0-15	10YR 4/3	silt clay loam	NCM
UL.220	15-25	10YR 4/6	silt clay loam	NCM
UL.230	0-24	10YR 4/3	Si cl lo, gravel	NCM; disturbed soils
UL.240	0-28	10YR 2/2	silt loam	some very modern plastic
UL.240	28-38	10YR 4/3	silt clay loam	NCM
UL.250	0-20	10YR 4/3	silt clay loam	NCM
UL.250	20-30	10YR 6/6	silt clay loam	NCM
UL.260	0-27	10YR 4/4	silt clay loam	NCM
UL.260	27-37	10YR 5/5	silt clay loam	NCM
UL.270	0-24	10YR 4/4	silt clay loam	NCM
UL.270	24-34	10YR 5/6	silt clay loam	NCM
UL.280	0-31	10YR 5/4	silt clay loam	NCM
UL.280	31-38	mottled 10YR 7/4	clay loam	NCM
UL.280	38-48	10YR 4/6	silty clay	NCM
UL.290	0-14	10YR 4/4	silt clay loam	NCM
UL.290	14-	10YR 4/6	silt clay loam, water	NCM
UL.300	0-30	10YR 4/3	clay loam	NCM; water
UL.300	30-40	10YR 5/6	silt loam	NCM; water
UL.310	0-31	10YR 4/4	silt clay loam	NCM
UL.310	31-41	10YR 6/5	silt clay loam	NCM
UL.313	0-15	10YR 4/3	silt clay loam	NCM
UL.313	15-30	10YR 4/6	silty clay	NCM
UL.313	30-40	10YR 3/2	silt clay loam	NCM
UL.30N	0-26	10YR 3/2	silty clay	Metal fragments (not collected)
UL.30N	26-36	10YR 5/6	silty clay	Metal fragments (not collected)
UL.30E	0-32	10YR 3/2	silty clay	NCM
UL.30E	32-42	10YR 5/6	silty clay	NCM
UL.30W	0-22	10YR 3/2	silt clay loam	NCM
UL.30W	22-42	10YR 3/3 and 10YR 4/6	silt clay loam	NCM
UL.30W	42-52	10YR 5/6	silt clay loam	NCM
UL.30S	0-29	10YR 3/2	silty clay	NCM
UL.30S	29-39	10YR 5/6	silty clay	NCM
UL.30NW	0-9	10YR 4/4	silt clay loam	NCM
UL.30NW	9-36	mottled 10YR 4/4, 4/6	silt clay loam	NCM
UL.30NW	36-46	10YR 4/6	silt clay loam	NCM
UL.30NE	0-19	10YR 3/2	silt clay loam	NCM
UL.30NE	19-29	10YR 5/6	silt clay loam	NCM
Potential Archeological Site Area A (determined to not be an archeological site)				
A1	0-17	10YR 3/2	clay loam	NCM
A1	17-35	10YR 5/6	silty clay	NCM
A2	0-23	10YR 3/4	loam	NCM
A2	23-25	10YR 5/4	clay loam	NCM; root impasse
A3	0-35	10YR 3/2	clay loam	NCM
A3	35-50	10YR 5/6	silty clay, water	NCM; water seepage @ 38cm
A4	0-24	10YR 3/3	silt loam	NCM; many roots
A4	24-34	10YR 5/4	silty clay	NCM
Caughdenoy Road MDS 1 Site (Archeological Site Area B)				
B.N100E.050	0-19	10YR 4/4	silt loam	NCM
B.N100E.050	19-39	10YR 4/6	silt loam	NCM
B.N100.E100	0-19	10YR 4/4	silt loam	NCM
B.N100.E100	19-42	10YR 4/6	silt loam, water	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
B.N100.E150	0-33	10YR 4/4	silt loam	NCM
B.N100.E150	33-45	10YR 4/6	silt loam, water	NCM
B.N100.E.200	0-35	10YR 4/4	silt loam	NCM
B.N100.E.200	35-48	10YR 4/6	silt loam	NCM
B.N100.E.250	0-37	10YR 4/4	silt loam	NCM
B.N100.E.250	37-57	10YR 5/6	clay loam	NCM
B.N100.E.300	0-57	10YR 4/4	silt loam	NCM
B.N100.E.300	57-76	10YR 5/6	clay loam	NCM
B.N100.E.350	0-36	10YR 4/4	silt loam	3 wire and nail fragments
B.N100.E.350	36-48	10YR 4/6	silt loam, water	NCM
B.N125.E100	0-43	10YR 4/4, mottled	silt loam	NCM
B.N125.E100	43-56	10YR 4/6	silt loam, water	NCM
B.N125.E125	0-33	10YR 5/4	silt loam	NCM
B.N125.E125	33-46	10YR 7/4	silt loam	NCM
B.N125.E150	0-24	10YR 4/4	silt loam	NCM
B.N125.E150	24-35	10YR 4/6	silt loam, water	NCM
B.N150.E050	0-27	10YR 4/3	silt clay loam	a few coal fragments
B.N150.E050	27-43	10YR 5/4	silt clay loam	NCM
B.N150.E100	0-23	10YR 4/3	silt clay loam	NCM
B.N150.E100	23-36	10YR 5/6	silt clay loam	NCM; tree roots
B.N155.E125	0-24	10YR 4/3	silt clay loam	NCM; adjacent to north wall of Feature B1
B.N155.E125	24-39	10YR 5/4	silt clay loam	NCM; adjacent to north wall of Feature B1
B.N150.E.150	0-27	10YR 4/3	silt clay loam	NCM
B.N150.E.150	27-40	10YR 5/4	clay loam	NCM
B.N150.E.150	40-48	10YR 6/3	clay loam	NCM
B.N150.E200	0-28	10YR 4/3	silt clay loam	NCM
B.N150.E200	28-45	10YR 5/4	clay loam	NCM
B.N150.E250	0-43	10YR 4/3	silt loam	NCM
B.N150.E250	43-64	10YR 5/6	clay loam	NCM
B.N150.E300	0-36	10YR 4/3	silt loam	NCM
B.N150.E300	36-50	10YR 5/4	clay loam	NCM
B.N150.E350	0-31	10YR 4/3	silt loam	NCM
B.N150.E350	31-40	10YR 5/4	clay loam	NCM
B.N175.E100	0-25	10YR 4/3	silt loam	3 coal cinders, 1 plastic fragment
B.N175.E100	25-46	10YR 5/4	silt clay loam	NCM
B.N175.E125	0-28	10YR 4/3	silt loam	NCM
B.N175.E125	28-46	10YR 5/4	clay loam	NCM
B.N175.E125	46-56	10YR 6/3	clay loam	NCM
B.N175.E150	0-33	10YR 4/3	silt clay loam	NCM
B.N175.E150	33-51	10YR 5/4	clay loam	NCM
B.N200.E050	0-8	10YR 4/3	silt clay loam	roof debris
B.N200.E050	8-19	10YR 5/4	silt clay loam	roof debris
B.N200.E050	19-41	10YR 4/3	silt clay loam	NCM
B.N200.E050	41-62	10YR 5/4	silt clay loam	NCM
B.N200.E050	62-82	10YR 4/6	silt clay loam, wet	1 wire nail
B.N200.E050	82-96	10YR 5/6	silt clay loam, wet	NCM
B.N200.E075	0-7	10YR 4/3	silt loam, gravel, debris	heavy cement debris
B.N200.E075	7-		silt loam, gravel, debris	cement impasse
B.N200.E100	0-20	10YR 3/3	silt clay loam	wood and building debris
B.N200.E100	20-28	10YR 4/6	silt clay loam	coal and coal burning debris
B.N200.E100	28-61	10YR 4/3	silt clay loam	1 roof tile, 6 terracotta/redware sherds, brick fragments

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
B.N200.E100	61-70	10YR 4/6	silt clay loam	7 nails, 1 bullet casing
B.N200.E100	70-82	10YR 5/4	silt clay loam, wet	8 whiteware sherds, 7 glass fragments
B.N200.E150	0-24	10YR 4/3	silt clay loam	1 whiteware sherd, 2 nail fragments
B.N200.E150	24-34	10YR 4/6	silt clay loam	NCM
B.N200.E200	0-20	10YR 4/4	silt clay loam	NCM
B.N200.E200	20-30	10YR 5/6	silt clay loam	NCM: surface scatter of glass bottles nearby
B.N200.E250	0-26	10YR 4/4	silt clay loam	NCM
B.N200.E250	26-36	10YR 5/6	silt clay loam	NCM
B.N200.E300	0-15	10YR 4/4	silt clay loam	NCM
B.N200.E300	15-25	10YR 6/4	silt clay loam	NCM
B.N225.E050	0-12	10YR 4/4	silt clay loam	NCM
B.N225.E050	12-53	10YR 5/6	silt clay loam	NCM
B.N225.E050	53-63	10YR 6/4	silt clay loam	NCM
B.N225.E075	0-17	10YR 4/4	silt clay loam	cement building debris, cobbles
B.N225.E075	17-32	10YR 5/6	silt clay loam	NCM
B.N225.E075	32-42	10YR 6/4	silt clay loam	NCM
B.N225.E075	42-64	10YR 5/6	silt clay loam	2 nails, 1 metal chain, 14 glass fragments (vessel and flat)
B.N225.E075	64-74	10YR 6/4	silt clay loam	NCM
B.N225.E100	0-8	10YR 4/4	silt clay loam	NCM
B.N225.E100	8-	10YR 4/4	silt clay loam, cement debris, gravel	cement, rock, and gravel impasse
B.N250.E.050	0-30	10YR 4/3	clay loam	NCM
B.N250.E.050	30-47	10YR 4/4	clay loam	NCM
B.N250.E.050	47-57	10YR 3/2	silty clay, water	a few coal smudges in subsoil
B.N250.E075	0-20	10YR 3/2	silty clay	NCM: topsoil fill
B.N250.E075	20-40	10YR 5/6, 3/2	silty clay	NCM: disturbed
B.N250.E075	40-60	10YR 3/3, 3/2, 5/6	silty clay	fill w/ some coal ash and coal smudges; 3 bone fragments, 1 flat glass fragment
B.N250.E075	60-70	10YR 5/8	silty clay, water	NCM
B.N250.E100	0-30	10YR 3/2, 5/4	silty clay	1 bone fragment
B.N250.E100	30-54	10YR 4/6	silty clay, water	NCM
B.N250.E150	0-55	10YR 3/3	clay loam	coal ash, misc. metal fragments (not collected); on ground surface nearby - push-pile with buckets, paint cans, auto parts, bed springs, cables, bolts, bones, mason jars, wine bottles, etc.
B.N250.E150	55-65	10YR 4/3	silty clay	NCM
B.N250.E200	0-35	10YR 4/2	clay loam	1 glass vessel fragment, 1 ceramic fragment, 4 misc. metal fragments
B.N250.E200	35-48	10YR 5/6	silty clay, water	NCM
B.N300.E050	0-38	10YR 3/2	clay loam	road gravel/crushed stone, asphalt
B.N300.E050	38-48	10YR 4/3	silty clay	NCM
B.N300.E100	0-14	10YR 3/2	sandy loam	NCM
B.N300.E100	14-30	10YR 4/4	sandy loam, water	NCM
B.N300.E150	0-17	10YR 3/4	clay loam	NCM; on ground surface nearby - push-pile with truck parts, 5 gal. drums, tires, concrete blocks, etc.
B.N300.E150	17-30	10YR 5/6	silty clay	NCM
B.N300.E200	0-27	10YR 3/1	clay loam	NCM
B.N300.E200	27-40	10YR 6/3, 5/6	silty clay, water	NCM
B.N350.E050	0-30	10YR 4/3	clay loam	NCM
B.N350.E050	30-40	10YR 6/3, 5/8	silty clay, water	1 ceramic sherd (decorative tile)
B.N350.E100	0-29	10YR 4/2	clay loam	NCM; root impasse
B.N350.E150	0-35	10YR 4/2	clay loam	NCM
B.N350.E150	35-45	10YR 6/3, 5/4	silty clay	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
B.N350.E200	0-16	10YR 4/2	clay loam	large pieces of broken concrete slabs
B.N350.E200	16-40	10YR 6/3, 5/4	silty clay	NCM
B.N350.E250	0-34	10YR 4/2	clay loam	NCM
B.N350.E250	34-48	10YR 5/3, 5/6	silty clay	NCM
B.N350.E300	0-27	10YR 4/3	clay loam	NCM
B.N350.E300	27-41	10YR 5/3, 5/6	silty clay	NCM
B.N400.E050	0-35	10YR 4/2	clay loam	NCM
B.N400.E050	35-50	10YR 5/3, 5/6	silty clay	NCM
B.N400.E100	0-10	10YR 4/2	clay loam	NCM
B.N400.E100	10-24	10YR 6/6	silty clay, water	NCM
B.N400.E150	0-24	10YR 4/2	clay loam	NCM
B.N400.E150	24-34	10YR 6/4	silty clay	NCM
B.N400.N200	0-27	10YR 4/2	clay loam	NCM
B.N400.N200	27-37	10YR 5/6	silty clay	NCM
B.N400.E250	0-27	10YR 4/2	clay loam	NCM
B.N400.E250	27-37	10YR 5/6	silty clay	NCM
Caughdenoy Road MDS 2 Site (Archeological Site Area C)				
C.N200.E050	0-32	10YR 3/2	clay loam	NCM
C.N200.E050	32-42	10YR 5/8	silty clay	NCM
C.N200.E075	0-31	10YR 3/2	clay loam	1 stoneware sherd; large boulders below 31cm—impasse
C.N200.E100	0-28	10YR 3/2	clay loam	1 whiteware sherd, 1 vessel glass fragment
C.N200.E100	28-38	10YR 5/8	silty clay	NCM
C.N200.E125	0-33	10YR 2/2	silt loam	2 stoneware sherds, 2 flat glass fragments, 3 coal/slag fragments
C.N200.E125	33-56	10YR 5/6	silt loam, water	NCM
C.N200.E150	0-30	10YR 3/2	clay loam	1 flat glass fragment, 1 brick fragment (not collected)
C.N200.E150	30-40	10YR 5/8	silty clay	NCM
C.N200.E175	0-35	10YR 4/2	clay loam	1 whiteware sherd
C.N200.E175	35-47	10YR 5/6	clay loam	NCM
C.N200.E200	0-30	10YR 3/2	clay loam	NCM
C.N200.E200	30-40	10YR 5/8	silty clay	NCM
C.N200.E225	0-27	10YR 4/2	clay loam	NCM
C.N200.E225	27-41	10YR 5/6	clay loam	NCM
C.N200.E250	0-25	10YR 4/3	silt clay loam	NCM
C.N200.E250	25-35	10YR 6/4	silt clay loam	NCM
C.N200.E300	0-22	10YR 4/4	silt clay loam	NCM
C.N200.E300	22-32	10YR 6/4	silt clay loam	NCM
C.N200.E350	0-27	10YR 4/3	silt clay loam	NCM
C.N200.E350	27-37	10YR 6/4	silt clay loam	NCM
C.N225.E050	0-38	10YR 4/3	silt loam	possible cut stone
C.N225.E050	38-54	10YR 4/6	silt loam, water	NCM
C.N225.E075	0-34	10YR 3/3	silt loam	2 small brick fragments
C.N225.E075	34-61	10YR 7/5	silt loam	NCM
C.N225.E100	0-31	10YR 3/2	silt clay loam	NCM
C.N225.E100	31-43	10YR 6/3	sandy loam	NCM
C.N225.E100	43-53	10YR 5/8, 6/8, 4/2	silty clay	NCM
C.N225.E125	0-41	10YR 3/2	silt clay loam	2 small coal fragments
C.N225.E125	41-74	10YR 4/5	silt clay loam	NCM
C.N225.E150	0-36	10YR 3/2	clay loam	1 flat glass fragment, 1 vessel glass fragment, 2 stoneware sherds
C.N225.E150	36-54	10YR 5/8	clay loam	NCM
C.N225.E175	0-27	10YR 3/2	clay loam	2 flat glass fragments, 2 whiteware sherds
C.N225.E175	27-41	10YR 5/8	clay loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
C.N225.E200	0-21	10YR 3/2	silt loam	twined metal cable fragment (not collected)
C.N225.E200	21-44	7.5YR 4/6	silt loam	NCM
C.N225.E225	0-24	10YR 3/4	silt loam	1 metal button w/ 7 miscellaneous metal fragments
C.N225.E225	24-35	10YR 4/6	silt loam	NCM
C.N250.E025	0-37	10YR 3/2	clay loam	NCM
C.N250.E025	37-57	10YR 5/8	silty clay	NCM; medium-sized cobbles in subsoil
C.N250.E050	0-74	10YR 4/4	silt loam	NCM
C.N250.E050	74-84	10YR 5/6	silt loam	NCM
C.N250.E075	0-27	10YR 3/2	clay loam	1 flat glass fragment, concrete block (not collected)
C.N250.E075	27-45	10YR 5/8	silty clay	NCM
C.N250.E100	0-33	10YR 3/3	silt loam	8 samples of mortar/mortared stone
C.N250.E100	33-45	10YR 4/6	silt loam	NCM
C.N250.E125	0-47	10YR 3/2	clay loam	1 nail, 1 staple, 1 flat glass fragment, 1 mortar sample, 1 fabric strip
C.N250.E150	0-22	10YR 4/4	silt loam	1 whiteware sherd, 2 flat glass fragments
C.N250.E150	22-36	10YR 5/6	silt loam	NCM
C.N250.E175	0-8	10YR 3/3	silt clay loam	NCM
C.N250.E175	8-14	10YR 4/4	silt clay loam	NCM
C.N250.E175	14-33	10YR 3/2	silt clay loam	NCM
C.N250.E175	33-45	10YR 5/5	silt clay loam	NCM
C.N250.E200	0-27	10YR 4/4	silt loam	NCM
C.N250.E200	27-39	10YR 4/6	silt loam	NCM
C.N250.E225	0-30	10YR 4/2	clay loam	NCM
C.N250.E225	30-40	7.5YR 5/6	silty clay	NCM
C.N250.E250	0-20	10YR 4/4	silt clay loam	NCM
C.N250.E250	20-30	10YR 6/6	silt clay loam	NCM
C.N250.E300	0-25	10YR 4/4	silt clay loam	NCM
C.N250.E300	25-35	10YR 6/6	silt clay loam	NCM
C.N250.E350	0-20	10YR 4/3	silt clay loam	NCM
C.N250.E350	20-30	10YR 6/4	silt clay loam	NCM
C.N275.E050	0-60	10YR 4/3	silt clay loam	NCM
C.N275.E050	60-70	10YR 5/6	silt clay loam	NCM
C.N275.E075	0-80	10YR 4/3	silt clay loam	1 whiteware sherd, 1 bullet casing, 1 vessel glass fragment, 1 nail, 1 brick fragment, 1 metal fragment, 3 mortar fragments
C.N275.E075	80-90	10YR 5/8	silt clay loam	NCM
C.N275.E100	0-15	10YR 4/3	silt clay loam	1 ceramic sherd, 1 flat glass fragment, 1 nail, 1 small brick fragment; charcoal throughout
C.N275.E100	15-32	10YR 3/3	silt clay loam	NCM; disturbed; charcoal throughout
C.N275.E100	32-42	10YR 4/4	silt clay loam	NCM; compact, disturbed; possibly structural/foundation rubble; charcoal throughout
C.N275.E125	0-18	10YR 3/3	silt clay loam	1 whiteware sherd, 2 terracotta/redware sherds, 2 flat glass fragments, 1 vessel glass fragment
C.N275.E125	18-63	10YR 4/4	silt clay loam	NCM
C.N275.E125	63-73	10YR 5/5	silt clay loam	NCM
C.N275.E150	0-32	10YR 4/3	silt clay loam	NCM; concrete on surface nearby; rock impasse @ 32cm
C.N275.E175	0-18	10YR 3/3	silt clay loam	1 nail
C.N275.E175	18-30	10YR 4/6	silt clay loam	NCM
C.N275.E200	0-23	10YR 4/3	silt clay loam	1 flat glass, 1 vessel glass, 1 mortar sample
C.N275.E200	23-33	10YR 5/8	silt clay loam	NCM
C.N275.E225	0-23	10YR 4/3	silt clay loam	NCM
C.N275.E225	23-33	10YR 6/6	silt clay loam	NCM
C.N300.E050	0-34	10YR 4/3	silt loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
C.N300.E050	34-45	10YR 5/4	silt loam	NCM
C.N300.E075	0-23	10YR 4/3	silt clay loam	3 whiteware sherds, 3 flat glass, 1 vessel glass fragment
C.N300.E075	23-33	10YR 6/4	silt clay loam	NCM
C.N300.E100	0-17	10YR 4/2	clay loam	NCM
C.N300.E100	17-35	10YR 5/6	silty clay	NCM
C.N300.E125	0-21	10YR 4/3	silt clay loam	NCM; heavy gravel
C.N300.E125	21-31	10YR 5/4	silt clay loam	NCM
C.N300.E150	0-45	10YR 4/2, 5/6	clay loam	NCM
C.N300.E175	0-45	10YR 4/3	silt clay loam	NCM
C.N300.E175	45-55	10YR 5/5	silt clay loam	NCM
C.N300.E200	0-37	10YR 4/2	silt loam	3 modern vessel glass fragments, styrofoam (not collected)
C.N300.E200	37-47	10YR 5/6	clay loam	NCM
C.N300.E225	0-22	10YR 4/3	silt clay loam	mortar & gravel; rock impasse @ 22cm
C.N300.E250	0-25	10YR 4/3	silt loam	NCM
C.N300.E250	25-35	10YR 5/8	silt loam	NCM
C.N300.E300	0-27	10YR 4/3	silt loam	NCM
C.N300.E300	27-37	10YR 5/8	silt loam	NCM
C.N300.E350	0-25	10YR 4/3	silt loam	NCM; near rubbish mound on surface - 5 gal. metal buckets, jars, miscellaneous metal
C.N300.E350	25-35	10YR 4/6	silt loam	NCM
C.N350.E050	0-25	10YR 3/3	silt clay loam	NCM; disturbed
C.N350.E050	25-75	10YR 5/3	silt clay loam	NCM
C.N350.E050	75-85	10YR 4/6	silt clay loam	NCM
C.N350.E100	0-10	10YR 4/3	silt clay loam	NCM
C.N350.E100	10-		compact gravel	gravel/paving impasse
C.N350.E150	0-35	10YR 4/3	silt clay loam	1 axe head
C.N350.E150	35-45	10YR 6/4	silt clay loam	1 shotgun shell (used)
C.N350.E200	0-33	10YR 4/3	silt clay loam	NCM
C.N350.E200	33-43	10YR 5/2	silt clay loam	NCM
C.N350.E250	0-25	10YR 4/4	silt clay loam	cement impasse @ 25cm
C.N350.E300	0-30	10YR 4/3	silt clay loam	NCM
C.N350.E300	30-40	10YR 6/4	silt clay loam	NCM
C.N400.E050	0-24	10YR 3/2	clay loam	NCM
C.N400.E050	24-37	10YR 5/8	silty clay	NCM
C.N400.E100	0-30	10YR 4/2	clay loam	1 flat glass fragment (not collected)
C.N400.E100	30-41	10YR 5/6	silty clay	NCM
C.N400.E150	0-14	10YR 4/2	clay loam	NCM; modern metal door on surface nearby
C.N400.E150	14-27	10YR 5/4, 6/3	silty clay	NCM
C.N400.E200	0-17	10YR 3/3	clay loam	concrete structural debris, disturbed
C.N400.E200	17-33	10YR 5/8	clay loam	NCM
C.N400.E250	0-13	10YR 3/3	silt loam	NCM; orange brick fragment, "SS" embossed on surface (not collected)
C.N400.E250	13-27	10YR 5/6	silt loam	NCM
C.N400.E300	0-25	10YR 4/3	clay loam	NCM
C.N400.E300	25-35	10YR 6/6	clay loam	NCM
C.N400.E350	0-30	10YR 4/2	clay loam	NCM
C.N400.E350	30	10YR 8/1	silt	NCM; dark lens between surface & subsoil layers
C.N400.E350	30-40	10YR 5/8	clay loam	NCM
C.N450.E050	0-22	10YR 3/4	silt loam	NCM
C.N450.E050	22-35	10YR 4/6	silt loam	NCM

Shovel Test	Depth (cm)	Soil Color	Soil Texture	Comments/Artifacts
C.N450.E100	0-27	10YR 3/2	silt loam	1 nail, 2 metal fragments, 1 flat glass, 1 rubber hose; modern rubbish mound on surface nearby - rubber, glass, jars, tires, chickenwire, etc.
C.N450.E100	27-37	10YR 4/6	silt loam, gravel	NCM
C.N450.E150	0-20	10YR 3/2	silt loam	4 brick fragments, 2 vessel glass, 1 flat glass fragment, 1 slate tile, 2 metal fragments
C.N450.E150	20-31	10YR 4/6	silt loam, gravel	NCM
C.N450.E200	0-19	10YR 3/3	silt loam	NCM
C.N450.E200	19-33	10YR 4/6	silt loam	NCM
C.N450.E250	0-19	10YR 3/3	silt loam	7 wire nail fragments
C.N450.E250	19-32	10YR 4/6	silt loam	NCM
C.N450.E300	0-11	10YR 3/2	silt loam	NCM
C.N450.E300	11-26	10YR 3/4	silt loam	NCM
C.N450.E300	26-49	10YR 4/6	silt loam	NCM
C.N450.E350	0-22	10YR 4/4	silt loam	4 nail and wire fragments
C.N450.E350	22-34	10YR 4/6	silt loam	NCM
C.N500.E050	0-22	10YR 4/3	silt clay loam	NCM
C.N500.E050	22-32	10YR 6/4	silt clay loam	NCM
C.N500.E100	0-26	10YR 4/3	silt clay loam	NCM
C.N500.E100	26-36	10YR 6/3	silt clay loam	NCM
C.N500.E150	0-24	10YR 4/3	silt clay loam	modern glass bottle, asphalt roofing, flat glass (not collected)
C.N500.E150	24-34	10YR 6/6	silt clay loam	NCM
C.N500.E200	0-17	10YR 4/3	silt clay loam	1 flat glass (not collected)
C.N500.E200	17-27	10YR 6/6	silt clay loam	NCM
C.N500.E250	0-16	10YR 4/3	silt clay loam	NCM
C.N500.E250	16-26	10YR 6/4	silt clay loam	NCM
C.N500.E300	0-15	10YR 4/3	silt clay loam	NCM
C.N500.E300	15-25	10YR 6/4	silt clay loam	NCM
C.N500.E350	0-28	10YR 4/3	silt clay loam	NCM
C.N500.E350	28-38	10YR 6/4	silt clay loam	NCM
C.N550.E050	0-30	10YR 4/3	silt loam	NCM
C.N550.E050	30-40	10YR 6/4	silt loam	NCM
C.N550.E100	0-28	10YR 4/3	silt loam	NCM
C.N550.E100	28-46	10YR 6/4	silt loam	NCM
C.N550.E150	0-40	10YR 3/3	silt loam	NCM
C.N550.E150	40-50	10YR 6/4	clay loam	NCM; pebbles w/ small cobbles in subsoil
C.N550.E200	0-38	10YR 3/3	silt loam	NCM; pebbles w/ small cobbles throughout
C.N550.E200	38-51	10YR 6/4	clay loam	NCM
C.N550.E250	0-28	10YR 3/3	silt loam	NCM
C.N550.E250	28-38	10YR 6/4	silt loam	NCM
C.N550.E300	0-32	10YR 4/3	silt loam	NCM
C.N550.E300	32-52	10YR 6/4	silt loam	NCM
C.N550.E350	0-23	10YR 3/3	silt loam	NCM
C.N550.E350	23-33	10YR 6/4	silt loam	NCM

Appendix D:
Shovel Test Field Forms (Scanned, on Enclosed CD)

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): TAK

Project Name: Clay Business Park Phase IB

Date: 11/05-30-2013

Location/Setting: AREA 1 - OPEN, UNPLOWED FIELD

Shovel Test	Depth CMBS	Soil Color	Soil Texture	Artifacts/Comments
1.01	0 - 25	10YR 4/1.06	S. Lo. HYDRIC AP2	NCM - WATER @ 25 CMBS
1.02	0 - 25 25 - 36	10YR 4/3. B 10YR 5/6. YB	S. Lo. AP2 S. CI Lo	NCM NCM - WATER @ 30 CMBS
1.03	0 - 36 36 - 47	10YR 4/3. B 10YR 5/6. YB	S. Lo. AP2 S. CI Lo	NCM NCM - WATER @ 40 CMBS
1.04	0 - 10	/	/	WATER @ NEAR SURFACE
1.05	0 - 25	10YR 4/1.06	S. Lo. HYDRIC AP2	NCM - WATER @ 25 CMBS
1.06	0 - 10	/	/	WATER @ NEAR SURFACE
1.07	0 - 27 27 - 34	10YR 4/2.06B 10YR 5/6. YB	S. Lo. AP2 S. CI Lo	NCM - WATER @ 27 CMBS NCM
1.08	0 - 24 24 - 32	10YR 4/1.06 10YR 5/6. YB	S. Lo. AP2 S. CI	NCM NCM - WATER @ 30 CMBS
1.09	0 - 24 24 - 33	10YR 4/3. B 10YR 5/8. YB	S. Lo. AP2 S. CI	NCM NCM - WATER @ 30 CMBS
1.10	0 - 30	10YR 4/1.06	S. Lo. AP2	NCM - WATER @ 25 CMBS
1.11	0 - 10	/	/	WATER @ NEAR SURFACE
1.12	0 - 10	/	/	WATER @ NEAR SURFACE
1.13	0 - 25 25 - 35	10YR 4/2.06B 10YR 5/8. YB	S. Lo. AP2 S. CI	NCM NCM - WATER @ 30 CMBS
1.14	0 - 10	/	/	WATER @ NEAR SURFACE
1.15	0 - 26 26 - 34	10YR 4/1.06 10YR 5/8. YB	S. Lo. AP2 S. CI	NCM NCM - WATER @ 30 CMBS
1.16	0 - 25 25 - 34	10YR 4/2.06B 10YR 5/8. YB	S. Lo. AP2 S. CI	NCM NCM - WATER @ 30 CMBS
1.17	0 - 24	10YR 4/2.06B	S. Lo. AP2	NCM - WATER @ 24 CMBS

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/4/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.18	0-22cm 22-36	10YR 4/3, mottled 10YR 5/6	SiLo SiLo	metal frag.
1.1.19	0-28cm 28-45	10YR 3/3, mottled 10YR 4/6	SiLo SiLo	
1.1.20	0-26cm 26-40	10YR 3/3, mottled 10YR 4/6	SiLo SiLo	
1.1.21	0-22cm 22-34	10YR 3/3 10YR 4/6	SiLo SiLo	
1.1.22	0-23cm 23-36	10YR 3/3 10YR 4/6	SiLo SiLo	Aluminum can fragment
1.1.23	0-26cm 26-44	10YR 3/3 10YR 4/6, mottled	SiLo SiLo	adj. to fence
1.1.24	0-30cm 30-46	10YR 3/1 10YR 4/6	SiLo SiLo	NODIG - rosebush patch
1.1.25	—	—	—	NODIG - rosebush patch
1.1.26	0-24cm 24-41	10YR 3/3 10YR 4/6	SiLo SiLo	
1.1.27	0-33cm 33-46	10YR 3/3 10YR 4/6	SiLo SiLo	
1.1.28	0-22cm 22-46	10YR 4/3 10YR 4/6	SiLo SiLo	
1.1.29	0-19cm 19-32	10YR 4/3 10YR 4/6	SiLo SiLo	adj. to fence

draw a line to separate shovel tests

SEE REVERSE

1.1.30	0-28cm 22-33	10YR 4/3 10YR 4/6	SiLo SiLo	—
1.1.31	0-28cm 28-40	10YR 4/3 10YR 4/6	SiLo SiLo	—
1.1.32	0-19cm 19-29	10YR 4/3 10YR 4/6	SiLo SiLo	—
1.1.33	0-20cm 20-41	10YR 3/4 10YR 4/6	SiLo SiLo	— on tree line
1.1.34	0-22cm 22-32	10YR 3/4 10YR 4/6	SiLo SiLo	— on tree line
1.1.35	0-21cm 21-35	10YR 4/4 10YR 4/6	SiLo SiLo	—
1.1.36	0-28cm 28-43	10YR 4/4 10YR 4/6	SiLo SiLo	—
<u>6/5/13</u>				
1.1.37	0-13cm 13-33	10YR 3/3 mottled 10YR 4/3	SiLo SiLo	nail/staple; heavy tree roots
1.1.38	0-11cm 11-27	10YR 4/4 10YR 4/6, mottled	SiLo SiLo	—
1.1.39	0-36cm 36-51	10YR 4/3 10YR 4/6	SiLo SiLo	—
1.1.40	0-30cm 30-44	10YR 4/3 10YR 4/6, mottled	SiLo SiLo	—
1.1.41	0-19cm 19-36	10YR 4/3 10YR 4/6	SiLo SiLo	— "ward up"
1.1.42	0-10cm 10-30	10YR 4/3 10YR 4/6, mottled	SiLo SiLo	— HEAVY tree roots

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/5/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.43	0-22cm 22-35	10YR 3/4 10YR 4/6	Silo Silo	—
1.1.44	0-16cm 16-30	10YR 3/4 10YR 4/6	Silo Silo	—
1.1.45	0-28cm 28-49	10YR 3/4 10YR 4/6, mottled	Silo Silo	likely charcoal fragment
1.1.46	0-25cm 25-34	10YR 3/3 10YR 4/6	Silo Sandy Loam	—
1.1.47	0-19cm 19-28	10YR 3/3 10YR 4/6	Silo Silo	— very moist
1.1.48	0-27cm 27-46	10YR 3/3 10YR 4/6	Silo Silo	— very moist
1.1.49	0-41cm 41-54	10YR 3/3 10YR 6/2, mottled	Silo Sandy Loam	— →
1.1.50	0-23cm 23-38	10YR 3/3 10YR 4/6	Silo Silo	— →
1.1.51	0-21cm 21-26 26-39	10YR 3/3 10YR 2/1 10YR 5/6	Silo Silo sandy loam	near-black soil lens (?) → 21-26
1.1.52	0-24cm 24-	10YR 2/2 water	Silo	very wet; inside tree line
1.1.53	0-26cm 26-	10YR 2/2 water	Silo	hydric
1.1.54	0-20cm 20-35	10YR 2/2 10YR 4/6	Silo Sandy Loam	—

draw a line to separate shovel tests



Excavator(s): FMM

Date: 6/5/13

[illegible]

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.58	0-19cm 19-35	10YR 3/3 10YR 4/6	silts, wet silts, hydric	—
1.1.59	0-24cm 24-35	10YR 4/3 10YR 4/6	silts silts	—
1.1.60	0-22cm 22-35	10YR 4/3 10YR 4/6	silts silts	—
1.1.61	0-25cm 25-37	10YR 4/3 10YR 4/6	silts silts	—
1.1.62	0-29cm 29-41	10YR 3/3 10YR 6/4	silts silts, hydric	—
1.1.63	0-32cm 32-42	10YR 3/3 10YR 6/4	silts silts, hydric	—
1.1.64	0-28cm 28-39	10YR 4/3 10YR 4/6	silts silts	—
1.1.65	0-24cm 24-34	10YR 4/3 10YR 4/6	silts silts	—
1.1.66	0-28cm 28-36	10YR 4/3 10YR 4/6	silts silts	— w/ Sam
1.1.67	0-27 27-37	10YR 4/3 10YR 4/6	silts silts, hydric	—
1.1.68	0-23 23-33	10YR 4/3 10YR 4/6	silts silts, hydric	— w/ Sam
1.1.69	0-29 29-39	10YR 4/3 10YR 4/6	silts silts, hydric	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

edr

edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.70	0-26cm 26-36	10YR 4/3 10YR 5/3	Silo silo	w/sam
1.1.71	0-30cm 30-43	10YR 4/3 10YR 4/6	Silo silo, hydric	
1.1.72	0-23cm 22-32	10YR 4/3, mottled 10YR 6/4	Silo silo	
1.1.73	0-43cm 43-49	10YR 4/3 10YR 6/4	Silo silo, hydric	
1.1.74	0-28cm 28-39	10YR 4/3 10YR 4/4	Silo silo, hydric	
1.1.75	0-22cm 22-36	10YR 4/3 10YR 4/6	Silo silo, hydric	
1.1.76	0-26cm 26-39	10YR 4/3 10YR 4/6	Silo silo	
1.1.77	0-26cm 26-39	10YR 4/3 10YR 4/6	Silo silo, hydric	
1.1.78	0-16cm 16-29	10YR 4/3 10YR 4/6	Silo silo	
1.1.79	0-23cm 23-37	10YR 4/3 10YR 4/6	Silo silo	
1.1.80	0-26cm 26-42	10YR 4/3 10YR 4/6	Silo silo	
1.1.81	0-24cm 24-36	10YR 4/3 10YR 4/6	Silo silo	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Silo → Silty Loam
 SaLo → Sandy Loam

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.82	0-24cm 24-36	10YR 4/3 10YR 4/6	Silo Silo, hydric	—
1.1.83	0-30cm 30-43	10YR 4/3 10YR 4/6	Silo Silo	near small collection of boulders or fieldstones, ~3m from edge of field-forest boundary
1.1.84	0-29cm 29-39	10YR 3/2 10YR 4/6	Silo Silo, inundated	— Feb
1.1.85	0-25cm	10YR 3/2	standing water	—
1.1.86	0-32cm 32-42	10YR 3/2 10YR 4/6	Silo Silo, inundated	—
1.1.87	0-29cm 29-39	10YR 3/2 10YR 4/6	Silo Silo, inundated	—
1.1.88	0-31cm 31-41	10YR 3/2 10YR 4/6	Silo SaLo, inundated	—
1.1.89	0-25cm	10YR 3/2	standing water	—
1.1.90	0-25cm 25-46	10YR 3/2 10YR 4/6	Silo Silo, inundated	—
1.1.91	0-19cm 19-35	10YR 3/3 10YR 4/6	Silo Silo	back in the OSR woods
1.1.92	0-19cm 19-32	10YR 3/3 10YR 6/4	Silo Silo	—
1.1.93	0-12cm 12-36	10YR 3/3 10YR 4/6, mottled	Silo Silo, inundated	—
1.1.94	0-9cm 9-19	10YR 3/3 10YR 4/6, mottled	Silo Silo	heavy roots
1.1.95	0-32cm 32-46	10YR 4/4 10YR 4/6	Silo Silo, inundated	—
1.1.96	0-16cm 16-3	10YR 4/4 10YR 4/6	Silo Silo	Arrow dug—first dry, root-free strip today
1.1.97	0-20cm 20-39	10YR 4/4 10YR 4/6	Silo Silo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.98	0-29cm 29-43	10YR 4/4, mottled 10YR 6/4	silo silo	—
1.1.99	0-15cm 15-25	10YR 3/2 10YR 7/4	silo silo	— w/Diane
1.1.100	0-25cm	10YR 3/3	standing water	—
1.1.101	0-25cm	10YR 3/3	standing water	—
EOT				
2.1.06	NA	NA	NA	standing water
2.1.07	0-35cm 35-46	10YR 4/2 10YR 6/4	silo silo	—
2.1.08	0-27cm 27-38	10YR 4/2 10YR 6/4	silo silo	—
2.1.09	0-35cm 35-45	10YR 4/2 10YR 6/4	silo silo, inundated	—
2.1.10	0-5cm		gravel	within 25 ft of trans. line tower; heavy gravel
2.1.11	NA	NA	NA	within trans. line tower footprint

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): EL, DB/AK

Project Name: Clay Business Park Phase IB

Date: 5/30/17

Location/Setting:

open field to center line of study area for BA 1.
north of N# 31

Shovel Test	Depth CM	Soil Color	Soil Texture	Artifacts/Comments
1.2.01	0-29 29-41	10YR 4/3 10YR 5/8	Silt loam silt/clay	ncm "
1.2.02	0-27 27-38	" "	" "	" "
1.2.03	0-28	10YR 4/3	silt loam	ncm - filling with water
1.2.04	NA	NA	NA	Surface water
1.2.05	0-26	10YR 4/3	silt loam	ncm - filling with water
1.2.06	NA	NA	NA	Surface water
1.2.07	0-17	10YR 4/3	silt loam	ncm - filling with water
1.2.08	0-22 22-34	10YR 4/3 10YR 5/8	Silt loam Silt loam	ncm ncm
1.2.09	0-29 29-44	10YR 4/3 10YR 5/8	Silt loam Silt clay	ncm ncm
1.2.10	0-27 27-33	10YR 4/3 10YR 5/6	" "	ncm ncm - fill with water
1.2.11	0-30	10YR 4/3	Silt loam	ncm - fill with water
1.2.12	0-19	10YR 4/3	Silt loam	ncm - "
1.2.13	0-21	"	"	" "
1.2.14	0-18 18-27	10YR 4/3 10YR 5/8	" silty clay	ncm ncm - water
1.2.15	0-4	10YR 4/3	silt loam	ncm - water
1.2.16	0-10	10YR 4/3	"	"

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

see previous

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.17	0-21	10YR 4/3	silt loam	ncm
	21-34	10YR 5/6	silty clay	ncm - water
1.2.18	0-27	10YR 4/3	silt loam	ncm - water
1.2.19	0-30	10YR 4/3	silt loam	ncm
	30-41	10YR 5/8	silty clay	ncm
1.2.20	0-24	10YR 4/3	silt loam	ncm
	24-27	10YR 5/8	silty clay	ncm - water
1.2.21	0-4	10YR 4/3	silt loam	ncm - water
1.2.22	0-29	10YR 4/3	silt loam	ncm
	29-34	10YR 5/6	silty clay	ncm - water

edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/4/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.23	0-22 22-32	10 yr 4/3 10 yr 5/6	Sic llo Sic llo	Ø
1.2.24	0-13 13-20 20-30	10 yr 4/3 10 yr 5/2 10 yr 5/6	Sic llo Sic llo + 5% gravel Sic llo	Compacted interval layer likely due to previous posttillage, fenced area animal bedding visible
1.2.25	0-22 22-32	10 yr 4/3 10 yr 5/6	Sic llo + 5% gravel Sic llo	Ø
1.2.26	0-20 20-30	10 yr 4/3 10 yr 5/6	Sic llo + 5% gravel Sic llo	Ø
1.2.27	0-31 31-41	10 yr 4/3 10 yr 5/6	Sic llo + 5% gravel Sic llo	Ø
1.2.28	0-28 28-38	10 yr 4/3 10 yr 5/6	Sic llo Sic llo	Ø
1.2.29	0-21 21-31	10 yr 4/3 10 yr 5/6	Sic lo Sic llo	Ø
1.2.30	0-23 23-33	10 yr 4/3 10 yr 5/6	Sic lo Sic llo	Ø
1.2.31	0-22 22-32	10 yr 4/3 10 yr 5/6	Sic lo Sic llo	Ø
1.2.32	0-30 30-40	10 yr 4/3 7.5 yr 5/6	Sic llo Sic llo	Ø

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date:

6/4/2013 - 6/5/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.33	0-14 14-24	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.34	0-16 16-18	10yr 4/3 10yr 5/6	Silo Silo	Ø
1.2.35	0-22 22-32	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.36	0-14 14-25	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.37	0-19 19-29	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.38	0-23 23-33	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.39	0-22 22-32	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.40	0-24 24-34	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.41	0-29 29-39	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
1.2.42	0-34 34-44	10yr 4/3 10yr 6/5	Sic1lo Sic1lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/5/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.43	0-25 25-35	10yr 4/3 10yr 5/6	Siclllo Siclllo	Ø
1.2.44	0-18 18-28	10yr 4/3 10yr 5/6	Siclllo Siclllo	Ø
1.2.45	0-22 22-32	10yr 4/3 10yr 5/4	Siclllo + 5% gravel Siclllo 2% caliche	Ø
1.2.46	0-30 30-40	10yr 3/3 10yr 5/5	Siclllo Siclllo	Ø
1.2.47	0-15 15-25	10yr 4/3 10yr 5/6	Siclllo Siclllo	Ø
1.2.48	0-27 27-37	10yr 4/3 10yr 5/6	Siclllo Siclllo	Ø
1.2.49	0-24 24-34	10yr 4/3 10yr 5/6	Siclllo Siclllo	Ø
1.2.50	0-32 32-43 43-53	10yr 4/3 10yr 2/2 10yr 5/6	Siclllo Siclllo Siclllo	apparent agricultural filling of low area.
1.2.51	0-27 27-35 35-45	10yr 4/2 10yr 2/2 10yr 5/6	Siclllo Siclllo Siclllo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/5/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.52	0-17 17-30	10yr 4/3 10yr 5/4	Sicello Sicello	Ø
1.2.53	0-14 14-24	10yr 4/3 10yr 5/5	Sicello Sicello	Ø
1.2.54	0-15 15-25	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.55	0-40 40-6	10yr 4/3 Water table	Sicello Sicello	Ø
1.2.56	0-24 24-34	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.57	0-22 22-32	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.58	0-17 17-27	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.59	0-24 24-34	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.60	0-22 22-32	10yr 4/3 10yr 5/6	Sicello Sicello	Ø
1.2.61	0-30 30-40	10yr 4/3 10yr 5/6	Sicello Sicello	Ø

draw a line to separate shovel tests



Excavator(s):

Date:

Scit
6/5/2013

draw a line to separate shovel tests

Archaeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.66	0-20 20-30	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
1.2.67	0-22 22-32	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
1.2.68	0-24 24-34	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
1.2.69	0-23 23-34	10yr 4/4 10yr 5/6 + water	Siel lo Siel lo	Ø
1.2.70	0-18 18-28	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
1.2.71	0-24 24-34	10yr 4/4 10yr 5/6 + water	Siel lo Siel lo	Ø
1.2.72	0-18 18-28	10yr 4/4 25yr 5/5	Siel lo Siel lo	Ø
1.2.73	0-28 28-38	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
1.2.74	0-17 17-26	10yr 4/4 10yr 5/8	Siel lo Siel lo	Ø
1.2.75	0-22 22-32	10yr 4/4 10yr 5/8	Siel lo Siel lo	Ø
1.2.76	0-14 14-24	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/10/13 - 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.77	0-22 22-32	10 yr 4/4 10 yr 5/6 water	Sic1 lo Sic1 lo	Ø
1.2.78	0-18 18-28	10 yr 4/4 10 yr 5/6	Sic1 lo Sic1 lo	Ø
1.2.79	0-20 20-30	10 yr 4/4 10 yr 5/6	Sic1 lo Sic1 lo	Ø
1.2.80	0-24 24-34	10 yr 4/4 10 yr 5/6	Sic1 lo Sic1 lo	Ø
1.2.81	0-20 20-30	10 yr 4/4 10 yr 5/6	Sic1 lo Sic1 lo	Ø
1.2.82	0-21 21-31	10 yr 4/4 10 yr 5/6	Sic1 lo Sic1 lo	Ø
1.2.83	0-26 26-36	10 yr 4/4 10 yr 5/6 water	Sic1 lo Sic1 lo	Ø
1.2.84	0-10	10 yr 4/4 Not dug due to	Sic1 lo hole filling w water	Ø
1.2.85	0-20 20-30	10 yr 4/4 10 yr 5/6 + water	Sic1 lo Sic1 lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.86	0-24 24-34	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø
1.2.87	0-10	10 yr 4/4 + Standing water	Cap flipped not dug siello	Ø
1.2.88	0-10	10 yr 4/4 + Standing water	Cap flipped not dug Siel lo	Ø
1.2.89	0-22 22-34	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø
1.2.90	0-27 27-37	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø
1.2.90	0-25 25-35	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø
1.2.91	0-10	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø
1.2.92	0-30 30-40	10 yr 4/4 10 yr 5/6 + water	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

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edr Project #: 12062

Excavator(s): S.H.

Project Name: Clay Business Park Phase IB

Date: 8/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.93	0-26 26-30	10 yr 4/4 10 yr 5/6+ water	Siel lo Siel lo	Ø
1.2.94	0-22 22-34	10 yr 4/4 10 yr 5/6+ water	Siel lo Siel lo	Ø
1.2.95	0-21 21-31	10 yr 4/4 10 yr 5/6	Siel lo Siel lo	Ø
1.2.96	0-17 17-27	10 yr 4/4 10 yr 5/6	Siel lo Siel lo	Ø
1.2.97	0-12 12-22	10 yr 4/4 10 yr 5/6+note	Siel lo Siel lo	Ø
1.2.98	0-16 16-26	10 yr 4/4 10 yr 5/6	Siel lo Siel lo	Ø
1.2.99	0-16 16-26	10 yr 4/4 10 yr 5/6	Siel lo Siel lo	Ø
1.2.100	0-18 18-28	10 yr 4/4 10 yr 5/6	Siel lo Siel lo	Ø
1.2.101	0-	Standing Water	small stream	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): Set

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.102	0-10	10yr 4/4	flipped top	Ø
1.2.103	10-	Standing Water	filled w water	Ø
1.2.104				
1.2.105	0-16	10yr 4/3	Sic llo	Ø
	16-26	10yr 6/6	Sic llo	
2.2.06	Not dug standing water			Ø
2.2.07				
2.2.08	0-18	10yr 4/3	Sic llo	Ø
	18-20	10yr 5/6	Sic llo	
2.2.09	0-22	10yr 4/3	Sic llo	Ø
	22-32	10yr 5/6	Sic llo	
2.2.10	0-20	10yr 4/3	Sic llo	Ø
	20-30	10yr 5/6	Sic llo	
2.2.11	Not dug standing water			
2.2.12	0-10	10yr 4/3	Sic llo	Ø
	10-	Water	Ø	

draw a line to separate shovel tests



edr Project #: 12062 Excavator(s): DB
 Project Name: Clay Business Park Phase IB Date: 5-30-13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.01	0-26 26-40	10YR 4/2 dk gbr 10YR 5/3, 5/6 ybr	si CL Lo si CL	— water seepage
1.3.02	0-35 35-47	Same	Same	Same
1.3.03	0-30 30-40	Same	Same	Same
1.3.04	0-24	Same	Same	water
1.3.05	0-24	Same	Same	water
1.3.06	0-26	Same	Same	water
1.3.07	0-30 30-40	Same Same	Same	— water seepage
1.3.08	0-30 30-40	Same Same	Same	=
1.3.09	0-39 39-50	Same Same	Same	small pebbles/cobbles
1.3.10	0-30 30-40	Same Same	Same	sm. pebbles/cobbles
1.3.11	0-30 30-43	Same Same	Same	=
1.3.12	0-40 40-53	Same Same	Same	water seepage
1.3.13	0-24	Same	Same	water
1.3.14	0-24	Same	Same	water
1.3.15	0-24	Same	Same	water

Archeological Survey Field Record Sheet

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 5-30-13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.16	0-24	10YR 4/2 dk grkr	sa cl lo	water
1.3.17	0-24	Same	Same	water
1.3.18	0-30	Same	Same	water
1.3.19	0-28	Same	Same	water
1.3.20	0-30	Same	Same	water
1.3.21	0-30	Same	Same	water
1.3.22	0-33	Same	Same	water
1.3.23	0-31	10YR 4/2 10YR 5/3, 5/6	sa cl lo si cl	moist
EOT				

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-4-13

Location/Setting:

Area 1 - continued

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.24	0-6 6-17 17-30	10 yr 3/3 7.5y 5/4 10 yr 6/2	silo sa lo sillo	In old pasture Area behind Sheds/barn
1.3.25	0-17 17-31	10 yr 3/2 10 yr 4/6	silo cl si	In front of Chicken Coop/shed 5% gravel
1.3.26	0-15 15-25	10 yr 3/3 10 yr 4/6	silo silo	at a wood line
1.3.27	0-15 15-25	Same	Same	Same
1.3.28	0-33 33-46	Same	Same	Same 5% pebbles/small cobbles
1.3.29	0-25 25-35	Same	silo cl si	5% pebbles/sm. cobbles
1.3.30	0-30 30-40	Same	Same	In open field again where line V's
1.3.31	0-27 27-37	Same	Same	Inside wire fence area
1.3.32	0-27 27-37	Same	Same	outside wire fence area
1.3.33	0-12 12-24	10 yr 3/3 10 yr 5/4	silo silo	in an old Farm Road that runs inside tree line.
1.3.34	0-20 20-30	Same	Same	Same place
1.3.35	0-34 34-44	Same	Same	Other side of tree line + other open field under an ancient maple

Archeological Survey Field Record Sheet

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-4-13

Location/Setting: open field

6.5-13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.36	0-24 24-34	10yr 3/3 10yr 5/4	Silo Silo	Open field -
1.3.37	0-27 27-39	10yr 3/2 10yr 5/6	Silo Silo	=
1.3.38	0-24 24-40	10yr 3/3 10yr 4/6	Silo CL si	=
1.3.39	0-27 27-41	Same	Same	=
XXX	XXX	X	6-5-13	XXXXXXX
1.3.40	0-27 27-37	10yr 3/4 10yr 6/3	Silo Silo	=
1.3.41	0-26 26-40	Same	Same	=
1.3.42	0-30 30-40	Same	Same	=
new Patterns Starts 1.3.43	0-30 30-40	Same	Same	= an extra STP w dug on line ? between 42-43 -
1.3.44	0-38 38-51	10yr 3/3 10yr 4/6	Same	=
1.3.45	0-30 30-40	10yr 3/3 10yr 5/4	CL Lo CL si	=
1.3.46	0-38 38-54	Same	Same	=
1.3.47	0-33 33-43	Same	Same	=
1.3.48	0-27 27-37	Same	Same	=

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

edr Project #: 12062

Excavator(s):

DB

Project Name: Clay Business Park Phase IB

Date:

6-5-13

Location/Setting:

open field to woodline & woods

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.49	0-33 33-43	10yr 3/3 10yr 5/4	cl lo cl si	-
1.3.50	0-33 33-43	10yr 3/2 10yr 4/4	cl lo cl si	-
1.3.51	0-38 38-48	Same	Same	-
1.3.52	0-40 40-50	10yr 3/3 10yr 5/4	si lo si lo	Just inside woodline
1.3.53	0-30 30-40	Same	Same	In woods
1.3.54	0-40 40-50	Same	si cl si cl	Same Soils moist
1.3.55	0-20 20-30	Same	Same	Same
1.3.56	0-33 33-47	Same	Same	=
1.3.57	0-24 24-36	Same	Same	=
1.3.58	0-24 24-34	Same	Same	=
1.3.59	0-37 37-47	Same	Same	=
1.3.60	0-33 33-47	Same	Same	=
1.3.61	0-30 30-43	Same	Same	=



Excavator(s):

Date:

In woods

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-10-13

Location/Setting: woods / brush / wetlands

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.65	0-28 28-46	10yr 3/2 10yr 5/4	cl lo si cl	Water @ 38 cmbs
1.3.66	0-24 24-38	10yr 3/3 10yr 5/4, 5/6	cl lo si cl	-
1.3.67	0-24 24-37	Same	Same	Water @ 26 cmbs
1.3.68	0-22 22-26	Same	Same	Water @ 18 cmbs
1.3.69	0-20	10yr 3/2	cl lo	Water @ 20 cmbs
1.3.70	0-30 30-40	10yr 3/2 10yr 5/6	cl lo si cl	Water
1.3.71	0-37 37-50	Same	Same	Water
1.3.72	0-30 30-40	10yr 3/3 10yr 5/4	cl lo si cl	-
1.3.73	0-25 25-37	Same	Same	=
1.3.74	0-27	10yr 3/3 10yr 5/4	cl lo si cl	=
1.3.75	0-30 30-40	10yr 5/2 10yr 6/3, 5/6	cl lo si cl	=
1.3.76	0-28 28-38	Same	Same	=
1.3.77	0-30 30-40	Same	Same	=
1.3.78	0-30 30-40	Same	Same	=
1.3.79	0-30 30-40	Same	Same	=
1.3.80	0-30 30-40	Same	Same	=

edr Project #: 12062

Excavator(s):

D.B.

Project Name: Clay Business Park Phase IB

Date:

6-11-13

Location/Setting:

woods / open field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.81	0-30 30-40	10yr 5/2 10yr 6/3, 5/6	cl lo silt	water
1.3.82	0-30 30-40	Same	Same	water
1.3.83	0-30 30-40	Same	Same	water Last one in woods
1.3.84	0-30 30-49	10yr 3/2 10yr 5/6	Same	In field
1.3.85	0-24	Same	Same	water @ 24 cmbs
1.3.86	0-20	Same	Same	water @ 20 cmbs
1.3.87	0-10	Same	Same	water @ 10 cmbs
1.3.88	0-10	Same	Same	water @ 10 cmbs
1.3.89	0-30 30-34	Same	Same	water @ 34 cmbs
1.3.90	0-30 30-37	Same	Same	water @ 37 cmbs
1.3.91	0-30 30-36	Same	Same	water @ 36 cmbs
1.3.92	0-30 30-35	Same	Same	water @ 35 cmbs
1.3.93	0-30 30-43	Same	Same	wet
1.3.94	0-31 31-43	Same	Same	wet
1.3.95	0-32 32-43	Same	Same	wet

edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

woods / field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.95	0-33 33-43	10YR 3/2 10YR 5/6	CL lo silt	Wet
1.3.96	0-35 35-45	Same	Same	Wet
1.3.97	0-40 40-50	Same	Same	Water Seepage - last one in field -
1.3.98	0-15	Same	Same	In Trees - next to large coil of barbed wire water @ 15 cmbs
1.3.99	0-33 33-40	10YR 5/2 10YR 5/6, 6/3	Same	Water @ 40 cmbs, next to large old tree
1.3.100	0-30	Same	Same	Water @ 30 cmbs next to large old tree
1.3.101	0-25 25-35	Same	Same	Wet
1.3.102	—	—	—	In Several inches of standing water
1.3.103	0-33 33-40	10YR 3/1 10YR 5/4	Same	Water @ 40 cmbs
1.3.104	0-28 28-34	Same	Same	Water
1.3.105	0-27 27-37	Same	Same	—
	EOT			



Excavator(s): FMM

Date: 6/4/13

[illegible]

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.1.98	0-29cm 29-43	10YR 4/4, mottled 10YR 6/4	silo silo	
1.1.99	0-15cm 15-25	10YR 3/2 10YR 7/4	silo silo	w/Diane
1.1.100	0-25cm	10YR 3/3	standing water	
1.1.101	0-25cm	10YR 3/3	standing water	
EOT				
2.1.06	NA	NA	NA	standing water
2.1.07	0-35cm 35-46	10YR 4/2 10YR 6/4	silo silo	
2.1.08	0-27cm 27-39	10YR 4/2 10YR 6/4	silo silo	
2.1.09	0-35cm 35-45	10YR 4/2 10YR 6/4	silo silo, inundated	
2.1.10	0-5cm		gravel	within 20ft of trans. line tower; heavy gravel
2.1.11	NA	NA	NA	at trans. line tower footprint

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/17/13

Location/Setting:

REVERSE FOR THESE AS THIS SHEET ON CT TAX

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.61	0-10cm	10YR 4/3	Silo	standing water w/ Sun + Plane
NEW AREA				
1.2.12	0-28cm 28-37	10YR 3/3 10YR 4/6	Silo Silo, inundated	—
1.2.13	0-26cm 26-36	10YR 4/3 10YR 4/6	Silo, inundated Silo, inundated	—
NEW AREA				
1.3.63	0-23cm 23-40	10YR 4/4 10YR 4/6	Silo Silo	—
1.3.64	0-22cm 22-33	10YR 4/4 10YR 4/6	Silo Silo	bituminous coal Frag.
1.3.65	0-23cm 23-39	10YR 4/4 10YR 4/6	Silo Silo	square nail
NEW AREA				
1.2.14	0-39cm 39-56	10YR 3/3 10YR 5/4, mottled	Silo Silo	—
1.2.15	0-28cm 28-38	10YR 4/3 10YR 4/6	Silo Silo, inundated	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/17/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.2.28	0-10 10-	10 yr 4/3 water	Sicello	Ø
2.2.29	0-10 10-	10 yr 4/3 water	Sicello	Ø
2.2.30	0-24 24-34	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.2.31	0-25 25-35	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.2.32	0-29 29-39	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.2.33	0-24 24-34	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.2.34	0-27 27-37	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.1.16	0-22 22-32	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø
2.1.17	0-25 25-35	10 yr 4/3 10 yr 4/6	Sicello Sicello	Ø

draw a line to separate shovel tests



woods

draw a line to separate shovel tests

neological Survey Field Record Sheet

edr Project #: ~~10035~~ 12062

Excavator(s): FMM

Project Name: Wilcox Estates - Phase 1 Survey

Date: 6/18/13

Location/Setting:

Clay Business Park Phase 1B

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
Z.1.20	0-27cm 27-40	10YR 3/3 10YR 4/4	sicll sicllo	—
Z.1.21	0-25cm 25-42	10YR 3/3 10YR 4/4	siclllo sicllo	—
Z.1.22	0-22cm 22-32	10YR 3/3 10YR 4/6	Silo Silo, water	—
Z.1.23	0-30cm 30-40	10YR 4/3 10YR 5/4	Silo Silo, water	—
Z.1.24	0-33cm 33-45	10YR 3/3 10YR 4/6	Silo Silo, water	—
Z.1.25	0-26cm 26-39	10YR 3/3 10YR 4/6, mottled w/ grey	Silo Siclllo, water	—
Z.1.26	0-? (25cmish)	10YR 3/3	Silo... standing water	—
Z.1.27	0-? (25cmish)	10YR 3/3	Silo... standing water	—
Z.1.28	0-25cm 25-35	10YR 4/3 10YR 4/6	Silo Siclllo, water	—
Z.1.29	0-24cm 24-38	10YR 4/3 10YR 4/6	Silo Siclllo, water	—
Z.1.30	0-30cm 30-42	10YR 4/3 10YR 4/6	Silo Siclllo, water	—
Z.1.31	0-28cm 28-42	10YR 4/3 10YR 4/4	Siclllo Siclllo	—
Z.1.32	0-26cm 26-36	10YR 4/3 10YR 4/6	Siclllo Siclllo, water	—
Z.1.33	0-22cm 22-36	10YR 4/3 10YR 4/6	Siclllo Siclllo, water	—
Z.1.34	0-29cm 29-41	10YR 4/3 10YR 4/6	Siclllo Siclllo, water	just inside bashed edge of field
Z.1.35	0-25cm 25-36	10YR 4/3 10YR 4/6	Siclllo Siclllo, water	—

draw a line to separate shovel tests



Excavator(s): FMM

Date: 6/18/13

Location/Setting:

draw a line to separate shovel tests

11(23)

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/4/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.2.1	0-23 23-33	10yr 4/3 10yr 5/5	Sic1lo Sic1lo	Ø
2.2.2	0-20 20-30	10yr 3/3 10yr 5/5	Sic1lo Sic1lo	Ø
2.2.3	0-23 23-33	10yr 3/3 10yr 5/5	Sic1lo Sic1lo	Ø
2.2.4	0-22 22-35	10yr 3/3 10yr 5/6	Sic1lo Sic1lo	Ø
2.2.5	0-19 19-29	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
2.2.6	0-22 22-32	10yr 4/3 10yr 5/6	Sic1lo Sic1lo	Ø
2.2.7	0-13 13-20 20-28	10yr 4/3 10yr 4/2 10yr 5/6	Sic1lo Sic1lo + 15% gravel Sic1lo	compacted interval likely due to previous potholing, fence lines animal bedding, etc.
2.2.8	0-22 22-22	10yr 4/3 10yr 5/6	Sic1lo + 5% gravel Sic1lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.2.10	0-10	10. yr 4/3	Red top	Ø
1.2.102	10	Standing water	Red top	Ø
1.2.104	3-5	10. yr 4/3	Sic 10	Ø
1.2.105	18-26	10. yr 5/6	Sic 10	Ø
2.2.106	Not dug standing water			Ø
2.2.107	0-18	10. yr 4/3	Sic 10	Ø
2.2.108	18-30	10. yr 5/6	Sic 10	Ø
2.2.109	0-22	10. yr 4/3	Sic 10	Ø
2.2.110	22-32	10. yr 5/6	Sic 10	Ø
2.2.111	0-20	10. yr 4/3	Sic 10	Ø
2.2.112	20-30	10. yr 5/6	Sic 10	Ø
2.2.113	Not dug standing water			Ø
2.2.114	0-10	10. yr 4/3	Sic 10	Ø
2.2.115	10-	Water	Ø	Ø

draw a line to separate shovel tests



12062

Excavator(s): SCH

Clay Business Park Phase IB

Date: 6/12/13

Setting:

Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.54	0-15 15-25	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
2.55	0-14 14-24	10yr 4/3 10yr 6/2+ water	Siel lo Siel lo	Ø Ø
2.56	0-27 27-37	10yr 4/3 10yr 5/6	Siel lo Siel lo	Ø
2.57	0-16 16-	10yr 4/3 Water	Siel lo	Ø
2.58	0-27 27-37	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
2.59	0-28 28-38	10yr 4/3 10yr 5/6	Siel lo Siel lo	Ø
2.13	0-20 20-30	10yr 4/3 10yr 5/6	Siel lo Siel lo	Ø
2.14	0-28 28-38	10yr 4/3 10yr 5/6	Siel lo Siel lo	Ø
2.15	0-22 22-32	10yr 4/3 10yr 5/6	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): JCF

Project Name: Clay Business Park Phase IB

Date: 2/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.60	0-22 22-32	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
3.2.61	0-18 18-28	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
3.2.62	0-32 32-42	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
2.2.16	0-24 24-34	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
2.2.17	0-32 32-45	10yr 4/4 10yr 5/6 twice	Sic/lo Sic/lo	1 square nail 1 window glass 1 burned glass 1 brick? 3 slate

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/17/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.2.18	0-14 14-	10yr 4/3 Water	Siello "	Ø
2.2.19	0-10 10-	10yr 4/3 Water	Siello	Ø
2.2.20	0-23 23-32	10yr 4/3 10yr 5/4+ Water	Siello Siello	Ø
2.2.21	0-24 24-34	10yr 4/3 10yr 4/6+ Water	Siello Siello	Ø
2.2.22	0-28 28-38	10yr 4/3 10yr 4/6	Siello Siello	Ø
2.2.23	0-10 10-	10yr 4/3 Water	Siello	Ø
2.2.24	0-10 10-	10yr 4/3 Water	Siello	Ø
2.2.25	0-10 10-	10yr 4/3 Water	Siello	Ø
2.2.26	0-10 10-	10yr 4/3 Water	Siello	Ø
2.2.27	0-10 10-	10yr 4/3 Water	Siello	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCW

Project Name: Clay Business Park Phase IB

Date: 6/17/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.2.28	0-10 10-	10 yr 4/3 water	Sic llo	Ø
2.2.29	0-10 10-	10 yr 4/3 water	Sic llo	Ø
2.2.30	0-24 24-34	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.2.31	0-25 25-35	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.2.32	0-29 29-39	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.2.33	0-24 24-34	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.2.34	0-27 27-37	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.1.16	0-22 22-32	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø
2.1.17	0-25 25-35	10 yr 4/3 10 yr 4/6	Sic llo Sic llo	Ø

draw a line to separate shovel tests



Date:

Location/Setting: Open field behind house
area 2

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s):

DB

Project Name: Clay Business Park Phase IB

Date:

6-11-13

Location/Setting:

wetlands/brush

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.3.06	—	—	—	standing water everywhere
2.3.07	—	—	—	Same
2.3.08	0-30 30-41	10yr 4/2 10yr 5/4, 6/3	cl lo si cl	— water seepage
2.3.09	0-33 33-43	10yr 4/2 10yr 5/4, 6/3	cl lo si cl	— —
2.3.10	0-30	Same	Same	water
2.3.11	0-33 33-43	Same	Same	— —
2.3.12	0-27	10yr 4/3	cl lo	water @ 27cmbs
2.3.13	0-28 28-39	10yr 4/3 10yr 5/6	cl lo si cl	— —
	BOT			

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-12-13

Location/Setting:

brush/wetlands / open Field
area 2

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.3.14	0-30 30-43	10yr 4/2 10yr 5/6	cl lo si lo	==
2.3.15	0-26 26-39	Same	cl lo si lo	wet
2.3.16	0-31 31-45	Same	Same	==
EOT For this segment				
2.3.17	0-30 30-40	Same	Same	at edge of open Field water @ 30 cmbs.
2.3.18	0-18 18-21	10yr 2/2 10yr 6/4	cl lo si cl	1 nail Rock layer, possibly stacked next to older maple
2.3.19	0-30 30-40	Same	Same	==
2.3.20	0-28 28-38	10yr 3/4 10yr 5/4	cl lo si cl	approx. 3m N of a cement edged, brick lined (well covered by rusted tin approx 2m x 2m also next to a extremely old tree (cottonwood?))

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-14-13

Location/Setting:

open field - wetlands

area 2 - corner near RR tracks / Caughdenoy Rd.

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
2.3.21	0-30 30-40	10yr 4/2 vdkc 10yr 6/3, 5/6 y/b	cll sill	water @ 36 cmbs
2.3.22	0-30 30-40	10yr 4/2 10yr 6/3, 5/8	cll sill	
2.3.23	0-25 25-35	same	same	water @ 32 cmbs
2.3.24	0-27 27-37	same	same	water @ 35 cmbs
2.3.25	0-33 33-43	same	same	very wet / surface water water @ 30 cmbs
2.3.26	0-23	same	same	water @ 5 cmbs
2.3.27	0-30 30-43	10yr 3/2 10yr 5/2, 5/4	same	surface water soils very wet
2.3.28	0-30 30-45	10yr 3/3 10yr 6/3, 5/8	same	soils wet
2.3.29	0-30 30-45	10yr 3/2 10yr 5/4, 6/3	same	soils wet
2.3.30	0-27 27-37	10yr 4/2 10yr 5/4, 6/3	same	soils wet
2.3.31	0-33 33-43	10yr 3/3 10yr 7/2, 5/8	same	same
2.3.32	0-30 30-40	10yr 3/2 10yr 5/4, 5/6	same	same
2.3.33	0-5	10yr 4/2	cll	water
2.3.34	0-11	same	same	water
2.3.35	0-24	same	same	water
2.3.36	0-24	same	same	water
2.3.37	0-30 30-40	10yr 4/2 10yr 4/6	same	water @ 35 cmbs at brush line

2.3.38 0-32
32-4210yr 5/2
10yr 7/3, 5/8cll
sillIn brush
water @ 30 cmbs

draw a line to separate shovel tests

EOT

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): TAC

Project Name: Clay Business Park Phase IB

Date: 05-31-2013

Location/Setting: AREA 3 - OPEN, UN PLOWED FIELD

Shovel Test	Depth cmBS	Soil Color	Soil Texture	Artifacts/Comments
3.1.01	0 - 25	10YR 5/4 - 4B	S. Lo - AP2	NCM
	25 - 35	10YR 5/6 + 10YR 6/4	S. CL Lo	NCM
3.1.02	0 - 35	10YR 5/4 - 4B	S. Lo - AP2	NCM
	35 - 45	10YR 5/6 - 4B	S. Cl	NCM
3.1.03	0 - 34	10YR 5/4 - 4B	S. Lo - AP2	NCM
	34 - 44	10YR 5/6 + 10YR 6/4	S. CL Lo	NCM
3.1.04	0 - 26	10YR 5/4 - 4B	S. Lo - AP2	NCM
	26 - 35	10YR 5/8 - 4B	S. CL Lo	NCM
3.1.06	0 - 30	10YR 5/4 - 4B	S. Lo - AP2	NCM
	30 - 37	10YR 5/6 + 10YR 6/4	S. CL Lo	NCM
3.1.06	0 - 24	10YR 4/3 - B	S. Lo - AP2	NCM
	24 - 35	10YR 6/6 - B4	S. Cl	NCM - WATER @ 31 CMBS
3.1.07	0 - 32	10YR 4/4 - 10YB	S. Lo - AP2	NCM
	32 - 41	10YR 5/8 - 4B	S. Cl	NCM
3.1.08	0 - 25	10YR 4/4 - 10YB	S. Lo - AP2	NCM
	25 - 34	10YR 5/8 - 4B	S. Cl	NCM
3.1.09	0 - 34	10YR 4/4 - 10YB	S. Lo - AP2	NCM
	34 - 43	10YR 5/6 - 10YB	S. Cl	NCM
3.1.10	0 - 25	10YR 4/3 - B	S. Lo - AP2	NCM
	25 - 36	10YR 5/6 + 10YR 6/4	S. Cl	NCM

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): GT

Project Name: Clay Business Park Phase IB

Date: 5-31-13

Location/Setting: Buildable Area 3 - Transect 3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.13	0-24 24-34	10 yr 3/3 10 yr 5/6	silty loam "	NCM "
3.3.14	0-23 23-35	10 yr 3/3 10 yr 5/6	" "	" "
3.3.15	0-24 24-34	10 yr 3/3 10 yr 5/8	" "	" "
3.3.16	0-26 26-36	10 yr 3/3 10 yr 5/8	" "	" "
3.3.17	0-25 25-33	10 yr 3/3 10 yr 5/8	" "	" "
3.3.18	0-26 26-35	10 yr 3/3 10 yr 5/8 / 10 yr 6/2	" "	" "
3.3.19	0-24 24-33	10 yr 3/3 10 yr 5/8	" "	NCM NCM
<hr/>				
3.1.11	0-23 23-35	10 yr 4/4 ? 10 yr 5/8	" "	NCM NCM
3.1.12	0-26 26-35	10 yr 4/3 10 yr 5/8	" "	" "
3.1.13	0-27 27-36	10 yr 4/3 10 yr 5/8	" "	" "

draw a line to separate shovel tests



Excavator(s):

Date:

open field

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/3/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.1.20	0-3cm 3-30 30-35	sod 10YR 5/4 10YR 5/6	silty loam loam	—
3.1.21	0-5cm 5-24 24-35	sod 10YR 4/3 10YR 4/4 mottled 5/6	silo silo w/clay	—
3.1.22	0-5cm 5-23 23-36	sod 10YR 4/3 10YR 4/4 mottled 5/6	silo silo w/clay incl.	metal lump
3.1.23	0-5cm 5-22 22-37	sod 10YR 4/3 10YR 4/4 mottled 5/6	silo silo w/clay	—
3.1.24	0-5cm 5-22 22-36	sod 10YR 4/3 10YR 4/6 mottled 6/6	silo silo w/clay	—
3.1.25	0-5cm 5-24 24-43	sod 10YR 3/2 10YR 6/4	silo silo w/clay	wet soil
3.1.26	0-5cm 5-26 26-40	sod 10YR 4/3 10YR 4/4 mottled 5/6	silo silo w/clay	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/3/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.1.27	0-5 cm 5-25 25-35	10YR 5/4 10YR 5/6	silo silo	—
3.1.28	0-5 cm 5-29 cm 29-44	10YR 5/4 10YR 5/6	silo silo	—
3.1.29	0-5 cm 5-22 22-36	10YR 5/4 10YR 5/6	silo silo	—
3.1.30	0-5 cm 5-22 22-35	10YR 5/4 10YR 5/6	silo silo w/clay	— inside copse
3.1.31	0-5 cm 5-9 9-36	10YR 5/4, mottled 10YR 5/6	silo silo, w/clay	—
3.1.32	0-5 cm 5-22 22-39	10YR 5/4 10YR 5/6	silo silo	—
3.1.33	0-5 cm 5-16 16-33	10YR 5/4 10YR 5/6	silo silo	—
3.1.34	0-5 cm 5-18 18-38	mottled 10YR 5/4 10YR 5/4 mottled 10YR 5/6	silo sandy loam sandy loam	— inside treeline
3.1.35	0-5 cm 5-36	10YR 2/2, mottled 10YR 4/4	sandy loam sandy loam	— heavy roots

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/3/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.1.36	0-5 5-28	mottled 10YR 5/4 10YR 5/6	Sandy Loam Sandy Loam	Heavy roots
3.1.37	0-5 5-24 24-33	mottled 10YR 5/4 10YR 5/4 10YR 5/6	Sandy Loam " "	—
3.1.38	0-5 5-24 24-34	mottled 10YR 5/4 10YR 5/4 10YR 5/6	Sandy Loam " "	—
3.1.39	0-29 29-42	10YR 4/3 10YR 5/4	Sandy Loam Clay Loam	—
3.1.40	0-21 21-31	10YR 5/4 10YR 5/6	Sandy Loam Clay Loam	—
3.1.41	0-22 22-33	10YR 5/4 10YR 5/6	silo silo	—
3.1.42	0-23 23-33	10YR 5/4 10YR 5/6	silo silo	—
3.1.43	0-17 17-36	10YR 5/4 10YR 6/3, mottled	silo silo w/clay	—
3.1.44	0-24 24-34	10YR 5/4 10YR 6/3	silo silo w/clay	—
6/4/13 2.1.				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/12/13

Location/Setting:

REVERSE
THESE #S FOR THIS
SHEET ONLY

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
1.3.45	0-25cm 25-43	10YR 4/4 10YR 6/4	silo silo	
1.3.46	0-27cm 27-43	10YR 4/4 10YR 6/4	silo silo	
1.3.47	0-25cm 25-44	10YR 4/4 10YR 4/6	silo silo	
1.3.48	0-25cm 25-39	10YR 4/4 10YR 4/6	silo silo	
1.3.49	0-18cm 18-33	10YR 4/6 10YR 4/6, mottled	silo silo	
1.3.50	0-32cm 32-43	10YR 4/6 10YR 6/4	silo silo	heavy tree roots
1.3.51	0-15cm 15-43	10YR 4/4 10YR 4/6	silo silo	
1.3.52	0-41cm 41-51	10YR 3/3 10YR 4/6	silo silo, inundated	
1.3.53	0-26cm 26-39	10YR 3/3 10YR 4/6	silo silo, inundated	
1.3.54	0-24cm 24-37	10YR 3/2 10YR 4/6	silo silo, inundated	
1.3.55	0-24cm 24-38	10YR 3/2 10YR 4/6	silo silo	
1.3.56	0-25cm	10YR 3/3	standing water	
1.3.57	0-10cm 10-20	10YR 4/3 10YR 5/6	standing water	w/ Sami Arrow
1.3.58	0-10cm	10YR 4/3	standing water	w/ Sami Arrow
1.3.59	0-38cm 38-51	10YR 4/3 10YR 4/4	silo clay-silo, inundated	
1.3.60	0-27cm 27-33	10YR 4/3 10YR 5/6	silo silo	w/ Sami Diane

draw a line to separate shovel tests



FMR

6/17/13

REVERSE FOR THIS SHEET ON CT TAK

Shovel Test	Depth
-------------	-------

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 5-30-13

Location/Setting: Open Field

5-31-13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.01	0-30 30-40	10YR 3/3 br 10YR 6/2, 5/8	Silo sil	— —
3.2.02	0-30 30-40	Same Same	Same Same	— —
3.2.03	0-30 30-40	Same	Same	— —
3.2.04	0-30 30-40	Same	Same	— —
3.2.05	0-28 28-38	Same	Same	— —
3.2.06	0-30 30-40	Same	Same	— —
3.2.07	0-15 15-33	Same	Same	— very dry soils
3.2.08	0-28 28-38	Same	Same	— —
3.2.09	0-37 37-48	Same	Same	— —
3.2.10	0-32 32-47	Same	Same	— —
3.2.11	0-34 34-44	Same	Same	— —
3.2.12	0-27 27-37	Same	Same	— —

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 5-31-13

Location/Setting:

open field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.13	0-26 26-37	10YR 3/3 br 10YR 6/2, 5/8	Silt silt	Very dry soils
3.2.14	0-25 25-35	same	same	same
3.2.15	0-26 26-36	same	same	same
3.2.16	0-27 27-39	same	same	=
3.2.17	0-30 30-40	same	same	=
3.2.18	0-30 30-40	same	same	=
3.2.19	0-30 30-40	same	same	=
EOT				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/3/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.20	0-3 cm 3-25 25-35	Sod 10 yr 4/1 10 yr 6/3	Sic llo Silo	Ø
3.2.21	0-2 2-25 25-35	Sod 10 yr 4/4 10 yr 6/3	Silo Silo	Ø
3.2.22	0-2 2-29 29-39	Sod 10 yr 4/2 10 yr 6/3	Silo Silo	Ø
3.2.23	0-2 2-20 20-30	Sod 10 yr 4/3 10 yr 6/3	Sic llo Sic llo	Ø
3.2.24	0-2 2-28 28-38	Sod 10 yr 5/3 10 yr 6/3	Sic llo Sic llo	Ø
3.2.25	0-2 2-26 26-36	Sod 10 yr 4/4 10 yr 6/3	Sic llo Silo	Ø
3.2.26	0-2 2-22 22-32	Sod 10 yr 4/3 10 yr 6/2	Sic llo Sic llo	Ø
3.2.27	0-2 2-19 19-29	Sod 10 yr 4/4 10 yr 6/4	Sic llo Sic llo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/3/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.28	0-18 18-28	10-yr 4/3 10-yr 5/6	Silo Sic lo	at edge of forest Ø
3.2.29	0-14 14-24	10-yr 4/4 10-yr 5/5	S. lo Silo	8m SW of large push pile, no visible historic material Ø
3.2.30	0-24 24-36 36-46	10-yr 4/4 10-yr 2/2 + 7.5y 5/6 10-yr 5/5	Silo Sic lo Silo	Buried lower of dark organic soil with clayish benign concretions at edge of forest. 10m east of with push pile. Ø Cobble
3.2.31	0-21 21-31	10-yr 4/4 10-yr 5/5	Sic lo Sic lo	Ø
3.2.	0-23 23-33	10-yr 4/4 10-yr 6/3	Sic lo Sic lo	Ø
3.2.33	0-20 20-30	10-yr 4/4 10-yr 6/4	Silo Silo	Ø at edge of forest
3.2.34	0-22 22-32	10-yr 5/4 10-yr 6/5	Silo Silo	Ø
3.2.35	0-18 18-28	10-yr 5/4 10-yr 6/5	Silo Silo	Ø
3.2.36	0-24 24-34	10-yr 5/4 10-yr 6/5	Silo Silo	Ø
3.2.37	0-35 35-45	10-yr 5/4 10-yr 6/5	Silo Sic lo	Ø

draw a line to separate shovel tests

ed

Excavator(s):

Date:

SC#
6/3/2013

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SeH

Project Name: Clay Business Park Phase IB

Date: 6/12/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.45	0-28 28-38	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
3.2.46	0-25 25-35	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
3.2.47	0-22 22-32	10yr 4/4 10yr 6/4	Sic1 lo Sic1 lo	Ø
3.2.48	0-24 24-34	10yr 4/4 10yr 6/6	Sic1 lo Sic1 lo	Ø
3.2.49	0-22 22-32	10yr 4/4 10yr 6/6	Sic1 lo Sic1 lo	Ø
3.2.50	0-20 20-30	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
3.2.51	0-18 18-28	10yr 4/3 10yr 5/6+ water	Sic1 lo Sic1 lo	Ø
3.2.52	0-22 22-32	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
3.2.53	0-16 16-26	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/12/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.54	0-15 15-25	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
3.2.55	0-14 14-24	10yr 4/3 10yr 6/2+ water	Sic1 lo Sic1 lo	Ø Ø
3.2.56	0-27 27-37	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
3.2.57	0-16 16-	10yr 4/3 water	Sic1 lo	Ø
3.2.58	0-27 27-37	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
3.2.59	0-28 28-38	10yr 4/3 10yr 5/6	Sic1 lo sic1 lo	Ø
2.2.13	0-20 20-30	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
2.2.14	0-28 28-38	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø
2.2.15	0-22 22-32	10yr 4/3 10yr 5/6	Sic1 lo Sic1 lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/11/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.2.60	0-22 22-32	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
3.2.61	0-18 18-28	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
3.2.62	0-32 32-42	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
2.2.16	0-24 24-34	10yr 4/4 10yr 5/6	Sic/lo Sic/lo	Ø
2.2.17	0-32 32-45	10yr 4/4 10yr 5/6 twice	Sic/lo Sic/lo	1 square nail 1 window glass 1 burned glass 1 brick? 3 slate

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): GT

Project Name: Clay Business Park Phase IB

Date: 5-31-13

Location/Setting: Buildable Area 3 - Transect 3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.13	0-24	10 yr 3/3	silty loam	NCM
	24-34	10 yr 5/6	"	"
3.3.14	0-23	10 yr 3/3	"	"
	23-35	10 yr 5/6	"	"
3.3.15	0-24	10 yr 3/3	"	"
	24-34	10 yr 5/8	"	"
3.3.16	0-26	10 yr 3/3	"	"
	26-36	10 yr 5/8	"	"
3.3.17	0-25	10 yr 3/3	"	"
	25-33	10 yr 5/8	"	"
3.3.18	0-26	10 yr 3/3	"	"
	26-35	10 yr 5/8 / 10 yr 6/2	"	"
3.3.19	0-24	10 yr 3/3	"	NCM
	24-33	10 yr 5/8	"	NCM
3.1.11				
3.1.12				
3.1.13				
★ 3.1.11	0-23	10 yr 4/4 ?	"	NCM
	23-35	10 yr 5/8	"	NCM
3.1.12	0-26	10 yr 4/3	"	"
	26-35	10 yr 5/8	"	"
3.1.13	0-27	10 yr 4/3	"	"
	27-36	10 yr 5/8	"	"

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting: Buildable Area 3

(EL/GJ)
5-30 5-31-13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.01	0-24 24-35	10YR 3/3 10YR 8/10YR 5/2	Silt loam Silt loam	Ac Ac
3.3.02	0-21 21-31	10YR 3/3 10YR 5/8/10YR 4/2	" "	" "
3.3.03	0-26 26-38	10YR 3/3 10YR 5/6	" "	" "
3.3.04	0-29 29-40	" "	" "	" "
3.3.05	0-25 25-35	10YR 3/3 10YR 5/8	" "	" "
3.3.06	0-25 25-35	10YR 3/3 10YR 5/8/10YR 6/2	" "	" "
3.3.07	0-26 26-34	10YR 3/3 10YR 5/8	" "	" "
3.3.08	0-25 25-35	10YR 3/3 10YR 5/6	" "	" "
3.3.09	0-25 25-37	10YR 3/3 10YR 5/8/10YR 6/2	" "	" "
3.3.10	0-24 0-36	10YR 3/3 10YR 5/8	" "	" "
3.3.11	0-20 20-33	10YR 3/3 10YR 5/8	" "	" "
3.3.12	0-22 22-34	10YR 3/3 10YR 5/8/10YR 6/2	" "	" "

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB TAK

Project Name: Clay Business Park Phase IB

Date: 6-3-13

Location/Setting:

open field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.20	0-28 28-38	10yr 3/3 br 10yr 6/2, 5/8	si lo si cl	=
3.3.21	0-28 28-38	Same	Same	=
3.3.22	0-44 44-57	Same	Same	Water seepage
3.3.23	0-28 28-38	Same	Same	=
3.3.24	0-34 34-44	Same	Same	=
3.3.25	0-25 25-35	Same	Same	=
3.3.26	0-24 24-34	Same	Same	=
3.3.27	0-32 32-41	Same	Same	=
3.3.28	0-30 30-40	Same	Same	=
3.3.29	0-25 25-35	Same	Same	=
3.3.30	0-30 30-40	Same	Same	=
3.3.31	0-30 30-40	Same	Same	=

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB TAK

Project Name: Clay Business Park Phase IB

Date: 6-3-13

Location/Setting:

edge of field + back tree line

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.32	0-34 34-44	10YR 3/3 10YR 6/2, 5/8	SiLo silt	=
3.3.33	0-36 36-47	Same	Same	= Inside woodline
3.3.34	0-38 38-48	Same	Same	= Same
3.3.35	0-34 34-44	Same	Same	= Same
3.3.35	0-30 30-43	10YR 3/4 10YR 4/6	SiLo SiLo	= edge of tree line by fern grove
3.3.36	0-32 32-42	10YR 3/3 10YR 5/3	SiLo SiLo	= Same
3.3.37	0-33 33-43	Same	Same	= Same
3.3.38	0-30 30-40	10YR 3/3 10YR 6/2, 5/8	SiLo silt	= open field
3.3.39	0-30 30-40	Same	Same	= Same
3.3.40	0-38 38-48	Same	Same	= Same

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-12-13

Location/Setting:

Woods
area 3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3.41	0-46 46-60	10yr 4/2 10yr 5/4	CLLo SicL	edge of trees / Field water in sub.
3.3.42	0-24 24-40	Same	Same	In woods water @ 30 cmbs
3.3.43	0-24 24-34	Same	Same	next to standing water water @ 26 cmbs
3.3.44	0-24 24-37	Same	Same	=
3.3.45	0-30 30-40	10yr 3/4 10yr 5/3	Same	=
3.3.46	0-27 27-37	Same	Same	=
3.3.47	0-21 21-33	Same	Same	=
3.3.48	0-27 27-39	Same	Same	Wet
3.3.49	0-15 15-25	Same	Same	Roots - water @ 17 cmbs
3.3.50	0-34 34-45	10yr 3/3 10yr 5/4	Same	=
3.3.51	0-31 31-40	10yr 5/2 10yr 5/6	Same	water @ 37 cmbs
3.3.52	0-37 37-50	10yr 5/2 10yr 5/6, 6/3	Same	water @ 40 cmbs
END				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-12-13

Location/Setting:

open field

area 3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
3.3 53	0-27 27-39	10YR 4/2 10YR 6/3, 5/6	CL Lo silt	slight water seepage in subsoil
3.3 54	0-30 30-40	Same	Same	Same
3.3 55	0-30 30-40	Same	Same	Same
BUT				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.1.1	0-22 cm 22-33 cm	10YR 3/3 10YR 6/4	silo siltlo	—
4.1.2	0-16 cm 16-29	10YR 3/2 10YR 6/4	silo siltlo, water	—
4.1.3	0-27 cm 27-38	10YR 4/4 10YR 6/4	silo cllo	—
4.1.4	0-16 cm 16-29	10YR 4/4 10YR 6/4	silo silo	—
4.1.5	0-12 cm 12-28	10YR 4/4 10YR 6/4	silo siltlo, water	—
4.1.6	0-10 cm 10-31	10YR 4/3 10YR 6/3, mottled w/ 3/3	silo silo, water	— hydric
4.1.7	0-17 cm 17-38	10YR 4/3 10YR 5/4	silo silo, water	—
4.1.8	0-21 cm 21-34	10YR 4/4 10YR 6/4	silo siltlo	—
4.1.9	0-39 cm 39-53	10YR 4/4 10YR 5/4	silo cllo	transition subtle + gradual
4.1.10	0-21 cm 21-33	10YR 5/4 10YR 7/2	silo cllo	—
4.1.11	0-12 cm 12-31	10YR 3/3 10YR 6/4	silo silo, water	—
4.1.12	0-13 cm 13-32	10YR 4/3 mottled 10YR 6/4 14/6	silo siltlo, water	—
4.1.14	0-19 cm 19-32	10YR 4/4 10YR 6/4	silo silo	—
4.1.16	0-19 cm 19-33	10YR 4/4 10YR 4/1C	silo silo	—
4.1.18	0-24 cm 24-29 cm 29-39	10YR 3/1 10YR 5/3 10YR 6/4	silo silo silo	—
4.1.20	0-31 cm 31-43	10YR 3/2 10YR 6/3	silo silo, water	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s): SCH

Date: 6/70/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.1.11	0-15 15-25	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
4.1.13	0-31 31-41	10yr 4/3 10yr 5/2	Sic1 lo Sic1 lo	Ø
4.1.17	0-18 18-28	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
4.1.19	0-20 20-30	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
4.1.21	0-18 18-28	10yr 4/3 10yr 6/3	Sic1 lo Sic1 lo	Ø
4.1.23	0-16 16-26	10yr 4/3 10yr 6/3	Sic1 lo Sic1 lo	Ø
4.1.25	0-22 22-32	10yr 3/3 10yr 6/3	Sic1 lo Sic1 lo	Ø
4.1.27	0-24 24-34	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
4.1.29	0-17 17-27	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.1.22	0-33cm 33-43	10YR 3/2 10YR 6/3	silo silo, water	—
4.1.24	0-23cm 23-33	10YR 3/2 10YR 4/3	silo silo, water	— extremely wet
4.1.26	0-19cm 19-32	10YR 3/4 10YR 4/6	silo silo	—
4.1.28	0-18cm 18-36	10YR 4/4 10YR 4/6	silo silo	—
4.1.30	0-19cm 19-33	10YR 4/4 10YR 4/6	silo silo	—
4.1.31	0-21cm 21-39	10YR 4/4 10YR 4/6	silo silo	—
4.1.32	0-28cm 28-39	10YR 3/2 10YR 6/3	silo silo, water	—
4.1.33	0-19cm 19-33	10YR 3/2 10YR 4/6	silo silo	—
4.1.34	0-21cm 21-36	10YR 4/4 10YR 5/6	silo silo	—
4.1.35	0-25cm 25-38	10YR 3/3 10YR 5/4	silo silo, water	—
4.1.36	NODIG	—	—	standing water
4.1.37	0-17cm 17-30	10YR 3/3 10YR 6/3	silo silo	—
4.1.38	0-36cm 36-46	10YR 3/3 10YR 5/3	silo silo	—
4.1.39	0-19cm 19-32	10YR 3/2 10YR 5/3	silo silo, water	—
4.1.40	0-12 12-31	10YR 3/2 10YR 6/1, 4/6	silo silo	—
4.1.41	0-10 10-20	10YR 3/3 10YR 4/6	silo silo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.1.42	0-6cm 6-12 12-27	10YR 3/2 10YR 4/1 10YR 6/3	SiLo SiLo SiCLLo	_____
4.1.43	0-12cm 12-27	10YR 3/3 10YR 6/3	SiLo SiCLLo	_____ w/SH

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.2.1	0-24 24-34	10yr 2/2 10yr 4/2 + water	Siel lo Siel lo	Ø
4.2.2	0-18 18-28	10yr 3/3 10yr 6/3	Siel lo Siel lo	Ø
4.2.3	0-10 10-	10yr 3/2 Water	Siel lo	Ø
4.2.4	0-18 18-28	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
4.2.5	0-22 22-32	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
4.2.6	0-20 20-30	10yr 3/3 10yr 6/3	Siel lo Siel lo	Ø
4.2.7	0-14 14-24	10yr 4/3 10yr 6/2	Siel lo Siel lo	Ø
4.2.8	0-18 18-28	10yr 3/3 10yr 6/4	Siel lo Siel lo	Ø
4.2.9	0-18 18-28	10yr 4/3 10yr 5/4	Siel lo Siel lo	Ø
4.2.10	0-23 23-33	10yr 4/3 10yr 6/3	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.2.11	0-10 10-20	10yr 4/3 10yr 6/2	Sic l lo Sic l lo	Ø
4.2.12	0-13 13-23	10yr 4/3 10yr 6/4	Sic l lo Sic l lo	Ø
4.2.13	0-16 16-26	10yr 3/3 10yr 6/3	Sic l lo Sic l lo	Ø
4.2.14	0-14 14-24	10yr 4/3 10yr 6/4	Sic l lo Sic l lo	Ø
4.2.15	0-15 15-25	10yr 4/3 10yr 6/4	Sic l lo Sic l lo	Ø
4.2.16	0-18 18-28	10yr 3/2 10yr 6/2	Sic l lo Sic l lo	Ø
4.2.17	0-14 14-16	10yr 3/3 10yr 6/3	Sic l lo Sic l lo	Ø
4.2.18	0-16 16-26	10yr 3/3 10yr 6/3	Sic l lo Sic l lo	Ø
4.2.19	0-7 7-19 19-29	10yr 4/3 10yr 6/4 10yr 6/2	Sic l lo Sic l lo Sic l lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

edr

edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s):

Date:

Scit
6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.2.20	0-8 8-16 16-26	10yr 4/3 10yr 6/4 10yr 6/2	Sic1lo Sic1lo Sic1lo	Ø
4.2.21	0-14 14-16	10yr 4/3 10yr 6/4	Sic1lo Sic1lo	Ø
4.2.22	0-4 4-16 16-26	10yr 3/3 10yr 6/4 10yr 6/6	Sic1lo Sic1lo Sic1lo	Ø
4.2.23	0-8 8-19 19-29	10yr 3/3 10yr 6/4 10yr 6/2	Sic1lo Sic1lo Sic1lo	Ø
4.2.24	0-18 18-28	10yr 4/4 10yr 6/4	Sic1lo Sic1lo	Ø
4.2.25	0-24 24-34	10yr 3/3 10yr 6/4	Sic1lo Sic1lo + water	Ø
4.2.26	0-12 16-26	10yr 4/3 7.5yr 6/4	Sic1lo Sic1lo	Ø
4.2.27	0-14 14-24	10yr 4/3 10yr 6/2	Sic1lo Sic1lo	Ø

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): SC/H

Project Name: Clay Business Park Phase IB

Date: 6/20/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.2.28	0-16 16-26	10yr 4/3 10yr 6/4	Sic 1/0 Sic 1/0	Ø
4.2.29	0-14 14-25	10yr 4/3 7.5yr 6/4	Sic 1/0 Sic 1/0	Ø
4.2.30	0-14 14-24	10yr 4/3 10yr 6/4	Sic 1/0 Sic 1/0	Ø
4.2.31	0-18 18-28	10yr 4/3 10yr 6/3	Sic 1/0 Sic 1/0	Ø
4.2.32	0-12 12-24	10yr 3/3 7.5yr 6/4	Sic 1/0 Sic 1/0	Ø
4.2.33	0-8 8-14 14-24	10yr 4/3 10yr 6/4 10yr 6/2	Sic 1/0 Sic 1/0 Sic 1/0	Ø
4.2.34	0-16 16-26	10yr 3/3 10yr 6/4	Sic 1/0 Sic 1/0	Ø

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

DB

6.20.13

Location/Setting:

area 4

woods / wetlands

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.3.01	0-17 17-33	10yr 5/2 grbr 10yr 6/3 pbr + 10yr 5/6 ylbbr	cl lo sicl	soils wet
4.3.02	0-15 15-28	same	same	soils wet, water seepage in subsoil STD moved 5ft N due to mud + water on surface
4.3.03	0-28 28-42	10yr 5/2 10yr 5/4	cl lo sicl	
4.3.04	0-10 10-30	same	same	soils moist
4.3.05	0-12 12-25	same	same	soils wet
4.3.06	0-20 20-32	10yr 2/2 10yr 6/2, 5/4	si lo sicl	
4.3.07	0-20 20-30	10yr 4/2 dkgr 10yr 6/3, 5/8	cl lo sicl	soils moist
4.3.08	0-20 20-31	same	same	water seepage in subsoil
4.3.09	0-15 15-30	10yr 3/2 10yr 5/4	cl lo sicl	soils moist
4.3.10	0-20 20-30	same	same	soils moist
4.3.11	0-20 20-33	10yr 3/2 10yr 4/6	cl lo sicl	
4.3.12	0-13 13-17 17-33	10yr 2/2 vdkbr 5yr 5/3 redbr 10yr 4/4 dk ylbbr	cl lo clay sicl	very compact / dry compact
4.3.13	0-18 18-30	10yr 5/2 10yr 5/4, 5/8	cl lo sicl	water @ 18cmbs seepage
4.3.14	0-18 18-34	10yr 3/3 dkbr 10yr 6/4 bryl	si lo sicl	
4.3.15	0-18 18-35	10yr 2/2 10yr 4/6	si lo si lo	

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-20-13

Location/Setting:

area 4
woods / wetlands

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
4.3.16	0-23 23-40	10yr 3/1 10yr 5/8, 6/3	CLLO SICL	Soils moist
4.3.17	0-21 21-40	10yr 3/4 10yr 4/6	SILLO SICL	
4.3.18	0-24 24-37	10yr 3/1 10yr 4/3	CLLO SICL	Soils moist
4.3.19	0-15 15-27	10yr 3/4 10yr 6/4	SILLO SILLO	
4.3.20	0-30 30-40	10yr 4/3 10yr 4/6	SILLO SICL	
4.3.21	0-17 17-33	Same	Same	
4.3.22	0-28 28-40	10yr 2/2 10yr 4/6	CLLO SICL	
4.3.23	0-23 23-33	10yr 4/2 10yr 6/3	CLLO SICL	
4.3.24	0-23 23-33	10yr 3/3 10yr 4/6	SILLO SICL	
4.3.25	0-10 10-27	Same	Same	
4.3.26	0-10 10-23	Same	Same	
4.3.27	0-7 7-17	Same	SILLO SILLO	lots of roots
4.3.28	0-10 10-15	Same	CLLO SICL	massive roots soils moist
4.3.29	0-17 17-30	10yr 5/2 10yr 7/3, 6/6	CLLO SICL	soils moist
4.3.30	0-8 8-24	10yr 3/3 10yr 6/4	SILLO SILLO	

B01

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.1.1	0-30cm 30-51	10YR4/4 10YR4/5	Silo Silo	—
5.1.2	0-24cm 24-41	10YR4/4 10YR4/5	Silo Silo	—
5.1.3	0-27cm 27-37	10YR4/4 10YR4/5	Silo Silo	—
5.1.4	0-23cm 23-35	10YR4/4 10YR4/6	Silo Silo	—
5.1.5	0-21cm 21-31	10YR4/4 10YR4/5	Silo Silo	—
5.1.6	0-24cm 24-38	10YR4/4 10YR4/5	Silo Silo	—
5.1.7	0-19cm 19-32	10YR4/4 10YR4/6	Silo Silo	—
5.1.8	0-22cm 22-39	10YR4/4 10YR4/6	Silo Silo	—
5.1.9	0-17cm 17-38	10YR4/4 10YR4/5	Silo Silo	—
5.1.10	0-32cm 32-45	10YR4/4 10YR4/5	Silo Silo	—
5.1.11	0-17cm 17-29	10YR3/4 10YR4/5	Silo Silo	—
5.1.12	0-15cm 15-47	10YR4/4 10YR4/5	Silo Silo	—
5.1.13	0-17cm 17-31	10YR4/4 10YR5/5	Silo Silo	—
5.1.14	0-24cm 24-36	10YR4/4 10YR4/5	Silo Silo	—
5.1.15	0-24cm 24-36	10YR4/4 10YR4/6	Silo Silo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.1.16	0-12cm 12-31	10YR 4/4 10YR 4/5	silo silo	—
5.1.17	0-22cm 22-33	10YR 4/4 10YR 4/5	silo silo	—
5.1.18	0-14cm 14-28	10YR 4/4 10YR 4/5	silo silo	—
5.1.19	0-16cm 16-29	10YR 4/4 10YR 4/5	silo silo	—
5.1.20	0-16cm 16-29	10YR 4/4 10YR 4/5	silo silo	—
5.1.21	0-19cm 19-34	10YR 4/4 10YR 4/5	silo silo	—
5.1.22	0-22cm 22-35	10YR 4/4 10YR 5/6	silo silo	—
5.1.23	0-22cm 22-36	10YR 2/2 10YR 3/2	silo silo	in something of a ditch bisecting the Esker; shotgun casing, nail
5.1.24	0-24cm 24-35	10YR 3/2 10YR 4/4	silo silo	—
5.1.25	0-10cm 10-26	10YR 4/4 5YR 4/6	silo silo	—
5.1.26	0-16cm 16-31	10YR 4/4 5YR 4/6	silo silo	—
5.1.27	0-14cm 14-33	10YR 4/4 5YR 4/5	silo silo	—
5.1.28	0-14cm 14-31	10YR 4/4 5YR 4/5	silo silo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

edr

edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/24/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.1.29	0-15cm 15-36	10YR 3/4 5YR 4/6	SiLo SiLo	—
5.1.30	0-9cm 9-14 14-29	10YR 3/3 10YR 7/2 5YR 4/6	SiLo SiLo SiLo	—
5.1.31	0-11cm 11-36	10YR 3/3 10YR 4/6	SiLo SiLo	—
5.1.32	0-14cm 14-26	10YR 3/3 5YR 5/6	SiLo SiLo	—
5.1.33	0-10cm 10-37	10YR 3/3 5YR 5/6	SiLo SiLo	—
5.1.34	0-22cm 22-37	10YR 3/4 with patches of 10YR 7/2 5YR 5/6	SiLo SiLo	—
5.1.35	0-12cm 12-26	10YR 4/4 10YR 4/5	SiLo SiLo	—
5.1.36	0-31cm 31-51	10YR 3/4 10YR 5/6	SiLo SiLo	—
5.1.37	0-16cm 16-22 22-37	10YR 3/4 10YR 7/2 5YR 5/6	SiLo SiLo SiLo	—
5.1.38	0-13cm 13-33	10YR 4/4 10YR 4/6	SiLo SiLo	—
5.1.39	0-22cm 22-37	10YR 3/4 10YR 5/5, with 5YR 4/6 inclusions	SiLo SiLo	—
5.1.40	0-22cm 22-34	10YR 4/4 5YR 5/6	SiLo SiLo	—
5.1.41	0-15cm 25-35	10YR 4/4 10YR 4/6	SiLo SiLo	—
5.1.42	0-15cm 35-25	10YR 4/4 10YR 5/6	SiLo SiLo	—

draw a line to separate shovel tests



edr Project #:

Excavator(s):

Project Name:

C.10

Less Park Phase IB

Date:

TAC/EMCI

06-24-2013 / 6/25/13

Location/Setting:

Shovel Test	Depth cm/B3	Soil Color	Soil Texture	Artifacts/Comments
5.1.43	0-14 14-23	10YR 3/2 10YR 5/4	Si Lo Si Cl w/ saprolites	MCM MCM
5.1.44	0-13 13-23	10YR 3/2 10YR 5/4	" "	MCM MCM
5.1.45	0-24 24-36	10YR 3/2 10YR 5/4	" "	MCM MCM
5.1.46	0-12 12-22	10YR 3/2 7.5YR 4/6	Si Lo Si Cl Lo	MCM NCM
5.1.47	0-13cm 13-23	10YR 3/2 7.5YR 5/6	Si Lo Si Cl Lo	NCM
6/25 5.1.48	0-13cm 13-23	10YR 4/4 7.5YR 5/6	Si Lo Si Lo w/ podzol incls.	NCM
5.1.49	0-15cm 15-25	10YR 4/4 10YR 4/6	Si Lo Si Lo	NCM
5.1.50	0-12 12-22	10YR 4/4 10YR 4/6	Si Lo Si Cl Lo	MCM MCM
5.1.51	0-12 13-23	10YR 3/4 10YR 4/6	Si Lo Si Cl Lo	MCM MCM
5.1.52	0-18 18-28	10YR 3/3 10YR 5/6	Si Lo Si Cl Lo	MCM MCM
5.1.53	0-27 27-37	10YR 3/3 10YR 5/6	Si Lo Si Cl Lo	MCM MCM
5.1.54	0-4 4-20	10YR 3/2 10YR 6/4	ORGANIC Si Lo	MCM MCM

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-23-13

Location/Setting: woods area 5

6-24-13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.1.74	0-15 15-25	10yr 4/3 10yr 6/3	si lo si cl	==
5.1.73	0-18 18-30	10yr 4/3 10yr 5/4	Same	==
5.1.72	0-12 12-24	10yr 2/2 10yr 5/2	Same	==
5.1.71	0-27 27-37	10yr 2/2 10yr 5/4	si cl si cl	==
5.1.70	See S	paper work		
5.1.69	—	—	—	STP in middle of vernal pool. tried to dig 3m away but not able to.
5.1.68	0-18 18-30	10yr 3/2 10yr 4/6	si lo si lo	==
5.1.66	0-18 18-29	10yr 5/2 10yr 7/4	cl si si cl	==
5.1.64	0-24 24-34	Same	Same	==
5.1.61	0-30 20-30	Same	Same	==
5.1.59	0-33 33-43	10yr 4/2 10yr 7/4, 5/8	Same	==
5.1.57	0-24 24-34	10yr 5/2 10yr 5/6	si lo cl si	==
5.1.55	0-36 36-49	10yr 5/2 10yr 7/2, 5/8	si lo cl si	==

EOT for me

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.1.70	0-14 14-24	10yr 3/2 10yr 6/3	Sic1 lo Sic1 lo	Ø
5.1.67	0-18 18-28	10yr 3/2 10yr 6/3	Sic1 lo Sic1 lo	damp Ø
5.1.65	0-10 10-	10yr 4/3 Root impasse	Sic1 lo	Ø
5.1.63	0-12 12-22	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
5.1.62	0-14 14-24	10yr 3/3 10yr 5/4	Sic1 lo Sic1 lo	Ø
5.1.60	0-14 14-24	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
5.1.58	0-16 16-26	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø
5.1.56	0-18 18-28	10yr 4/3 10yr 6/4	Sic1 lo Sic1 lo	Ø

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): Selt

Project Name: Clay Business Park Phase IB

Date: 8/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.1	0-24 24-34	10yr 5/4 10yr 6/4	Si lo Sic l lo	Ø
5.2.2	0-24 24-34	10yr 4/4 10yr 6/4	Si lo Sic l lo	Ø
5.2.3	0-20 20-30	10yr 4/4 10yr 6/4	Sic l lo Sic l lo	Ø
5.2.4	0-25 25-35	10yr 4/4 10yr 6/4	Sic l lo Sic l lo	Ø
5.2.5	0-29 29-39	10yr 4/4 10yr 6/4	Sic l lo Sic l lo	Ø
5.2.6	0-15 15-	10yr 4/3 Root impasse	Sic l lo	Ø
5.2.7	0-24 24-34	10yr 4/4 10yr 6/4	Si lo Sic l lo	Ø
5.2.8	0-27 27-37	10yr 4/3 10yr 4/6	Sic l lo Sic l lo	Ø
5.2.9	0-14 14-24	10yr 4/3 10yr 6/4	Sic l lo Sic l lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s): Selt

Date: 8/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.10	0-15 15-25	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
5.2.11	0-12 12-18 18-28	10yr 4/3 10yr 6/4 10yr 6/3	Siel lo Siel lo Siel lo	Ø
5.2.12	0-18 18-28	10yr 4/4 10yr 6/4	Si lo Siel lo	Ø
5.2.13	0-22 22-32	10yr 4/3 10yr 6/4	Si lo Siel lo	Ø
5.2.14	0-14 14-24	10yr 4/4 10yr 6/4	Si lo Siel lo	Ø
5.2.15	0-17 17-27	10yr 4/3 10yr 6/3	Si lo Siel lo	Ø
5.2.16	0-12 12-22	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
5.2.17	0-16 16-26	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
5.2.18	0-14 14-16	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø
5.2.19	0-16 16-26	10yr 4/3 10yr 6/4	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SC11

Project Name: Clay Business Park Phase IB

Date: 6/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.20	0-17 17-27	10 yr 4/3 10 yr 6/4	Si Cl lo Si Cl lo	Ø
5.2.21	0-10 10-	10 yr 4/3 Root impasse	Si cl lo	Ø
5.2.22	0-15 15-25	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.23	0-17 17-27	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.24	0-14 14-24	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.25	0-16 16-26	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.26	0-13 13-23	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.27	0-17 17-27	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.28	0-14 14-24	10 yr 4/3 10 yr 6/4	Si cl lo Si cl lo	Ø
5.2.29	0-9 9-15 15-25	10 yr 4/3 10 yr 6/6 10 yr 6/3	Si lo Si lo Si cl lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 8/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.30	0-9 9-15 15-25	10 yr 4/3 10 yr 6/4 10 yr 6/6	Si lo Si lo Si cll lo	Ø
5.2.31	0-4 4-19 19-29	10 yr 4/3 7.5 yr 6/4 10 yr 6/3	Si lb Si lo Si cll lo	Ø
5.2.32	0-5 5-18 18-28	10 yr 4/3 10 yr 6/4 10 yr 6/6	Si lo Si lo Si cll lo	Ø
5.2.33	0-15 15-25	10 yr 4/3 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.34	0-18 18-28	10 yr 4/4 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.35	0-22 22-32	10 yr 4/4 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.36	0-24 24-34	10 yr 4/4 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.37	0-22 22-32	10 yr 4/4 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.38	0-24 24-34	10 yr 4/4 10 yr 6/4	Si cll lo Si cll lo	Ø
5.2.39	0-3 3-18 18-28	10 yr 3/3 10 yr 5/4 10 yr 6/6	Si cll lo Si cll lo Si cll lo	Ø

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/21/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.40	0-7 7-17	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.41	0-18 18-28	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.42	0-12 12-24	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.43	0-12 12-22	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.44	0-14 14-24	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.45	0-16 16-20	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø Collapsed modern structure between 45 and 46
5.2.46	0-13 13-23	10 yr 4/3 10 yr 6/4	Sic l lo Sic l lo	Ø
5.2.47	0-21 21-31	10 yr 3/3 10 yr 5/4	Sic l lo Sic l lo	Ø
5.2.48	0-17 17-27	10 yr 3/3 10 yr 6/3	Sic l lo Sic l lo	Damp Ø

edr Project #: 12062

Excavator(s): SctH

Project Name: Clay Business Park Phase IB

Date: 6/24/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.2.49	0-32 32-42	10 yr 4/3 10 yr 6/3	Siel lo Siel lo	Ø
5.2.50	0-28 28-38	10 yr 4/3 10 yr 6/4	Siel lo Siel lo	Ø
5.2.51	0-25 25-35	10 yr 4/3 10 yr 6/4	Siel lo Siel lo	Ø
5.2.52	0-22 22-32	10 yr 4/3 10 yr 6/4	Siel lo Siel lo	Ø
5.2.53	0-31 31-41	10 yr 4/3 10 yr 6/3	Siel lo Siel lo	Ø
5.2.54	0-20 20-30	10 yr 4/3 10 yr 6/3	Siel lo Siel lo	Ø
5.2.55	0-25 25-35	10 yr 4/3 10 yr 6/4	Siel lo Siel lo	Ø
5.2.56	0-20 20-30	10 yr 3/3 10 yr 6/4	Siel lo Siel lo	Ø
5.2.57	0-25 25-35	10 yr 3/2 10 yr 6/3	Siel lo Siel lo	Ø
5.2.58	0-24 24-34	10 yr 3/2 10 yr 6/2	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-21-13

Location/Setting: area 5
woods

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.3.01	0-27 27-37	10yr 4/3 br 10yr 4/6 dkylbr	sil cl si	
5.3.02	0-27 27-37	Same	Same	at base of small hill, some pebbles sm. cobbles
5.3.03	0-26 26-40	10yr 3/3 dkbr 10yr 4/6 dkylbr	sil scl	Same
5.3.04	0-25 25-37	Same	Same	Same
5.3.05	0-33 33-45	10yr 4/2 grbr 10yr 5/6 ylb	cllo scl	soils moist, approx. 12 ft away from base of rise
5.3.06	0-30 30-40	10yr 4/2 grbr 10yr 6/6 Hbr/L	cllo scl	Same
5.3.07	0-35 35-46	10yr 3/2 10yr 3/4	cllo scl	Soils moist
5.3.08	0-35 35-46	Same	Same	Same
5.3.09	0-35 35-46	Same	Same	Same
5.3.10	0-35 35-45	10yr 3/3 10yr 6/3	cllo scl	Same
5.3.11	0-23 23-33	Same	sil cl si	at base of rise
5.3.12	0-23 23-33	Same	Same	on slight rise
5.3.13	0-23 23-33	10yr 4/3 10yr 4/6	Same	base of rise
5.3.14	0-35 35-45	Same	Same	Same
5.3.15	0-30 30-40	Same	Same	Same
5.3.16	0-28 28-38	10yr 4/2 10yr 3/4	cllo scl	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-21-13

Location/Setting: area 5
woods - base of rise

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.3.17	0-27 27-37	10YR 4/3 10YR 4/6	cllo sill	=====
5.3.18	0-23 23-33	Same	Same	=====
5.3.19	0-23 23-33	Same	Same	=====
5.3.20	0-20 20-30	Same	Same	=====
5.3.21	0-30 30-40	10YR 3/1 10YR 5/4	cllo sill	===== water @ 30 cmbs
5.3.22	0-20 20-30	Same	Same	===== Soils moist
5.3.23	0-27 27-37	Same	Same	===== Same
5.3.24	0-18 18-28	10YR 4/2 10YR 5/4	cllo sill	=====
5.3.25	0-18 18-28	Same	Same	=====
5.3.26	0-22 22-32	Same	Silo cl Si	=====
5.3.27	0-29 29-43	Same	Same	=====
5.3.28	0-16 16-28	10YR 3/4 10YR 5/4	Silo sill	=====
5.3.29	0-20 20-30	10YR 3/1 10YR 5/4	cllo sill	=====
5.3.30	0-20 20-33	Same	Same	=====
5.3.31	0-23 23-33	Same	Same	=====

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-22-13

Location/Setting:

woods
area 5

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.3.32	0-27 27-37	10yr 3/4 10yr 4/6	Silo Silo	=====
5.3.33	0-27 27-37	Same	Same	=====
5.3.34	0-30 30-40	Same	Same	=====
5.3.35	0-30 30-40	Same	Same	=====
5.3.36	0-28 28-38	Same	Same	=====
5.3.37	0-16 16-20 20-30	10yr 3/4 10yr 4/3 10yr 5/8	Silo Silo Silo	=====
5.3.38	0-15 15-37	10yr 2/2 10yr 5/4	Silo Silo	=====
5.3.39	0-18 18-23 23-33	10yr 3/2 10yr 5/2 10yr 5/4	CL Si CL Si Silo	=====
5.3.40	0-18 18-27 27-37	Same	Same	=====
5.3.41	0-20 20-24 24-36	Same	Same	===== Soils moist
5.3.42	0-14 14-27	10yr 4/3 10yr 6/4	Silo Silo	=====
5.3.43	0-25 25-35	Same	Same	=====
		DOT		

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): S.H.

Project Name: Clay Business Park Phase IB

Date: 6/19/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
5.3.52	0-30 30-40	10.3/3 10yr6/2	Sic1/0 Sic1/0	Ø
5.3.51	0-14 14-24	10yr4/3 10yr6/2	Sic1/0 Sic1/0	Ø
5.3.50	0-20 20-30	10yr4/3 10yr5/2	Sic1/0 Sic1/0	Ø
5.3.49	0-15 15-25	10yr4/2 10yr6/3	Sic1/0 Sic1/0	Ø
5.3.48	0-12 12-22	10yr4/3 10yr6/3	Sic1/0 Sic1/0	Ø
5.3.47	0-21 21-31	10yr4/3 10yr6/3	Sic1/0 Sic1/0	Ø
5.3.46	0-28 28-38	10yr4/3 10yr6/3	Sic1/0 Sic1/0	Ø
5.3.45	0-26 26-36	10yr4/3 10yr6/3	Sic1/0 Sic1/0	Ø
5.3.44	0-24 24-34	10yr4/3 10yr6/2	Sic1/0 Sic1/0	Ø

draw a line to separate shovel tests

Geological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/17/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.1.01	0-24cm 24-49	10YR 4/3 10YR 5/3, mottled	siClLo ClLo, water	—
6.1.02	0-30cm 30-42	10YR 4/3 10YR 5/3	siClLo ClLo, water	—
6.1.03	0-26cm 26-37	10YR 4/3 10YR 5/4	siClLo ClLo, water	—
6.1.04	0-29cm 29-46	10YR 4/3 10YR 5/4	siClLo ClLo, water	—
6.1.05	0-29cm 29-45	10YR 4/4 10YR 7/3, mottled	siLo siClLo	—
6.1.06	0-27cm 27-37	10YR 4/4 10YR 4/6	siLo siClLo	—
6.1.07	0-27cm 27-39 39-49	10YR 4/4 10YR 3/2, mottled 10YR 4/6	siLo siClLo ClLo, water	—
6.1.08	0-29cm 29-42	10YR 4/3 10YR 4/6	siClLo ClLo, water	—
6.1.09	0-27cm 27-44	10YR 4/3 10YR 5/4	siClLo ClLo, water	—
6.1.10	0-38cm 38-49	10YR 4/3 10YR 6/4	siClLo ClLo, water	—
6.1.11	0-32cm 32-42	10YR 4/3 10YR 4/6, 10/4 mottled	siClLo saClLo, water	—
6.1.12	0-28cm 28-40	10YR 4/4 10YR 4/6	siClLo ClLo, water	—
6.1.13	0-29cm 29-41	10YR 4/4 10YR 4/6	siClLo ClLo	w/AK
6.1.14	0-34cm 34-51cm	10YR 3/3 10YR 4/6	siClLo ClLo	w/AK

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/17/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.1.15	0-5cm	10YR 4/3	standing water	—
6.1.16	0-5cm	10YR 4/3	standing water	— w/SH
6.1.17	0-28cm 28-	10YR 4/3 10YR 4/6	SiCLo, water inundated	—
6.1.18	0-29cm 29-29	10YR 4/3 10YR 4/6	SiCLo SiCLo, inundated	—
6.1.19	0-16cm 16-26	10YR 4/3 10YR 4/6	SiCLo SiCLo	— w/SH
6.1.20	0-26cm 26-36	10YR 4/3 10YR 4/4	SiCLo SiCLo	—
6.1.21	0-10cm 10-	10YR 4/3	standing water	— welcome to the jungle
6.1.22	0-15cm 15-25	10YR 4/3 10YR 6/3 mottled	SiCLo SiCLo	— w/SH
6.1.23				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

area 6 woods / wetlands

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.1.26	0-22 22-32	10YR 4/2 10YR 5/6	si lo si cl	==
6.1.25	0-27 27-37	same	same	==
6.1.24	0-27 27-37	same	cl lo si cl	== moist
6.1.23	0-30 30-40	10YR 5/2 10YR 5/4	cl lo si cl	wet
6.1.2				

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCJ

Project Name: Clay Business Park Phase IB

Date: 6/17/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.2.01	0-24 24-34	10yr 4/3 10yr 5/4 + water	Siel lo Siel lo	Ø
6.2.02	0-22 22-32	10yr 4/3 10yr 4/6	Siel lo Siel lo	Ø
6.2.03	0-22 22-32	10yr 4/3 10yr 6/3 + water	Siel lo Siel lo	Ø
6.2.04	0-20 20-30	10yr 4/3 10yr 6/3	Siel lo Siel lo	Ø
6.2.05	0-23 23-33	10yr 4/3 10yr 6/3 + water	Siel lo Siel lo	Ø
6.2.06	0-20 20-30	10yr 4/3 10yr 6/3	Siel lo Siel lo	Ø
6.2.07	0-10 10-	10yr 4/3 Water	Siel lo Siel lo	Ø
6.2.08	0-18 18-28	10yr 4/3 10yr 4/6	Siel lo Siel lo	Ø
6.2.09	0-12 12-22	10yr 4/3 10yr 4/6	Siel lo Siel lo	Ø
6.2.10	0-18 18-28	10yr 4/3 10yr 4/6 + water	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/17/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.2.11	0-14 14-24	10yr 4/3 10yr 4/6	Sic llo Sic llo	Ø
6.2.12	0-10 10-	10yr 4/3 water	Sic llo Sic llo	Ø
6.2.13	0-21 21-31	10yr 4/3 10yr 4/6+ water	Sic llo Sic llo	Ø
6.2.14	0-16 16-	10yr 4/3 water	Sic llo	Ø
6.2.15	0-25 25-35	10yr 4/3 10yr 4/6+ water	Sic llo Sic llo	Ø
6.2.16	0-23 23-33	10yr 4/3 10yr 4/6	Sic llo Sic llo	Ø
6.2.17	0-22 22-32	10yr 4/3 10yr 4/6	Sic llo Sic llo	Ø
6.2.18	0-34 34-44	10yr 4/3 10yr 4/6	Sic llo Sic llo	Ø
6.2.19	0-26 26-36	10yr 4/3 10yr 5/6	Sic llo Sic llo	Ø
6.2.20	0-22 22-32	10yr 4/3 10yr 6/3	Sic llo Sic llo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

DB

Project Name: Clay Business Park Phase IB

Date:

6-16-13

Location/Setting: area 6
woods/wetlands

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
6.3.01	0-27 27-40	10yr 4 1/2 vdk grb 10yr 5 1/6 y lbr	CLLO silt	— — —
6.3.02	0-32 32-42	Same	Same	— — —
6.3.03	0-30 30-40	10yr 4 1/2 vdk grb 10yr 5 1/8 y lbr 10yr 6 1/2 grb	CLLO silt	— — —
6.3.04	0-28 28-38	10yr 4 1/3 br 7.5 yr 5 1/6 y lbr	CLLO silt	— — —
6.3.05	0-17	10yr 4 1/2	CLLO	water
6.3.06	0-18	10yr 4 1/2	CLLO	water
6.3.07	0-37 37-51	10yr 4 1/2 10yr 5 1/6	CLLO silt	water
6.3.08	0-31 31-43	Same	Same	water
6.3.09	0-29 29-40	Same	Same	— —
6.3.10	0-34 34-50	10yr 4 1/2 10yr 6 1/1, 5/8	Same	— —
6.3.11	0-30	10yr 4 1/2	Same	water
6.3.12	0-34	10yr 4 1/2	Same	water
6.3.13	0-25 25-35	10yr 4 1/2 10yr 5 1/6	CLLO silt	— — —
6.3.14	0-26 26-36	Same	Same	— — —
6.3.15	0-29 29-43	Same	Same	— — —
6.3.16	0-33 33-44	10yr 4 1/3 10yr 6 1/4	Si LO Si CL	— — —
6.3.17	0-35 35-49	Same	Same	— — —

draw a line to separate shovel tests

EOT

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): all

Project Name: Clay Business Park Phase IB

Date: 7-3-13

Location/Setting:

Utility line starting at Caughdenoy Rd
Running through a wetland next to plowed field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 01	0-22 22-36	10yr 3/2 vdk gr br 10yr 6/6 bryl 10yr 5/8 ylb	CL lo SiCL	Ncm Ncm (water in STP)
100 ft	in between STP 1 + STP 2 due to Wetlands			
U1. 02	0-37 37-47	10yr 3/2 10yr 6/4 bryl	CL lo SA Si	Ncm Ncm
U1. 03	0-34 34-44	10yr 2/2 vdk br 10yr 5/4 ylb	CL lo SA Si	Ncm Ncm
U1. 04	0-12	10yr 3/2	CL lo	Ncm - water @ 12 cmbs
U1. 05	0-10	10yr 3/2	CL lo	Ncm - water @ 10 cmbs
U1. 06	0-34 34-44	10yr 2/2 10yr 5/6	CL lo Si	Ncm Ncm
U1. 07	0-27 27-37	Same	CL lo Si	Ncm Ncm
U1. 08	0-43 43-53	Same	Same	Ncm - water seepage
U1. 09	0-22 22-36	10yr 2/2 10yr 6/3, 5/8	CL lo CL Si	Ncm Ncm
U1. 10	0-25 25-35	Same	CL lo SiCL	Ncm Ncm
U1. 11	0-41 41-55	Same	CL lo SiCL	lot of medium cobbles
U1. 12	0-21	10yr 2/2	CL lo	Ncm - water @ 18 cmbs
U1. 13	0-40 40-53	10yr 2/2 10yr 6/3, 5/8	Same	Ncm - water seepage

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): allProject Name: Clay Business Park Phase IBDate: 7-3-13Location/Setting: Utility line starting at Caughdeney Rd, deep into a wetland.

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 14	0-35 35-46	10yr 2/2 10yr 6/3, 5/8	CLLo SiCL	Ncm Ncm water seepage
U1. 15	0-35 35-48	10yr 3/2 10yr 5/4	CLLo SiCL	Ncm Ncm
U1. 16	0-30 30-40	10yr 4/3 10yr 6/3	CLLo SiCL - Firm	Ncm Ncm
U1. 17	0-23 23-36	Same	Same	Ncm
U1. 18	0-33 33-43	10yr 2/2 10yr 6/6 bryl	CLLo SiCL	Ncm
U1. 19	0-29 29-43	10yr 3/3 10yr 5/6	SiLo SiCL	Ncm 1st one in woods Ncm
U1. 20	0-46 46-56	10yr 2/1 bl 10yr 5/4	LoCL CL Si	Ncm Ncm lots of roots
U1. 21	0-23 23-33	Same	Same	Ncm
U1. 22	0-25	10yr 3/2	CLLo	Ncm - total water. next to pond
U1. 23	0-15 15-25	10yr 3/2 10yr 4/2, 5/6	CLLo SiCL	Ncm Ncm - water logged
U1. 24	0-33 33-45	Same	Same	Ncm - water logged
U1. 25	0-35 35-45	10yr 3/2 10yr 5/6	CLLo Si	Ncm
U1. 26	0-50	10yr 5/6	SA Si	Ncm - straight to sub
U1. 27	0-10 10-33	10yr 4/3 10yr 5/6	Si	Ncm on a ridge
U1. 28	0-22 22-32	10yr 4/3 10yr 7/2, 5/8	Same	Ncm

draw a line to separate shovel tests

ological Survey Field Record Sheet



edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s):

all

Date:

7-3-13

Location/Setting:

In woods
utility line

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 29	0-23 23-33	10yr 4/3 10yr 7/2, 5/8	Silo SA Si	Ncm on ridgetop ↓
U1. 30	0-43 43-53	Same	Same	1 skull bone 1 white ware 1 clear vessel glass ↓
U1. 31	0-15 15-25	Same	Same	1 window glass (discarded) ↓
U1. 32	0-15 15-33	Same	Same	Ncm ↓
U1. 33	0-17 17-33	10yr 3/4 10yr 5/8	Silo CL Si	Ncm ↓
U1. 34	0-22 22-32	10yr 3/3 10yr 5/8	Same	MCM MCM Last one in woods by RR Tracks ↓
U1. 35	0-28 28-38	10yr 3/2, 5/6 10yr 5/6	CLLO Sasi	Ncm Ncm Other side of tracks in saplings ↓
U1. 36	0-20 20-28 28-80	10yr 3/2 10yr 5/6 10yr 3/1	CLLO Sasi	Ncm In saplings by enormous old pine back in a wetland, surface water ↓
U1. 37	0-20	10yr 3/3	CLLO	Ncm Same ↓
U1. 38	0-27 27-37	10yr 3/3 10yr 5/6	CLLO Sasi	Ncm Same ↓
U1. 39	0-23	10yr 3/3	CLLO	Ncm Same ↓
U1. 40	0-31 31-38 38-48	10yr 3/2 10yr 7/2, 4/1 10yr 6/3, 5/8	CLLO Si Si	Ncm 10% pebbles Ncm Ncm ↓

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s):

Date:

all

7.3.13

Location/Setting:

In wetland - surface water

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 41	0-38 38-48	10yr 3/2 10yr 6/3, 7/2, 5/8	cllo si	num num In brushy wetland
U1. 42	0-30	10yr 3/2, 3/1, 4/3	cllo	water num In tall grass wetland
U1. 43	0-33 33-43	10yr 3/2 10yr 4/3, 5/6	cllo SA si	num Same
U1. 44	0-40 40-50	10yr 3/2 10yr 6/3, 5/6	cllo SA si	water num Same
U1. 45	0-28 28-38	10yr 3/3 10yr 5/8	cl lo SA si	num Same
U1. 46	0-48 48-58	Same	Same	1 Iron handle at Start of @ 25cmbs not able to get out. Small rise at tree break
U1. 47	0-21	10yr 3/3	Silo	num In a farm equip dump area
U1. 48	0-30 30-40	10yr 4/3 10yr 5/6	cllo si cl	frag of plastic bucket (discarded) lots of gravel Top of rise more machinery
U1. 49	0-28 28-38	Same	cllo si cl	num In field
U1. 50	0-23 23-33	Same	Same	num
U1. 51	0-17 17-30	Same	Same	num
U1. 52	0-40 40-50	10yr 3/2 10yr 6/6	Same	num

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

In field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 53	0-33 33-43	10yr 3/3 10yr 4/6	Silo SiCL	Ncm In field
U1. 54	0-38 38-48	Same	Same	Ncm
U1. 55	0-28 38-48	Same	Same	Ncm
U1. 56	0-19 19-38	Same	Same	20% pebbles with small cobbles In next field after hedge row
U1. 57	0-23 23-33	10yr 4/2 10yr 5/4	Same	Ncm
U1. 58	0-30 30-40	10yr 3/3 10yr 4/6, 6/2	Same	Ncm
U1. 59	0-30 30-40	10yr 3/3 10yr 4/6	SiCL SiSA	Ncm - water
U1. 60	0-30 30-40	Same	SiCL SiSA	Ncm
U1. 61	0-32 32-42	10yr 4/2 10yr 5/4	SiCL SiSA	Ncm
U1. 62	0-35 35-45	10yr 3/2 10yr 6/2	Same	Ncm 20% gravel pebbles
U1. 63	0-30 30-40	10yr 4/2 10yr 7/3, 5/8	Same	Ncm
U1. 64	0-23 23-33	10yr 4/2 10yr 5/6	SiCL CLSi	Ncm
U1. 65	0-25 25-37	Same	Same	Ncm - In Brush clump
U1. 66				By Green Building

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 7/8/13

Location/Setting:

Utility Line, day 2

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.66	0-18cm 18-31	10YR 3/4 10YR 4/6	SiCLo SiCLo	coal + historic ceramics, L.1 adjacent to barn b/t U.1.66 + U.1.68
U.1.74	0-26cm 26-40	10YR 4/4 10YR 4/5	SiCLo SiCLo	—
U.1.77	0-31cm 31-41	10YR 3/4 10YR 4/6	SiCLo SiCLo, w/water	—
U.1.80	0-46cm 46-56	10YR 4/4 10YR 4/6	SiLo SiCLo, w/decomposing rock	Stone set in concrete
U.1.84	0-28cm 28-37	10YR 3/2 10YR 6/5	SiLo SiCLo	—
U.1.86	0-29cm 29-37 37-44	10YR 3/2 mottled 10YR 2/2 10YR 4/6	SiLo SiLo SiCLo, w/water	—
U.1.92	0-9cm 9-35	10YR 3/2 2.5YR 4/6	SiCLo CLAY. With gravel, for podsack.	Clay fill, the color of wine stains
U.1.98	0-29cm 29-43	10YR 3/2 10YR 5/3	SiLo SiCLo, water	—
U.1.106	0-32cm	10YR 3/3	SiLo, inundated	—
U.1.104	0-32cm 32-45	10YR 3/2 10YR 5/6	SiLo SiLo	—
U.1.108	0-38cm 38-48	10YR 3/2 10YR 5/6	SiLo SiLo	It is the general consensus that this whole area literally smells like shit.
U.1.111	0-35cm	10YR 3/2	SiLo... MUD	—
U.1.115	0-24cm 24-41	10YR 5/4 10YR 5/5	SiLo SiCLo	—
U.1.119	0-22cm 22-35	10YR 5/4 10YR 5/6	SiLo SiLo	—

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7.8.13

Location/Setting: Utility line - In open field

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 67				not dug - location is inside green building
U1. 68	0-12 12-38	10yr 4/2 grbr 10yr 5/4 ylbr	CLLO Si CL	0-12 10% gravel Ncm next to gravel driveway
U1. 70	0-18 18-41	10yr 4/2 10yr 5/1, 5/8	CLLO Si CL	Ncm Standing water on surface
U1. 73	0-18 18-39	10yr 4/2 10yr 5/4	Si CL CL Si	Ncm
U1. 76	0-33 33-45	Same	Same	Ncm
U1. 79	0-28 28-38	Same	Same	Ncm
U1. 82	0-28 28-38	Same	CLLO CLLO	Ncm
U1. 83	0-30 30-40	Same	Same	Ncm
U1. 85	0-42 42-52	10yr 4/2 10yr 6/6, 5/8	CLLO SA CL	Ncm
U1. 87	0-44 44-55	10yr 4/2 10yr 5/4	CLLO SA CL	Ncm
U1. 91	0-35 35-45	10yr 4/2 10yr 6/4	CLLO SA CL	Ncm
U1. 93	0-8 8-30	10yr 3/3 2.5 yr 4/6 10yr 5/4 10yr 6/3 (mottled)	CLLO CLLO	gravel Ncm other side of Maple Rd. on built up rise, all disturbed
U1. 95	0-8 8-30	Same	Same	Ncm Same

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SC/H

Project Name: Clay Business Park Phase IB

Date: 7/8/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.69	0-27 27-37	10yr 3/2 10yr 4/3	Sic1lo Sic1lo	Ø
U.1.71	0-10 10-	10yr 3/2 water	Sic1lo water	Ø
U.1.72	0-31 31-41	10yr 3/3 10yr 5/4	Sic1lo Sic1lo	Ø
U.1.75	0-24 24-34	10yr 3/3 7.5yr 4/3	Sic1lo Sic1lo	Ø
U.1.78	0-28 28-38	10yr 3/3 7.5yr 5/4	Sic1lo Sic1lo	1 rough rock set in mortar
U.1.81	0-25 25-35	10yr 4/3 7.5yr 5/5	Sic1lo Sic1lo	Ø
U.1.86	0-38 38-48	10yr 4/3 10yr 6/6	Sic1lo Sic1lo	Ø
U.1.89	0-20 20-30	10yr 4/3 10yr 6/6	Sic1lo Sic1lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 2/8/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.90	0-20 20-30	10-yr 3/3 10-yr 6/6	Sic 1/0 Sic 1/0	Ø
U.1.94	0-7 7-17	10-yr 4/3 2.5-yr 4/6	Sic 1/0 Sic 1/0 + 5% gravel	Ø
U.1.96	0-10 10-	10-yr 4/3 Water	Sic 1/0 Sic 1/6	Ø
U.1.100	0-30 30-40	10-yr 4/3 10-yr 5/2	Sic 1/0 Sic 1/0	Ø
U.1.103	0-32 32-42	10-yr 3/3 10-yr 6/5	Sic 1/0 Sic 1/0 + water	Ø
U.1.106	0-30 30-40	10-yr 3/3 10-yr 6/5	Sic 1/6 Sic 1/0	Ø
U.1.109	0-33 33-43	10-yr 3/3 10-yr 5/5	Sic 1/0 Sic 1/0	Ø
U.1.112	0-19 19-29	10-yr 3/3 10-yr 6/6	Sic 1/0 Sic 1/0	Ø
U.1.114	0-24 24-34	10-yr 4/4 10-yr 6/6	Sic 1/0 Sic 1/0	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7-8-13

Location/Setting: Utility line
other side of Maple Rd.

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 97				STP not dug due to rainbow slicked Standing water approx 4" deep all around
U1. 99	0-55 55-65	10yr 4/2 10yr 6/6	CLLO SACL	Ncm
U1. 102	0-41 41-53	10yr 3/2 10yr 5/4	CLLO SACL	Ncm Water in STP next to small hill.
U1. 105	0-33 33-43	10yr 4/2 10yr 6/3, 5/8	CLLO SACL	Ncm Water in STP
U1. 107	0-29 29-43	Same	Same	Ncm behind grayhouse on Granger Rd
U1. 110	0-30 30-40	Same	Same	Ncm next to gurgling illegal pipe
U1. 113	0-27 27-37	10yr 4/2 10yr 5/4	Same	Ncm power line corridor
U1. 116	0-26 26-36	Same	Same	Ncm In thick brush next to brush dump
U1. 118	0-23 23-33	10yr 5/2 10yr 6/8	CLLO SACL	Ncm In Thick Brush
U1. 121	0-33 33-43	10yr 5/2 10yr 6/3, 5/8	CLLO SACL	Ncm In cut Lands
U1. 125	0-29 29-43	Same	Same	Ncm In wo

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 117	0-17 17-27	10yr 4/4 10yr 6/6	Sic 1/0 Sic 1/0	Ø
U.I. 120	0-30 30-40	10yr 4/3 10yr 5/6	Sic 1/0 Sic 1/0	Ø
U.I. 123	0-22 22-	10yr 4/3 10yr 5/6	Sic 1/0 water	Ø
U.I. 124	0-27 27-37	10yr 4/3 10yr 5/6	Sic 1/0 Sic 1/0	Ø
U.I. 127	0-16 16-26	10yr 4/3 10yr 6/6	Sic 1/0 Sic 1/0	Ø
U.I. 130	0-20 20-30	10yr 4/3 10yr 6/6	Sic 1/0 Sic 1/0	Ø
U.I. 133	0-15 15-25	10yr 4/3 10yr 7/8	Sic 1/0 Sic 1/0	Ø
U.I. 137	0-17 17-26 26-36	10yr 4/3 10yr 2/2 10yr 4/6	Sic 1/0 Sic 1/0 + charcoal Sic 1/0	Ø adjacent cut used road related to houses recent burn

draw a line to separate shovel tests



Excavator(s): FMM

Date: 7/8/13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.122	0-28cm 28-41	10YR 4/2 10YR 6/3	silo silo, water	
U.1.126	0-19cm 19-32	10YR 4/4 10YR 5/6	silo silo	
U.1.129	0-10cm 10-27	10YR 4/3 10YR 5/6	silo silo	
U.1.132	0-13cm 13-32	10YR 4/4 10YR 4/6	silo silo, water	
U.1.135	0-38cm 38-48	10YR 4/4 10YR 5/6	silo silo	
U.1.141	0-21cm 21-31	10YR 4/4 10YR 4/6	silo silo	
U.1.144	0-33cm 33-43	10YR 3/3 10YR 5/6	silo sasi	historic(modern) materials on surface - synth. siding
U.1.149	0-29cm 29-38 38-44	10YR 3/4 mottled 10YR 3/1 10YR 5/6	silo silo sasi	
U.1.154	0-31cm 31-45	10YR 4/4 10YR 7/5	sasi sasi	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7-8-13

Location/Setting:

utility line - In woods after Maple Rd & Powerlines corridor

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 128	0-23 23-33	10yr 5/2 10yr 6/6, 5/8	CLLO SACL	Ncm Lots of roots
U1. 131	0-23 23-33	Same	Same	Ncm In woods
U1. 134	0-24 24-34	Same	Same	Ncm
U1. 136	0-24 24-37	Same	Same	Ncm
U1. 138	0-39 39-51	10yr 5/2, 6/6 10yr 6/6	CLLO SiSA	Ncm Disturbed (cobbles throughout)
U1. 140	0-10 10-20 20-33	10yr 5/2 10yr 4/3 10yr 6/6	CLLO SALO SiSA	Ncm (cobbles gravel)
U1. 143	0-21 21-31	10yr 5/2 10yr 6/6	CLLO SiSA	Ncm
U1. 145	0-21 21-31	10yr 3/2 10yr 5/6	CLLO SiSA	Ncm
U1. 147	0-28 28-38	10yr 4/3 10yr 5/4	CLLO SiSA	Ncm
U1. 150	0-30 30-40	Same	SALO SiSA	Ncm
U1. 152	0-30 30-40	Same	Same	Ncm last one in woods

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s): JCH

Date: 7/8/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.139	0-22 22-32	10 yr 4/3 10 yr 4/6	Sic/lo gravel Sic/lo	Ø
U.1.142	0-17 17-27	10 yr 4/3 10 yr 4/6	Sic/lo Sic/lo	Ø
U.1.146	0-22 22-32	10 yr 4/3 10 yr 6/5	Sic/lo Sic/lo	Ø
U.1.148	0-14 14-24	10 yr 4/3 10 yr 5/4	Sic/lo Sic/lo	Ø
U.1.151	0-22 22-32	10 yr 4/3 10 yr 6/6	Sic/lo Sic/lo	Ø
U.1.153	0-23 23-33	10 yr 4/3 10 yr 5/4	Sic/lo Sic/lo	Ø
U.1.156	0-28 28-38	10 yr 4/3 10 yr 5/4	Sic/lo Sic/lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7-8-13

Location/Setting: open field behind rice & Easy
utility line

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 155	0-34 34-44	10yr 4/3 10yr 5/6	SA SA	Ncm
U1. 157	0-35 35-45	10yr 3/4 10yr 6/8	Si SA Si SA	Ncm
U1. 160	0-35 35-45	10yr 4/3 10yr 6/3	SA Si LO	Ncm
U1. 163	0-35 35-45	10yr 4/3 10yr 6/6	SA Si SA Si	Ncm
U1. 166	0-40 40-50	10yr 4/3 10yr 5/4	Si CL CL Si	Ncm In field After Potato crop. other side of Henry ch
U1. 169	0-18 18-34	10yr 4/3 10yr 4/6	Si CL Si CL	Ncm water in STP
U1. 172	0-12 12-33	Same	Same	Ncm Last one at tree line
U1. 174	0-12 12-30	10yr 5/2 10yr 6/4	Si CL CL Si	Ncm In very Thick brush
U1. 177	0-20	10yr 4/3	Si CL	Ncm Surface water: water in STP
U1. 179	0-23 23-33	10yr 5/2 10yr 5/4	Si CL CL Si	Ncm
U1. 182	0-27 27-37	Same	Same	Ncm In cut corridor
U1. 186	0-27 27-37	10yr 5/2 10yr 6/3, 5/8	CL lo CL lo	Ncm Same

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 7/9/13

Location/Setting: Utility Pipeline, day 3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 158	0-43cm 43-58	10YR 5/4 10YR 7/5	SaSi SaSi	—
U.I. 162	0-38cm 38-53	10YR 5/4 7.5YR 5/5	SaSi SaSi	—
U.I. 164	0-32cm 32-43	10YR 5/4 10YR 7/5	SaSi SaSi	last unit before crossing Rd
U.I. 167	0-44cm 44-56	10YR 4/3 10YR 5/4	SiLo SiClLo	—
U.I. 170	0-41cm 41-51	10YR 4/4 10YR 4/6	SiLo SiClLo	—
U.I. 175	0-15cm 15-31	10YR 4/3 10YR 5/5	SiLo SiClLo	—
U.I. 177	—	—	—	NO DIG — gas line
U.I. 181	0-26cm 26-37	10YR 4/4 10YR 4/6	SiLo SiClLo	—
U.I. 184	0-31cm 31-43	10YR 4/4 10YR 4/6	SiLo SiClLo	—
U.I. 187	0-20cm 20-32	10YR 4/4 10YR 4/6	SiLo SiClLo	—
U.I. 191	0-35cm	10YR 4/3 mottled with 4/6	SiClLo, w/water + gravel	disturbed, if in ad to wager
U.I. 194	0-35cm	10YR 6/2	wood	this isn't wetland?
U.I. 199	0-24cm 24-41	10YR 4/3 10YR 5/4	SiClLo SiClLo	—
U.I. 204	0-30cm 30-41	10YR 4/3 10YR 5/6	SiClLo SiClLo	—
U.I. 207	0-20cm 20-31	10YR 4/3 10YR 5/6	SiClLo SiClLo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 7/9/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 159 28-28	0-28 28-38	10yr 4/3 10yr 5/5	Si Lo Si Lo	Ø
U.I. 161	0-29 29-39	10yr 4/3 10yr 6/5	Si Lo Si Lo	Ø
U.I. 165	0-31 31-41	10yr 4/3 10yr 6/5	Si cl lo Si cl lo	Ø
U.I. 168	0-32 32-42	10yr 4/3 10yr 6/5	Si cl lo Si cl lo	Ø
U.I. 171	0-19 19-29	10yr 4/3 compacted	Si cl lo + gravel gravel	Ø
U.I. 173	0-24 24-34	10yr 4/3 10yr 5/5	Si cl lo Si cl lo	Ø
U.I. 176	0-21 21-31	10yr 4/3 10yr 5/6	Si cl lo Si cl lo	Ø
U.I. 178	0-10 10-	10yr 4/3 water	Si cl lo + water	Ø
U.I. 180	0-14 14-24	10yr 4/3 10yr 5/5	Si cl lo Si cl lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 7/9/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 183	0-9 9-21	10 yr 4/3 10 yr 5/4	Siel lo Siel lo + trach	Ø
U.I. 185	0-24 24-34	10 yr 4/3 10 yr 5/5	Siel lo Siel lo	Ø
U.I. 188	0-17 17-27	10 yr 3/3 10 yr 6/6	Siel lo + trach Silo	Ø Disturbed A
U.I. 190	0-15 15+25	10 yr 3/3 10 yr 5/6	Siel lo + trach Siel lo	Ø
U.I. 192	0-18 180 water	10 yr 4/3	Siel lo water	Ø
U.I. 193	under water			Ø
U.I. 195	under water			Ø
U.I. 198	0-18 18-28	10 yr 4/3 10 yr 5/6	Siel lo Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7-9-13

Location/Setting: utility line

In cut corridor after org. field.

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 189	0-15 15-23 23-33	10y 4/3, 5/6 10y 5/2 10y 4/3, 5/8	CLLo CLLo CLLo	disturbed - cobbles gravel Ncm Ncm
U1. 197	0-20 20-30	10y 5/2 10y 6/6	CLLo CLLo	Ncm In brush
U1. 200	0-26 26-36	10y 4/3 10y 5/4	CLLo CLLo	Ncm
U1. 202	0-26 26-36	Same	Same	Ncm
U1. 205	0-26 26-36	Same	Same	Ncm
U1. 209	0-20 20-30	Same	Same	Ncm black tarp frag at interface 20 cm bs. water in STP
U1. 212	0-10	10y 4/3	CLLo	dense packed gravel, Right next to upraised road bed.
U1. 216	0-20	10y 4/2	CLLo	Ncm Water In a drainage ditch with running water ☺
U1. 219	0-18 18-30	10y 3/2 10y 5/6	CLLo CLLo	Ncm next to 2 concrete pilings behind garage
U1. 222	0-15	10y 3/2	SALo	Ncm Clean Fill on mound with sheds - road gravel

U1. 224 → not dug - on major push pile / dump (Garden) waste

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 7/9/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 201	0-24 24-34	10 yr 4/3 10 yr 5/4	Sic l lo Sic l lo	Ø
U.I. 203	0-22 22-24	10 yr 4/3 10 yr 5/4	Sic l lo Sic l lo	Ø
U.I. 206	0-27 27-37	10 yr 4/3 10 yr 4/6	Sic l lo Sic l lo	Ø
U.I. 208	0-22 22-32	10 yr 4/3 10 yr 6/3	Sic l lo Sic l lo	Ø
U.I. 211	0-14 14-	10 yr 4/3 gravel	Sic l lo	compacted gravel drive of some sort
U.I. 213	0-19 19-29	10 yr 4/3 10 yr 5/5	Sic l lo Sic l lo	Ø cinder block gyp hault bottle dump 10ft east of Sp
U.I. 217	0-32 32-42	10 yr 4/3 10 yr 5/5	Sic l lo Sic l lo	Ø
U.I. 220	0-15 15-25	10 yr 4/3 10 yr 4/6	Sic l lo Sic l lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 7/9/13

Location/Setting: Utility Line, day #3

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 210	0-28cm 28-38	10YR 6/2 10YR 4/6	siclo, water siclo, water	—
U.I. 214	0-20cm	10YR 6/2	siclo	standing water
U.I. 215	0-30cm	10YR 6/2	siclo, water	unit fills w/ water
U.I. 218	0-19cm 19-30	10YR 3/2 10YR 4/4	siclo cilo	adjacent to hist. foundation filled w/ trash
U.I. 221	0-17cm 17-30	10YR 4/4 10YR 5/5	silo siclo	—
U.I. 227	0-30cm	10YR 3/4	siclo, gravel	fill
U.I. 230	0-24cm	10YR 4/3	siclo, gravel	fill
U.I. 233	0-15cm 15-19 19-35	10YR 4/4 10YR 5/5 10YR 3/3	siclo siclo lo, gravel	fill
U.I. 236	0-25cm 25-34	10YR 2/2 10YR 2/2	siclo sa si, water	—
U.I. 240	0-29cm 29-38	10YR 2/2 10YR 4/3	silo siclo	some very modern plastic
U.I. 243	0-29cm 29-41	10YR 5/4 10YR 6/5	siclo cilo	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 7/9/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.223	0-12 12-	10yr 4/3 compacted	Sic l b+gravel gravel embankment	Ø X R 31
U.1.225	0-8 8-	10yr 4/3 Compacted	10yr 4/3 gravel	Ø X R 31
U.1.226	0-21 21-	10yr 4/3 Compacted	Sic l o+gravel gravel	Ø
U.1.229	0-14 14-	10yr 4/3 Compacted	Sic l o+gravel gravel	Ø
U.1.232	0-25 25-35	10yr 4/3 10yr 5/5	Sic l o+gravel Sic l o+gravel	Ø
U.1.235	0-20 20-30	10yr 3/3 10yr 6/3	Sic l l o Sic l l o	disturbed path Ø
U.1.238	0-52 52-62	10yr 3/3 10yr 6/5	Sic l l o Sic l l o	Ø
U.1.241	0-61 61-71	10yr 3/3 10yr 6/5	Sic l l o Sic l l o	Ø
U.1.244	0-28 28-38	10yr 4/4 10yr 4/6	Sic l l o Sic l l o	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

utility line
other side of Rt 31 / Clay fire dept.

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 228	0-10	10yr 3 1/2, 5/6	SA Lo (disturbed)	Ncm - parking lot gravel, compact
U1. 231	0-20	10yr 3 1/2, 4/3	CL Lo	Ncm - In push piles + dump by parking lot soils <u>very</u> compact
U1. 234	→	→		STP not dug due to extreme vertical slope of giant push pile + mini swamp at its base
U1. 237	0-20	10yr 2/2	SA Lo	In another push pile
U1. 239	0-40 40-50	10yr 2/2 10yr 2/1	SA Lo Lo -	On the slopes of same push pile Burnt wood
U1. 242	0-27 27-37	10yr 5/2 10yr 5/4	cl lo cl lo	Ncm - last on in woods
U1. 245	0-27 27-37	same	same	Ncm

ed

Excavator(s): FMM

Date: _____

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.246	0-5 cm 54-68	10YR 4/4 10YR 4/5	Silt silt	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): Sclt

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 247	0-5	10yr 4/3	Sic/lo + gravel	Ø
	5-	Compacted	rock and gravel	
U.I. 249	0-13	10yr 4/3	Sic/lo +	
	13-	Compacted	river cobbles	
U.I. 250	0-20	10yr 4/3	Sic/lo	Ø
	20-30	10yr 6/6	Sic/lo	
U.I. 251	0-20	10yr 4/3	Sic/lo	Ø
	20-30	10yr 6/6	Sic/lo	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 7/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.I. 252	0-10cm 10-24	10YR 4/3 10YR 4/6	cll sill	
U.I. 257	0-10cm 10-24	10YR 4/3 10YR 4/6	sill sill	
U.I. 262	0-32cm 32-42	10YR 5/4 10YR 5/5	cll sill	
U.I. 265	0-24cm 24-34	4/4 10YR 5/4	sill sill	
U.I. 268	0-29cm 29-40	10YR 4/4 10YR 5/6	sill sill	
U.I. 272	0-34cm 34-49	10YR 4/3 10YR 4/6	sill sill	
U.I. 275	0-29cm 29-42	10YR 4/3 mottled 10YR 7/2 4/6 5/2	sill cll sill	
U.I. 280	0-31cm 31-38 38-48	10YR 5/4 mottled 10YR 7/4 10YR 4/6	sill cll sill	
U.I. 283	0-32cm 32-49	10YR 4/3 10YR 5/6	sill sill gravel	gravel
U.I. 289	0-21cm 21-37	10YR 4/3 10YR 4/4	sill sill sill gravel water	
U.I. 295	0-38cm 38-44	10YR 5/3 10YR 5/5	sill sill water	

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 7/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.254	0-20 20-30	10yr 4/3 10yr 5/5	Siel lo Siel lo	Ø
U.1.256	0-10 10	10yr 4/4 water	Siel to	Ø
U.1.259	0-32 32-42	10yr 4/4 10yr 5/2	Siel lo Siel lo	Ø
U.1.260	0-27 27-37	10yr 4/4 10yr 5/5	Siel lo Siel lo	Ø
U.1.263	0-21 21-31	10yr 4/4 10yr 5/5	Siel lo Siel lo	Ø
U.1.266	0-20 20-30	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
U.1.270	0-24 24-34	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
U.1.273	0-22 22-32	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
U.1.276	0-23 23-33	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
U.1.278	0-19 19-20	10yr 4/4 10yr 5/6	Siel lo Siel lo	Ø
U.1.281	0-27 27-37	10yr 4/4 10yr 5/5	Siel lo Siel lo	Ø
U.1.282	0-31 31-41	10yr 4/4 10yr 5/5 + gravel	Siel lo Siel lo	Ø
U.1.283	0-10 10-	10yr 4/4 water	Siel lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 7-10-13

Location/Setting: Utility line

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U1. 248	0-27 27-37	10yr 5/2 10yr 5/4	CLLO CLLO	non
U1. 253	0-23 23-33	10yr 5/2 10yr 5/8	Same CLLO	non
U1. 255	0-19 19-31	10yr 5/2 10yr 6/3, 5/8, 6/1	SIC	non
U1. 258	0-30 30-40	10yr 4/3 10yr 5/8	CLLO SICL	non water-filled STP
U1. 261	0-26 26-36	10yr 5/2 10yr 5/8	Same	non water
U1. 264	0-30 30-40	10yr 5/2 10yr 4/3, 5/8	Same	non
U1. 267	0-37 37-47	10yr 4/3 10yr 5/6	Same	non
U1. 269	0-30 30-40	Same	Same	non
U1. 271	0-36 36-46	Same	Same	non
U1. 274	0-36 36-46	Same	Same	non
U1. 277	0-37 37-48	Same	Same	non
U1. 279	0-37 37-48	Same	Same	non
U1. 284	0-28 28-38	Same 10yr 4/3	Same CLLO	non
U1. 287	0-19 19-33	5yr 6/6	SICL	non
U1. 291	0-19 19-29	10yr 4/3 10yr 5/6	CLLO SICL	non water
U1. 293	0-30 30-40	Same	Same	non water

draw a line to separate shovel tests

* MORE ON BACK *

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): Schl

Project Name: Clay Business Park Phase IB

Date: 2/10/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
U.1.286	0-21 21-	10 yr 4/4 Water	Siel 10	Ø
U.1.288	0-14 14-	10 yr 4/4 Water	Siel 10	Ø
U.1.290	0-14 14-	10 yr 4/4 Water	Siel 10	Ø
U.1.292	0-34 34-44	10 yr 4/4 10 yr S/S	Siel 10 Siel 10 + Water	Ø
U.1.294	0-27 27-37	10 yr 4/3 10 yr 4/6	Siel 10	Ø
U.1.297	0-21 21-31	10 yr 4/3 Water	Siel 10	Ø
U.1.299	0-24 24-34	10 yr 4/3 10 yr S/S	Siel 10 Siel 10	Ø
U.1.301	0-23 23-33	10 yr 4/4 10 yr 6/3	Siel 10 Siel 10	Ø
U.1.304	0-31 31-41	10 yr 4/4 10 yr 6/4	Siel 10 Siel 10	Ø
U.1.305	0-30 30-40	10 yr 4/4 10 yr S/S	Siel 10 Siel 10	Ø
U.1.308	0-32 32-42	10 yr 4/4 10 yr S/S	Siel 10 Siel 10	Ø
U.1.311	0-31 31-41	10 yr 4/4 10 yr 6/5	Siel 10 Siel 10	Ø
U.1.312	0-22 22-	10 yr 4/4 gravel	Siel 10 compacted	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

edr

edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 7/10/13

Location/Setting:

Shovel Test		Soil Color	Soil Texture	Artifacts/Comments
U.1.30Z	0-31cm 31-41	10YR 5/3 10YR 4/6	SiCLo CLo, water	—
U.1.30C	0-29cm 29-42	10YR 5/3 mottled 10YR 4/6	SiCLo SiCL, water	—
U.1.30J	0-31cm 31-41	10YR 4/5 10YR 4/6	SiCLo SiCL, water	—
U.1.313 EGT	0-15cm 15-30 30-40	10YR 4/3 10YR 4/6 10YR 3/2	SiCLo SiCL SiCL	plastic sheeting @ 30cm between layers
U.1.30N	0-26 26-36	10YR 3/2 10YR 5/6	SiCL	metal
U.1.30E	0-32 32-42	10YR 3/2 10YR 5/6	SiCL SiCL	NCM
U.1.30W	0-22 22-42 42-52	10YR 3/2 10YR 3/3 + 10YR 4/6 10YR 5/6	SiCLo SiCLo SiCLo	Ø
U.1.30S	0-29 29-39	10YR 3/2 10YR 5/6	SiCL SiCL	NCM
U.1.30NW	0-9cm 9-36 36-46	10YR 4/4 mottled 10YR 4/4 + 4/6 10YR 4/6	SiCLo SiCLo SiCLo	—

30NE 0-19cm
19-29

10YR 3/2
5/6

draw a line to separate shovel tests

SiCLo
SiCLo

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-10-13

Location/Setting:

small grove of old trees
area 1

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
A1	0-17 17-35	10yr 3/2 10yr 5/6	CLLo SiCL	— —
A2	0-23 23-25	10yr 3/4 10yr 5/4	Lo CL Si	— massive roots from very large oaks
A3	0-35 35-50	10yr 3/2 10yr 5/6	CLLo SiCL	— water seepage @ 38"
A4	0-24 24-34	10yr 3/3 10yr 5/4	SiLo SiCL	many roots
	EOT			

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/14/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
B. N100.E050	0-19cm 19-39	10YR 4/4 10YR 4/6	SiLo SiLo	—
B. N100.E100	0-19cm 19-42	10YR 4/4 10YR 4/6	SiLo SiLo; water	—
B. N100.E150	0-33cm 33-45	10YR 4/4 10YR 4/6	SiLo SiLo; water	—
B. N125.E100	0-43cm 43-56	10YR 4/4, mottled 10YR 4/6	SiLo SiLo; water	—
B. N125.E125	0-33cm 33-46	10YR 5/4 10YR 7/4	SiLo SiLo	—
B. N125.E150	0-24cm 24-35	10YR 4/4 10YR 4/6	SiLo SiLo; water	adjacent to historic fencing w/ metal frame (like metal fence posts) laying flat on ground
B. N100.E200	0-35cm 35-44	10YR 4/4 10YR 4/6	SiLo SiLo	—
B. N100.E250	0-37cm 37-51	10YR 4/4 10YR 5/6	SiLo ClLo	—
B. N100.E300	0-57cm 57-76	10YR 4/4 10YR 5/6	SiLo ClLo	—
B. N100.E350 (EOT)	0-36cm 36-48	10YR 4/4 10YR 4/6	SiLo SiLo, water	—

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): HEATON

Project Name: Clay Business Park Phase IB

Date: 6/14/2013

Location/Setting: "ARCHEOLOGICAL SITE B" (MDS #2 IN PHASE 1A REPORT)

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
B.N150. E50	0-27 cm 27-43 cm	10YR 4/3 10YR 5/4	Si CL LO Si CL LO	Ncm; A FEW COAL FRAGMENTS Ncm
B.N150. E100	0-23 cm 23-36 cm	10YR 4/3 10YR 5/4	Si CL LO Si CL LO	Ncm Ncm; TREE ROOTS
N150 B.N155. E125 (ADJACENT TO N WALL OF FEATURE B1)	0-24 cm 24-39 cm	10YR 4/3 10YR 5/4	Si CL LO Si CL LO	Ncm Ncm
B.N150 B.N150. E150 (IMMED. EAST OF FEATURE B1)	0-27 cm 27-40 cm 40-48 cm	10YR 4/3 10YR 5/4 10YR 6/3	Si CL LO CL LO CL LO	Ncm ↓
B.N175. E100	0-25 cm 25-46 cm	10YR 4/3 10YR 5/4	Si LO Si CL LO	3 COAL CINDERS, 1 PLASTIC Ncm (H)
B.N175. E125	0-28 cm 28-46 cm 46-56 cm	10YR 4/3 10YR 5/4 10YR 6/3	Si LO CL LO CL LO	Ncm Ncm Ncm
B.N175. E150	0-33 cm 33-51 cm	10YR 4/3 10YR 5/4	Si CL LO CL LO	Ncm Ncm
N150 B.N150. E200	0-28 cm 28-45 cm	10YR 4/3 10YR 5/4	Si CL LO CL LO	Ncm Ncm
B.N150. E250	0-43 cm 43-64 cm	10YR 4/3 10YR 5/4	Si LO CL LO	Ncm Ncm
B.N150. E300	0-36 cm 36-50 cm	10YR 4/3 10YR 5/4	Si LO CL LO	Ncm Ncm
B.N150. E350	0-31 cm 31-40 cm	10YR 4/3 10YR 5/4	Si LO CL LO	Ncm Ncm

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): SCH

Project Name: Clay Business Park Phase IB

Date: 6/14/2013

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
BN200E050	0-8	10yr 4/3	Sic 10	Roof debris
	8-19	10yr 5/4	Sic 10	
	19-41	10yr 4/3	Sic 10	Ø
	41-62	10yr 5/4	Sic 10	
	62-82	10yr 4/6	Sic 10, damp	1 Nail
	82-96	10yr 5/6	Sic 10, damp	Ø
BN200E075	0-7	10yr 4/3		Ø
	7-	Solid yet fractured cement debris		
BN200E100	0-20	10yr 3/3	Sic 10	wood and building debris debris coal and coal burning debris 1 roof tile 6 brick tile 7 nail 1 bullet casing 9 ceramic 7 glass
	20-28	10yr 4/6	Sic 10	
	28-61	10yr 4/3	Sic 10	
	61-70	10yr 4/6	Sic 10	
	70-82	10yr 5/4	Sic 10, damp	
BN200E150	0-24	10yr 4/3	Sic 10	1 ceramic 2 metal
	24-34	10yr 4/6	Sic 10	
BN225E080	0-12	10yr 4/4	Sic 10	Ø
	12-53	10yr 5/6	Sic 10	
	53-63	10yr 6/4	Sic 10	

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-14-13

Location/Setting:

Historic House Site - B
In open area near Road

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
B. N250. E050	0-30 30-47 47-57	10yR 4/3 br 10yR 4/4 dk ylb 10yR 3/2 dk gr br	CL Si CL Si Si CL	Water @ 47 cmbs few coal smudges in sub
B. N250. E.075	0-20 20-40 40-60 60-70	10yR 3/2 ^{dk} br 10yR 5/6, 3/2 10yR 3/3, 3/2, 5/6 10yR 5/8	SicL compact Si CL loose SicL wet Si CL wet	topsoil fill FILL Fill with some coal ash and coal smudges 3 bone, 1 clear vessel glass STP Filled with water @ 70cmbs Ncm
B. N250 E.100	0-30 30-54	10yR 3/2, 5/4 10yR 4/6	SicL SicL	1 bone 20-30cmbs Water @ 44 cmbs
B. N250 E150	Surface debris & stand of garlic		Buckets, paint cans, auto parts, bed springs Caldes, bolts, bones, mason jars, wine bottles, more	Just inside trees - seems to be a push pile of historic debris - household, auto, building etc. (Surface)
	0-55 55-65	10yR 3/3 ^{dk} br 10yR 4/3 br	CL Lo SicL	Coal ash, misc metal not kept Ncm
B N250 E200	0-35 35-48	10yR 4/2 ^{dk} br 10yR 5/6 ylb	CLLo Si CL	next to tile drain pipe opens into stream/swamp 1 glass vessel, 1 ceramic? 4 misc metal (poss. nails) Water seepage @ 35cmbs

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-14-13

Location/Setting:

Historic House Site B

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
B. N. 300 E. 050	0-38 38-48	10yr 3/2 ^{V OK} gr br 10yr 4/3 br	CLLO silt	Road gravel, Asphalt —
B. N. 300 E. 100	0-14 14-30	10yr 3/2 10yr 4/4	SA LO wet SA	asphalt, gravel, rocks, con water seepage @ 17cm
B. N. 300 E. 150	Surface debris →	Truck parts, 5 gal. drums, tires, concrete, blocks, etc.		Just inside tree line on debris push pile more garbage
	0-17 17-30	10yr 3/2 10yr 5/6	CLLO silt	— —
B. N. 300 E. 200 BOT	0-27 27-40	10yr 3/1 10yr 6/3, 5/6	CLLO silt	Watercress on surface water @ 30 cmbs

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-14-13

Location/Setting:

Historic House Site B

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
B N 350 E 050	0-30 30-40	10yr 4 1/2 gr br 10yr 6 1/3 pale br 10yr 5 1/8 ylb	CLLO SICL	Water seepage @ 37cms
B N 350 E 100	0-29 →	10yr 4 1/2 gr br roots / water	CLLO	Very wet surface & an absolute carpet of thick roots 3m in all directions for 2 very large old trees.
B N 350 E 150	0-35 35-45	10yr 4 1/2 10yr 6 1/3, 5/4	CLLO SICL	
B N 350 E 200	0-16 16-40	10yr 4 1/2 10yr 6 1/3, 5/4	CLLO SICL	2ft West of a slab or foundation STP has large chunks of broken concrete in 1st level. Numb
B N 350 E 250	0-34 34-48	10yr 4 1/2 10yr 5 1/3, 5/6	CLLO SICL	
B N 350 E 300	0-27 27-41	10yr 4 1/3 10yr 5 1/3, 5/6	CLLO SICL	In the sea of raspberries
EOT				



Excavator(s):

Date:

DB - Sam
6-14-13

draw a line to separate shovel tests

Archeological Survey Field Record Sheet

ORIGINAL GRID (8x7)
56

edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-25-13

Location/Setting:

MDS 2/C

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N 200 E 100				Road side
N 200 E 050	0-32 32-42	10yr 3/2 10yr 5/8	cllo scll	In a wetland area
N 200 E 100	0-28 28-38	Same	cllo scll	1 white ware 1 clear vessel glass
N 200 E 150	0-30 30-40	Same	Same	1 flat glass 1 tiny brick frag } both discarded In the knotweed
N 200 E 200	0-30 30-40	Same	Same	In knotweed with Periwinkle ground cover
see S.H. paperwork for the rest				

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DBProject Name: Clay Business Park Phase IBDate: 6-25-13Location/Setting: MDS: 2 / C

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N 300 E 100				@ Road Side
N 300 E 150	0-34 34-45	10yr 4/3 10yr 5/4	silo silo	In a grove of old trees
N 300 E 100	0-17 17-35	10yr 4/2 10yr 5/6	CLLO Si CL	In a tunnel of Japanese Knot weed about 12ft S of other cobblestone well.
N 300 E 150	0-45	10yr 4/2, 5/6 disturbed	CL Si	approx 12ft S of largest, oldest Maple In the Knot weed
N 300 E 200	0-37 37-47	10yr 4/2 10yr 5/6	Si LO CL Si	3 clear vessel glass - not kept because found with styrofoam + a 1980's era Kids Juice container - plastic. In the Knot weed still
N 300 E 250	0-25 25-35	10yr 4/3 10yr 6/8	silo silo	next to massive grape vines. partially in the Knot weed
N 300 E 300	0-27 27-37	Same	Same	
N 300 E 350	0-25 25-35	10yr 4/3 10yr 4/6	Silo silo	approx 10ft W is a dump site w 5 gallon metal buckets, misc Jars + metal.
BOT				

Archeological Survey Field Record Sheet

edr

edr Project #: 12062

Project Name: Clay Business Park Phase IB

Excavator(s): SCH

Date: 6/25/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N350 E150	0-35 35-45	10 yr 4/3 10 yr 6/4	Sic1 lo Sic1 lo	1 Axe head 1 Shotgun Shell (used)
N350 E200	0-33 33-43	10 yr 4/3 10 yr 5/2	Sic1 lo Sic1 lo	in depression with rocks, visible metal near window base
N350 E250	0-25 25-35	10 yr 4/4 Cement or stone	Sic1 lo impassable	Ø
N350 E300	0-30 30-40	10 yr 4/3 10 yr 6/4	Sic1 lo Sic1 lo	Ø
N250 E300	0-25 25-35	10 yr 4/4 10 yr 6/6	Sic1 lo Sic1 lo	Ø
N250 E250	0-20 20-30	10 yr 4/4 10 yr 6/6	Sic1 lo Sic1 lo	Ø
N200 E300	0-22 22-32	10 yr 4/4 10 yr 6/4	Sic1 lo Sic1 lo	Ø
N200 E250	0-25 25-35	10 yr 4/3 10 yr 6/4	Sic1 lo Sic1 lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): DB

Project Name: Clay Business Park Phase IB

Date: 6-25-13

Location/Setting: MDS: 2C

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N 400 E 100				not dug @ roadside Stand of tiger lilies
N 400 E 650	0-24 24-37	10yr 3/2 10yr 5/8	CLLO SICL	
N 400 E 100	0-30 30-41	10yr 4/2 10yr 5/6	CLLO SICL	1 Flat glass - discarded In an area with many boulders, slightly submerged and covered with moss
N 400 E 150	0-14 14-27	10yr 4/2 10yr 5/4, 6/3	CLLO SICL	Right next to old metal door buried under vines/brush Rocks @ bottom of str
N 400 E 200	0-17 17-33	10yr 3/3 10yr 5/8	CLLO CLLO	Cobblestone well under brush is between last str & this one concrete building material
N 400 E 250	0-13 13-27	10yr 3/3 10yr 5/6	SiLO SiLO	0-8 cm 1/2 of orange brick with letters SS. left on surface under flag. Lots of roots.
N 400 E 300	0-25 25-35	10yr 4/3 10yr 6/6	CL Si CL Si	In Raspberry hull.
N 400 E 350	0-30 30-40	10yr 4/2 with a lens of 8/1 Si 10yr 5/8	CL Si Si CL Si	In mosquito hell
	EOT			

draw a line to separate shovel tests

edr Project #: 12062

Excavator(s): FMM

Project Name: Clay Business Park Phase IB

Date: 6/25/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
C. N450.E050	0-22cm 22-35	10YR 3/4 10YR 4/6	Silo silo	—
C. N450.E100	0-27cm 27-37	10YR 3/2 10YR 4/6	Silo silo, gravel	an array of modern (post 1940/50s) activities (rubber, glass, jars, tires, chicken wire) ... very close to 3rd (4th?) well
C. N450.E150	0-20cm 20-31	10YR 3/2 10YR 4/6	Silo silo, gravel	brick & glass fragments, some metal... near to barn foundation
C. N450.E200	0-19cm 19-33	10YR 3/3 10YR 4/6	Silo silo	—
C. N450.E250	0-19cm 19-32	10YR 3/3 10YR 4/6	Silo silo	some nails
C. N450.E300	0-11cm 11-26 26-49	10YR 3/2 10YR 3/4 10YR 4/6	Silo Silo Silo	—
C. N450.E350 FOT	0-22cm 22-34	10YR 4/4 10YR 4/6	Silo Silo	some nail fragments; near significant pile of rocks
C. N250.E050	0-74cm 74-44	10YR 4/4 10YR 5/6	Silo Silo	—
C. N250.E100	0-33cm 33-45	10YR 3/3 10YR 4/6	Silo Silo	mortared stone
C. N250.E150	0-22cm 22-36	10YR 4/4 10YR 5/6	Silo Silo	white ware - teacup, glass frag.
C. N250.E200	0-27cm 27-39	10YR 4/4 10YR 4/6	Silo Silo	—

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): S.H.

Project Name: Clay Business Park Phase IB

Date: 6/25/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N500 E050	0-22 22-32	10yr 4/3 10yr 6/4	Sic1lo Sic1lo	Ø
N500 E100	0-26 26-36	10yr 4/3 10yr 6/3	Sic1lo Sic1lo	Ø
N500 E150	0-24 24-34	10yr 4/3 10yr 6/6	Sic1lo Sic1lo	modern glass bottle asphalt roofing window glass
N500 E200	0-17 17-27	10yr 4/3 10yr 6/6	Sic1lo Sic1lo	window glass
N500 E250	0-16 16-26	10yr 4/3 10yr 6/4	Sic1lo Sic1lo	Ø
N500 E300	0-15 15-25	10yr 4/3 10yr 6/4	Sic1lo Sic1lo	Ø
N350 E050	0-25 25-75 80-	10yr 3/3 10yr 5/3 10yr 4/6	Sic1lo Sic1lo Sic1lo	layer of fill over disturbed layer w brick and mortar subhas charcoal and brick color mortar 1 ceramic/plastic?
N350 E100	0-10 10-	10yr 4/3 compacted	Sic1lo gravel impasse	Drive?

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s): FM, SH, DB

Project Name: Clay Business Park Phase IB

Date: 6/19/13

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
C. N550, E050	0-30cm 30-40	10YR 4/3 10YR 6/4	silo silo	—
C. N550, E100	0-28cm 28-46	10YR 4/3 10YR 6/4	silo silo	—
C. N550, E150	0-40cm 40-50	10YR 3/3 10YR 6/4	silo CLSi	—
C. N550, E200	0-38 38-51	10YR 3/3 10YR 6/4	silo CLSi	Pebbles/sm. cobbles in subsoil
C. N550, E250	0-28 28-38	10YR 3/3 10YR 6/4	silo silo	Pebbles + small cobbles throughout Ø
C. N550, E300	0-32cm 32-52	10YR 4/3 10YR 6/4	silo silo	—
C. N550, E350	0-23cm 23-33	10YR 3/3 10YR 6/4	silo silo	—

draw a line to separate shovel tests



Date: 06-25-2013

[illegible]

draw a line to separate shovel tests

Excavator(s):

Date:

DB

7-1-13

draw a line to separate shovel tests



Date: 7/1/13

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
C.N225.E050	0-38cm 38-54	10YR 4/3 10YR 4/6	silo silo, water	possible architectural stone
C.N225.E075	0-34cm 34-61	10YR 3/3 10YR 7/5	silo silo	minor brick fragments
C.N225.E100	0-31cm 31-43 43-53	10YR 3/2 10YR 6/3 mottled 10YR 5/8, 6/8, 4/2	siClLo saLo siCl	—
C.N225.E125	0-41cm 41-74	10YR 3/2 10YR 4/5	siClLo siClLo	minor coal frag
C.N225.E200	0-21cm 21-44	10YR 3/2 7.5YR 4/6	silo silo	twined metal cable
C.N225.E225	0-24cm 24-35	10YR 3/4 10YR 4/6	silo silo	metal button/misc. metal frag.
C.N200.E125	0-33cm 33-56	10YR 2/2 10YR 5/6	silo si, water	ceramic, glass, coal

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting: MDS - 2 Radials

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
C N 250 E 025	0-37 37-57	10yr 3/2 vdk grbr 10yr 5/8 y/b	CLLO SicL	NUM NCM Few med. cobbles in Sub soil
C N 250 E 075	0-27 27-45	Same	CLLO SicL	1 Flat glass 0-10cm 0-20cm - 1/2 concrete block with 3 large cobbles under and around it. NW wall 23-27cm - a lump of mortar W. wall NCM in subsoil
C N 250 E 125	0-47	10yr 3/2	CLLO	1 nail, 1 staple, 1 Flat glass 1 mortar sample, 1 fabric strip 30-37 large boulder 47cm - multiple rock impass mortar shatter throughout STP
★ between N 250 E 100 and foundation wall on surface			N 250 E 125	
C N 225 E 150	0-36 36-54	10yr 3/2 10yr 5/8	CLLO (Soils moist) CLLO	1 Flat glass, 1 vessel glass 1 Stone ware all 0.5 cmbs 1 Stoneware surface find
C N 225 E 175	0-27 27-41	Same	Same	2 Flat glass 2 white ware } 0-5 cmbs
C N 250 E 225	0-30 30-40	10yr 4/2 7.5yr 5/6	CLLO SicL	NCM

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N275E175	0-18 18-30	10yr 3/3 10yr 4/6	Sic/lo Sic/lo	H
N275E200	0-23 23-33	10yr 4/3 10yr 5/8	Sic/lo Sic/lo	H
N300E225	0-22 22-	10yr 4/3 Rock Imbr.	Sic/lo	matte and gravel molar and gravel
N275E225	0-23 23-33	10yr 4/3 10yr 6/6	Sic/lo Sic/lo	H
N300E175	0-45 45-55	10yr 4/3 10yr 5/5	Sic/lo Sic/lo	Ø
N300E225	0-21 21-31	10yr 4/3 10yr 5/4	Sic/lo Sic/lo	25ft north to open well Heavy gravel
N300E75	0-23 23-33	10yr 4/3 10yr 6/4	Sic/lo Sic/lo	Ø

draw a line to separate shovel tests

Archeological Survey Field Record Sheet



edr Project #: 12062

Excavator(s):

Project Name: Clay Business Park Phase IB

Date:

Location/Setting:

Shovel Test	Depth	Soil Color	Soil Texture	Artifacts/Comments
N275250	0-60 60-70	10yr 4/3 10yr 5/6	Sic/lo Sic/lo	Ø
N275275	0-80 80-90	10yr 4/3 10yr 5/8	Sic/lo Sic/lo	Visible historic ceramic, 1 bullet casing, glass, 1 nail, 1 brick, 1 metal, 3 mortar
N2752100	0-15 15-32 32-47	10yr 4/3 10yr 3/3 10yr 4/4	Sic/lo Sic/lo Sic/lo	unit began with a layer of near sterile soil. disturbance and building materials were found in level 2. level 3 was a compacted material including around various shaped architectural tile, ← disembodied foundational charcoal throughout
N2752125	0-18 18-63 63-73	10yr 3/3 10yr 4/4 10yr 5/5	Sic/lo Sic/lo Sic/lo	H
N2752150	0-32 32-	10yr 4/3 Rock impure	Sic/lo	visible large pieces of concrete directly adjacent unit
N2502175	0-8 8-14 14-33 33-45	10yr 3/3 10yr 4/4 10yr 3/2 10yr 5/5	Sic/lo Sic/lo Sic/lo Sic/lo	H

draw a line to separate shovel tests

Appendix E:
Artifact Inventory

Shovel Test	Stratum	Depth	Count	Description	Comments	Date Range
1.1.18	1	0-28 cm	1	misc. metal; ferrous	06/04/13, FMM	unk.
1.1.22	1	0-28 cm	1	can fragment (food—container); aluminum	06/04/13, FMM	20th cent.
1.1.37	1	0-30 cm	1	staple (architectural—fence post); ferrous	06/05/13, FMM	19th-20th cent.
1.1.45	1	0-30 cm	1	charcoal	06/05/13, FMM	unk.
2.2.17	1	0-32 cm	7	nail (1), flat/window glass (1), glass slag (1), brick (1), asphalt tile (3); architectural	6/11/2013, SCH	19th-20th cent.
2.3.18	1	0-18 cm	1	nail (architectural); ferrous	06/12/13, DB	19th-20th cent.
3.1.22	1	0-28 cm	1	misc. metal; ferrous	06/03/13, FMM	19th-20th cent.
3.1.65	1	0-28 cm	1	nail (architectural); ferrous	06/12/13, FMM	19th-20th cent.
5.1.23	1	0-22 cm	2	nail (architectural), shotgun casing; ferrous	06/21/13, FMM	unk.
B.N100-E350	1	0-48 cm	3	nails and wire (architectural); ferrous	06/14/13, FMM	19th-20th cent.
B.N175-E100	1	0-25 cm	4	coal cinder (3), plastic (1)	06/14/13, PH	unk.
B.N200-E050	2	62-82 cm	1	nail (architectural); ferrous	06/14/13, SCH	19th-20th cent.
B.N200-E100	1	0-82 cm	31	roof tile (1), brick (1), nails (7), metal—bullet casing (1), ceramic (14—6 terracotta, 8	06/14/13, SCH	var.
B.N200-E150	1	0-34 cm	3	whiteware (1), nails (2)	06/14/13, SCH	19th-20th cent.
B.N225-E075	2	42-64 cm	17	nails (2), metal chain (1), flat/window glass (14)	06/14/13, SCH	19th-20th cent.
B.N250-E075	2	40-60 cm	4	bone (3), flat/window glass (1)	06/14/13, DB	unk.
B.N250-E100	2	20-30 cm	1	bone (animal); cut	06/14/13, DB	unk.
B.N250-E200	1	0-35 cm	6	misc. metal (4), ceramic (1), glass (1—food, serving)	06/14/13, SCH	19th-20th cent.
B.N350-E050	2	30-40 cm	1	ceramic (1—decorative tile)	06/25/13, SCH	unk.
C.N200-E075	1	0-5 cm	1	ceramic (1—stoneware)	07/01/13, DB	19th-20th cent.
C.N200-E100	1	0-28 cm	2	whiteware (1), glass (1); food—serving	06/23/13, DB	20th cent.
C.N200-E125	1	0-33 cm	7	ceramic (2—stoneware), flat glass (2), coal (2), slag (1)	07/01/13, FMM	19th-20th cent.
C.N200-E175	1	0-5 cm	1	ceramic (1—whiteware)	07/01/13, DB	19th-20th cent.
C.N225-E075	1	0-34 cm	2	brick frag. (2)	07/01/13, FMM	19th-20th cent.
C.N225-E125	0	surface	7	tile (4), brick frag. (2), mortar w/ brick frag. (1)	07/01/13, FMM	19th-20th cent.
C.N225-E125	1	0-41 cm	2	coal frag. (2)	07/01/13, FMM	unk.
C.N225-E150	1	0-5 cm	4	ceramic (2—stoneware), flat glass (1), vessel glass (1)	07/01/13, DB	19th-20th cent.
C.N225-E175	1	0-5 cm	4	flat glass (2), whiteware (2)	07/01/13, DB	19th-20th cent.
C.N225-E225	1	0-24 cm	8	metal button & assoc. frag.	07/01/13, FMM	19th cent.
C.N250-E075	1	0-10 cm	1	flat glass (1)	07/01/13, DB	19th-20th cent.
C.N250-E100	1	0-30 cm	8	mortar (7), flat limestone w/ mortar (1); architectural	06/25/13, FMM	unk.
C.N250-E125	1	0-20 cm	5	nail (1), staple (1), flat glass (1), mortar frag. (1), fabric strip (1)	07/01/13, DB	19th-20th cent.
C.N250-E150	1	0-30 cm	3	whiteware (food—serving), flat/window glass	06/25/13, FMM	19th-20th cent.

Shovel Test	Stratum	Depth	Count	Description	Comments	Date Range
C.N250-E175	1	0-20 cm	6	ceramic (2—whiteware), coal ash (1), coal (1—anthracite), flat glass (1), brick frag. (1)	07/01/13, SCH/TAK	19th-20th cent.
C.N275-E075	2	40-80 cm	9	ceramic (1—whiteware), bullet casing (1), vessel glass (1), nail frag. (1), brick frag. (1),	07/01/13, SCH	19th-20th cent.
C.N275-E100	1	0-20 cm	4	brick frag. (1), nail (1), ceramic (1), flat glass (1)	07/01/13, SCH/TAK	19th-20th cent.
C.N275-E125	1	0-20 cm	6	flat glass (2), vessel glass (1), ceramic (1—whiteware), ceramic (2—redware)	07/01/13, SCH/TAK	19th-20th cent.
C.N275-E175	1	0-20 cm	1	nail (1)	07/01/13, SCH	19th cent.
C.N275-E200	1	0-20 cm	3	flat glass (1), vessel glass (1), mortar sample (1)	07/01/13, SCH	19th-20th cent.
C.N300-E075	1	0-20 cm	7	ceramic (3—whiteware), flat glass (3), vessel glass (1)	07/01/13, SCH	19th-20th cent.
C.N350-E150	1	0-35 cm	2	metal axehead (1), shotgun casing (1)	06/25/13, SCH	var.
C.N450-E100	1	0-28 cm	5	nail (1), misc. metal (2), flat/window glass (1), rubber hose (1)	06/25/13, FMM	19th-20th cent.
C.N450-E150	1	0-30 cm	10	brick (4), clear vessel glass (2—food, serving), flat/window glass (1), slate	06/25/13, FMM	19th-20th cent.
C.N450-E250	1	0-27 cm	7	nails (architectural), plastic-coated wire; ferrous	06/25/13, FMM	19th-20th cent.
C.N450-E350	1	0-22 cm	4	nails and wire (architectural); ferrous	06/23/13, FMM	19th-20th cent.
U.1.30	1	0-43 cm	3	plaster frag. (1), ceramic (1), vessel glass (1)	07/03/13, FMM	19th cent.
U.1.66	1	0-18 cm	4	coal (2), ceramic (2)	07/08/13, FMM	19th-20th cent.
U.1.80	1	0-46 cm	1	stone w/concrete (architectural)	07/08/13, FMM	unk.

214 Total Artifacts

Appendix F:
NYSOPRHP Archeological Site Inventory Forms



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

(518) 237-8643

For Office Use Only—Site Identifier

Project Identifier: White Pine Commerce Park, Phase 1 Archeological Survey

Your Name: Francis M. McCormick/T. Arron Kotlensky, RPA/
Patrick J. Heaton, RPA/Grant Johnson

Date: June-July 2013

Address: 217 Montgomery St, Suite 1000
Syracuse, NY 13202

Phone: (315) 471-0688

Organization: EDR Environmental Services, LLC

1. SITE IDENTIFIER(S): Caughdenoy Road MDS 1

2. COUNTY: Onondaga One of the following: CITY
TOWNSHIP Clay
INCORPORATED VILLAGE
UNINCORPORATED VILLAGE OR HAMLET

3. PRESENT OWNER: Onondaga County Industrial Development Agency
Address: 333 W. Washington Street, Suite 130, Syracuse, New York 13202

4. SITE DESCRIPTION (check all appropriate categories): Structure/site

Superstructure: complete ☐ partial ☐ collapsed ☐ not evident ☒

Foundation: above ☒ below ☒ (ground level) not evident

☐ Structural subdivisions apparent ☐ Only surface traces visible

☐ Buried traces detected

List construction materials (be as specific as possible): concrete w/ iron rebar, fieldstones, cobblestones

Grounds

☐ Under cultivation ☐ Sustaining erosion ☐ Woodland ☐ Upland

☐ Never cultivated ☒ Previously cultivated ☐ Floodplain ☐ Pastureland

Soil Drainage: excellent ☐ good ☐ fair ☐ poor ☒

Distance to nearest water from structure (approx.): 260m

Elevation: 120m

5. SITE INVESTIGATION (append additional sheets, if necessary):

Surface Collection—date(s): _____ Site map (submit with form*)

Subsurface Testing—date(s): June-July 2013 (Submit plan of units with form*)

shovel ☒ coring ☐ other ☐ unit size 35-50cm

no. units 51

Excavation: unit size _____ no. of units _____ (Submit plan of units with form*)

* Submission should be 8 1/2" by 11", if feasible

Investigator: Patrick J. Heaton, RPA/T Arron Kotlensky, RPA (EDR Environmental Services, LLC)

Manuscript or published report (s) (reference fully):

EDR, 2013. *Phase 1 Archeological Survey, White Pine Commerce Park, Town of Clay, Onondaga County, New York*. Prepared for CHA and Onondaga County Industrial Development Agency, Syracuse, NY.

Present repository of materials: EDR, Syracuse, New York

6. SITE INVENTORY:

a. Date constructed or occupation period: 1850s-1960s/1970s

b. Previous owners, if known:

Henry Summers (ca. 1850s-1860s)

Isaac Van Vleck (ca. 1870s-1890s)

c. Modifications, if known (append additional sheets, if necessary):

7. SITE DOCUMENTATION (append additional sheets, if necessary):

a. Historic map references

1) Name: Fagan Map of Onondaga County
Source: Onondaga Historical Association

Date: 1854

Present location of original: Syracuse, NY

2) Name: Sweet Map of Onondaga County
Source: Ancestry.com

Date: 1860

Present location of original:

3) Name: Sweet Map of Onondaga County
Source: Ancestry.com

Date: 1874

Present location of original:

4) Name: Sweet Map of Onondaga County
Source: Onondaga Historical Association

Date: 1889

Present location of original: Syracuse, NY

5) Name: USGS Topographical Map: Syracuse, NY
Source: United States Geological Survey

Date: 1898

Present location of original: Washington, D.C.

6) Name: USGS Topographical Map: Brewerton, NY
Source: United States Geological Survey

Date: 1943

Present location of original: Washington, D.C.

b. Representation in existing photography: none identified

c. Primary and secondary source of documentation (reference fully):

Caughdenoy Road MDS 1 is first identified in the 1854 *Fagan Map of Onondaga County*, which identifies the structure as belonging to an H. Summer (almost certainly the Henry Summers listed in the 1850 census (U.S. Census Bureau, 1850). H. Summers is listed as the resident of this location in the 1860 *Sweet Map of Onondaga County*. However, the 1874 *Sweet Map of Onondaga County* and the 1889 *Sweet Map of Onondaga County* list I. Van Vleck, most likely the Isaac Van Vleck identified by the 1870 census as a farmer in the Town of Clay, as the resident of this property. The house and garage stood (vacant) on the site ca. 2004 but were demolished before about 2008 (see EDR report).

d. Persons with memory of site

1) Name M. Provo Address Jerome Fire Equipment Co., Inc., Caughdenoy Road, Clay, NY

8. LIST OF MATERIAL REMAINS (be as specific as possible in identifying object and material):

The Caughdenoy Road MDS 1 site contains the probable remnants of a house, garage, barn, silo, and well. In total, 71 artifacts were recovered from 10 shovel tests at the site. Almost all of the artifacts recovered from the site were from shovel tests located in the immediate vicinity of either Feature B1 (the garage foundation) or the former house site. The majority of recovered artifacts were ceramic, glass, and metal, including white earthenware, flower pot terracotta, architectural metal/hardware (primarily wire nails), flat/window glass with smaller quantities of serving/vessel glassware fragments, and miscellaneous/unidentified metal fragments. A few bone fragments were recovered, including one piece of cut bone, several pieces of coal ash, one piece of plastic, one .22 caliber cartridge, a fragment of roof tile, and one decorative ceramic tile fragment. No prehistoric artifacts were recovered during the survey of the site. Artifacts recovered from the site date between the second half of the nineteenth century and the mid-to-late twentieth century.

In addition, as described above there is a series of push-piles located east of the former house site. Scattered piles of domestic refuse are distributed on the ground surface across and around these push piles. This refuse includes metal buckets, paint cans, metal drums/barrels, box-springs, metal hardware (bolts, rods, and cables), agricultural implements, automobile/truck parts, rubber tires, concrete blocks/fragments, butchered bone fragments, canning and mason jars, stoneware crocks, plastic jugs/bottles, and glass bottles. In general, the dates of the materials included in this scattered rubbish are consistent with the assumed abandonment of the property, i.e., during the mid to late twentieth century. Based on the terminal dating of the artifact assemblage, the house site was may have been abandoned as early as the 1960s or 1970s.

If prehistoric materials are evident, check here and fill out prehistoric site form. N/A

9. MAP REFERENCES: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8½" x 11", if possible.

USGS 7.5 Minute Series Quadrangle Name: Brewerton, NY

UTM Coordinates: (NAD83 UTM Zone 18T: Easting 405212.08; Northing 4782881.46)

10. PHOTOGRAPHY (optional for environmental impact survey): See referenced report.



NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

(518) 237-8643

For Office Use Only—Site Identifier

Project Identifier: White Pine Commerce Park, Phase 1 Archeological Survey

Your Name: Francis M. McCormick/T. Arron Kotlensky, RPA/
Patrick J. Heaton, RPA/Grant Johnson

Date: June-July 2013

Address: 217 Montgomery St, Suite 1000
Syracuse, NY 13202

Phone: (315) 471-0688

Organization: EDR Environmental Services, LLC

1. SITE IDENTIFIER(s): Caughdenoy Road MDS 2

2. COUNTY: Onondaga One of the following: CITY
TOWNSHIP Clay
INCORPORATED VILLAGE
UNINCORPORATED VILLAGE OR HAMLET

3. PRESENT OWNER: Onondaga County Industrial Development Agency
Address: 333 W. Washington Street, Suite 130, Syracuse, New York 13202

4. SITE DESCRIPTION (check all appropriate categories): Structure/site
Superstructure: complete ☐ partial ☐ collapsed ☐ not evident ☒
Foundation: above ☒ below ☒ (ground level) not evident ☐
☐ Structural subdivisions apparent ☐ Only surface traces visible
☐ Buried traces detected
List construction materials (be as specific as possible): concrete w/ iron rebar, fieldstones, cobblestones

Grounds

☐ Under cultivation ☐ Sustaining erosion ☐ Woodland ☐ Upland
☐ Never cultivated ☒ Previously cultivated ☒ Floodplain ☐ Pastureland
Soil Drainage: excellent ☐ good ☐ fair ☐ poor ☒
Distance to nearest water from structure (approx.): 475m
Elevation: 123m

5. SITE INVESTIGATION (append additional sheets, if necessary):

Surface Collection—date(s): _____ Site map (submit with form*)
Subsurface Testing—date(s): June-July 2013 (Submit plan of units with form*)
shovel ☒ coring ☐ other ☐ unit size 35-50cm
no. units 85

Excavation: unit size _____ no. of units _____ (Submit plan of units with form*)

* Submission should be 8 1/2" by 11", if feasible

Investigator: Patrick J. Heaton, RPA/T. Arron Kotlensky, RPA (EDR Environmental Services, LLC)

Manuscript or published report (s) (reference fully):

EDR, 2013. *Phase 1 Archeological Survey, White Pine Commerce Park, Town of Clay, Onondaga County, New York*. Prepared for
CHA and Onondaga County Industrial Development Agency, Syracuse, NY.

Present repository of materials: EDR, Syracuse, New York

6. SITE INVENTORY:

a. Date constructed or occupation period: 1854-1943

b. Previous owners, if known:

Cornelius Mogg (1850s)

William H. Muir Ostrander (1860s)

Irving Freeman (1870s-1890s)

c. Modifications, if known (append additional sheets, if necessary):

7. SITE DOCUMENTATION (append additional sheets, if necessary):

a. Historic map references

1) Name: Fagan Map of Onondaga County
Source: Onondaga Historical Association

Date: 1854
Present location of original: Syracuse, NY

2) Name: Sweet Map of Onondaga County
Source: Ancestry.com

Date: 1860
Present location of original:

3) Name: Sweet Map of Onondaga County
Source: Ancestry.com

Date: 1874
Present location of original:

4) Name: Sweet Map of Onondaga County
Source: Onondaga Historical Association

Date: 1889
Present location of original: Syracuse, NY

5) Name: USGS Topographical Map: Syracuse, NY
Source: United States Geological Survey

Date: 1898
Present location of original: Washington, D.C.

6) Name: USGS Topographical Map: Brewerton, NY
Source: United States Geological Survey

Date: 1943
Present location of original: Washington, D.C.

b. Representation in existing photography: none identified

c. Primary and secondary source of documentation (reference fully):

Caughdenoy Road MDS 2 is first identified in the 1854 Fagan *Map of Onondaga County* as belonging to C. Mogg, most likely Cornelius Mogg listed in the 1850 census as a carpenter and resident of the Town of Clay (U.S. Census Bureau, 1850). By 1860, the site had become the property of a W. H. Ostrander, and the site as the location of a cigar manufactory. Though the 1860 census lists W. H. Ostrander's occupation as a farmer, it also identifies a cigar manufacturer named William L. Coughtry as living in that residence (U.S. Census Bureau, 1860). In the latter half of the 19th century, cigar manufacturing became a prominent industry in what is now Clay. However, by 1874 no cigar manufactory was located at Caughdenoy Road MDS 2, which was listed as the property of I. Freeman—most likely the Irving Freeman listed in the 1870 census as a farmer in the Town of Clay (U.S. Census Bureau, 1870). In the 1960s the property was purchased by the Lombardy Tank Company. The primary house structure on the property, which was described as a one-story building constructed of hewn timbers, burned down by 1970 – possibly as a result of lightning strike. The barn associated with the property was later taken down in the early 1990s (see EDR report).

d. Persons with memory of site:

1) Name: Lyle Young

Address: Clay Historical Association

2) Name: Dorothy Heller

District #5 School House

8561 Van Hoesen Road

Clay, NY 13041

8. LIST OF MATERIAL REMAINS (be as specific as possible in identifying object and material):

Artifacts were recovered from a total of 26 shovel tests, with 121 artifacts recovered from the site. The majority of artifacts were recovered from shovel tests located in the immediate vicinity of the presumed house site and to a lesser extent the area associated with the barn foundation and silo (Features C1 and C2, respectively). Artifacts recovered from the site include ceramic, glass (flat and vessel glass fragments), metal hardware (principally architectural in nature), brick fragments and mortar remains, including pieces of stone and brick with mortar attached. The ceramic fragments include whiteware, with a few pieces of very thick, salt-glazed stoneware and two pieces of redware/terracotta. There were approximately twice as many fragments of flat glass as vessel glass, and the majority of metal fragments were architectural hardware (nails, staples, wires, and other forms). Some samples of coal fragments and slag were also recorded, which is consistent with the reported burning of the house at the site during the late 1960s. Miscellaneous artifacts that were recovered include a button, a bullet casing, a modern plastic and metal shotgun casing, a plastic-coated wire, an enameled metal sign, and a large, historic axe head. No prehistoric artifacts were recorded. The assemblage of artifacts recovered and observed at the site date from the second half of the nineteenth century to the middle-late twentieth century.

The features and artifact assemblage observed at (and recovered from) the site reflect domestic use and agricultural production consistent with the map documented dates of occupation of the site. Features C1, C2, C3, and C4 are all clearly modern (twentieth-century) features. Although at least one occupant of the site during the mid-nineteenth-century was reported to be a cigar manufacturer, no artifacts or features associated with that trade were identified at the site. The burning and disturbed soils observed in shovel tests in the former area of the house on the site are consistent with the reported burning of the house during the late 1960s.

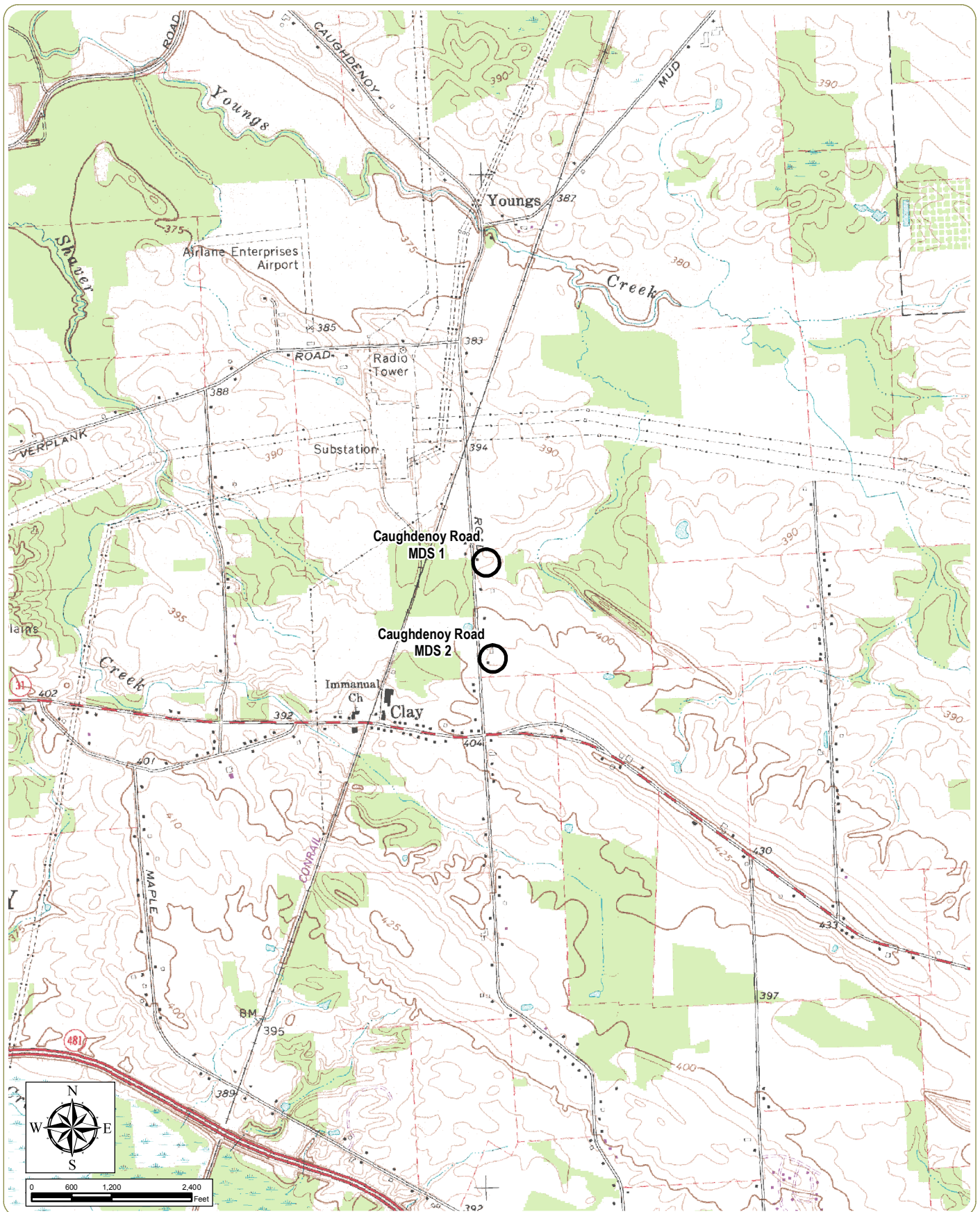
If prehistoric materials are evident, check here and fill out prehistoric site form. N/A

9. MAP REFERENCES: Map or maps showing exact location and extent of site must accompany this form and be identified by source and date. Keep this submission to 8½" x 11", if possible.

USGS 7.5 Minute Series Quadrangle Name: Brewerton, NY

UTM Coordinates: (NAD83 UTM Zone 18T: Easting 405249.25; Northing 4782397.47)

10. PHOTOGRAPHY (optional for environmental impact survey): See referenced report.



White Pine Commerce Park

Town of Clay, Onondaga County, New York

Archeological Sites

September 2013

Notes: Basemap: 1978 USGS 1:24,000 Topographic Quadrangle, Brewerton.

 Map Documented Structure (MDS)