EXHIBIT PETITIONER AM-3

PHASE I ARCHAEOLOGICAL IDENTIFICATION SURVEY VELCO FRANKLIN COUNTY LINE UPGRADE PROJECT

Towns of Highgate, Georgia, Saint Albans, and Swanton
Franklin County, Vermont

REDACTED VERSION

Prepared for:

vermont electric power company
VELCO

Vermont Electric Power Company
366 Pinnacle Ridge Road
Rutland, Vermont 05701

Prepared by:

WSP USA Inc.
433 River Street, 7th Floor
Troy, New York 12180

October 17, 2023

Phase I Archaeological Identification Survey
VELCO Franklin County Line Upgrade Project

Towns of Highgate, Georgia, Saint Albans, and Swanton
Franklin County, Vermont

THIS REPORT CONTAINS CONFIDENTIAL INFORMATION
NOT FOR PUBLIC DISTRIBUTION

Prepared for:

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October 17, 2023

Abstract

On behalf of the Vermont Electric Power Company (VELCO), WSP USA Inc. (WSP) completed a Phase I Archaeological Identification Survey for the VELCO Franklin County Line Upgrade Project in the Towns of Highgate, Georgia, Saint Albans, and Swanton in Franklin County, Vermont. VELCO plans to replace the existing 16.6-mile 115kV transmission line from 1958, which will require obtaining approval from the Public Utility Commission through a Certificate of Public Good and documentation addressing the §248 Historic Sites criterion. The project area consists of the existing transmission line right-of-way (ROW), which is 45.7 meters (150 feet) wide and approximately 26.7 kilometers (16.6 miles) long, and includes off-ROW access roads, alternate access areas, parcels, and mat staging and storage locations. This project area serves as the Area of Potential Effects (APE), measuring approximately 171.6 hectares (424.1 acres). The terms *project area* and *APE* are used interchangeably throughout the report.

The goals of the current archaeological identification survey were to inspect the project area to confirm areas of archaeological sensitivity and to conduct field inspection and subsurface testing to identify archaeological resources in the defined APE. Background research was completed to support the project.

Background research identified 40 previously recorded sites within 1.6 kilometers (1 mile) of the project area. They consist of 32 pre-Contact sites, seven post-Contact sites, and one site with both pre-Contact and post-Contact components. Five of the sites are located in the project area: Sites VT-FR-0202, VT-FR-0185/0223, VT-FR-0203, TS 1834.08-14, and VT-FR-0459 (TS-1834.08.13). Twenty-nine cultural resource surveys have been conducted in the project area vicinity, 11 of which cover a portion of the project area.

WSP excavated a total of 2,456 shovel tests throughout the APE. Sections of the APE contained slope greater than 15 percent as well as bedrock outcroppings and disturbed sections, and these areas were not shovel tested. Shovel test locations plotted but not excavated owing to standing water, exposed bedrock, or other obstacles are labeled *unexcavated shovel test* on report maps. Subsurface testing recovered pre-Contact and post-Contact (historic) artifacts representing one of the previously recorded sites (VT-FR-0459) and four new sites (VT-FR-0458, TS 1834-03, TS 1834-04, and TS 1834-05).

In WSP's opinion there is no need for additional archaeological investigation or avoidance of previously recorded Sites VT-FR-0202 near Structure 416, VT-FR-0185/0223 near Structure 415, VT-FR 0203 near Structure 412, TS-1834.08.14 near Structure 251, VT-FR-0459 (TS-1834.08.13) near Structures 221 and 222, newly identified Site TS 1834-03 near Structure 414, newly identified Site TS 1834-04 found near Structure 297, and the isolated finds near Structure 243. It is WSP's opinion that at newly identified Site TS 1834-05 near Structure 247, ground disturbance in the area between the cornfield and compost pile should be avoided by using mats or stone on fabric. It is WSP's understanding that the landowner has stated that he will be turning or moving the compost pile. If the landowner moves the compost, the use of mats or stone on fabric should be used to safeguard any untested areas. Site VT-FR-0458 near Structure 244 should also be avoided. It is WSP's understanding that project work in this area has been planned to avoid the archaeological site. Measures to protect this site should include barricades, signage, and adequate identification of the site on project plans. If unanticipated project changes occur and work does need to occur in this area, measures such as matting or stone on fabric should be used to provide protection.

No further archaeological work is required for the rest of the project area. If the above conditions (i.e., avoidance of the one newly found potentially National Register-eligible site and mitigating ground disturbance with temporary matting or stone on fabric) are met, the FCLU Project will cause no undue adverse effects to any historic sites or National Register-eligible sites.

SUMMARY OF WORK AND PROTECTIONS NEEDED

LOCATION	CLOSEST STRUCTURE	SITE NUMBER / NAME	CULTURAL MATERIALS	PERIOD	PREVIOUSLY RECORDED	SIGNIFICANT	PROTECTIONS NEEDED	JUSTIFICATION
W of VT 207, North of Missisquoi River in Highgate Center	416	VT-FR-0202	No information except location	Pre-Contact	Yes	No	No	Further testing found nothing; site may not be associated with this structure
Slightly downstream of Highgate Falls	415	VT-FR-0185/0223 (Dalcourt)	27 flakes, 17 rocks, 5 bones	Both	Yes	No	No	Further testing found nothing; site may not be associated with this structure
8 meters W of Baker Rd, S and adjacent to mobile home at 228 Baker Rd.	414	TS 1834-03	Ceramics, glass, nails, other material	Post-Contact	No	No	No	No intact deposits; site lacks integrity
Roughly 500 meters downstream of Highgate Falls, on grass-covered area and wooded area on a floodplain of the Missisquoi River	412	VT-FR-0203	Flakes, projectile, rocks, fragments	Pre-Contact	y	No	No	Further testing found nothing; appears site does not extend to within ROW
Maple Ridge Rd	297	TS 1834-04	Chert flakes, ceramic fragments, square nails	Both	No	No	No	No intact deposits, site lacks integrity
W of Mill River in Town of Georgia	251	TS 1834.08-14	Single chert flake	Pre-Contact	Yes	No	No	Further testing found nothing, deemed ineligible in 2016
100 m W of Str 247 near compost pile	247	TS 1834-05	Stone flakes/fragments	Pre-Contact	No	Undetermined	Yes	Protection with matting to preserve possible intact deposits
NW of Str 244, 45m east of Mill River	244	VT-FR-0458 (TS 1834-02)	Chert, tools, flakes	Pre-Contact	No	Undetermined	Yes	Avoidance—relative degree of intact cultural deposits, varied material and artifact types
Within off-ROW access between Str 243 and Polly Hubbard Rd	243	Isolated Find	One chert flake	Both	No	No	No	Isolated find

SUMMARY OF WORK AND PROTECTIONS NEEDED (continued)

LOCATION	CLOSEST STRUCTURE	SITE NUMBER / NAME	CULTURAL MATERIALS	PERIOD	PREVIOUSLY RECORDED	SIGNIFICANT	PROTECTIONS NEEDED	JUSTIFICATION
Within off-ROW access between Str 243 and Polly Hubbard Rd	243	Isolated Find	Two coffin nails	Both	No	No	No	Isolated find
S of Pattee Hill Rd, Town of Georgia	221-222	VT-FR-0459 (TS 1834.08-13)	Ceramics, flakes	Both	Yes	No	No	Artifacts lacked diversity, were dispersed, and came from disturbed plowzone context

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I. Introduction

A. General Project Overview

On behalf of the Vermont Electric Power Company (VELCO), WSP USA Inc. (WSP) completed a Phase I Archaeological Identification Survey for the VELCO Franklin County Line Upgrade Project in the Towns of Highgate, Georgia, Saint Albans, and Swanton in Franklin County, Vermont (Figure 1). VELCO plans to perform upgrades to the K42 line, which will require obtaining approval from the Public Utility Commission through a Certificate of Public Good and documentation addressing the §248 Historic Sites criterion. The project will require earth disturbance for structure replacement, anchor replacement, and associated grounding for poles and anchors. Overland travel and earth disturbance will also be needed for access roads for the safe and efficient transport of construction and maintenance equipment in the right-of-way (ROW).

The project area consists of the existing transmission line right-of-way (ROW), which is 45.7 meters (150 feet) wide and approximately 26.7 kilometers (16.6 miles) long, and also includes the off-ROW access roads, alternate access areas, parcels, and mat staging and storage locations. This project area serves as the Area of Potential Effects (APE), measuring approximately 171.6 hectares (424.1 acres).The terms *project area* and *APE* are used interchangeably throughout the report.

B. Scope of Services

The goals of the current archaeological identification survey were to inspect the project area to confirm archaeological sensitivity and to conduct subsurface testing to identify archaeological resources in the defined APE. The survey included background research, field inspection, and subsurface testing.

All cultural resource services were performed using professional guidelines and standards set forth in the *Procedures for the Protection of Historic and Cultural Properties* (36 CFR § 800) and the *Procedures for Determining Site Eligibility for the National Register of Historic Places* (36 CFR § 60 and § 63). This investigation also conformed to the Secretary of the Interior's *S*tandards for Archaeology and Historic Preservation (48 *Federal Register* 44716) and *Guidelines for Conducting Archaeology in Vermont* (Vermont Division for Historic Preservation [VDHP] 2017). The cultural resource specialists who performed this work satisfy the Secretary of the Interior's Professional Qualifications standards as specified in 36 CFR § 66.3(6)(2).

This report has been organized into six chapters. After the introduction in Chapter I, Chapter II provides an environmental setting for the project. Chapter III discusses the cultural context for the project area, including archaeological sites and previous cultural resource management surveys in the project vicinity. Chapter IV details the methods and results of the archaeological survey. Chapter V provides the conclusions and recommendations. Chapter VI lists the references cited.

The survey was conducted under the direction and supervision of Lauren Hayden, Senior Archaeologist (Registered Professional Archaeologist [RPA] 10505). WSP Archaeologist Tony Fitzpatrick (RPA 989652) and Tracey Jones, Senior Field Supervisor (Registered Archaeologist [RA] 28085) supervised Field Archaeologists Nicholas Brown, Andrei Burul, Garret Hatch, Liam Peterson, Jackie Poveromo, and Bronson Wistuk in conducting the fieldwork in 2022, and archaeologists Jamie Meinsen, Thomas Blaber, Nicholas Brown, Andrew LeBoeuf, Nick Bucci, and Connor Brennan in 2023. WSP Architectural Historian Austin White assisted in the field. Mr. Fitzpatrick completed the requisite background research and wrote the report. Principal Cartographer/GIS Analyst Jacqueline L. Horsford, GIS Analyst Rose Micke, and Research Analyst Sabrina Jones prepared the graphics, and Principal Editor Anne Moiseev

edited the report. Andrew McMillan, VELCO Senior Environmental Specialist, was point-of-contact for the WSP crew while in the field.

FIGURE 1: Location of Project Area (ESRI USA Topo Maps 2019)

II. Environmental Setting

A. General Setting

The project area lies within the Champlain Lowlands physiographic region with the Green Mountains to the east and Lake Champlain and the Adirondack Mountains to the west. The Champlain Lowlands are about 160 kilometers (100 miles) long, between 8 to 32 kilometers (5 to 20 miles) wide and run from the Canadian border to the Poultney River in West Haven. This region consists of a down-faulted trough defined by rolling country with hills, low mountains, and north-to-south trending ridges, as well as flat lakeshore terraces and river floodplains. The major rivers flowing through the Champlain Lowlands include the Otter Creek, Winooski, Lamoille, and Missisquoi (Thomas 1991:2-2),

B. Project Area Soils

Soil type plays an important role in determining the distribution of human groups on a large scale and settlement locations on a small scale. Certain types of soils were preferred over others by pre-Contact Native Americans and early post-contact settlers alike. Quite often, vegetation indicators were surveyed to determine soil fertility and moisture prior to migration and frontier settlement. Soil acidity, drainage, and deposition play a major role in the way that sites were formed and subsequently preserved.

Soils in the APE, and the New England region in general, are relatively young, as older soils were stripped from the surface along with the majority of sediments by glacial ice. The soils found there today have formed primarily in sediments that were deposited by, or after, the retreat of glacial ice. A review of the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) data provides soil information for the project APE (USDA-NRCS 2019) (Table 1). The most prevalent soil types are the Farmington-Rock outcrop complex, 6 to 15 percent slopes (12.62 percent of the APE), the Farmington-Rock outcrop complex, 15 to 60 percent slopes (8.63 percent of the APE), and the Scantic silt loam, 0 to 3 percent slopes (8.23 percent of the APE).

Most soil types found in the APE originated in glacial deposits, ranging from outwash and till to finer-grained glaciofluvial and glaciolacustrine. To a lesser extent, glacial marine and aeolian deposits are also present, with little post-glacial alluvium. This shows that the APE is indeed located in a landscape that has been heavily dominated by the last glacial period. This landscape is unlikely to have experienced much in the way of new sedimentation beyond the alluvial areas, indicating that archaeological deposits that have been minimally disturbed are likely to be located relatively close to the modern ground surface in many locations.

TABLE 1: MAPPED SOIL SERIES IN PROJECT AREA

SERIES/SYMBOL	DRAINAGE	SLOPE %	APE %	SETTING	ORIGIN
Au Gres loamy fine sand (AuA)	Somewhat poorly drained	0-6	1.93	Ice margin complexes, kame moraines, stream terraces, outwash plains, lake plains, lake terraces, ground moraines	Sandy fluvial and lacustrine deposits
Binghamville silt loam (Bg)	Poorly drained	Not provided	3.59	Glacial lake plains	Silty glacial lacustrine deposits
Copake fine sandy loam (CpB)	Well drained	2-8	2.46	Outwash plains, terraces, kames, eskers, and moraines	Loamy mantled stratified drift and glacial outwash

SERIES/SYMBOL	DRAINAGE	SLOPE %	APE %	SETTING	ORIGIN
Deerfield loamy fine sand (DeB)	Moderately well drained	0-8	0.22	Terraces, deltas, and outwash plains	Glaciofluvial deposits
Deerfield loamy fine sand (DeC)	Moderately well drained	8-15	0.10	Terraces, deltas, and outwash plains	Glaciofluvial deposits
Eldridge loamy fine sand (EdA)	Moderately well drained	0-3	1.46	Glacial lake plains, terraces, and glacial outwash areas	Sandy glaciofluvial or aeolian deposits
Eldridge loamy fine sand (EdB)	Moderately well drained	3-8	1.35	Glacial lake plains, terraces, and glacial outwash areas	Sandy glaciofluvial or aeolian deposits
Enosburg loamy fine sand (EnA)	Poorly drained	0-3	0.34	Glacial lake and outwash plains	Glaciofluvial or aeolian deposits
Enosburg loamy fine sand (EnB)	Poorly drained	3-8	4.52	Glacial lake and outwash plains	Glaciofluvial or aeolian deposits
Farmington loam, very rocky (FaB)	Somewhat excessively drained	3-8	1.38	Glaciated uplands	Glacial till deposits
Farmington loam, very rocky (FaC)	Somewhat excessively drained	8-15	2.54	Glaciated uplands	Glacial till deposits
Farmington-Rock outcrop complex (FmC)	Somewhat excessively drained	6-15	12.62	Glaciated uplands	Glacial till deposits
Farmington-Rock outcrop complex (FmD)	Somewhat excessively drained	15-60	8.63	Glaciated uplands	Glacial till deposits
Georgia extremely stony loam (GrB)	Moderately well drained	0-8	1.89	Glaciated uplands	Glacial till deposits
Georgia stony loam (GeA)	Moderately well drained	0-3	0.57	Glaciated uplands	Glacial till deposits
Georgia stony loam (GeB)	Moderately well drained	3-8	2.40	Glaciated uplands	Glacial till deposits
Georgia stony loam (GeB)	Moderately well drained	8-15	0.15	Glaciated uplands	Glacial till deposits
Hinesburg loamy fine sand (HbE)	Well drained	25-60	1.31	Lake plains and deltas	Lacustrine deposits
Kingsbury clay (KbA)	Somewhat poorly drained	0-3	0.43	Lake plains	Lacustrine or marine deposits
Limerick silt loam (Le)	Poorly drained	Not provided	1.21	Floodplains	Alluvial deposits
Lordstown loam, rocky (LoB)	Well drained	3-8	4.55	Glaciated dissected plateaus	Glacial till deposits
Lordstown loam, rocky (LoC)	Well drained	8-15	0.69	Glaciated dissected plateaus	Glacial till deposits
Lordstown-Rock outcrop complex (LrC)	Well drained	5-15	3.06	Glaciated dissected plateaus	Glacial till deposits
Lordstown-Rock outcrop complex (LrC)	Well drained	15-25	2.75	Glaciated dissected plateaus	Glacial till deposits
Lordstown-Rock outcrop complex (LrD)	Well drained	25-60	0.05	Glaciated dissected plateaus	Glacial till deposits
Lyons stony loam (Ly)	Very poorly drained	Not provided	0.76	Glaciated uplands	Glacial till deposits

SERIES/SYMBOL	DRAINAGE	SLOPE %	APE %	SETTING	ORIGIN
Massena extremely stony loam (MnA)	Somewhat poorly drained	0-6	4.36	Glaciated uplands	Glacial till deposits
Massena stony loam (MeA)	Somewhat poorly drained	0-3	3.61	Glaciated uplands	Glacial till deposits
Massena stony loam (MeB)	Somewhat poorly drained	3-8	1.28	Glaciated uplands	Glacial till deposits
Missisquoi loamy sand (MsC)	Excessively drained	0-3	0.30	Terraces	Glacial outwash
Missisquoi loamy sand (MsC)	Excessively drained	8-15	0.50	Terraces	Glacial outwash
Missisquoi loamy sand (MsD)	Excessively drained	15-25	0.68	Terraces	Glacial outwash
Missisquoi loamy sand (MsC)	Excessively drained	25-80	0.27	Terraces	Glacial outwash
Munson silt loam (MuB)	Somewhat poorly drained	3-8	0.02	Lake or marine plains	Lacustrine or marine deposits
Podunk variant silt loam (Pu)	Moderately well drained	Not provided	0.41	Flood plains	Alluvial deposits
Raynham silt loam (RaB)	Poorly drained	3-8	3.20	Glacial lake plains and marine terraces	Estuarine or glaciolacustrine deposits
Rumney variant silt loam (Ru)	Poorly drained	Not provided	0.81	Floodplains	Alluvial deposits
Scantic silt loam (ScA)	Poorly drained	0-3	8.23	Coastal lowlands and river valleys	Glaciomarine or glaciolacustrine deposits
Scantic silt loam (ScB)	Poorly drained	3-8	0.42	Coastal lowlands and river valleys	Glaciomarine or glaciolacustrine deposits
Saint Albans slaty loam (SaA)	Well drained	0-3	0.39	Glaciated uplands	Glacial till deposits
Saint Albans slaty loam (SaB)	Well drained	3-8	3.80	Glaciated uplands	Glacial till deposits
Saint Albans slaty loam (SaB)	Well drained	8-15	0.08	Glaciated uplands	Glacial till deposits
Saint Albans very stony loam (SbC)	Well drained	8-15	0.32	Glaciated uplands	Glacial till deposits
Terric Medisaprists (Tm)	Very poorly drained	Not provided	0.96	Depressions on floodplains and till plains	Not provided
Wareham loamy fine sand (Wh)	Poorly drained	Not provided	1.47	Outwash plains, deltas, and stream terraces	Glaciofluvial deposits
Windsor loamy fine sand (WsA)	Excessively drained	0-3	1.74	Glaciofluvial landforms, including dunes	Sandy outwash or aeolian deposits
Windsor loamy fine sand (WsB)	Excessively drained	3-8	4.57	Glaciofluvial landforms, including dunes	Sandy outwash or aeolian deposits
Windsor loamy fine sand (WsC)	Excessively drained	8-15	0.46	Glaciofluvial landforms, including dunes	Sandy outwash or aeolian deposits
Windsor loamy fine sand (WsD)	Excessively drained	15-25	<0.01	Glaciofluvial landforms, including dunes	Sandy outwash or aeolian deposits
Windsor loamy fine sand (WsE)	Excessively drained	25-60	0.86	Glaciofluvial landforms, including dunes	Sandy outwash or aeolian deposits

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C. Environmental History of Vermont

Paleoecologists have constructed the environmental history of Vermont from a variety of sources, including pollen cores, sedimentation histories, and faunal collections. The ruggedness of Vermont and the pronounced differences in elevation across its landscape have resulted in regional contrasts in vegetation, creating a "patchy" landscape. Today it is possible to find tundra at a few thousand feet on the highest peaks of the Green Mountains in contrast with the deciduous and coniferous vegetation in lowlands to the east and west (VDHP 1991).

Before 13,500 years ago, glacial ice largely covered present-day Vermont. Within a thousand years the glaciers had moved north of the St. Lawrence lowland, and in their wake grew a landscape of moss, lichens, and stunted shrubs. A frigid arctic climate prevailed, leaving the ground frozen for most of year. By about 12,000 years before present (BP), most of Vermont was an herb-to-spruce zone, with higher elevations following about 500 to 1,000 years later. Fauna during this period likely included wooly mammoths, mastodons, moose, elk, herds of caribou, and musk ox, as well as smaller arctic animals such as ptarmigan, arctic shrews, and lemmings. By 11,000 BP a subarctic climate dominated the region. Before the end of the 11th millennium BP, the Champlain Sea was drained. This sea once covered an area about twice the size of present-day Vermont and may have provided Vermont's earliest human settlers with many resources (Thomas 1991).

With the close of the Pleistocene (the last ice age), an open park-like woodland of largely spruce, fir, and birch moved into Vermont's lowlands and then into the mountains by the following millennium. Evidence exists of larch and alder in wet lowlands and beech, oak, ash, and maple in the better drained bottomland and low hills of the Champlain and Connecticut Valleys. These changes led to growth in the populations of many animals that today live in Vermont, including moose, beaver, lynx, porcupine, snowshoe rabbit, spruce grouse, mice, voles, and other animals that likely came in from the south (Thomas 1991).

Pollen cores indicate a sharp increase by 9000 BP in the amount of white pine, hemlock, oak, poplar, elm, ash, sweet gale, and ferns throughout Vermont. The presence of pine-dominated forests indicates a warming trend, and thin alluvial beds on floodplains from this period suggest low precipitation rates (Thomas and Dillon 1983). Pollen cores illustrate a drop in the rates of red, jack, pitch, and white pine pollen and a rise in the amount of oak, beech, birch, sugar maple, elm, and ash pollen within a thousand years, indicating the beginning of a Temperate Oak Forest (Thomas 1991:2-4).

Different strands of evidence from the Upper Midwest and the Northeast reveal that between 7500 and 5300 BP, the climate was fairly warm. Along the Missisquoi River, evidence of rapid sedimentation and increased channel migration between 6500 and 5400 BP indicates a higher level of rainfall. Other evidence of a wetter environment includes high rates of hemlock and beech pollen deposition as well as beech, cedar, maple, and hemlock logs found along the Missisquoi floodplain and dating to this time period (Brakenridge 1988; COHMAP Members 1988; Thomas and Dillon 1983).

After 6500 BP the mixed deciduous-coniferous forest in the lowlands of eastern and western Vermont provided good habitat for deer, bear, wolf, raccoon, otter, fox, gray squirrel, wild turkey, and passenger pigeon. In the higher, mountainous elevations of central Vermont, spruce-fir-northern hardwood forests were home to moose, elk, and possibly small herds of woodland caribou (Thomas 1991:2-10).

After 5000 BP hemlock steeply declined and oak and hickory increased (Whitehead and Bentley 1963), possibly indicating the onset of drier conditions. Evidence of drier conditions includes a lack of substantial alluvial deposits along floodplains of the Missisquoi River (Brakenridge 1988; Thomas and Dillon 1983), and an apparent drop in the water table of Shelburne Pond in the Champlain Lowlands of

Vermont (Carr et al. 1977). The climate was probably between 2 and 4 degrees centigrade higher than today (Dincauze 1989). Chestnut appeared after about 2000 BP. The dominance of oak continues in Vermont's forests today.

Temperatures likely became cooler after about 2800 BP, and precipitation increased until about AD 270. These changes led to greater quantities of spruce and fir at higher elevations and a general increase in pine in the lowlands (Bernabo and Webb 1977; Whitehead and Bentley 1963). Warmer temperatures then returned during the first millennium AD, with a rise in precipitation after about AD 750 (Swain 1978). After AD 1050 drought conditions and higher temperatures prevailed. Evidence of lower water tables, a decrease in stream flow and frequency, and the duration of flooding demonstrate that the period between AD 1000 and 1200 may have been the warmest in Vermont in over 2,000 years. Between ca. AD 1550 and 1850, cooler and moister conditions came with the so-called "Little Ice Age" (Thomas 1991:2-9).

III. Cultural Context

This section outlines the pre-Contact (ca. 13,000 to 1400 BP), Contact (ca. AD 1600 BP to 1750), and post-Contact period (ca. AD 1750 to present) cultural contexts for the project area, within a chronological framework based on broadly recognized patterns of change in human settlement and subsistence, technological adaptations, and historical development trends. Cultural subdivisions for the pre-Contact period in northern New England derive from regional and statewide archaeological data and include the Paleoindian (ca. 13,000 to 9500 BP), Archaic (ca. 9500 to 3000 BP), and Woodland periods (ca. 3000 to 450 BP). The Contact period and early European/Euro-American settlement of the region coincide with the end of the Late Woodland period and mark a time of widespread socio-political change for Native communities across the region, as explorers, traders, missionaries, and settlers pressed past the eastern reaches of the continent and explored the interior.

A. Pre-Contact Background

1. Paleoindian Period (13,000 to 9500 BP)

The earliest known archaeological remains in Vermont date to the Paleoindian period. These sites were created by small groups of hunter-gatherers who colonized the recently deglaciated sections of the state during the 12th millennium BP. Few archaeologists have published on excavated sites in Vermont dating to this period. Nevertheless, it is possible to infer some aspects of Paleoindian life from sites investigated in neighboring areas of New York, New England, and the Canadian Maritimes (e.g. Deller and Ellis 1992; Ellis and Deller 2000; Stork 1997, 2004).

Assemblages from these sites indicate three consistent attributes of Paleoindian period technology that were probably also true for groups in Vermont. First, in addition to fluted points, the stone technologies of these groups consisted of a flake-based toolkit with general categories of wide- and narrow-bit unifacial tools, unifacial gravers, utilized flakes, bipolar artifacts, and large bifaces. Second, people during the Paleoindian period in the Northeast probably preferred bedrock lithic sources as opposed to secondary cobble, and such a lithic procurement strategy may have been driven, in part, by the design requirements of their transported stone toolkits. Finally, locations of raw material sources for Paleoindian period stone toolkits are often many kilometers distant from the sites where these tools are recovered. These distances indicate that people in the Northeast traveled far to collect stone for tool making either during their seasonal movements or as part of trips made specifically to gather new supplies of lithic materials (Seeman 1994).

Disagreement exists over whether people at the end of the Pleistocene in the Northeast were specialists following herds of caribou, or generalists living off a diverse environment, collecting and hunting a wide range of resources (Dincauze and Curran 1983; Pelletier and Robinson 2005). More than likely the reality varied over time and across space and was a question not of specialist versus generalist but rather of degree and scale (Thomas 1991:3-7). As specialists, people likely gathered in larger, multifamily settlements at key times of year along strategic intercept points to hunt caribou. These larger aggregations then split up into smaller groups and moved widely across the landscape. As generalists, the people of the Paleoindian period may have moved in small family-sized groups, mapping their movements to the availability of resources.

2. Archaic Period (9500 to 3000 BP)

The cultural period beginning 9,500 years ago following the end of the Pleistocene and the beginning of the Holocene is known as the Archaic period. The Archaic period is further divided into at least

three subperiods: Early (9500 to 7500 BP), Middle (7500 to 6000 BP), and Late (6000 to 3000 BP). These periods are largely demarcated by changes in projectile point styles.

Earlier archaeologists generalized the environment of the early Holocene (Early and Middle Archaic) in the Northeast as closed woodlands dominated by conifers (Dincauze and Mulholland 1977; Fitting 1968, Ritchie 1980). Because a low carrying capacity characterizes such an environment, they hypothesized that there was a low population until about 6,000 years ago, which resulted in low site density during the period. More recently archaeologists have questioned this understanding. George Nicholas (1991a, 1991b, 1998) cites evidence that the landscape in the early Holocene was far more diverse, supporting a broader resource base than that characterized by a closed conifer forest environment. According to Nicholas's "glacial lake basin mosaic model" (Nicholas 1991a, 1991b, 1998), people took advantage of a highly productive ecosystem that contained a complex system of lakes, ponds, and wetlands. Robinson and Petersen (1993) cite the problems encountered with trying to attach changing demographics to known frequencies of temporally diagnostic projectile points. Since earlier archaeologists did not find many sites with temporally diagnostic points in early Holocene contexts, they assumed that this meant there were few people, and that the region was fairly uninhabited. Robinson and Petersen (1993), however, write that the lithic technology recovered from known early Holocene components is typically very expedient, resulting in the production of few temporally diagnostic formal artifacts such as projectile points. Rather, assemblages from these sites consist mostly of flake assemblages, and as a result many of the components dating to this time period have likely gone unrecognized. Furthermore, it is possible that many sites from the Early and Middle Archaic period now lie deep beneath river floodplains (Thomas 1991:5-1).

In southern Vermont the transition to the Early Archaic period was contemporaneous with the continued warming trend in the early Holocene and the replacement of spruce and fir by pine as the dominant tree species in forests (Carr et al. 1977). The combination of environmental and technological changes during the transition to the Early Archaic period may indicate an increase in the importance of plant foods and shifts in the exploitation of certain terrestrial fauna, such as the hunting of deer rather than caribou. As opposed to Paleoindian period use of high-quality cherts brought long distances before discard, evidence from early Holocene sites indicates a switch to the use of local chert, quartzite, and quartz during the Early Archaic period. The change is likely the result of people living in far more restricted areas than their Paleoindian period ancestors as well as a lack of widespread external contacts (Thomas 1991:5-6). Archaeologists have long thought that people remained within these territories, spending portions of the year in larger base camps and then moving to smaller, more task-specific camps in the surrounding area (Snow 1980:171).

The number of known sites and diagnostic artifact types and projectile points dating to the Late Archaic period (6000 to 3000 BP) is far greater throughout the Northeast and Vermont than for any of the preceding periods. There is also evidence of the development of mortuary ceremonialism. Archaeologists have traditionally characterized the Late Archaic period in the Northeast and Vermont into three basic traditions based on these numerous changing artifact types. The Laurentian tradition is thought to date to between about 5600 and 4400 BP and is known from sites in western Vermont as well as elsewhere throughout the Northeast, including New York, southern Ontario, southern Quebec, and northern New England. The Narrow Point tradition follows the Laurentian and dates roughly between 4400 and 3600 BP. Archaeologists have found artifacts associated with this tradition up and down the East Coast from as far south as North Carolina and as far north as the Upper St. Lawrence River. The Susquehanna tradition is later, dating to between about 3800 to 1800 BP. Traits associated with this tradition are thought to have moved north from the Southeastern Piedmont to as far north as Maine and the Upper St. Lawrence.

These traditions differ from each other based largely on changing artifact traits. Snow (1980) and others (e.g. Braun and Braun 1994) geographically split the Northeast during the Late Archaic period into three very general sections. They base these divisions on broad generalizations about adaptations to major regional environments. The Maritime Archaic tradition lay in the coastal regions of northern New England and the Canadian Maritimes and is defined as an adaptation based on the resources of the ocean. The Lake Forest Archaic tradition stretched from the Eastern Great Lakes across northern New England. Snow (1980) believes the people of the Lake Forest Archaic tradition lived around the many lakes and rivers found in the region. The Mast Forest Archaic tradition ran from the coastal plains of southern New England into the oak forests of the interior. Here people are thought to have made use of the abundant nut-bearing deciduous trees in the region. Although these models are useful in a very general sense, they are also problematic because they are so general and mask much of the potential for variation across the Northeast.

Our understanding of the lives people led in the Northeast is largely shaped by where most archaeologists have worked along the great rivers of the region, including the Connecticut, the Hudson, and the Merrimack. Thousands of years ago, people migrated to these rivers each spring to take advantage of the abundant annual migrations of anadromous fish. Each year around April, these fish swam far up the rivers and their tributaries to spawn until stopped by falls. They created a plentiful food resource for people at the leanest time of year when the winter stocks were empty. These large groups likely stayed together throughout much of the warm-weather months, splintering off periodically to hunt, gather different food, and collect other needed resources. There is ample archaeological evidence along the floodplains of large rivers in much of the Northeast of these large gatherings at so-called "base camps." With the onset of the cold weather, people are thought to have splintered into smaller groups, likely extended families, and moved inland away from the river. This pattern of small groups of hunter-gatherers aggregating during the spring and then splintering in the fall has been defined as the "central-based wandering pattern" (Ritchie and Funk 1973:340).

The problem with applying these interpretations to eastern Vermont is the lack of anadromous fish coming up the Connecticut River beyond Bellows Falls. Andrea Ohl (1994:55) comments on the lack of known sites dating to the Middle Archaic period north of the falls, although sites dating from this period are known south of the falls up the West River and Ashuelot River in New Hampshire. Site VT-WD-3 sits just south of the confluence of the West and Connecticut rivers and may have been the location of one of these large warm-weather group aggregations. Elsewhere in eastern Vermont, however, since the major impetus for large gatherings appears to have been absent north of Bellows Falls, the lives people lived in this region were likely very different from elsewhere in the Northeast.

3. Woodland Period (3000 BP to AD 1600)

The Woodland period is marked by the introduction of ceramic technology about 3,000 years ago. This new technology allowed the production of containers that could withstand cooking with direct heat, which likely affected nutrition and therefore population dynamics. In addition, ceramics enhanced the capability to store food, and the ability to store food to offset seasonal changes in the availability of different foods made it possible for people to become more sedentary. Despite the possibilities presented by this new technology, there is little evidence of any profound changes in life across Vermont. In addition, the elaborate ceremonialism represented by the rich grave-good assemblages found at Early (3000 to 2000 BP) and Middle Woodland (2000 to 1000 BP) period sites, such as Swanton, Boucher, East Creek, and Bennett (Loring 1985; Thomas 1991:9-9), indicate continuity with the burial ceremonialism of the Late Archaic period.

There is little archaeological evidence of the Early Woodland period in Vermont. Excavations at Middle Woodland sites in western Vermont such as Winooski (Power et al. 1980) and McNeil

Generating Station (Thomas 1980) illustrate the use of areas along the lower reaches of rivers flowing into Lake Champlain. These sites indicate the presence of large gatherings of people who fished, harvested nuts, and hunted.

At Middle Woodland sites like Winooski and McNeil, lithic artifacts are predominantly from non-local cherts. By the Late Woodland period (AD 1000 to 1600), however, people were using local cherts. These changes may suggest changes in trade, with an end to the long-distance trade and political relationships that had existed during the Middle and perhaps Early Woodland periods (Haviland and Power 1982:132-133; Thomas 1991:9-9). In addition, the ceramics at Winooski are "related to ceramics from the Lake Forest Middle Woodland period 'cultural complex' of the Great Lakes-St. Lawrence drainage" (Petersen and Power 1983:142), whereas later ceramic assemblages "seem more clearly related to other local assemblages within the Lake Champlain drainage basin" (Petersen and Power 1983:143).

Throughout the Northeast the Late Woodland period is associated with the introduction of horticulture, particularly the importation of domesticated maize; however, it is more than likely that maize did not appear in New England until after about AD 1300 (Chilton 2006), several centuries after the Iroquois to the west had adopted it. In New York maize became a key component in the development of large permanent villages. Although maize was adopted throughout New England, in Vermont and elsewhere in New England, there is little evidence of the development of large sedentary villages based on maize horticulture (c.f., Petersen and Cowie 2002). Rather, archaeological evidence indicates that people remained mobile hunter-gatherers, only using maize as a dietary supplement. These people therefore become what Elizabeth Chilton (2002) has called mobile farmers, as although they planted, they did not become sedentary farmers like the Iroquois.

4. Contact Period (circa AD 1600 to 1750)

The coming of Europeans to New England in the seventeenth century brought immense and catastrophic changes to the Native peoples of the region, changes that we are only beginning to understand today. The Native inhabitants of Vermont, the Abenaki, faced severe population loss to European diseases. Their traditional lifeways were forever changed by Europeans taking their lands, refugee populations of American Indians moving in from elsewhere in New England, and their becoming involved in European wars and European demand for trade goods such as beaver pelts. The Abenaki, who call their homeland Ndakinna, meaning "our land," received tribal recognition from the State of Vermont in 2006. They are still seeking federal recognition and are referred to as the St. Francis/Sokoki Band of the Abenaki Nation of Missisquoi (Abenaki Nation 2010).

At the time of the first European arrivals in the area, the Champlain Valley was probably inhabited by a part of the five tribes of the Iroquois (the Tuscaroras would not join until 1712). In 1609, Samuel de Champlain, the first European explorer in the area, had several Abenaki guides who became fearful of an attack when they entered the area from the St. Lawrence and Richelieu rivers. Champlain encountered many abandoned village sites on four large islands, and it seemed that the contested area for the time being was unoccupied. After Champlain's encroachment, Iroquois seem to have left the area east of Lake Champlain, and the St. Francis band of the Abenaki moved, perhaps back, into the area and settled a village around 1650 (Aldrich 1891).

The Western Abenaki are part of the larger grouping of Abenaki peoples that inhabited most of northern New England around the time of Euro-American exploration and settlement (Day 1978; Snow 1978). The Abenaki were composed of several subgroups, all of whom spoke a mutually intelligible language, although probably with some dialectical differences. The boundaries of the subgroups appear to have been indefinite but were probably based on natural geographic borders.

One of these subgroups, located at Odanak in present-day Saint Francis, Quebec, was known as Sokokis, a name that was often applied by historical sources to refer to all the Western Abenaki people along the Connecticut and Saint-Francois rivers (Day 1965). Most of these subgroups appear to have had a central settlement location of some kind, some of which have been mentioned in historical sources. Important settlements among the Western Abenaki included Missisquois, in Swanton, Vermont; Penacook, at Concord, New Hampshire; Amoskeag, near Manchester, New Hampshire; and Squakheag, in Northfield, Massachusetts. It is estimated that the Western Abenaki, prior to the influx of European diseases and conflicts with colonial settlers numbered around 5,000 persons (Day 1978:153), although more recent studies indicate that population numbers based on early historical accounts across North America tended to seriously underestimate Native American populations (Dobyns 1993).

B. Historical Overview of Vermont

The first Euro-Americans to venture into the region that would become Vermont in the eighteenth century were trappers and hunters. Reaching much of this area was impeded by mountains, and colonization was slow because the political situation was unsettled. Recurring hostilities between the British and French authorities initially inhibited settlers from making Vermont their home; however, even before the final surrender of the French at Quebec in 1760, applications for land grants were being made by many parties.

The colony of Connecticut made the first land grants within what is now Vermont in the early eighteenth century, after Massachusetts, which had erroneously granted its own citizens 436 square kilometers (172 square miles) within the borders of Connecticut, transferred these land grants (the "equivalent lands") to Connecticut. Connecticut immediately sold these lands to people from both Connecticut and Massachusetts, who in turn sold the land to prospective settlers at a profit. After the final resolution of the Massachusetts-New Hampshire territorial disputes in 1740, these lands became New Hampshire territory. Nevertheless, most of the region's settlers continued to come from Connecticut and Massachusetts (Tosi 1948:48-49). European settlement was slow in all parts of today's Vermont until 1761, when Benning Wentworth, governor of New Hampshire, claimed the lands for New Hampshire and began establishing illegal land grants. These territories became the State of Vermont in 1791.

Land use in eastern Vermont conformed to practices common in other parts of New England. These practices included contiguous areas organized into towns, with villages spaced relatively evenly wherever topography and soil conditions permitted (Meeks 1986:14).

Prior to 1830, subsistence farming was the principal household economic activity. The earliest economic activity outside the household was the sale of potash and lumber obtained from land clearing. Potash, owing to its high market value for use in the production of glass, became the only inspected product in Vermont at that time (Elliott 1977:18). Small manufacturers, including gristmills and sawmills, sprang up throughout the region to process locally grown materials. Distilleries (using rye and corn) and starch factories (using potatoes) also developed. Taverns and general stores opened to cater to the local populace in nearly every town. By 1830 the region's agricultural economy was concentrated on the cultivation of potatoes and grains, some of which was shipped to Eastern and Southern markets. Wheat was initially an important crop, so much so that it was used as money by the earliest settlers. As transportation increased to wider markets, farmers focused more on a smaller number of specialized products.

Apple growing became an important part of the Vermont economy. John McIntosh, born in 1776, eventually began selling his apple seedlings to settlers, and the McIntosh apple became the dominant apple in Vermont because of its acclimation to cool nights and warm, sunny days. In 1899 Vermont boasted 1,675,131 apple trees and produced 1,176,822 bushels of apples. Commercial apple production in Vermont continued into the twentieth century but declined owing to the lack of modernized facilities. The

introduction of the automobile boosted apple production again; in 1955 Vermont produced over 1,100,000 bushels, and in the 1980s roughly 79 commercial growers on 3,500 bearing acres of land produced roughly 1.25 million bushels annually (VDHP 1990, "Apple Orchards":6).

By the late eighteenth century some industry had begun to develop in Vermont. Lumbering in the oak forests brought much-needed money into the state and cleared land for farming (Stratton 1980:250). Large fallen trees were ideal for making masts for ships and were usually shipped to Quebec. Production of hats was also an early trade, which used local wool and beaver hides from trappers. Other early businesses included blacksmithing, brick making, and dyeing.

The developing livestock industry rapidly took over in Vermont, as both cattle and horses thrived on the local grasslands and climate (Bearse 1968; Tosi 1948:58-59; VDHP 1990). During the early nineteenth century the Spanish Merino sheep, an outstanding wool producer easily adapted to rugged terrain and climate, arrived in Vermont. The self-sufficiency of the Vermont farmers diminished considerably as many turned to sheep farming for an alternative source of income, almost to the complete exclusion of other agricultural products. The improved machinery and larger wool mills that were introduced around 1830 permitted Vermont farmers to produce more wool, and 33 wool factories were built in Vermont during that period. In addition to wool, raw cotton was imported into Vermont mills for processing (Meeks 1986; Tosi 1948:62).

Although some textile production occurred in fulling and cleansing mills, and later also carding mills, the production of textiles remained a household activity until about 1820. After about 1820 factories took over the production of textiles, and the number of fulling and carding mills increased by 200 percent (from 136 to 273) and 275 percent (from 87 to 234), respectively. By 1830 the home manufacture of textiles was almost non-existent. Since a typical textile mill required the labor of about nine or so workers, the mills typically sprang up where the workers lived. In many cases the wool factories were an outgrowth of earlier textile mills as the mills became suppliers for developing wool factories (Meeks 1986; Steponaitis 1975:43-50).

The breeding of wool sheep reached its peak in Vermont in the early 1840s, but by the end of the decade, the industry had begun to decline, partly the result of lower protective tariffs on imported wool and partly the result of competition from the West with its larger pastures, less costly grain, and better transportation following the opening of the Ohio and Pennsylvania canal systems (Tosi 1948:59-60; VDHP 1989b). The number of wool factories in Vermont decreased from 97 in the mid-1840s to 89 a decade later. In addition, the number of textile concerns in Vermont began to drop as the industry consolidated into fewer, larger firms using more efficient machinery and located along more traveled transportation routes. The number of mills fell from a peak of over 400 in the 1820s to only 75 in the early 1850s. The sheep industry revived briefly in the 1860s and immediately afterward, as the Civil War prompted a greater demand and higher prices for wool products because of the low availability of Southern cotton as well as the imposition of higher tariffs (Steponaitis 1975:60-67).

With the initial decline of the sheep and wool industry in the late 1840s, many farmers returned to breeding cattle, although not before mutton sheep slowly infiltrated many farms formerly devoted to wool-bearing sheep (VDHP 1989a:2). Dairy farming in Vermont and elsewhere in New England had been introduced by the 1840s (Barron 1980; Russell 1982). Dairying proved to be a protection against the fluctuating price of wool and allowed farmers to take advantage of expanding urban markets to the south. The introduction of dairy breeds to replace beef cattle was a slow and intermittent process. Barron (1980) believes that one reason farmers in Vermont were slow to switch from wool to dairy was problems with labor. The young of Vermont were moving out West and to the big cities, depopulating the countryside during the second half of the nineteenth century (discussed further below). Because sheep farming was far less labor-intensive, it remained a more efficient use of resources during this period even as prices for

wool dropped. Dairy farming, on the other hand, was becoming more labor-intensive, and Barron (1980:333) estimates that because of technological changes, the labor demand for cows grew by 68 percent per cow between 1850 and 1910. As a result, because the available pool of labor was declining after the mid-nineteenth century, farmers were hesitant to make the switch from wool to dairy even though the wool market was unstable. It was not until the market for wool completely collapsed at the end of the century that the switch from sheep to cows became complete.

Up until the 1850s, only private dairying took place. As the industry became more widespread, cheese factories, and later creameries, were built to service entire dairying communities. The three staple crops for the mid-nineteenth century Vermont farmer became wool, butter, and maple sugar, and after the Civil War dairy farming dominated the agriculture of eastern Vermont (Bremer 1929:587; Tosi 1948:63). Butter and cheese were manufactured in centrally located factories, although up until 1900 almost 40 percent of manufactured dairy products were produced privately in the home for sale to a private clientele. The number of dairy cows in some Vermont counties reached a peak in 1900. By the close of the nineteenth century, however, the Vermont dairy farmer faced direct competition from the dairy industries of Ohio and Wisconsin, for whom the transport of perishable goods did not pose as great an obstacle after development of the railroads connected these states with the East. Dairying declined slowly until 1920, then rose sharply until 1930 (Tosi 1948:62-64). By the end of the twentieth century, however, the need for expensive equipment had put many small hill country farmers out of business (VDHP 1989a).

The wool industry in Vermont changed in the late nineteenth century with the emergence of large town-based manufacturing firms (employing more than 100 employees) in places such as Bennington, Winooski, Rutland, Johnson, and Fair Haven. Vermont still enjoyed prominence in the manufacture of wool and knit goods during the 1880s; however, the state's industry declined steadily through the first half of the twentieth century despite a brief rise during the World War II years (Steponaitis 1975:118; VDHP 1991:10-11). Mills gradually closed after the end of the nineteenth century as they became unable to compete with mills and factories in the South (Barron 1980:326).

The population decline during the second half of the nineteenth century had perhaps one of the greatest historical impacts on the landscape. As the United States expanded, new opportunities arose, and young people moved out West. The hill farms of Vermont could not compete with Western agriculture. In addition, as already noted, many of the Vermont's rural youth left for jobs in the growing big cities. Barron (1980), however, describes contemporary writing of abandoned farms as "hyperbole," writing that agriculture in New England did not collapse after the Civil War but only experienced stagnation. He points out that throughout Vermont two-thirds of male household heads remained farmers/farm laborers throughout the second half of the nineteenth century, 90 percent of farms were family-owned, and that two-thirds of the land remained agricultural land. In short, the number, size, and location of farms throughout Vermont remained stable. In addition, the output of wool, butter, and maple sugar from these farms remained constant into the late 1890s. The number of tradesmen also remained constant, although several mills and factories were replaced because they could not compete with those in the South (Barron 1980:326). Vermont farmers may have been able to survive the slow attrition of labor throughout the second half of the nineteenth century, but the lack of available labor ultimately prevented them from adapting to more economically advantageous forms of farming.

Mining and the processing of stone and mineral deposits were significant Vermont industries dating to the time of the early settlement. The first reported lime kiln in Vermont was at Isla la Motte, where the French burned lime to make mortar circa 1665. Lime kilns started appearing in large numbers with the opening of farms and the discovery of good quality limestone deposits. Eventually lime kilns were present in the vicinity of nearly all outcrops of limestone. The earliest type of kiln in Vermont, the farm kiln, was constructed to fulfill local demand for agricultural lime and building mortar, although the

surplus was sold to tanneries, paper mills, and chemical factories. These kilns were operated up to the 1840s. Larger and more complex kilns were constructed in association with multiple quarry operations and later near railroad lines for easier transportation to external markets (Rolando 1992:216-217).

The railroad also played an important role in the development of Vermont. One of the most important railroads to provide access to central and northern Vermont was the Vermont Central Railroad Company. The company was chartered on October 31, 1843, with the construction of the line beginning in the fall of the same year. The line was opened from White River Village to Bethel (25 miles) on June 26, 1848; to Northfield (53 miles) on October 10, 1848; to Montpelier (63 miles) on June 20, 1849; to Middlesex (69.5 miles) on August 30; to Waterbury (75 miles) on September 29; and finally, to Burlington (105 miles) on December 31, 1849 (Poor 1860:78).

The Vermont and Canada Railroad was chartered October 31, 1845, as a continuation of the Vermont Central north and west to Rouses Point, New York, splitting at Essex Junction (east of Burlington) and running north via Saint Albans and Swanton. A branch split at Swanton and ran north to the Canadian border. On August 24, 1849, the Vermont Central Railroad Company took a lease of the Vermont and Canada Railroad, then under construction, at an annual rent of 8 percent on its cost (amounting at that time to $1,348,500) with the privilege of purchasing the road at cost after 20 years. The provisions of the lease created a mortgage on the Vermont Central Railroad as security for the payment of the rent. The Vermont Central defaulted on rent payment, however, and on June 28, 1852, surrendered the railroad to its original owners (Poor 1860:79).

C. Site File Research and Previous Surveys

1. Previously Identified Archaeological Sites

Forty previously identified sites are located within 1.6 kilometers (1 mile) of the Franklin County Line Upgrade project area, two of which have not been recorded with the VDHP or assigned a permanent site number (VDHP 2023) (Table 2). Of these, 33 were identified as pre-Contact or included a pre-Contact component, mostly consisting of chert, quartzite, and a few quartz flakes. Nineteen of these are indeterminate pre-Contact sites. No sites date to the Paleoindian period. Site VT-FR-0196 dates to the Early Archaic period, and Sites VT-FR-0334 and VT-FR-0404 date to the Late Archaic period. Site VT-FR-0010 is noted as possibly an Archaic site. Sites VT-FR-0161 and VT-FR-0353 each have a Late Archaic component. Ten sites included cultural material attributed to the Woodland period. The pre-Contact component of Site VT-FR-0185/0223 is attributed to the Early Woodland period, as is one component of Site VT-FR-0161. Site VT-FR-0048 is also a possible Early or Middle Woodland site, and Site VT-FR-0103 is a possible Middle Woodland site. Site VT-FR-0161 has one component that may date to the Middle or Late Woodland period. Another site believed to from the Middle Woodland period is Site VT-FR-0374, and Site VT-FR-0329 is listed as "Mid/Late Woodland" on its site form. Middle and Late Woodland components are part of Sites VT-FR-0353, VT-FR-0360, and VT-FR-0361. Site VT-FR-0365 dates to the Late Woodland period.

Five of these sites are located in the APE (see Table 2).

- TS 1834.08-14 was characterized by a single chert flake.
- The Dalcourt Site (VT-FR-0185/0223) produced 27 flakes, 17 fire-cracked rocks, five calcined bone fragments, and a basal fragment of a biface.
- Site VT-FR-0202 had no information on file aside from location.
- Site VT-FR-0203 produced quartzite and chert flakes, the tip of an Onondaga chert projectile point, fire-cracked rocks, whetstone fragments, and dentate stamped aboriginal ceramics.
- Site VT-FR-0459 (TS 1834.08-13) produced a single chert flake.

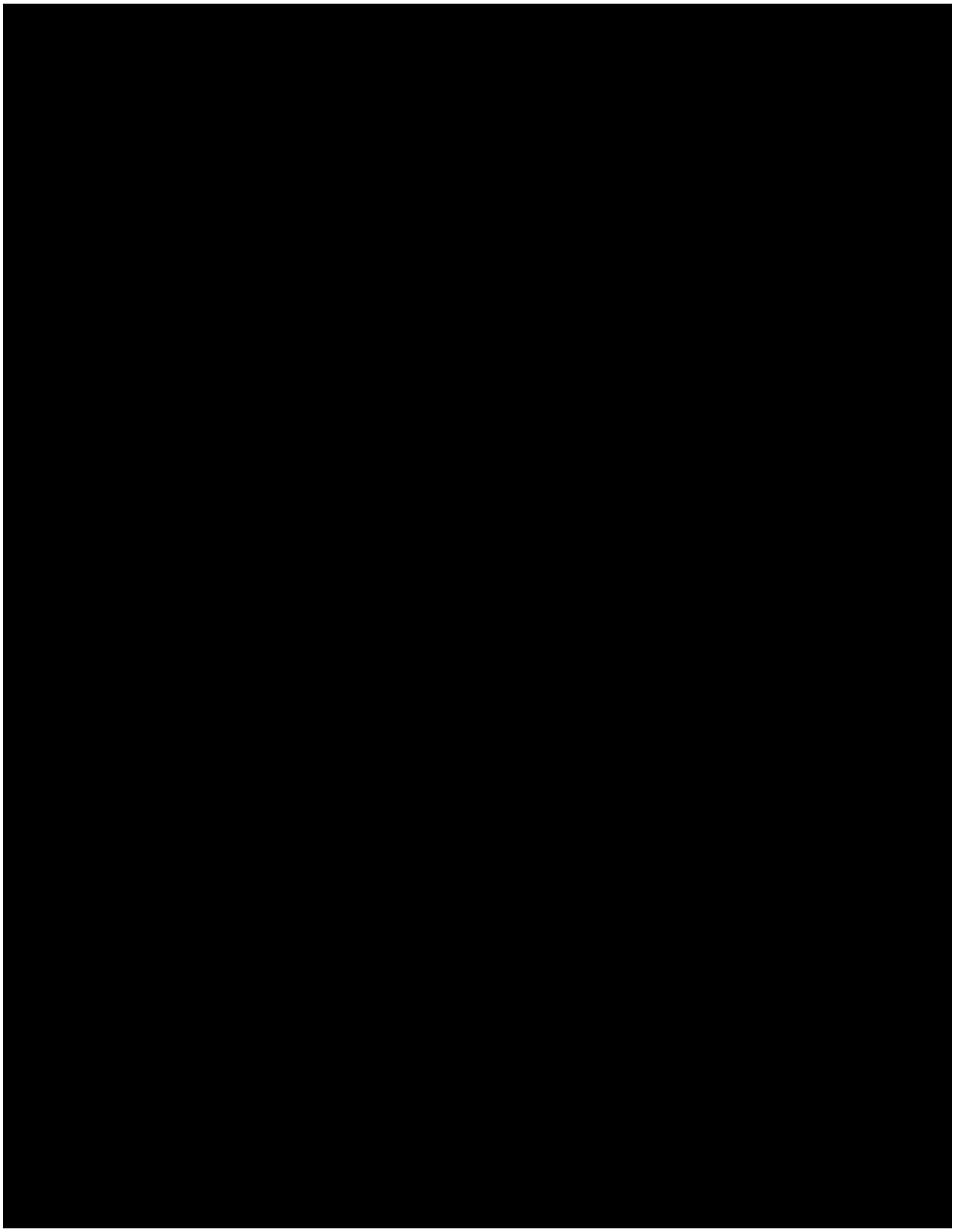
Eight of the previously recorded sites within 1.6 kilometers (1 mile) of the project area were identified as post-Contact or containing a post-Contact component. Louis Berger Temporary Site (TS) 1834.08-18 was identified as post-Contact and may date from after the construction of the first sawmill at the location in 1798, but no structures are shown on the Beers (1871) map of the area. The Sheridan Foundry (Site VT-FR-0177) dates from 1790 to 1850. The Fonda Lime Kilns (Site VT-FR-0178) date from 1850 to 1950. Site VT-FR-0204 consists of an undated barn frame, cellar hole, unmarked cemetery, and single metal artifact. Site VT-FR-246, the Gordon House, dates from circa 1863 to 1871. The nearby Gordon-Pierce Mill (Site VT-FR-0247) was built prior to the Gordon House, in 1863. Burton's Dock (Site VT-FR-0345) consists of the underwater remains of a dock built around 1810. The Dalcourt Site (VT-FR-0185/0223), dated to the 1800s, is the only site with a post-Contact component that is in the APE.

TABLE 2: KNOWN ARCHAEOLOGICAL SITES WITHIN 1.6 KILOMETERS (1 MILE) OF PROJECT AREA

SITE No., NAME	LOCATION	PERIODS	DESCRIPTION

SITE No., NAME	LOCATION	PERIODS	DESCRIPTION
[redacted]			

SITE No., NAME	LOCATION	PERIODS	DESCRIPTION



SITE No., NAME	LOCATION	PERIODS	DESCRIPTION

2. Previously Conducted Surveys

Twenty-nine archaeological resource assessments and surveys have been conducted within 1.6 kilometers (1 mile) of the project area (Table 3). Eleven of these covered a portion of the Franklin County Line Upgrade Project APE, and seven of these were directly related to the electrical utility infrastructure in the area.

The first of the 11 surveys resulted in the location of Site VT-FR-0161. The study concluded that further study would not yield additional information (Thomas and Dillon 1985).

TABLE 3: PREVIOUS INVESTIGATIONS IN PROJECT AREA

REPORT	PROJECT	RESULTS/RECOMMENDATIONS
Thomas and Dillon 1985*	The Highgate Converter Station Site	Identified multiple areas of potential archaeological importance and one site, VT-FR-0161. No additional archaeological study of recommended.
Thomas and Frink 1986	Archaeological Reconnaissance Survey Highgate TH 2410	No prehistoric artifacts, but mid- to late nineteenth-century historic artifacts recovered. Project construction determined to have no effect on identified archaeological resources.
Robinson et al. 1991*	Archaeological Phase I Survey of the Vermont Segment of the Champlain Pipelines Project (FERC Docket No. CP98-646-000), Vol. I	42 pre-Contact and four historic sites (including one pre-Contact/post-Contact multicomponent) discovered by subsurface testing.
Bartone et al. 1991*	An Archaeological Phase I Survey of The Proposed Vermont Electric Company (VELCO) Transformer Project, Highgate Falls, Franklin County, Vermont	Reidentified multicomponent Dalcourt Site (VT-FR-0185/0223). Seventy-seven shovel tests uncovered 50 (0185) pre-Contact artifacts and 619 post-Contact (0223) artifacts. Historic component (223) recommended for Phase II.
Frink 1991*	VELCO Highgate #2 Sub-station, Highgate, Vermont Phase I, Archaeological Site Identification Study	Non-significant, twentieth-century Euro-American materials sparsely scattered throughout project area. No Native American archaeological remains encountered.
Thomas et al. 1992	Archaeological Site Identification Survey for Georgia TH 3716 Georgia Plains, Vermont	Possible foundation, stone wall, and associated features and deposits designated historic Site VT-FR-0246. Project construction determined to have no effect on significant prehistoric or historic archaeological resources.
Robinson et al. 1992*	Archaeological Phase I Survey of the Vermont Segment of the Champlain Pipelines Project (FERC Docket No. CP98-646-000), Vol. II	Phase I investigation reidentified and identified numerous sites, hundreds of pre-Contact and post-Contact artifacts recovered; many sites recommended for Phase II.
Robinson et al. 1993*	An Archaeological Phase IB Survey of The Vermont Gas Systems, Inc. Systems Expansion Project, Franklin County, Vermont	Thirteen pre-Contact sites and one post-Contact site identified, mostly in high-probability areas as defined during prior Phase IA study. Phase II recommendations provided.
Hartgen Archeological Associates, Inc. 1995	Phase IA and IB Cultural Resource Investigations the Vermont Brick Manufacturing Co. Proposed Plant and Clay Extraction Area Town of Highgate, Franklin County, Vermont	Three pre-Contact sites identified (Sites VT-FR-300, -301, and -302). Site VT-FR-300 produced ceramics indicating Woodland occupation; Site VT-FR-301 produced a Brewerton Eared Triangle style projectile point, dating site to approximately 3000 to 2000 BC (Late Archaic). Site avoidance recommended.
Frink 1997	Phase IA Archaeological Site Sensitivity Study of the Proposed Highgate Industrial Park Highgate, Franklin County, Vermont	Field inspection. Testing recommended prior to any development or construction; based on the estimate of 13 acres to be developed, this would entail sampling 1.3 acres.
Hartgen Archeological Associates, Inc. 1998	Phase IA Archeological Assessment for the Proposed System Expansion Beebe Road to Kellogg Road	Walkover assessment of APE. No surface artifacts noted. Phase IB testing proposed.
Frink 2000	Phase IA Archaeological Site Identification Study of the proposed Vermont Gas Systems, Inc. Natural Gas Transmission Pipeline Project, Phase V, in St. Albans, Franklin County, Vermont	9,640 feet (2,938 meters) along Alternate Route 1 and 5,790 feet (1,764 meters) along Alternate Route 2 found highly sensitive for Native American sites; additional 3,700 linear feet (1,130 meters) found highly sensitive for Euro-American sites. Phase IB site identification studies recommended.

REPORT	PROJECT	RESULTS/RECOMMENDATIONS
Frink 2001b	Phase I Archaeological Site Identification Studies for The Proposed Vermont Gas Systems, Inc. Natural Gas Transmission Pipeline Project in Swanton, Franklin County, Vermont	Excavated 15 shovel tests in four out of five within eroding south bank of Missisquoi River. Twenty-seven chert flakes and 10 fire-cracked rocks recovered. Additional sites possible based on topography and local drainage. Area recommended as potential archaeological district and determined eligible in 1982.
Frink 2001c	Phase IB Archaeological Site Identification Study of the Proposed Vermont Gas Systems, Inc. Natural Gas Transmission Pipeline Project in Swanton, Franklin County, Vermont	Phase IB investigations of areas assessed as archaeologically sensitive for pre-Contact archaeological sites and Euro-American sites associated with the nineteenth-century lime industry. Two early pre-Contact sites (VT-FR-327 and VT-FR-328) identified. Sparse scatters of artifacts recovered from two Euro-American sites (VT-FR-178 and FS(24)FR). No further work recommended for pre-Contact sites; restrictions and protections recommended for VT-FR-178.
Frink 2001a	Phase I Archaeological Site Identification Studies for The Proposed Vermont Gas Systems, Inc. Natural Gas Transmission Pipeline Construction Phase IV Extension Project in St. Albans Franklin County, Vermont	No artifacts recovered; no further archaeological studies recommended.
Frink 2002	Phase IB Archaeological Site Identification Study of the proposed Vermont Gas Systems, Inc. Natural Gas Transmission Pipeline Project, Phase V, in St. Albans, Franklin County, Vermont	Two pre-Contact sites, VT-FR-334 and VT-FR-335; further study deemed necessary to determine their potential significance.
Boulanger and Frink 2004	Phase I Archaeological Site Identification Study of The Proposed Expansion of the Leduc and Many Sand/Gravel Pit in the Town of Highgate, Franklin County, Vermont	No significant archaeological resources identified.
Kane 2004	Archaeological Resource Assessment for the Waters Adjacent to the St. Albans Town Dock, Town of St. Albans, Franklin County, Vermont	Underwater Phase I investigation of concrete dock built by Civilian Conservation Corps, designated Site VT-FR-345. No artifacts recovered; site recommended as not eligible; no further work recommended.
Frink 2005	Phase I Archaeological Site Identification Study and Limited Phase III Data Recovery Study of The Proposed Vermont Gas Nason Road Pump Station in St. Albans, Franklin County, Vermont	Early pre-Contact Site VT-FR-329 identified, found potentially eligible for National Register of Historic Places (NRHP).
Mandel and Knight 2008	Archaeological Phase I Site Identification Survey for Four Proposed Temporary Easements and Phase II Site Evaluations for Prehistoric Native American Sites VT-FR-352, 353, 354, 355, 356, and 358, for the Proposed St. Albans and Georgia Natural Gas Transmission Pipeline, St. Albans and Georgia, Franklin County, Vermont	Significant cultural resources not present at Sites VT-FR-354 and VT-FR-356. Phase III data recovery at Sites VT-FR-358 and VT-FR-368 identified additional cultural resources at each site. The cumulative data recovered from each site represents substantial mitigation strategy prior to sites' possible destruction; Site VT-FR-352 will be avoided.
Corey et al. 2010*	Archaeological Phase I Survey of the Proposed Mill River Road Subdivision Project Area, Georgia, Franklin County, Vermont	Two new pre-Contact Sites VT-FR-360 and VT-FR-361 identified, Phase II site evaluation recommended.
Grindle et al. 2010	Archaeological Phase I Survey of the Proposed Cassidy Meadows Residential Development Project, Highgate Center, Franklin County, Vermont	Identified single new pre-Contact Site VT-FR-365. Avoidance and protection of Locus 1 recommended; no additional work recommended for Locus 2 and Locus 3 prior to project construction.
Louis Berger 2011*	Phase IB Archaeological Survey Proposed Georgia Substation, Town of Georgia, Franklin County, Vermont	Total of 349 shovel tests excavated across 11 archaeologically sensitive areas in APE. One pre-Contact archaeological site (VT-FR-374) identified and seven pre-Contact period artifacts recovered in the APE. Site recommended as eligible for NRHP; additional investigation may be necessary if avoidance not possible.
Mandel and Knight 2011	Archaeological Phase I Site Identification Survey of the Proposed Hurlbut Residential Development Project, St. Albans, Franklin County, Vermont	No archaeological sites identified; no further study necessary west of Georgia Shore Road.

REPORT	PROJECT	RESULTS/RECOMMENDATIONS
Louis Berger 2013*	Cultural Resource Services Georgia/Milton Substation and Transmission Project Towns of Georgia and Milton, Chittenden and Franklin Counties, Vermont	Phase IB archaeological investigation recommended in sensitive areas where subsurface impacts are expected (new substation planned off Ballard Road not located in archaeologically sensitive area).
Willoughby 2016b*	Statewide Structure Condition Improvement Program (SCIP), Phase I Site Delineation Testing K-42 Line, Georgia and Highgate, Franklin County, Vermont	Recommended installing snow fencing or barrier tape along edge of work area to prevent ground disturbance outside construction limits. Additional testing in the vicinity of Structure 251 (TS 1834.08-14) produced only a single flake; no further investigation at this location recommended.
Willoughby 2016a	Statewide Structure Condition Improvement Program (SCIP), K-42T Line, St. Albans, Franklin County, Vermont.	No pre-Contact artifacts recovered; no significant historic materials recovered. Maintenance activities along K-42T Line will have no effect on any significant cultural resources, provided ground-disturbing activities are confined to archaeologically assessed areas.
Louis Berger 2018	VELCO K42T Transmission Line Structure Maintenance	Total of 150 shovel tests recovered no artifacts. Structure replacements and maintenance activities along K-42T Line will have no effect on any significant cultural resources.
Vavrasek 2022*	VELCO 2021 Transmission Line Refurbishment Project, Franklin County, Vermont: Report of Phase IB Intensive Archaeological Survey, Line K42	418 shovel tests along proposed access roads; all tests negative for cultural material.

VDHP 2023 *Includes a portion of the Franklin County Line Upgrade Project APE

Initially discovered during surveying for the Champlain Pipeline Project in the late 1980s and reported by Robinson et al. (1991), the Dalcourt Site (VT-FR-0185) was rediscovered during survey for the proposed Highgate Converter; that survey added a post-Contact component and recommended Phase II testing (Bartone et al. 1991). During initial testing for the Champlain Pipeline Project, Sites VT-FR-0202 and VT-FR-0203 were discovered, although little information is available for the former (Robinson et al. 1992). That survey suggested the possibility of buried artifacts and features at Site VT-FR-0203, as some artifacts were recovered from beneath the plowzone.

No Native American archaeological remains, and only twentieth-century materials, were recovered during the VELCO Highgate #2 Sub-station Phase I study (Frink 1991).

Based on site maps in the Robinson et al. (1993) report on a Vermont Gas Systems project, a Phase IB survey crossed the VELCO ROW, but no sites were located near the current project area. The survey for a proposed subdivision off Mill River Road in Georgia also included a portion of the current ROW but identified no new sites there (Corey et al. 2010).

Four projects were completed by either Louis Berger or WSP on VELCO transmission lines or substations that included portions of the current project area (Louis Berger 2011, 2013; Willoughby 2016b; Vavrasek 2022). Over the course of these surveys, only a single flake was recovered in the current project area, recorded as Louis Berger Site TS 1834.08-14.

D. Development in Project Area

A review of the available historical mapping shows few structures in the APE of the Franklin County Line Upgrade project. The Beers (1871) map of Franklin County shows the APE vicinity in 1871 (Figure 2). Two structures, labeled J. Shelts and A. Cook, are shown at the northern end of the APE near the location of what was later identified as the Dalcourt Site (VT-FR-0185/0223) (see Figure 2a). By 1914/1915 a few structures were present at locations where the K42 line currently crosses roadways and are standing in those locations today (USGS 1914, 1915) (Figure 3). Growth continued through the present, with a small number of additional structures built in these locations (USGS 1943, 1944, 1964, 1986) (Figures 4-8).

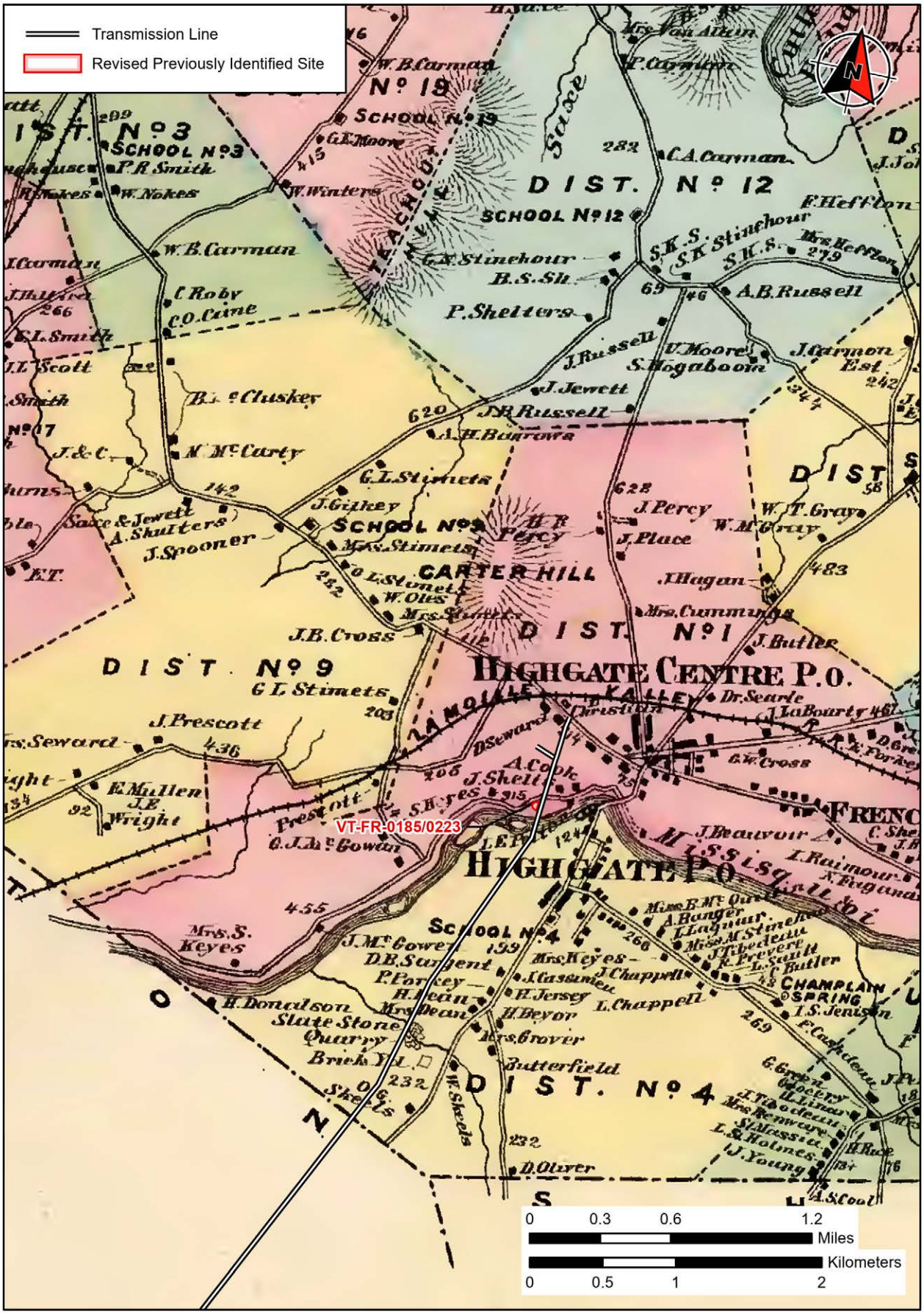


FIGURE 2a: Project Area in 1871 (Beers 1871)

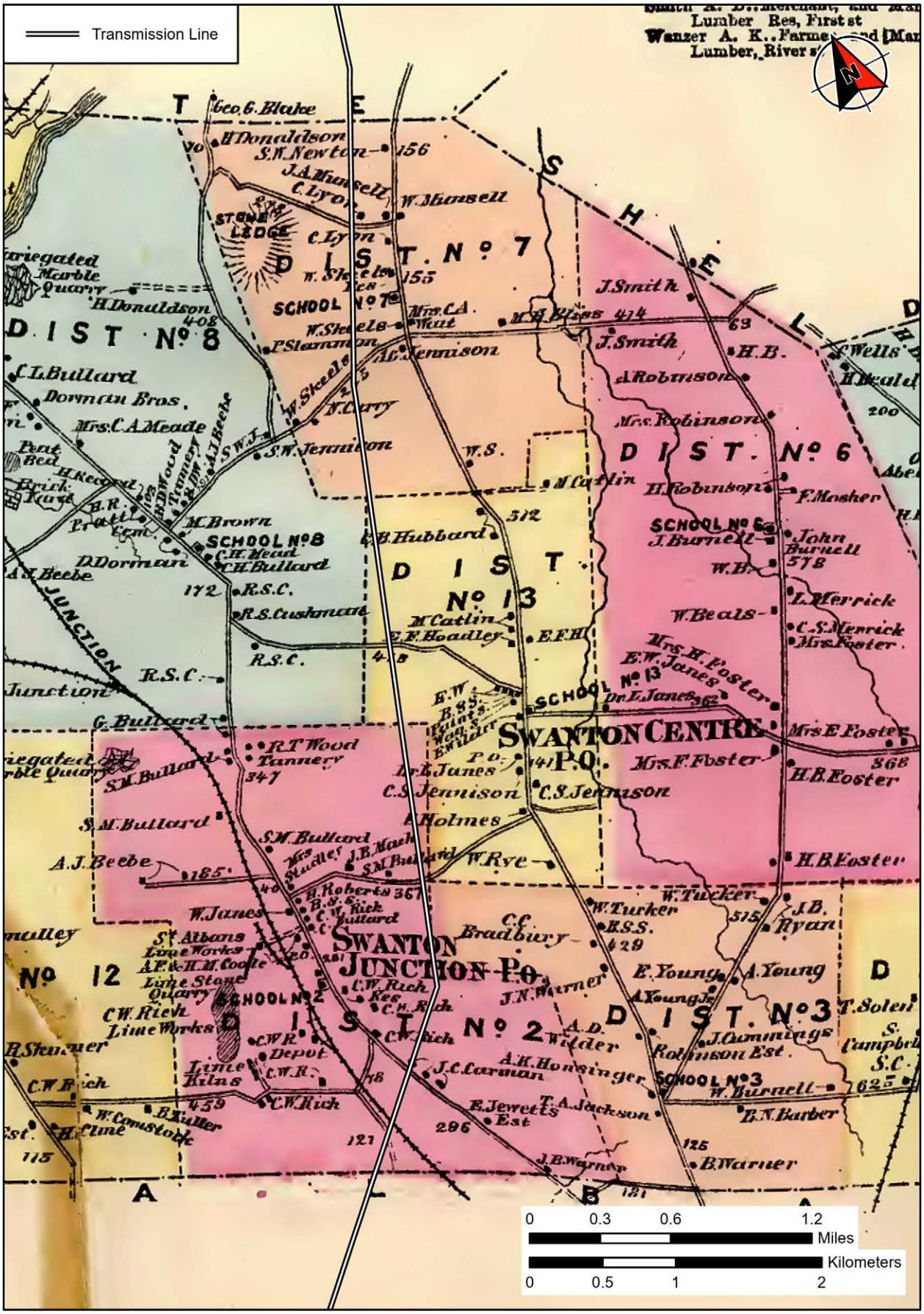


FIGURE 2b: Project Area in 1871 (Beers 1871)

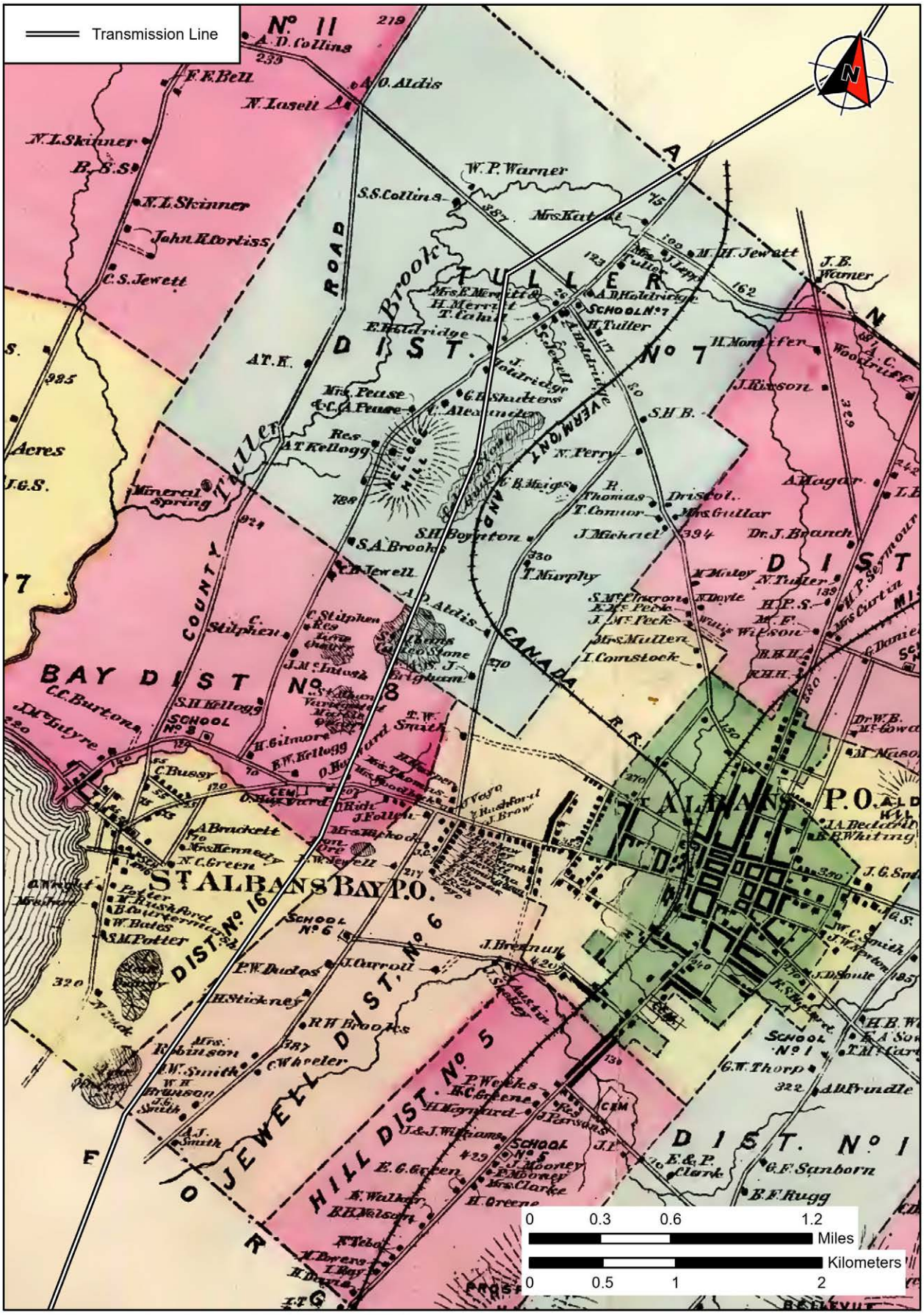


FIGURE 2c: Project Area in 1871 (Beers 1871)

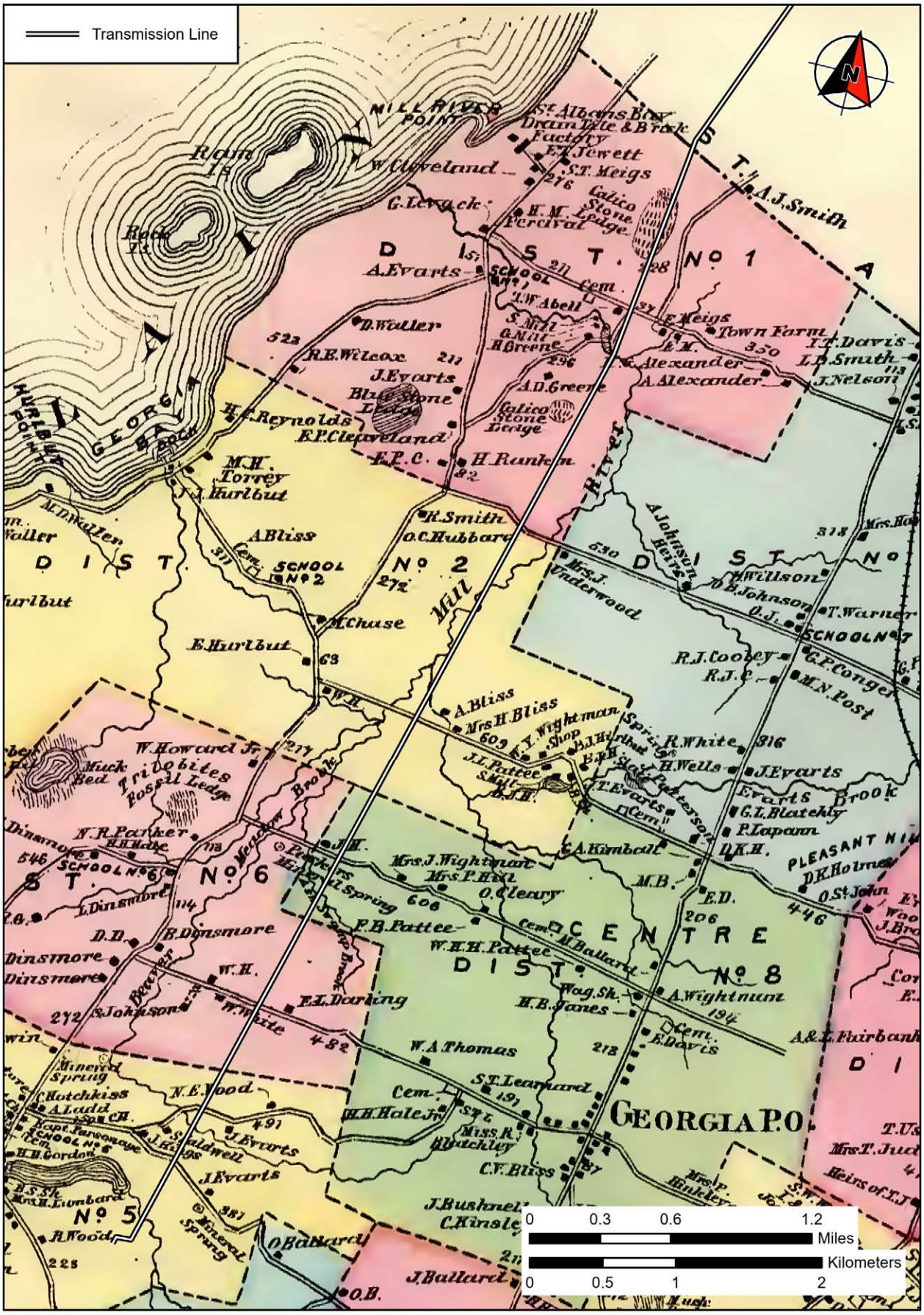


FIGURE 2d: Project Area in 1871 (Beers 1871)

FIGURE 3: Northern Portion of Project Area by 1915 (USGS 1914)

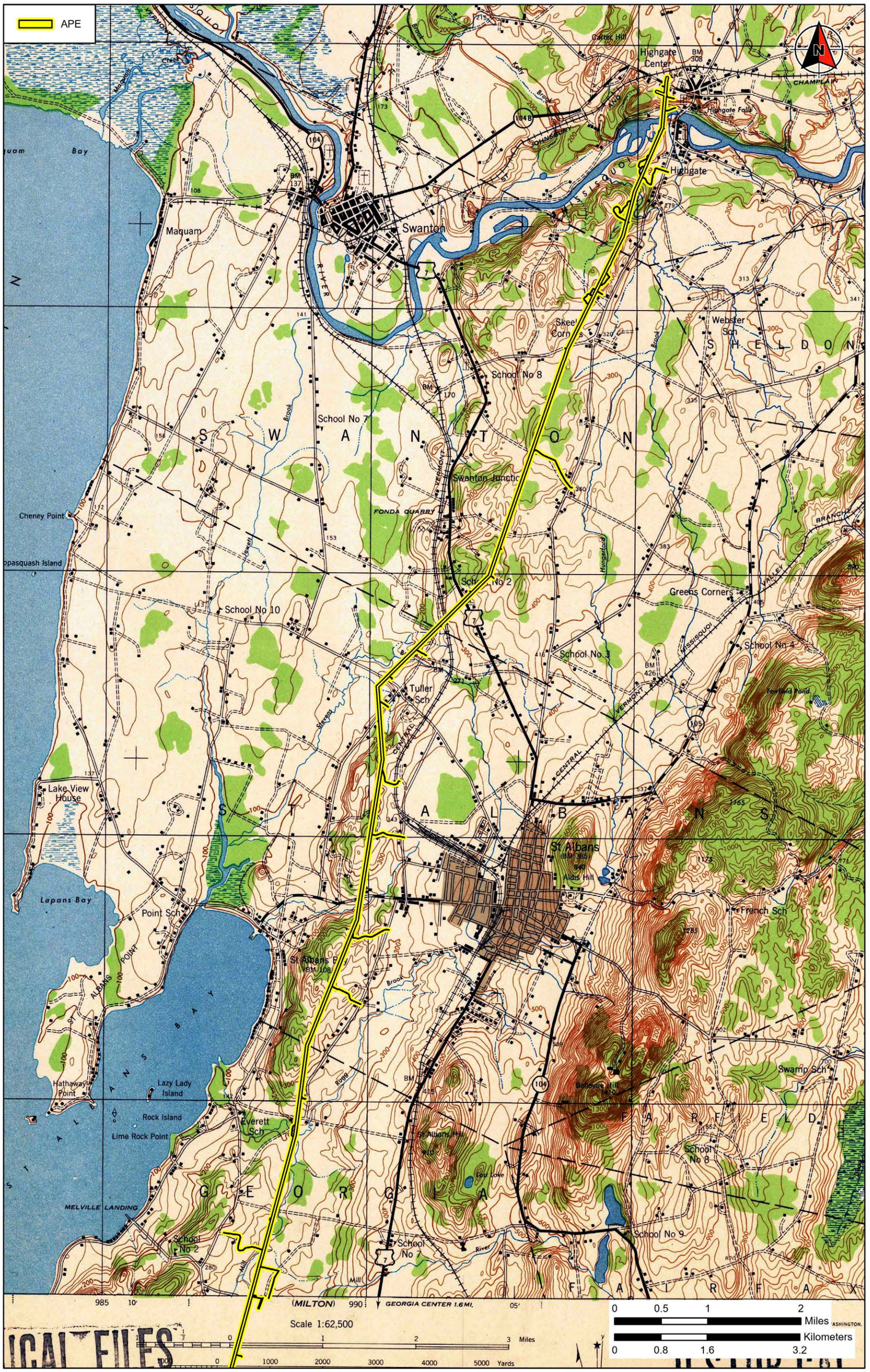


FIGURE 4: Northern Portion of Project Area in 1943 (USGS 1943)

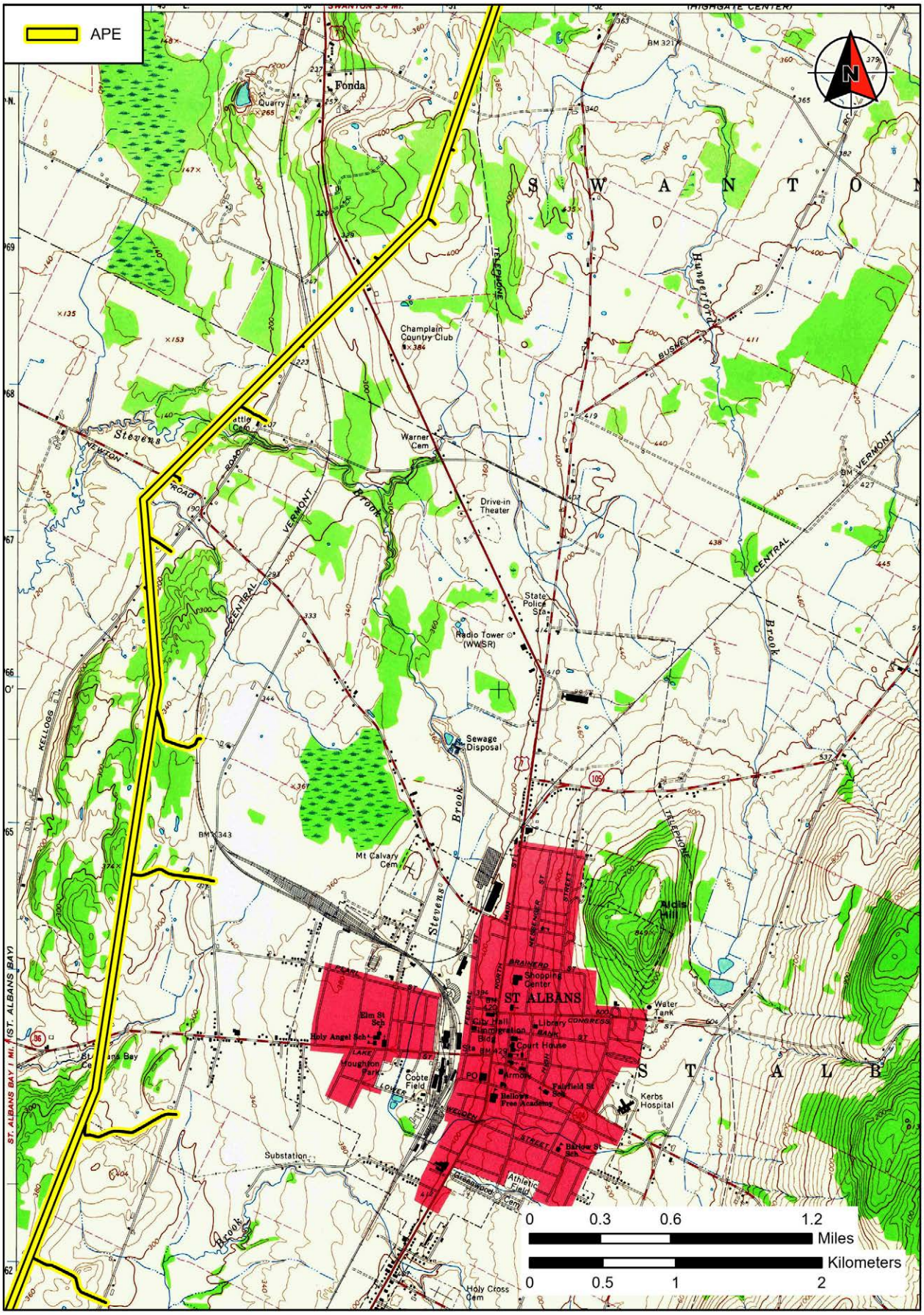


FIGURE 5: Middle Portion of Project Area in 1964 (USGS 1964)

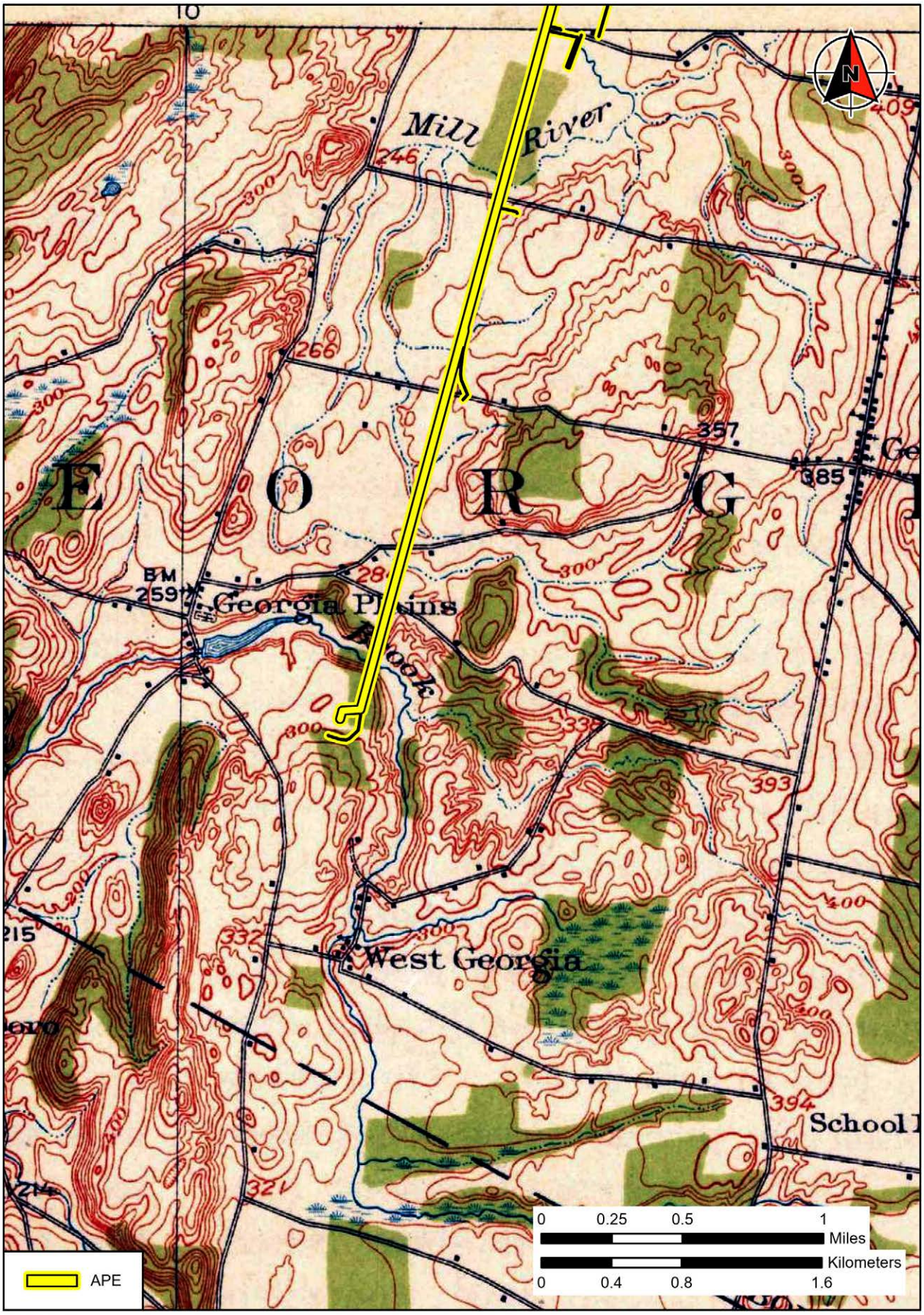


FIGURE 6: Southern Portion of Project Area in 1915 (USGS 1915)

FIGURE 7: Southern Portion of Project Area in 1944 (USGS 1944)

FIGURE 8: Project Area in 1986 (USGS 1986)

IV. Phase IB Archaeological Survey

A. Methodology

1. Archaeological Sensitivity Model

WSP combined the results of the research with review of the project area using the *Environmental Predictive Model for Locating Precontact Archaeological Sites* (VDHP 2002), the Vermont Online Resource Center (ORC) map tool (VDHP 2023), and the VDHP (2017) *Guidelines* to identify the distribution of key environmental criteria possibly affecting the location of pre-Contact archaeological sites. The GIS model developed for this project consists of a digital version of the environmental predictive model (VDHP 2002). The environmental criteria listed in these predictive tools are summarized below.

- Proximity to a:
  - Permanent Stream/River
  - Waterbody
  - Wetlands
  - Stream/Waterbody Confluence
  - Head of Drainage
  - Stream Confluence
  - Waterfalls
- The presence of:
  - Glacial Lake Shore Line
  - Glacial Outwash and Kame Terrace
  - Floodplain Soils
  - Level Terrain
  - Significantly Sloped Terrain

For the seven criteria defined by proximity, the radius of proximity defined as significant is typically 180 meters (590 feet). The value attached to proximity was refined according to the predictive model (VDHP 2002), with a higher significance and greater score given to areas within 90 meters (295 feet) of a particular environmental criterion, versus a lower significance and half the score given to locations between 90 and 180 meters (295 and 590 feet) of the same criterion. The other five criteria are based on presence/absence (e.g., presence on level terrain versus presence on significantly sloped terrain) and not on varying levels of proximity. The VDHP (2002) predictive model attaches scores to each of these criteria as well as other criteria, including the presence of burials and known archaeological sites.

WSP determined sensitivity for historic-era archaeological sites through analysis of historical maps of the project area (Beers 1871; USGS 1914, 1916, 1943, 1964), as described in Chapter III.D, as well as regional histories. The VDHP website and report files available through ORC as well as in-house resources identified known sites and the results of previously conducted cultural resource management surveys surrounding the project area, as described in Chapter III.C. Historical maps are useful sources of information about old roads as well as the location of historic-era structures and other features. Familiarity with known sites is useful both for understanding where sites might be located and for interpreting what is found and assessing its potential significance.

To evaluate the potential for environmental factors that might eliminate portions of the project area from field investigations, environmental mapping available from the Vermont Center for Geographic Information (VCGI), USDA-NRCS, and other online sources was used to determine areas with wetlands,

significant slope, or other environmental factors that would affect archaeological sensitivity (VCGI 2022; USDA-NRCS 2019). Historical and recent aerial imagery was also consulted to identify any areas of significant subsurface disturbance from construction, development, or other sources such as mining.

The GIS model developed for this project consists of a digital version of the Environmental Predictive Model (VDHP 2002). Because the GIS-based model was created using the ArcGIS 10.2.1 model builder from available environmental data layers, the results of the model required visual confirmation by field inspection. Areas identified as archaeologically sensitive by the GIS model were visually assessed and field inspected to confirm sensitivity. The presence and/or absence of environmental variables used to construct the model was visually assessed (water sources, soils, topography, etc.). The field inspection also assessed and/or recorded evidence of recent disturbance in areas of sensitivity, and looked for traces of structural remains, particularly in areas where historical roads, map-documented structures, or other features might be located. The field inspection clarified the boundaries and sensitivity of each area. The data from the background research discussed in Chapter III and the predictive modeling data were combined with the results of the field inspection to evaluate archaeological sensitivity.

The GIS model developed by WSP is project-specific and is based on the APE and surrounding area; therefore previous assessments that cover a portion of the current project area may differ.

2. Phase I Archaeological Identification Survey Methods

Following the developed sensitivity information, WSP conducted subsurface testing within areas of high sensitivity. Subsurface field-testing methods consisted primarily of the excavation of shovel tests at 10.0-meter (32-foot) intervals. To maximize testing, shovel tests were at times moved off the 10-meter grid to avoid disturbed soils or terminal bedrock. A 5-meter (16-foot) testing interval was used to aid in delineating site boundaries. To perform this testing, an arbitrary grid was established over each area of archaeological sensitivity in the APE. Testing grids were aligned parallel to the longest axis of the individual section of the APE; the grids therefore do not necessarily align with cardinal directions. Each grid was established in the field using a handheld Trimble GeoXT 6000 sub-meter GPS unit with sub-meter accuracy. Grids were established only after sub-meter accuracy had been achieved in the field. Shovel tests were designated by the closest structure location to their position, then given a unique number starting from the lowest unused number at each testing location.

Shovel tests measured 50 centimeters (20 inches) square. They were excavated observing natural or cultural stratigraphy to a minimum depth of 10 centimeters (4 inches) into a culturally sterile C horizon, unless an obstruction was met, typically no more than 70 centimeters (28 inches) below ground surface (bgs). The environmental context for these APE locations indicated that no significant natural sedimentation has occurred during human occupation in the region, and therefore the possibility of finding artifacts or cultural materials buried below the surficial soil interface within the underlying natural subsoil horizon (B horizon) was considered unlikely. All soil was screened through 0.64-centimeter (0.25-inch) hardware cloth to assure the recovery of artifacts. Artifacts recovered from shovel testing were recorded and placed in bags labeled with their associated provenience. All shovel test results were recorded on forms that detailed elevations of stratigraphic breaks, soil/artifact descriptions, and names of excavators, and that summarized the results of excavation. Photographs were taken of shovel tests representative of stratigraphic site make-up. Photographs were also taken of general views of the APE to document current land use.

B. Results of Subsurface Survey

Initial archaeological fieldwork was conducted July 11 to September 12, 2022. Landscapes in the APE ranged from level to steep slope. Temperatures ranged between 40 and 90 degrees F. Archaeologists excavated a total of 1,918 shovel tests throughout the 132.7-hectare (327.9-acre) APE (Figure 9, Sheets 1-90).

Additional archaeological fieldwork was conducted May 31 to June 23, 2023. This fieldwork addressed areas that could not be accessed while in the field in 2022, alternate access routes, and storage and staging areas for matting generally adjacent to the ROW. Landscapes in the APE ranged from level to steep slope. Temperatures ranged between 50 and 82 degrees F. Archaeologists excavated a total of 538 shovel tests in the APE, now covering a total of 171.6 hectares (424.1 acres), for a total of 2,456 shovel tests.

Results are described by town following Figure 9, in order of decreasing structure numbers, traveling in a north-to-south direction. Each section represents relatively contiguous areas of testing, with predominantly similar stratigraphy. The figure shows shovel testing for surveys in 2015 and 2022 (labeled "previous" in the figure key) along with the 2023 testing (labeled "current" in the figure key).

Report pages 37 through 126 have been redacted from this report because they contain confidential archaeological information.

1. Highgate

a. Structures 421 to 420

A total of 43 shovel tests were excavated at Structures 421 and 420, including ROW access roads (see Figure 9, Sheet 1; Plates 1-3). One small section of ROW between Structures 421 and 420 was avoided because of visible ground disturbance (see Plate 3).

The typical stratigraphy from Structures 421 to 420, including a small section of access road that extended just outside the western edge of the ROW, varied greatly. Most tests consisted of two strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3), dark brown (10YR 3/3), dark grayish brown (10YR 4/2), or very dark grayish brown (10YR 3/2) silt loam or silty clay loam extending to an average of 18 centimeters (7 inches) bgs; and Stratum B (Bs horizon), generally a brown (10YR 5/3) or yellowish brown (10YR 5/6) silt or silty clay extending to an average of 33 centimeters (13 inches) bgs. Much of the area had been previously assessed as non-sensitive in a sensitivity model prepared for a smaller, overlapping portion of the APE that did not take into account all the surrounding features of the current project. Furthermore, a large portion of this area was noticeably disturbed; modern refuse included glass and plastic. No artifacts were retained.

b. Structures 419 and 418

West of the ROW, a small area of mapped sensitivity between Structure 419 and the VELCO Highgate Substation was deemed non-sensitive as it had been cut or graded for the substation pad (see Figure 9, Sheets 1-3). Slope, an artificial bench, and a road were present at Structure 418 (Plate 6).

In 2023 a small section of proposed access road off Highgate Road south of the intersection with VT 78 was assessed. The proposed access road follows an established gravel road and was deemed non-sensitive.

c. Structure 417

The area of mapped archaeological sensitivity near Structure 417 was deemed non-sensitive and not tested because of excessive slope and erosion (see Figure 9, Sheet 3; Plates 7 and 8).

d. Structures 416 to 415

A total of 42 shovel tests were excavated at Structures 416 and 415, including within-ROW access roads, a small section of access road that extended east toward Highgate Road, and close-interval testing within the boundary of the previously recorded Site VT-FR-0185/0223 (see Figure 9, Sheets 3 and 4; Plates 9-13). Two areas of mapped archaeological sensitivity near Structures 416 and 415 were deemed non-sensitive because of excessive slope and were not tested (see Figure 9, Sheet 2; see Plate 13).

The typical stratigraphy from Structures 416 to 415 varied greatly. Most tests consisted of two strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3), dark brown (10YR 3/3), or dark grayish brown (10YR 4/2) silt loam or silty clay loam extending to an average of 20 centimeters (7.87 inches) bgs; and Stratum B (Bs horizon), generally a dark gray (10YR 4/1) silty clay extending to an average of 36 centimeters (14.17 inches) bgs. Twelve tests were excavated to a third layer, with six distinct soil colors and five different textures, including a brown (10YR 5/3) sand and a gray (10YR 5/1) clay, to an average of 46 centimeters (18.11 inches) bgs.

PLATE 1: Structure 421, View North

PLATE 2: Access Road and Slope into Ravine South of Structure 421, View South

PLATE 3: Access Road Disturbance and Structure 420, View South

PLATE 4: Overview of Storage Area Between Structures 421 and 420, View South

PLATE 5: Overview of Storage Area Between Structures 421 and 420, View Southeast

PLATE 6: Slope, Artificial Bench and Road at Structure 418, View South

PLATE 7: Structure 417, View Southeast

PLATE 8: Slope and Erosion near Structure 417, View North

PLATE 9: Structure 416, View West

PLATE 10: Gravel Road near Structure 416, View Northeast

PLATE 11: Gravel Road South of Structure 416, View West

PLATE 12: Gravel Road East of Structure 416 to Structure 417, View North

PLATE 13: Structure 415, View North

In 2022 close-interval testing was completed within the boundary provided by the VDHP of the previously recorded Site VT-FR-0202 at Structure 416 (see Figure 9, Sheet 3). Prior survey testing at Structure 416 by Louis Berger found a single pre-Contact artifact and five post-Contact artifacts, along with modern plastic fragments (Willoughby 2016a, 2016b). The artifacts were consistent with those previously recovered from the Dalcourt Site (VT-FR-0185/0223), located to the south and mapped around Structure 415. It was also noted that the actual boundaries of these sites, originally located during a survey in advance of the Champlain Pipeline, are unclear. It was the opinion in 2016 that the site, as associated with Structure 416, was not significant, owing to the variable stratigraphy and unusual vertical distribution of artifacts. Louis Berger determined that there would be no impact to any intact resources in the area.

No additional pre-Contact or post-Contact were recovered at Structure 416 in 2022 to indicate that an intact portion of Site VT-FR-0202 lies within the project ROW. Modern refuse was found in Stratum B of two shovel tests, between 14 and 20 centimeters (5.51 and 7.87 inches) bgs and between 14 and 90 centimeters (5.51 and 35.43 inches) bgs, respectively, again demonstrating the lack of site integrity. In WSP's opinion no additional archaeological investigation or avoidance of this site is needed in the project ROW.

In 2022 close-interval testing was completed within the boundary provided by the VDHP of the previously recorded Dalcourt Site (VT-FR-0185/0223) at Structure 415 (see Figure 9, Sheet 3). Louis Berger tested this area in 2016 and recovered no cultural materials (Willoughby 2016a, 2016b). As mentioned above, the actual location of the site is not clear, and Louis Berger determined there would be no impact to intact resources in the area.

No additional artifacts were recovered at Structure 415 in 2022 to indicate that Site VT-FR-0185/0223 is within the VDHP site boundary where it overlies the project area. In WSP's opinion no additional archaeological investigation or avoidance of this site is needed in the project ROW.

e. Structures 414 to 412

A total of 81 shovel tests were excavated at Structures 414, 413, and 412, including within-ROW access roads and a small segment of access road that extends out the ROW to the west to avoid a pond (see Figure 9, Sheets 4 and 5; Plates 14-20). Some areas of mapped archaeological sensitivity near Structures 414 to 412 were deemed non-sensitive and not excavated because of a built-up berm, bedrock at surface, a pond, and excessive slope.

The typical stratigraphy from Structures 414 to 412 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam extending to an average of 21 centimeters (8.27 inches) bgs; and Stratum B (Bs horizon), a yellowish brown (10YR 5/4) silty sand extending to an average of 37 centimeters (14.57 inches) bgs. Twenty of these shovel tests had an additional stratum: Stratum C (BC horizon), most commonly a dark grayish brown (10YR 4/2) sand or silty sand extending to an average of 48 centimeters (18.9 inches) bgs. One shovel test contained modern trash, including nails, plate glass, and brick. No additional pre-Contact or post-Contact cultural materials were located in this surveyed area.

No artifacts were recovered near Structure 412, within the buffered boundary of previously recorded Site VT-FR-0203 (see Figure 9, Sheet 5). In addition, previous direct testing around the structure by Louis Berger in 2015 and by WSP in 2022 yielded no artifacts. As the boundary used during testing for this site was based on a buffer of a point west of the ROW, it appears most likely that Site VT-FR-0203 does not extend into the ROW. In WSP's opinion no avoidance or additional archaeological investigation is needed within the project ROW at this location.

PLATE 14: Excavations at Structure 414, View Southwest

PLATE 15: Shovel Test S414-1, North Wall Profile

PLATE 16: Overview Showing Location of Shovel Tests S414-1B to 4B, View South

PLATE 17: Shovel Test S414-1B West Wall Profile

PLATE 18: Excavations at Structure 413, View North

PLATE 19: Pond East of Structure 413, View Southeast

PLATE 20: Structure 412, View South

During 2023 seven shovel tests were excavated at Structure 414. These consisted of four placed at 10-meter intervals and three placed at 5-meter intervals when one initial shovel test was found to be positive for post-Contact artifacts (see Figure 9, Sheet 4; see Plates 16 and 17).

The stratigraphy in the additional tests was somewhat inconsistent. Shovel Tests 1B through 3B and associated close-interval tests were on a relatively flat elevated area next to a disused mobile home. Shovel Test 4B was on a lower area and was the farthest from the mobile home. Shovel Test 1B consisted of three strata: Stratum A, a dark grayish brown (10YR 4/2) sandy loam extending to 18 centimeters (7.09 inches) bgs; Stratum B, a brown (10YR 4/3) sandy loam extending to 28 centimeters (11.02 inches) bgs; and Stratum C, a mixture of dark yellowish brown (10YR 4/6), yellowish brown (10YR 5/6), and yellowish brown (10YR 5/4) sands. The three close-interval shovel tests around 1B all consisted of two strata: Stratum A, a dark brown (10YR 3/3) sandy loam extending to between 21 and 29 centimeters (8.27 and 11.02 inches) bgs; and Stratum B, a yellowish brown (10YR 5/6) sandy loam extending to between 43 and 57 centimeters (16.93 and 22.44 inches) bgs. Shovel Test 2B consisted of two strata: Stratum A, a grayish brown (10YR 5/2) sand extending to 14 centimeters (5.51 inches) bgs; and Stratum B, a yellowish brown (10YR 5/8) sandy loam extending to 48 centimeters (18.90 inches) bgs. Shovel Test 3B consisted of two strata: Stratum A, a brown (10YR 5/3) sand extending to 18 centimeters (7.09 inches) bgs; and Stratum B, a yellowish brown (10YR 5/8) sand extending to 61 centimeters (24.02 inches) bgs. Shovel Test 4B consisted of three strata: Stratum A, a dark grayish brown (10YR 4/2) sandy loam extending to 13 centimeters (5.12 inches) bgs; Stratum B, a dark yellowish brown (10YR 4/4) sand extending to 20 centimeters (7.87 inches) bgs; and Stratum C, a yellowish brown (10YR 5/6) coarse sand extending to 48 centimeters (18.90 inches) bgs.

Previously unrecorded Site TS 1834-03 is located approximately 8 meters (26.25 feet) west of Baker Road, south of and adjacent to the mobile home at 228 Baker Road. Artifacts recovered in this location include three types of ceramics, glass, machine-cut nails, unidentified metal fragments, and faunal material. Ten whiteware sherds were recovered, two of which are blue transfer-printed and the remainder undecorated. The two transfer-printed sherds are both rimsherds, and one is possibly from a piece of flatware; the form of the other could not be identified. A single undecorated whiteware sherd was assessed as likely from a piece of hollowware. Spalling is present on some of the undecorated material. Production date ranges for the transfer-printed material ranges are 1820-1915, and the end date for the undecorated ceramics extends to the year 2000. Three undecorated pearlware body sherds of indeterminate form were recovered, with a production date range of 1775-1840. A single possible undecorated creamware body sherd with spalling (one side completely), with a production range of 1762-1820 was also recovered. The final ceramic body sherd recovered is redware with a clear glaze. This undecorated fragment of hollowware exhibits wheel-thrown marks on the clear/lead glazed interior, and it has spalling on both the interior and exterior.

Two curved body fragments from glass vessels were recovered at this location, one colorless and one olive green. The green fragment appears to be mold-blown and likely not machine-made; however. no other information on the manufacture of these items could be determined.

Eight metal artifacts were recovered, all of which were ferrous. Four complete but corroded machine-cut nails and two shank fragments, along with a large burned machine-cut spike, were identified. The manufacture of such items began in 1830. Two unidentified pieces of metal were also recovered.

Four fragments of faunal material were recovered. Two were identified as coming from a cow: one cranial tooth with the roots snapped off and a pubis fragment with saw and rodent gnaw marks present. Two other mammal bone fragments, one with possible cut marks, were also found.

Most artifacts, those from Shovel Tests 1B 5S and 1B 5E, came from Stratum A, no more than 28 centimeters (11.02 inches) bgs. Only those materials in Shovel Test 1B came from Stratum B, between 21

and 28 centimeters (8.27 and 11.02 inches) bgs. These consisted of the cow tooth fragment, two machine-cut nail fragments, the unidentified metal fragment, one piece of pearlware, and three whiteware sherds.

In Shovel Test 1B, modern glass was found in Stratum A (0 to 18 centimeters bgs [0 to 7.09 inches] bgs), and plastic in Stratum B (18 to 28 centimeters [7.09 to 11.02 inches) bgs with square nails, ceramics, and faunal material. Shovel Test 2B, Stratum A contained modern metal and ceramics (0 to 14 centimeters [0 to 5.51 inches] bgs). Shovel Test 3B, Stratum B contained brick and modern glass (18 to 61 centimeters [7.09 to 24.02 inches] bgs). In the close-interval shovel test 5 meters east of Shovel Test 1B, modern window glass and wire nails were in Stratum A (0 to 28 centimeters [0 to 11.02 inches] bgs) with post-Contact artifacts such as ceramics, glass, and square nails. These data suggest that there are no intact deposits in this location, and it is WSP's opinion that the site lacks the integrity for NRHP eligibility under Criterion D. It is WSP's opinion that no additional testing or avoidance is needed at this location.

f. Structures 409 to 408

A total of 30 shovel tests were excavated at Structures 409 and 408, including within-ROW access roads (see Figure 9, Sheet 6; Plates 21-24). Some areas of mapped archaeological sensitivity in the ROW and along out-of-ROW access roads were not tested because of standing water.

Typical stratigraphy from Structures 409 to 408 consisted of three strata: Stratum A (Bh or Bhs horizon), generally a brown (10YR 4/3) sandy loam extending to an average of 11 centimeters (4.33 inches) bgs; Stratum B (Bs horizon), a dark yellowish brown (10YR 4/6 or 5/6) or yellowish brown (10YR 5/6 or 5/8) sand extending to an average of 26 centimeters (10.24 inches) bgs; and Stratum C (BC horizon), a brown (10YR 5/3) sand extending to an average of 34 centimeters (13.39 inches) bgs. No shovel test in this area contained cultural materials. Four shovel tests were excavated along out-of-ROW access roads. West of the ROW between Structures 408 and 409, a segment of access road extended north to Structure 410 and mostly followed an existing dirt road/trail (see Figure 9, Sheet 5). The two tests along the access road between Structures 408 and 409 revealed two strata: Stratum A (Bh or Bhs horizon), a black (10YR 2/1) silt loam extending to 6 centimeters (2.36 inches) bgs; and Stratum B (Bs horizon), a yellowish brown (10YR 5/8) sandy loam extending to 25 centimeters (9.84 inches) bgs. The single test that could be placed in the area leading to Structure 410 had three strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3) with patches of very dark brown (10YR 2/2) sandy loam extending to 18 centimeters (7.09 inches) bgs; Stratum B (Bs horizon), a dark yellowish brown (10YR 4/6) sand extending to 39 centimeters (15.35 inches) bgs; and Stratum C (BC horizon), a light olive brown (2.5Y 5/3) coarse sand extending to 59 centimeters (23.23 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

g. Structure 407

The area of mapped archaeological sensitivity in the ROW south of Structure 417 was found to have excessive slope and was deemed non-sensitive (see Figure 9, Sheets 6 and 8).

h. Structures 406 to 399

A total of 62 shovel tests were excavated at Structures 406, 405, 404, 403, and associated within-ROW access roads (see Figure 9, Sheets 7-9; Plates 25 and 26). Areas of sensitivity along the segment of access road outside the ROW between Structures 401 and 405 lay along an established paved road or were in an active quarry and were deemed non-sensitive (see Figure 9, Sheets 7 and 8). Typical stratigraphy from Structures 406 to 403 consisted of three strata: Stratum A (Bh or Bhs horizon), generally a very dark brown (10YR 2/2) or very dark grayish brown (10YR 3/2) sandy loam extending to an average of 13

PLATE 21: Structure 409, View North

PLATE 22: Structure 409, View South

PLATE 23: Structure 408, View Northwest

PLATE 24: Shovel Test S408-11, South Wall Profile

PLATE 25: Structure 405, View Southwest

PLATE 26: Excavations at Structure 403, View Southeast

centimeters (5.12 inches) bgs; Stratum B (Bs horizon), a dark yellowish brown (10YR 5/6) or yellowish brown (10YR 5/6) sand extending to an average of 28 centimeters (11.924 inches) bgs; and Stratum C (BC horizon), a brown (10YR 5/3) or dark yellowish brown (10YR 3/8 or 4/6) sand extending to an average of 35 centimeters (13.78 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

i. Structures 398 to 397

A section of the ROW with mapped archaeological sensitivity between Structures 398 and 397 contained excessive slope and exposed bedrock (see Figure 9, Sheet 12). This section was deemed non-sensitive.

2. Swanton

a. Structures 396 to 393

A total of 74 shovel tests were excavated at Structures 396, 395, 394, 393, and associated within-ROW access roads (see Figure 9, Sheets 12 and 13; Plates 27-32). Some areas of mapped sensitivity in the ROW between Structures 396 and 393 were deemed non-sensitive because of slope or standing water and not tested.

Typical stratigraphy from Structures 396 to 393, including within-ROW access roads, consisted of two strata: Stratum A (Bh or Bhs horizon), a dark or very dark grayish brown (10YR 4/2 or 3/2) or very dark brown (10YR 2/2) silt loam extending to an average of 21 centimeters (8.27 inches) bgs; and Stratum B (Bs horizon), which had very little consistency, although the most common soil was a dark gray (10YR 4/1) sand extending to an average of 35 centimeters (13.78 inches) bgs. Nineteen shovel tests had a Stratum C (BC horizon), which had little color consistency, ranging from a light olive brown (2.5YR 5/3) to a yellow brown (10YR 5/6) sand or silty sand to an average of 42 centimeters (16.54 inches) bgs. One shovel test near Structure 396 contained a piece of modern clear glass, which was discarded.

Four shovel tests were excavated east of Structure 394, along a segment of access road extending outside the ROW and turning south to reenter near Structure 391 (see Figure 9, Sheet 13). These tests consisted of two strata: Stratum A (Bh or Bhs horizon), a dark gray brown (10YR 4/2) silt loam extending to an average of 24 centimeters (9.45 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1 or 6/1) silty clay extending to an average of 36 centimeters (14.17 inches) bgs. The four tests yielded no cultural materials.

b. Structures 392 to 391

A total of 40 shovel tests were excavated at Structures 392, 391, and associated within-ROW access roads (see Figure 9, Sheets 14; Plate 33).

The typical stratigraphy from Structures 392 to 391 consisted of one stratum: Stratum A (Bh or Bhs horizon), generally a brown (10YR 4/3) or very dark grayish brown (10YR 4/2) sandy loam extending to an average of 27 centimeters (10.63 inches) bgs, ending at a rock or gravel impasse. Fourteen shovel tests contained a Stratum B (Bs horizon), a dark yellowish brown (10YR 5/6) or yellowish brown (10YR 5/6) sand extending to an average of 46 centimeters (18.11 inches) bgs. Modern refuse included landscape fabric, a piece of ceramic insulator, and a piece of whiteware. No artifacts were retained.

A total of 11 shovel tests were excavated along a section of access road outside the ROW west of Structure 391 (see Figure 9, Sheet 13). The typical stratigraphy along the access road revealed one stratum: Stratum A (Bh or Bhs horizon), generally a brown (10YR 4/3) or very dark grayish brown (10YR 4/2) sandy loam extending to an average of 28 centimeters (11.02 inches) bgs, ending at a rock or gravel impasse. Four shovel tests contained a Stratum B (Bs horizon), generally a dark yellowish brown (10YR 4/6) silty or loamy sand to an average of 46 centimeters (18.11 inches) bgs.

PLATE 27: Structure 396 and Wetlands, View North

PLATE 28: Structure 395, View North

PLATE 29: Structure 395, View South

PLATE 30: Shovel Test AR8-2, East Wall Profile

PLATE 31: Excavations at Structure 394, View North

PLATE 32: Ravine with Slope to Wetland South of Structure 394, View Southwest

PLATE 33: Excavations at Structure 391, View South

PLATE 34: Structure 390, on Ridge Crest, View Northwest

In 2023 an additional nine shovel tests were excavated northwest of the ROW near Structure 392, to cover off-ROW access road routing options (see Figure 9, Sheet 14). The typical stratigraphy in this area were similar to those completed along the proposed access road tested in 2022, generally a single stratum: Stratum A (Bh or Bhs horizon), generally a dark brown (10YR 3/3) silt loam extending to an average of 26 centimeters (10.24 inches) bgs, ending in a rock impasse. No shovel tests in this surveyed area contained any cultural material.

c. Structure 390

The mapped archaeologically sensitive area around Structure 390 was found to have excessive slope and exposed bedrock and was deemed non-sensitive (see Figure 9, Sheet 14; Plates 34-37).

d. Structure 389

The mapped archaeologically sensitive area near Structure 389 was found to have excessive slope and exposed bedrock and was deemed non-sensitive (see Plate 9, Sheet 15).

A total of five shovel tests were excavated in the agricultural field adjacent to the mapped archaeologically sensitive area near Structure 389 to verify the non-sensitivity of the adjacent area (see Figure 9, Sheet 15; Plate 38). The typical stratigraphy near Structure 389 consisted of one stratum: Stratum A (Bh or Bhs horizon), generally a dark yellowish brown (10YR 4/6) or silt loam extending to an average of 17 centimeters (6.69 inches) bgs, ending at a compact rock and gravel impasse.

e. Structure 387

A total of 28 shovel tests were excavated at Structure 387 and associated within-ROW access roads (see Figure 9, Sheets 15 and 16; Plates 39 and 40). The typical stratigraphy at Structure 387 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam extending to an average of 25 centimeters (9.84 inches) bgs; and Stratum B (Bs horizon), most commonly a gray (10YR 5/1) or grayish brown (10YR 5/2) silty clay extending to an average of 38 centimeters (14.96 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

f. Structure 386

The mapped archaeologically sensitive area near Structure 386 was found to have excessive slope and exposed bedrock and was deemed non-sensitive (see Figure 9, Sheet 16; Plate 41).

g. Structures 381 to 378

A total of 89 shovel tests were excavated at Structures 381, 380, 379, 378, and associated within-ROW access roads (see Figure 9, Sheets 17 and 18; Plates 42-45). The typical stratigraphy from Structures 381 to 378 consisted of two strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3 or 5/3) silt loam extending to an average of 18 centimeters (17.09 inches) bgs; and Stratum B (Bs horizon), most commonly a brown (10YR 5/3) or a grayish brown (10YR 5/2) silty clay extending to an average of 29 centimeters (11.42 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

h. Structures 376 to 375

The area of mapped archaeological sensitivity between Structures 376 and 375 south of the area of mapped wetlands was found to be covered with standing water and deemed non-sensitive (see Figure 9, Sheet 19; Plate 46). The area of mapped archaeological sensitivity near Structure 375 was found to have excessive slope and exposed bedrock and was also deemed non-sensitive.

PLATE 35: Exposed Bedrock on Ridge Crest at Structure 390, View North

PLATE 36: Exposed Bedrock and Slope at Structure 390, View East

PLATE 37: Exposed Bedrock and Slope at Structure 390, View North

PLATE 38: Slope South of Structure 389, View North

PLATE 39: Excavations at Structure 387, View Northwest

PLATE 40: Shovel Test S387-7, North Wall Profile

PLATE 41: Exposed Bedrock South of Structure 386, View South

PLATE 42: Structure 380, View West

PLATE 43: Structure 379, View South

PLATE 44: Structure 378, View North

PLATE 45: Structure 378 and Wetlands South of Structure, View South

PLATE 46: Structure 375 and Wetlands South of Structure, View South

PLATE 47: Excavations at Structure 367, View North

i. Structures 372 to 369

The sections of access road between Structure 369 and Highgate Road that were mapped archaeologically sensitive were on Town Highway (TH) 25, an established dirt and gravel road with graded shoulders and ditches and were not tested.

A total of 30 shovel tests were excavated at Structures 372, 371, 370, 369, and associated within-ROW access roads (see Figure 9, Sheets 21 and 22). The typical stratigraphy from Structures 372 to 369 consisted of a single stratum: Stratum A (Bh or Bhs horizon), a very dark brown (10YR 2/2) silt loam extending to an average of 11 centimeters (4.33 inches) bgs, ending at a bedrock impasse. No shovel tests in this surveyed area contained any cultural materials.

j. Structures 368 to 365

A total of 90 shovel tests were excavated at Structures 367, 366, 365, and associated within-ROW access roads (see Figure 9, Sheets 22-25; Plates 47-49). The area of mapped archaeological sensitivity south of Structure 365 was on a slope and along the shoulder of Interstate 89 and was deemed non-sensitive. Structure 367 was located on a bedrock knoll and the area of mapped archaeological sensitivity was deemed non-sensitive.

The typical stratigraphy from Structures 368 to 365, including within-ROW access roads, consisted of a single stratum: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3 or 5/3) silt loam extending to an average of 17 centimeters (6.69 inches) bgs, ending at a bedrock impasse. Twenty-nine shovel tests included a second stratum: Stratum B (Bs horizon), generally a grayish brown (10YR 5/2) silty clay loam extending to an average of 29 centimeters (11.42 inches) bgs, many ending at a bedrock impasse. Only modern refuse, a piece of plastic, was found in one shovel test in this surveyed area.

k. Structure 363

Structure 363 was located in the median between the Interstate 89 northbound and southbound lanes. The area of mapped archaeological sensitivity was not accessed during fieldwork because no safe access was available (see Figure 9, Sheet 25).

l. Structure 362

A total of 16 shovel tests were excavated at Structure 362 and associated within-ROW access roads (see Figure 9, Sheet 26; Plates 50 and 51).

The typical stratigraphy at Structure 362 consisted of two strata: Stratum A (Bh or Bhs horizon), generally a very dark grayish brown (10YR 3/2) or dark brown (10YR 3/3) silty clay loam extending to an average of 21 centimeters (8,27 inches) bgs; and Stratum B (Bs horizon), which varied greatly from a dark grayish brown (2.5Y 4/2) silty clay to yellowish brown (10YR 5/4) sandy clay and extended to an average of 33 centimeters (12.99 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

m. Structure 361

The area of mapped archaeological sensitivity south of Structure 361 was found to have standing water and was deemed non-sensitive (see Figure 9, Sheet 26).

PLATE 48: Exposed Bedrock Ledge West of Structure 367, View East

PLATE 49: Rocky Knoll at Structure 367, View South

PLATE 50: Structure 362, View Northeast

PLATE 51: Shovel Test 362-14, North Wall Profile

n. Structures 360 to 359

A total of six shovel tests were excavated at Structures 360, 359, and associated within-ROW access roads (see Figure 9, Sheet 27; Plates 52 and 53). Portions of the mapped archaeologically sensitive area near Structures 360 and 359 were found to be on excessive slope and had exposed bedrock and were deemed non-sensitive.

The typical stratigraphy from Structures 360 to 359 consisted of two strata: Stratum A (Bh or Bhs horizon), a very dark gray (10YR 3/1) silty clay loam extending to an average of 24 centimeters (9.45 inches) bgs; and Stratum B (Bs horizon), a yellowish brown (10YR 5/4) silty or sandy clay extending to an average of 45 centimeters (17.72 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

o. Structure 357

A total of seven shovel tests were excavated at Structure 357 (see Figure 9, Sheet 28; Plates 54-58). One area of mapped archaeological sensitivity in the ROW south of Structure 357 and east of Gauthier Drive was found to have standing water and was deemed non-sensitive. Another area west of Gauthier Drive was found to have bedrock at the surface or was in a roadside ditch and was deemed non-sensitive.

The typical stratigraphy at Structure 357 consisted of two strata: Stratum A (Bh or Bhs horizon), a very dark grayish brown (10YR 4/2) silty clay loam extending to an average of 30 centimeters (11.81 inches) bgs; and Stratum B (Bs horizon), a light brownish gray (10YR 6/2) silty clay extending to an average of 42 centimeters (16.54 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

p. Structures 356 to 355

A total of three shovel tests were excavated at Structure 355 (see Figure 9, Sheet 28; Plates 59 and 60). The areas of mapped archaeologically sensitivity between Structures 356 and 355 that were not wooded all contained areas of visible bedrock at the surface, and the judgmental shovel tests placed in that area showed little deposition, so those areas were deemed non-sensitive. Two wooded areas of mapped archaeologically sensitivity between Structures 356 and 355 were found to have exposed bedrock at the surface and were deemed non-sensitive (see Plate 60).

The typical stratigraphy at Structures 355 consisted of a single stratum: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3) silt loam extending to an average of 18 centimeters (7.09 inches) bgs, ending at a rocky impasse. No shovel tests in this surveyed area contained any cultural materials.

q. Structures 350 to 349

A total of 24 shovel tests were excavated at Structures 350, 349, and associated within-ROW access roads (see Figure 9, Sheet 30; Plates 61-64). Much of the area of mapped archaeological sensitivity between Structures 350 and 349 had either been impacted by housing construction or contained only a thin layer of soil on bedrock, as was shown through the judgmental tests placed in this area.

The typical stratigraphy from Structures 350 to 349 consisted of two strata: Stratum A (Bh or Bhs horizon), generally a brown (10YR or 7.5 YR 4/3) silt loam extending to an average of 21 centimeters (8.27 inches) bgs; and, in half of the shovel tests, a Stratum B (Bs horizon), a brown (10YR 5/3) silt loam extending to an average of 43 centimeters (16.93 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

PLATE 52: Structure 360, View Southwest

PLATE 53: Exposed Bedrock at Structure 359, View South

PLATE 54: Excavations South of Structure 357, Standing Water in Lawn, View East

PLATE 55: Shovel Test 357-8, North Wall Profile

PLATE 56: Location of S357-1A (Unexcavated) Showing Exposed Bedrock, View Northeast

PLATE 57: Location of S357-2A (Unexcavated) Showing Gravel, Asphalt, and Exposed Bedrock, View Northeast

PLATE 58: Location of S357-3A (Unexcavated) Showing Barbed Wire Fence and Ditch, View Northeast

PLATE 59: Garden South of Structure 356, View East

PLATE 60: Structure 355, Exposed Bedrock and Garden Plots, View Southwest

PLATE 61: Excavations at Structure 350, View North

PLATE 62: Overview of Structure 350, View Northeast

PLATE 63: Shovel Test 350-7, East Wall Profile

PLATE 64: Overview of Structure 349, View Southwest

r. Structure 345

A total of 19 shovel tests were excavated at Structure 345 (see Figure 9, Sheet 33; Plates 65 and 66).

The typical stratigraphy at Structure 345 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam extending to an average of 26 centimeters (10.24 inches) bgs; and Stratum B (Bs horizon), a strong brown (7.5YR 5/6) silty clay extending to an average of 41 centimeters (16.14 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

s. Structure 340

A total of three shovel tests were excavated at Structure 340 (see Figure 9, Sheet 34; Plate 67).

The typical stratigraphy at Structure 345 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam extending to an average of 29 centimeters (11.42 inches) bgs; and Stratum B (Bs horizon), either a yellowish brown (10YR 5/6) silty clay or a dark grayish brown (2.5YR 4/2) coarse sand extending to an average of 49 centimeters (19.29 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

3. Saint Albans

a. Structure 339

At Structure 339 three areas of mapped archaeological sensitivity were found to have standing water and were assessed as non-sensitive (see Figure 9, Sheet 34).

b. Structures 338 to 335

A total of 49 shovel tests were excavated at Structures 338, 337, 336, 335, and associated within-ROW access roads (see Figure 9, Sheets 35 and 36; Plates 68-72). Part of the testing area surrounding Structure 337 was covered with vines, shrubs, and brambles that could not be removed with hand tools, therefore preventing testing of this portion of the ROW (see Figure 9, Sheet 33). Tests were placed as close to the structure as possible. Heavy brush-cutting equipment would be necessary to clear this inaccessible area before assessment of this area near Structure 337 can occur. The segment of access road extending east from Structure 336 to Kellogg Road was an established farm road and was deemed non-sensitive (see Figure 9, Sheet 33).

The typical stratigraphy from Structures 340 to 337 consisted of two strata: Stratum A (Bh or Bhs horizon), generally a dark grayish brown (10YR 4/2) silt loam extending to an average of 27 centimeters (10.63 inches) bgs; and Stratum B (Bs horizon), a yellowish brown (10YR 5/4) sandy loam extending to an average of 41 centimeters (16.14 inches) bgs. One shovel test contained modern brick and glass, which were discarded in the field.

In 2023 an additional seven shovel tests were excavated near Structure 337 after brush-clearing equipment was brought in to clear the area. These additional shovel tests, on both sides of a gully, displayed very little consistency. No shovel tests in this surveyed area contained any cultural materials (see Figure 9, Sheet 35).

c. Structures 333 to 328

A total of 98 shovel tests were excavated at Structures 333, 332, 331, 330, 329, 328, and associated within-ROW access roads (see Figure 9, Sheets 36-38; Plates 73-76).

PLATE 65: Excavations at Structure 345, View Southwest

PLATE 66: Shovel Test 345-14, North Wall Profile

PLATE 67: Structure 340, View South

PLATE 68: Excavations North of Structure 338, View East

PLATE 69: Area North of Structure 337 Blocked by Shrubs, Vines, and Brambles, View Southwest

PLATE 70: Shovel Test 337-J1, West Wall Profile

PLATE 71: Structure 336, View Northeast

PLATE 72: From Structure 336 to Structure 335, View Southwest

PLATE 73: Excavations at Structure 331, View South

PLATE 74: From Structure 329 to Structure 330, View Northeast

PLATE 75: Structure 329, View Southwest

PLATE 76: Structure 328, View North

PLATE 77: Overview from Northeast Corner of Parcel, Showing Grasses Among Staghorn Sumac and Vines, View West

The typical stratigraphy from Structures 340 to 337 consisted of two strata: Stratum A (Bh or Bhs horizon), generally a dark brown (10YR 3/3) or dark grayish brown (10YR 4/2) silty clay loam extending to an average of 23 centimeters (9.06 inches) bgs; and Stratum B (Bs horizon), generally a gray (2.5Y 5/1 to 10YR 5/1) silty clay extending to an average of 37 centimeters (14.57 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

A total of 40 shovel tests were excavated in a parcel outside the ROW northwest of Structure 330 (see Figure 9, Sheet 37; Plates 77 and 78). A sizeable ditch and associated berm parallel to Lower Newton Road extends through a portion of the parcel and turns south, resulting in 17 locations untested because of the disturbance (Plate 79). The typical stratigraphy in this parcel consisted of two strata: Stratum A (Bh or Bhs horizon), generally a dark or very dark grayish brown (10YR 3/2 or 4/2) sandy loam extending to an average of 21 centimeters (8.27 inches) bgs; and Stratum B (Bs horizon) (Bh or Bhs horizon), generally a brown (10YR 4/3) sandy loam extending to an average of 43 centimeters (16.93 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

d. Structures 319 to 315

Four areas of archaeological sensitivity within the ROW between Structures 319 and 315 were found to have exposed bedrock at the surface, and were deemed non-sensitive (see Figure 9, Sheets 41 and 42; Plates 80-85).

e. Structures 312 to 311

Two areas of mapped archaeological sensitivity near Structures 312 and 311 were found to have exposed bedrock and were deemed non-sensitive (see Figure 9, Sheet 44; Plate 86).

f. Structures 310 to 309

A total of 12 shovel tests were excavated at Structures 310, 309, and associated within-ROW access roads (see Figure 9, Sheets 44 and 45; Plates 87 and 88).

The typical stratigraphy from Structures 310 to 309 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark brown (10YR 3/3) silt loam extending to an average of 20 centimeters (7.87 inches) bgs; and Stratum B (Bs horizon), a brownish yellow or yellowish brown (10YR 5/4 or 5/6) compact silt loam extending to an average of 36 centimeters (14.17 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

In 2023 a small area of archaeological sensitivity outside the ROW that may be used as a routing option for access roads was assessed. The area consisted of a road, a berm, and a ditch, and were deemed non-sensitive (see Figure 9, Sheets 44 and 45; see Plate 88).

g. Structures 307 to 306

The segment of access road extending east from between Structures 307 and 306 to Brigham Road was an established farm road and was deemed non-sensitive (see Figure 9, Sheet 47; Plate 89).

h. Structures 299 to 296x

A total of 19 shovel tests were excavated at Structures 297, 296x, and associated within-ROW access roads (see Figure 9, Sheets 49 and 50; Plates 90-92).

PLATE 78: Shovel Test P1-20 South Wall Profile

PLATE 79: View of Berm in Parcel 1, View North

PLATE 80: Overview of Structure 319 Showing Exposed Bedrock, View North

PLATE 81: Overview of Structure 318, View South

PLATE 82: Exposed Bedrock Near Structure 318

PLATE 83: Exposed Bedrock Near Structure 316

PLATE 84: Exposed Bedrock Near Northwest of Structure 316

PLATE 85: Exposed Bedrock Near Northwest of Structure 315

PLATE 86: Exposed Bedrock Northwest of Structure 311, View North

PLATE 87: Exposed Bedrock Northeast of Structure 310, View East

PLATE 88: Structure 309 on Exposed Bedrock, View North

PLATE 89: Access Road Between Structure 306 and Brigham Road

PLATE 90: Structure 297, View North

PLATE 91: Shovel Test 297-9, West Wall Profile

PLATE 92: Excavations at Structure 297, View South

PLATE 93: Overview of Parcel near Structure 297, View Northwest

The typical stratigraphy from Structures 299 to 296x consisted of two strata: Stratum A (Bh or Bhs horizon), most commonly a dark grayish brown (10YR 4/2) silt loam extending to an average of 26 centimeters (10.24 inches) bgs; and Stratum B (Bs horizon), generally a brown (10YR 5/3 or 5/4) sandy loam extending to an average of 36 centimeters (14.17 inches) bgs. Aside from a piece of modern plastic, no shovel tests in this surveyed area contained any cultural materials.

During fieldwork in 2023, an additional 39 shovel tests were excavated in a field west of the ROW near Structure 297, north of Lake Road and east of Maple Ridge Road, near the intersection (see Figure 9, Sheet 50; Plates 93-95). The typical stratigraphy of shovel tests in the field near Structure 297 consisted of three strata: Stratum A (Bh or Bhs horizon), most commonly a dark brown (10YR 3/3) sandy loam extending to an average of 23 centimeters (9.06 inches) bgs; Stratum B (Bs horizon), generally a dark yellowish brown (10YR 3/4 or 4/4) sandy loam extending to an average of 44 centimeters (17.32 inches) bgs; and Stratum C (BC horizon), of sand of a widely varying colors extending to an average of 64 centimeters (25.20 inches) bgs.

Previously unrecorded Site TS 1834-05 was recorded in the parcel next to Structure 297. Five of the initial tests contained only post-Contact artifacts, one contained only pre-Contact artifacts, and one contained both post-Contact and pre-Contact artifacts. Additional testing at 5-meter intervals produced four additional shovel tests positive for only post-Contact artifacts, one with only pre-Contact artifacts, and one that contained pre-Contact and post-Contact artifacts. The site is bounded on the west by Maple Ridge Road, and testing was limited to the area in the APE on the south.

Artifacts consist of chert flakes, Euro-American ceramic fragments, and square nails. Three types of ceramics are represented in the artifacts recovered at this site. Most prevalent is whiteware, with seven sherds (three of them rimsherds), and the rest body sherds. Two body sherds and one rimsherd are undecorated and have general production date range of 1820-2000. One very small rimsherd was from a blue shell-edged molded rim and may have been pearlware. This fragment has a date range of 1820-1900. Two sherds are transfer-printed, one body sherd with blue, of an unidentified pattern, and one rimsherd with red, also with an unidentified pattern, although it contains a line of small consecutive dots along the edge. The two transfer-printed sherds have a manufacture date range of 1820-1915. The final body sherd of whiteware has an underglaze hand-painted design of bright green, although the design was not identified owing to the small size of the fragment. This final fragment was also the only one for which the form was tentatively identified, likely as hollowware. It also has the same production dates as the undecorated sherds.

Four pearlware fragments were recovered: two body sherds, one body spall fragment, and one footring sherd. The spall fragment is underglaze hand-painted with green lines but without an identifiable pattern, and also of an unidentified form. The production date range is 1775-1820. One body sherd with production dates from 1795 to 1820 and likely came from a piece of hollowware, which was underglaze hand-painted with a brown line. The footring sherd, which has blue pooling at the curves of the footring, and the second body sherd are otherwise undecorated, and neither could be identified as to form. Both of these fragments have a production date range of 1775-1840.

Two redware fragments consist of a clear glazed fragment of hollowware and an unglazed, eroded sherd of unidentified form. These sherds do not have associated manufacture dates.

The final three post-Contact artifacts are ferrous, corroded, machine-cut nails, produced as early as 1830.

One biface reduction and four early reduction flakes of gray slate constitute the pre-Contact artifacts recovered at this site.

PLATE 94: Shovel Test P2-1 South Wall Profile

PLATE 95: Shovel Test P2-3 West Wall Profile

All artifacts were found in Stratum A, between 0 and 41 centimeters (0 and 16.14 inches) bgs, except two machine-cut nails, which were found in Stratum B, between 7 and 37 centimeters (2.76 and 14.57 inches) bgs). Considering the depths at which the artifacts (along with modern materials such as window glass, wire nails, and plastic) were recovered, it appears that there is no consistent vertical distribution of materials and that the deposits are not intact. The assemblage was sparsely distributed and provides limited information. In WSP's opinion Site TS 1834-04 is not eligible for the NRHP under Criterion D and no additional testing or avoidance is needed.

An additional nine shovel tests were excavated in a parcel extending east and west of the ROW at Structure 296x (see Figure 9, Sheet 50). The typical stratigraphy in this parcel consisted of two strata: Stratum A (Bh or Bhs horizon), most commonly a dark brown (10YR 3/3) sandy loam extending to an average of 35 centimeters (13.78 inches) bgs; and Stratum B (Bs horizon), generally a dark yellowish brown (10YR 3/6 or 4/6) sandy loam extending to an average of 51 centimeters (20.08 inches) bgs.

i. Structures 291 to 288

A total of five shovel tests were excavated at Structure 291 and associated within-ROW access roads (see Figure 9, Sheets 51-53; Plate 96). Three areas of mapped archaeological sensitivity at Structures 291, 290, 289, and 288 contained exposed bedrock and were evaluated as non-sensitive.

The typical stratigraphy at Structure 291 consisted of one stratum: Stratum A (Bh or Bhs horizon), a gray brown (10YR 5/2) silt extending to an average of 23 centimeters (9.06 inches) bgs, ending at a bedrock impasse. No shovel tests in this surveyed area contained any cultural materials.

j. Structure 284

A total of nine shovel tests were excavated along the segment of access road extending east from Structure 284 to Bronson Road, although it was an established farm road (see Figure 9, Sheet 55; Plate 97). Tests were placed alongside the road in areas of archaeological sensitivity, as the farm road was narrow.

The typical stratigraphy consisted of two strata: Stratum A (Bh or Bhs horizon), a yellowish brown (10YR 5/4) silt loam extending to an average of 30 centimeters (11.81 inches) bgs; and Stratum B (Bs horizon), a brownish yellow (10YR 6/8) silty clay extending to an average of 43 centimeters (16.93 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

k. Structures 283 to 276

A total of 41 shovel tests were excavated at Structures 282, 281, 280, and associated within-ROW access roads (between Structures 279 and 280) (see Figure 9, Sheets 55-59; Plates 98-101). Much of the area of mapped sensitivity between Structures 283 and 280 has been disturbed by machinery, creating a smooth descent to the pond, or had excessive slope and exposed bedrock at surface. These areas were deemed non-sensitive. An area of mapped archaeological sensitivity south of Structure 277 was found to have exposed bedrock over much of the surface and was assessed as non-sensitive.

The typical stratigraphy from Structures 283 to 276 consisted of two strata: Stratum A (Bh or Bhs horizon), generally a very dark grayish brown (2.5YR or 10YR 3/2) silt loam extending to an average of 15 centimeters (5.91 inches) bgs; and Stratum B (Bs horizon), a brown or dark gray (10YR 5/3 or 4/1) silty clay extending to an average of 29 centimeters (5.91 and 17.72 inches) bgs. Multiple shovel tests in this area contained modern refuse; no artifacts were retained.

PLATE 96: Structure 291 with Surrounding Vine and Bramble Covered Bedrock, View West

PLATE 97: Excavations Along Access Road from ROW near Structure 284 to Bronson Road, View South

PLATE 98: Structures 282 and 281 with Wetlands, Pond, and Slope with Exposed Bedrock, View South

PLATE 99: Excavations at Structure 281, View South

PLATE 100: Shovel Test AR48-3, North Wall Profile

PLATE 101: Structure 277 with Shrubs and Exposed Bedrock, View North

4. Georgia

a. Structures 271 to 269

A total of 17 shovel tests were excavated at Structures 270, 269, and associated within-ROW access roads (see Figure 9, Sheet 61; Plates 102-105). The ROW from Structures 271 to 269 was filled with many closely spaced trees, which prevented access to the testing area (see Figure 9, Sheet 59, and Plates 102 and 103). In some areas trees had been cut and were covering the ground in the ROW, limiting movement, and preventing excavation of shovel tests. A line of shovel tests was placed along the centerline of the ROW, which was free of trees. The rest of the area would not be accessible until tree cutting and ground clearing had been completed.

The typical stratigraphy from Structures 271 to 269 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown or brown (10YR 4/2 or 4/3) silt loam extending to an average of 22 centimeters (8.66 inches) bgs; and Stratum B (Bs horizon), a yellowish brown (10YR 5/6) sand or a strong brown (7.5YR 5/6) clay extending to an average of 39 centimeters (15.35 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

East of Structure 269 a segment of access road lay within an area of archaeological sensitivity on a small, wooded path (see Plate 104). Two shovel tests were placed along this segment. The first consisted of Stratum A (Bh or Bhs horizon), a grayish brown (10YR 4/2) silt loam extending to 16 centimeters (6.30 inches) bgs, and Stratum B (Bs horizon), a yellow (2.5Y 8/6) silt to 43 centimeters (16.93 inches) bgs. The second consisted of Stratum A (Bh or Bhs horizon), a dark brown (10YR 3/3) silt loam extending to 13 centimeters (5.12 inches) bgs, and Stratum B (Bs horizon), a strong brown (7.5Y 5/6) clay to 33 centimeters (12.99 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

In 2023 a tree-cutting crew was brought to the area between Structures 271 and 269 to clear trees and logs to allow testing (see Figure 9, Sheet 61, and Plate 105). An additional 49 shovel tests were placed at these structures. Some areas still had limited access or remaining tree stumps and roots, although an attempt was made to keep shovel tests at 10-meter intervals. The typical stratigraphy from Structures 271 to 269 consisted of two strata: Stratum A (Bh or Bhs horizon), most commonly a black (10YR 2/1) silt loam extending to an average of 23 centimeters (9.06 inches) bgs; and Stratum B (Bs horizon), most commonly a dark yellowish brown (10YR 3/4 or 4/6) sandy clay loam extending to an average of 46 centimeters (18.11 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

b. Structures 268 to 264

A total of 19 shovel tests were excavated at Structures 266, 265, and associated within-ROW access roads (see Figure 9, Sheets 62 and 63; Plates 106-108). An area of mapped archaeological sensitivity between Structures 266 and 265 was found to be in a ditch along a roadway with standing water and was deemed non-sensitive. One area of mapped archaeological sensitivity between Structures 265 and 264 had excessive slope and was deemed non-sensitive. A small section of mapped archaeological sensitivity near Structure 264 was not tested after speaking with the landowner, who expressed concern about the possibility of his plantings being damaged. The segment of access road outside the ROW connecting Falls Road to Structure 264 was a private driveway and non-sensitive.

The typical stratigraphy from Structures 271 to 269 consisted of one stratum: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3 or 5/3) silt or silt loam extending to an average of 26 centimeters (10.24 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

In 2023 an additional six shovel tests were excavated at Structure 268 after the landowners removed an aggressive bull from the fenced area around the structure (see Figure 9, Sheet 62; Plate 109). The typical

PLATE 102: Structure 270 with Trees in ROW, View North

PLATE 103: Structure 269 with Trees in ROW, View South

PLATE 104: Proposed Access Road from Structure 269 to Bronson Road, View South

PLATE 105: Example of an Area Cleared for Testing near Structure 269, View West

PLATE 106: Structure 268 in Fenced Pasture, View South

PLATE 107: Structure 267, View North

PLATE 108: Structure 266 with Ditch, Wild Parsnip, View East

PLATE 109: Shovel Test S268-6 South Wall Profile

stratigraphy at Structure 268 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark or strong brown (10YR 3/3 or 4/6) silt loam extending to an average of 34 centimeters (13.39 inches) bgs; and Stratum B (Bs horizon), most commonly a brown (10YR 4/3) silty clay, clay loam, or silty clay loam, extending to an average of 47 centimeters (18.50 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

An additional 20 shovel tests were excavated at Structure 267, which had not been tested previously (see Figure 9, Sheet 62, and Plate 107). The typical stratigraphy near Structure 277 consisted of one stratum: Stratum A (Bh or Bhs horizon), generally a dark brown (10YR 3/3) silt loam extending to an average of 39 centimeters (15.35 inches) bgs, ending at a rocky impasse. Only eight shovel tests contained a second stratum, Stratum B (Bs horizon), most commonly a dark yellowish brown (10YR 3/6) silt loam extending to an average of 53 centimeters (20.87 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

c. Structures 261 to 256

A total of 103 shovel tests were excavated at Structures 259, 258, 257, and associated within-ROW access roads (see Figure 9, Sheets-68; Plates 110-113).

The typical stratigraphy from Structures 261 to 256 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark brown (10YR 3/3) silt loam or very dark grayish brown (10YR 3/2) silty clay extending to an average of 19 centimeters (7.48 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1) clay extending to an average of 33 centimeters (12.99 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

In 2023 an additional 47 shovel tests were excavated at Structure 260 and associated within-ROW access roads after the landowner informed VELCO that the cattle in the field were not aggressive and it was possible to work with them in the field (see Figure 9, Sheet 64). The typical stratigraphy around Structures 260 consisted of two strata: Stratum A (Bh or Bhs horizon), most commonly a very dark grayish brown (10YR 3/2) silt loam extending to an average of 16 centimeters (6.30 inches) bgs; and Stratum B (Bs horizon), most commonly a gray or grayish brown (10YR 5/1 or 5/2) clay with oxidation extending to an average of 37 centimeters (14.57 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

A total of 51 shovel tests were excavated west of the ROW between Structure 257 and Cline Road in an area to be used as an alternate access routing option for off-ROW access roads (see Figure 9, Sheets 65-67 and 70; Plates 114-116). The typical stratigraphy in this area consisted of two strata: Stratum A (Bh or Bhs horizon), most commonly a dark grayish brown (10YR 4/2) sandy clay loam extending to an average of 23 centimeters (9.06 inches) bgs; and Stratum B (Bs horizon), most commonly a brown or grayish brown (10YR 4/3 or 5/2) clay with oxidation extending to an average of 47 centimeters (18.50 inches) bgs. Some portions of this area were found to contain established farm roads and were deemed non-sensitive (Plate 117). No shovel tests in this surveyed area contained any cultural materials.

d. Structures 253 to 247

A total of 188 shovel tests were excavated at Structures 253, 252, 251, 250, 249, 248, 247, and associated within-ROW access roads (see Figure 9, Sheets 71-73; Plates 118-121). All sections of access road that lay within areas of archaeological sensitivity between Cline Road and Structure 247 were existing roads or heavily used farm roads and were non-sensitive.

The typical stratigraphy from Structures 253 to 247 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark or dark grayish brown (10YR 3/3 or 4/2) silty clay extending to an average of 26

PLATE 110: Structure 260, Barbed-Wire Fence Behind Farm Gate, View South

PLATE 111: Structure 258 and Area with Standing Water, View North

PLATE 112: Structure 257, View Northeast

PLATE 113: Shovel Test AR43-10, East Wall Profile

PLATE 114: Overview Showing Shovel Test Locations in Alternate Access Near Cline Road, View West

PLATE 115: Overview Showing Shovel Test Locations in Alternate Access Near Structure 257, View East

PLATE 116: Shovel Test AA1-16 South Wall Profile

PLATE 117: Existing Farm Road and Exposed Bedrock Between Cline Road and Structure 257, View Northeast

PLATE 118: Structure 253, View South

PLATE 119: Structure 250, View Northeast

PLATE 120: Structure 249, View Southwest

PLATE 121: Structure 248, View Southwest

centimeters (10.24 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1 or 6/1) clay extending to an average of 40 centimeters (15.75 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

No additional artifacts were recorded at the location of Site TS 1834.08-14 near Structure 251 (see Figure 9, Sheet 65), which were determined ineligible in 2016 (Louis Berger 2016). In WSP's opinion no avoidance or additional archaeological investigation of this site is needed within the project ROW.

A new off-ROW access road between Structure 253 and Cline Road was assessed and found to be an established but disused road (Horseshoe Barn Road).

An additional 100 shovel tests were placed within and next to a cornfield west of the ROW near Structure 247 for a proposed access road and mat storage area (see Figure 9, Sheet 73; Plates 122 and 123). Some of the area was not tested because of large compost piles and a garden. The typical stratigraphy in the mat staging area consisted of two strata: Stratum A (Bh or Bhs horizon), generally a brown (10YR 4/3) silty or sandy loam extending to an average of 22 centimeters (8.66 inches) bgs; and Stratum B (Bs horizon), most commonly a yellowish brown or dark yellowish brown (10YR 5/4 or 3/4, 3/6, 4/4) sandy loam extending to an average of 42 centimeters (16.54 inches) bgs. Approximately one third (35) of the shovel tests included a third stratum: Stratum C (BC horizon), most commonly a gray (10YR 6/1) sandy loam extending to an average of 57 centimeters (22.44 inches) bgs.

Previously unrecorded Site TS 1834-05 was identified approximately 100 meters west of Structure 247, straddling the edge of the cornfield (see Figure 9, Sheet 73). Five shovel tests at this site were positive for pre-Contact artifacts, and three pre-Contact surface finds were recorded within the cornfield.

All artifacts located at this site are chipped stone flakes or flake fragments. One early reduction flake (with cortex present) and one biface reduction flake of gray slate, and one biface reduction flake of blue-gray quartzite were found in the cornfield. The two biface reduction flakes were found on the surface, and the early reduction flake was found in Stratum B between 10 and 20 centimeters (3.94 and 7.87 inches) bgs. Two blue-gray quartzite biface reduction flakes were found in shovel tests in the grassy field west of the cornfield, both in Stratum B, between 18 and 35 centimeters (7.09 and 13.78 inches) bgs. One gray slate flake fragment was also found in the grassy area in Stratum A, between 0 and 24 centimeters (0 and 9.45 inches) bgs. An additional blue-gray quartzite flake was recovered from another shovel test in the grassy area but was lost in the field.

The artifacts do not provide enough information to deem the site as eligible for the NRHP; however, there may be more cultural material beneath the compost pile, which could not be tested, that could provide more information. The material found in the cornfield has been disturbed by years of plowing, but the deposits between the cornfield and the compost pile seemed to be intact. Ground disturbance in the area between the cornfield and compost pile should be avoided by using mats or stone on fabric. It is WSP's understanding that the landowner has stated that he will be turning or moving the compost pile. If the landowner moves the compost, the use of mats or stone on fabric should be used to safeguard any untested areas.

e. Structures 246 to 240

A total of 150 shovel tests were excavated at Structures 245, 244, 243, 242, 241, 240, and associated within-ROW access roads (see Figure 9, Sheets 73 to 79; Plates 124-129). A small area of mapped archaeological sensitivity near Structure 246 was found to be on a slope and was deemed non-sensitive.

The typical stratigraphy from Structures 245 to 240 consisted of two strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3 or 5/3) silty clay extending to an average of 22 centimeters (8.66 inches)

PLATE 122: Access Road and Mat Storage Area Near Structure 247, View West

PLATE 123: Shovel Test P4-72, North Wall Profile

PLATE 124: Structure 245, View North

PLATE 125: Overview of Site VT-FR-0458 (TS 1834-02), View Northeast

PLATE 126: Overview of Site VT-FR-0458 (TS 1834-02), View West

PLATE 127: Shovel Test S244-7, East Wall Profile

PLATE 128: Structure 242, View South

PLATE 129: Structure 244, View East

bgs; and Stratum B (Bs horizon), a gray (2.5Y or 10YR 5/1 or 6/1) silty clay extending to an average of 35 centimeters (13.78 inches) bgs.

Previously unrecorded Site VT-FR-0458 (Temporary Site 1834-02) was identified northwest of Structure 244, straddling the edge of a cornfield (see Plates 127-129). It lies approximately 45 meters (49.21 yards) east of Mill River (see Figure 9, Sheet 76). Five tests at the site were positive for pre-Contact artifacts.

The artifacts consist of both early and late reduction flakes and a chipped-stone tool (Plate 130). One early reduction flake was a dark gray chert, with some cortex, found in Stratum A between 0.0 and 2.36 inches (0.0 and 6 centimeters) bgs. Two early reduction flakes of black chert (possibly argillite) were found between 0.0 and 3.94 inches (0.0 and 10 centimeters) bgs. Eighteen biface reduction flakes were found: 15 of a light gray chert, two of a black chert (possibly argillite), and one of quartzite, 3.94 inches (10 centimeters) or less bgs. Eleven flake fragments of light gray chert were found 3.94 inches (10 centimeters) or less bgs. Two light gray cherts and one schist/siltstone piece of debitage were all found at less than 2.36 inches (6 centimeters) bgs. The tip and partial shaft of a chipped-stone drill of blue-gray quartzite was found between 0.0 and 2.36 inches (0.0 and 6 centimeters) bgs. A smooth quartzite cobble with a fragment broken off was also recovered on the surface near the positive tests; WSP has not determined if it was modified by human activity.

The condensed spatial nature of the artifacts at this site might suggest a relative degree of intact cultural deposits in this location. This, along with the presence of stone tools at this site, indicates that it could provide insight into the lifeways of Native Americans in Vermont. Further archaeological investigation would be needed to determine the relative eligibility of this site and its ability to provide significant archaeological data. In WSP's opinion the sited should be avoided, and if avoidance is not possible, further archaeological investigation should be conducted. Currently, VELCO plans to avoid this site with its proposed line design. WSP delineated the eastern part of the site to ensure that no impacts to the potentially eligible site would result from the proposed project activities. Access and work pads have been sited outside the site boundaries where shovel tests were negative for pre-Contact and post-Contact materials.

In 2023 an additional 140 shovel tests were placed east of the ROW in an area of routing options for off-ROW access in a cornfield between Structure 243 and Polly Hubbard Road (see Figure 9, Sheets 76-79; Plates 131-134). Some portions of mapped sensitivity here were found to be at low points in the cornfield with standing water or were outside the cornfield in wetlands (see Plates 133 and 134). Typical shovel tests in the area contained two strata: Stratum A (Bh or Bhs horizon), a dark brown or dark grayish brown (10YR 3/3 or 4/2) silt loam extending on average to 26 centimeters (10.24 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1) silty clay extending on average to 48 centimeters (18.90 inches) bgs.

Stratum B of one shovel test in this area contained two ferrous, corroded, machine-cut coffin nails, made as early as 1830, recovered between 34 and 45 centimeters (13.59 and 17.72 inches) bgs. A single isolated pre-Contact surface find was recorded, a brown chert biface reduction flake that was mostly intact, with some of the platform missing. These isolated finds are not eligible for the NRHP under Criterion D as there is no integrity of the assemblage and no evidence that they would yield important information on past occupation of the area. In WSP's opinion no additional testing or avoidance is needed.

f. Structures 234 to 231

A total of 149 shovel tests were excavated at Structures 234, 233, 232, 231, and associated within-ROW access roads (see Figure 9, Sheets 81 and 82; Plates 135-140). Typical stratigraphy from Structures 234 to 231 consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam or clay extending to an average of 18 centimeters (7.09 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1 or 6/1) silty clay extending to an average of 33 centimeters (12.99 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

PLATE 130: Argillite or Chert Flakes and Blue-Gray Quartzite Drill Fragment from Site VT-FR-0458

PLATE 131: Overview of Off-ROW Access Area between Polly Hubbard Road and Structure 243, View West

PLATE 132: Overview of Off-ROW Access Area between Polly Hubbard Road and Structure 243, View Northwest

PLATE 133: Standing Water in Off-ROW Access Area Between Polly Hubbard Road and Structure 243, View Northwest

PLATE 134: Standing Water in Off-ROW Access Area Between Polly Hubbard Road and Structure 243, View Northeast

PLATE 135: Structure 234, View North

PLATE 136: Structure 233, View North

PLATE 137: Shovel Test 223-33, South Wall Profile

PLATE 138: Structure 232, View South

PLATE 139: Shovel Test AR22-9, North Wall Profile

PLATE 140: Structure 231, View South

g. Structures 227 to 218

A total of 308 shovel tests were excavated at Structures 226, 225, 224, 223, 222, 221, 220, 219, 218, and associated within-ROW access roads (see Figure 9, Sheets 83-87; Plates 141-157). The area of mapped archaeological sensitivity near Structure 227 was covered in standing water and was deemed non-sensitive. Some of the mapped archaeologically sensitive area near Structure 226 was found to be on a slope into a drainage and was assessed as non-sensitive. All sections of access road that lay within an archaeologically sensitive area between Pattee Hill Road and Structure 226 were existing farm roads and were deemed non-sensitive. A portion of mapped archaeological sensitivity between Structure 224 and Pattee Hill Road was found to have standing water and was deemed non-sensitive. A large area of mapped archaeological sensitivity between Structure 220 and 219 was found to be either disturbed from to the construction of a man-made pond, in a drainage running to the pond, or in standing water; this area was deemed non-sensitive.

The typical stratigraphy from Structures 227 to 218 consisted of two strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3 or 5/3) or dark yellowish brown (10YR 4/4) silt loam extending to an average of 27 centimeters (10.63 inches) bgs; and Stratum B (Bs horizon), a gray (10YR 5/1) silty clay loam extending to an average of 43 centimeters (16.93 inches) bgs.

Previously identified Site VT-FR-0459 (Temporary Site 1834.08-13) is within a cornfield north of Structure 221 and extends to include Structure 222 (see Figure 9, Sheets 85 and 86, and Plate 150). This site was previously recorded with six positive pre-Contact tests, and WSP recorded an additional 10 positive tests during the current investigation, containing a total of 12 pre-Contact and four post-Contact artifacts. All artifacts, both pre- and post-Contact, came from the plowzone.

The four post-Contact artifacts consist of four small fragments of ceramics. One fragment is of an unidentified refined earthenware with brown glaze on one side. Another fragment is a rimsherd of possible blue shell-edge pearlware estimated to date between 1775 and 1840. Two fragments are whiteware: the first, with no visible decoration, was estimated to date between 1820 and 2000; and the second, with an internal ivy and Priory transfer print and an unidentified blue motif on the exterior, was estimated to date between 1820 and 1915. All ceramics were found in Stratum A, between 0.0 and 11.02 inches (0.0 and 28 centimeters) bgs.

Six biface reduction flakes of varying shades of gray, five chert, and one siltstone were found in Stratum A (between 0.0 and 27 centimeters [0.0 and 10.63 inches] bgs). One light gray/brown chert flake fragment, one very dark gray/brown possible flake fragment, and three pieces of debitage of a dark gray and a light gray/brown chert were found in Stratum A (between 0.0 and 28 centimeters [0.0 and 11.02 inches] bgs). A possible granite grinding stone was found in Stratum A (between 0.0 and 30 centimeters [0.0 and 11.81 inches] bgs).

Given the dispersed nature of the pre-Contact finds, the relative lack of artifact diversity, and their presence in a disturbed plowzone context, in WSP's opinion the pre-Contact component of this site is not eligible for the NRHP under Criterion D, and no further archaeological work or avoidance is needed for this site as it exists within the ROW. Similarly, given the paucity of post-Contact artifacts and their lack of association with any apparent historic structure, in WSP's opinion the post-Contact component of this site is not eligible for listing in the NRHP, and no further archaeological work or avoidance is needed for this site component as it exists within the ROW.

During 2023 fieldwork an additional shovel test was excavated between the existing farm road and Structure 225 along a proposed access road. This shovel test consisted of two strata: Stratum A (Bh or Bhs horizon), a dark yellowish brown (10YR 4/4) sandy loam extending to 10 centimeters (3.94 inches)

PLATE 141: Access Road North of Structure 226 and Slope Down to Wetlands, View North

PLATE 142: Access Road North of Structure 226, View South

PLATE 143: Structure 226, Landowner Refuse Dump and Firewood, View North

PLATE 144: Access Road South of Structure 226, View South

PLATE 145: Shovel Test AR23-5, West Wall Profile

PLATE 146: Structure 225, View South

PLATE 147: Structure 224, View North

PLATE 148: Shovel Test 224-14, North Wall Profile

PLATE 149: Structure 223, View South

PLATE 150: Shovel Test 221-36, East Wall Profile

PLATE 151: Area North of Structure 220, View North

PLATE 152: Structure 220 with Lawn and Pond on Left, View North

PLATE 153: Shovel Test 220-15, North Wall Profile

PLATE 154: Shovel Test 220-47, Southern Wall Profile

PLATE 155: Structure 219 with Pond and Standing Water, View North

PLATE 156: Structure 218, View South

PLATE 157: Shovel Test 218-13, South Wall Profile

PLATE 158: Structure 216, View South

bgs; and Stratum B (Bs horizon), brown (10YR 4/3) sandy loam extending to 38 centimeters (14.96 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

An additional three shovel tests were excavated east of the ROW just south of Structure 221 in a grassy field on either side of an earthen path over a small unnamed drainage. These shovel tests consisted of two strata: Stratum A (Bh or Bhs horizon), a dark grayish brown (10YR 4/2) silt loam extending to an average of 26 centimeters (10.24 inches) bgs; and Stratum B (Bs horizon), gray (10YR 6/1) clay loam extending to an average of 47 centimeters (18.50 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

h. Structures 216 to 212

A total of 18 shovel tests were excavated at Structures 216 and 212 (see Figure 9, Sheets 88 and 89; Plates 158-160). The area of mapped archaeological sensitivity south of Structure 212 was found to be on an eroding slope and was deemed non-sensitive.

The typical stratigraphy from Structures 216 to 212 consisted of three strata: Stratum A (Bh or Bhs horizon), a grayish brown (2.5Y 5/2) silt loam extending to an average of 23 centimeters (9.06 inches) bgs; Stratum B (Bs horizon), a light gray (2.5Y 7/2) or light olive brown (2.5Y 5/6) silty clay extending to an average depth of 33 centimeters (12.99 inches) bgs; and Stratum C (BC horizon) a brown (10YR 5/3) or light gray (2.5Y 7/2) silty clay extending to an average of 45 centimeters (17.72 inches) bgs. One shovel test in this area contained a piece of modern brick, which was discarded in the field.

i. Structure 210y

A total of 22 shovel tests were excavated at Structure 210y (see Figure 9, Sheet 90; Plates 161 and 162). The area of mapped sensitivity at Structure 210y has been heavily disturbed by the construction of the substation and was deemed non-sensitive.

The typical stratigraphy around Structure 210Y consisted of three strata: Stratum A (Bh or Bhs horizon), a brown (10YR 4/3) sand or dark yellowish brown (10YR 4/4) silt loam extending to an average of 29 centimeters (11.42 inches) bgs; Stratum B (Bs horizon), a strong brown (7.5YR 5/6 or 5/8) sandy loam extending to an average of 52 centimeters (20.47 inches) bgs; and Stratum C (BC horizon), a pale brown (10YR 6/3) sandy loam extending to an average of 68 centimeters (26.77 inches) bgs. No shovel tests in this surveyed area contained any cultural materials.

PLATE 159: Structure 212 Showing Slope, View South

PLATE 160: Shovel Test 212-2, North Wall Profile

PLATE 161: Structure 210y and Unlabeled Structure, View South

PLATE 162: Shovel Test 201y-21, South Wall Profile

V. Conclusions

On behalf of VELCO, WSP completed a Phase I Archaeological Identification Survey for the VELCO Franklin County Line Upgrade Project in the Towns of Highgate, Georgia, Saint Albans, and Swanton in Franklin County, Vermont. The project area consists of the existing transmission line ROW, which is 45.7 meters (150 feet) wide and approximately 26.7 kilometers (16.6 miles) long, and also includes the off-ROW access roads, alternate access areas, parcels, and mat staging and storage locations. This project area serves as the APE, measuring approximately 171.6 hectares (424.1 acres).

The goals of the current archaeological identification survey were to inspect the project area to confirm archaeological sensitivity and to conduct subsurface testing to identify archaeological resources in the defined APE. The survey included background research, field inspection, and subsurface testing. Five of the previously recorded sites are located within the project area boundaries (see Section A, below).

WSP excavated a total of 2,456 shovel tests throughout the APE. Sections of the APE contained slope greater than 15 percent as well as bedrock outcroppings and disturbed sections, and these areas were not shovel tested. The subsurface testing recovered pre-Contact and post-Contact (historic) artifacts representing one of the previously recorded sites (VT-FR-0459) and four new sites (VT-FR-0458, TS 1834-03, TS 1834-04, and TS 1834-05).

A. Previously Recorded Sites

1. Site VT-FR-0459, Structure 221

The previously recorded Site VT-FR-0459 in the vicinity of Structure 221 also encompasses Structure 222 and covers the width of the ROW. Pre-Contact artifacts were found to be lacking diversity, were dispersed, and came from a disturbed plowzone context; in WSP's opinion the pre-Contact component of this site is not eligible for listing in the NRHP and no further archaeological work or avoidance is needed for this site as it exists within the ROW. Given the paucity of post-Contact artifacts and their lack of association with any apparent historic structure, in WSP's opinion the post-Contact component of this site is not eligible for the NRHP and no avoidance or further archaeological work is needed for this site component as it exists within the ROW.

2. Site VT-FR-0202, Structure 416

In 2022 close-interval testing was completed within the boundary provided by VDHP of the previously recorded Site VT-FR-0202 at Structure 416 (see Figure 9, Sheet 3). Prior survey testing at Structure 416 by Louis Berger found a single pre-Contact artifact and five post-Contact artifacts, along with modern plastic fragments (Willoughby 2016a, 2016b). The artifacts were consistent with those previously recovered from the Dalcourt Site (VT-FR-0185/0223). It was also noted that the actual boundaries of these sites, originally located during a survey in advance of the Champlain Pipeline, are unknown. It was the opinion in 2016 that the site, as associated with Structure 416, was not significant, owing to the variable stratigraphy and unusual vertical distribution of artifacts. Louis Berger determined that there would be no impact to any intact resources in the area.

No additional pre-Contact or post-Contact were recovered at Structure 416 in 2022 to indicate that Site VT-FR-0202 lies within the project ROW. Modern refuse was found in two shovel tests, again demonstrating the lack of site integrity. In WSP's opinion no additional archaeological investigation or avoidance of this site is needed in the project ROW.

3. Site VT-FR-0185/0223, Structure 415

In 2022 close-interval testing was completed within the boundary provided by the VDHP of the previously recorded Dalcourt Site (VT-FR-0185/0223) at Structure 415 (see Figure 9, Sheet 3). Louis Berger tested this area and recovered no cultural materials from any shovel test (Willoughby 2016a, 2016b). As mentioned above, the actual location of the site is not known, and Louis Berger determined that there would be no impact to resources in the area.

No additional artifacts were recovered at Structure 415 in 2022 to indicate that Site VT-FR-0185/0223 is within the VDHP site boundary where it overlies the project area. In WSP's opinion no additional archaeological investigation or avoidance of this site is needed in the project ROW.

4. Site VT-FR-0203, Structure 412

No additional artifacts were recovered within Site VT-FR-0203 at Structure 412. In WSP's opinion no avoidance or additional archaeological investigation is needed within the project ROW at this location.

5. Site TS 1834.08-14, Structure 251

No additional artifacts were recorded at the location of Site TS 1834.08-14 near Structure 251, which were determined ineligible in 2016 (Louis Berger 2016). In WSP's opinion no avoidance or additional archaeological investigation of this site is needed within the project ROW.

B. Newly Identified Sites

1. Site VT-FR-0458 (TS-1834-02), Structure 244

The newly identified Site VT-FR-0458 (TS 1834-02) included five shovel tests positive for pre-Contact materials near Structure 244. The condensed spatial nature of the artifacts at this site might suggest a relative degree of intact cultural deposits in this location. This, along with the presence of stone tools, indicates that it could provide insight into the lifeways of Native Americans in Vermont. Further archaeological investigation would be needed to make a thorough statement about the eligibility of this site and its ability to provide significant archaeological data under Criterion D of the NRHP. In WSP's opinion the site should be avoided, and if avoidance is not possible, further archaeological investigation should be conducted. Currently, VELCO plans to avoid this site with its proposed line design. WSP delineated the eastern extent of the site to ensure no impacts to the potentially eligible site would result from the proposed project activities. Access and work pads have been sited outside the site boundaries where shovel tests were negative for pre-Contact and post-Contact materials.

2. Site TS 1834-05, Structure 247

The newly located Site TS 1834-05 was located within a mat storage/staging area near Structure 247. The site included five tests positive for pre-Contact artifacts in and next to a cornfield, and an additional three pre-Contact surface finds in the cornfield. The artifacts do not provide enough information to deem the site as eligible for the NRHP; however, the full extent of the site could not be determined, as a portion of the archaeologically sensitive area lies under a larger compost pile. The material found in the cornfield has been disturbed by years of plowing, but the deposits between the cornfield and the compost pile seemed to be intact. Ground disturbance in the area between the cornfield and compost pile should be avoided by using mats or stone on fabric. It is WSP's understanding that the landowner has stated that he will be turning or moving the compost pile. If the landowner moves the compost, the use of mats or stone

on fabric should be used to safeguard any untested areas. If unanticipated project changes occur in this area and ground disturbance becomes necessary, further testing should be performed.

3. Site TS 1834-03, Structure 414

During 2023 an additional seven shovel tests were excavated at Structure 414, locating previously unrecorded Site TS 1834-03. Artifacts recovered in this location include square nails, ceramic fragments, and pieces of animal bone. While excavating close-interval tests, it was discovered that modern materials such as wire nails were interspersed with the older artifacts, suggesting that the ground had been disturbed in the past. Artifacts located at this site generally had broad ranges of manufacturing dates, limiting the ability to accurately date the site. Therefore, it is WSP's opinion that the site lacks the integrity and adequate data to be eligible for the NRHP under Criterion D. Furthermore, it is WSP's opinion that no additional testing or avoidance is needed.

4. Site TS 1834-04, Structure 297

Previously unrecorded Site TS 1834-04 was located in the parcel next to Structure 297. Five of the initial tests contained only post-Contact artifacts, one contained only pre-Contact artifacts, and one contained both post-Contact and pre-Contact artifacts. Additional testing at 5-meter intervals produced four additional shovel tests positive for only post-Contact artifacts, one with only pre-Contact artifacts, and one that contained pre-Contact and post-Contact artifacts. After reviewing the depths at which the artifacts (along with modern materials such as window glass, wire nails, and plastic) were recovered, it appears that there is no consistent vertical distribution of materials and that the deposits are not intact. The assemblage was sparsely distributed and provides limited information. In WSP's opinion, the site is not eligible for the NRHP under Criterion D. No additional testing or avoidance is recommended.

5. Isolated Finds, Structure 243

In 2023 an additional 140 shovel tests were excavated east of the ROW in an area of routing options for off-ROW access in a cornfield between Structure 243 and Polly Hubbard Road. One shovel test in this surveyed area contained two square nails, and an isolated pre-Contact surface find of a light brown chert flake was recorded. As the shovel tests around the surface find did not contain any cultural resources, no site was defined.

The isolated finds near Structure 243 are not eligible for the NRHP under Criterion D as there is no integrity of the assemblage and no evidence that they would yield important information on past occupation of the area. In WSP's opinion no additional testing or avoidance is needed.

If the above conditions (i.e., avoidance of the one newly found potentially National Register-eligible site and mitigating ground disturbance with temporary matting or stone on fabric) are met, the FCLU Project will cause no undue adverse effects to any Historic Sites or National Register-eligible sites.

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Appendix A: Shovel Test Log

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S210Y	5	A	47	Grayish Brown (2.5Y 5/2)	Fine Loamy Sand	No Rock/Gravel	NCM	No Comments
S210Y	5	B	85	Light Olive Brown (2.5Y 5/6)	Very Fine Sand	No Rock/Gravel	NCM	No Comments
S210Y	5	C	100	Yellow (2.5Y 8/8)	Fine Sand	No Rock/Gravel	NCM	BOE
S210Y	6	A	25	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	6	B	37	7.5YR 5/6 Strong Brown	Silt loam		NCM	
S210Y	6	C	52	10YR 6/3 Pale Brown	Silt loam		NCM	BOE
S210Y	7	A	21	10YR 4/3 Brown	Sandy Loam		NCM	
S210Y	7	B	32	10YR 4/4 Dark Yellowish Brown	Sand		NCM	
S210Y	8	A	22	10yr 4/3 (brown)	Loamy Sand	5% gravel	NCM	No top soil - stripped
S210Y	8	B	34	10yr 5/8 (yellowish brown)	Sand	5% gravel	NCM	
S210Y	8	C	55	10yr 6/3 (pale brown)	Sand		NCM	
S210Y	9	A	18	10YR 3/3 Dark Brown	Silt loam	1% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	9	B	42	7.5YR 5/8 Strong Brown	Sandy loam	1% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	10	A	64	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	10	B	92	7.5YR 5/6 Strong Brown	Sandy loam		NCM	
S210Y	10	C	100	10YR 6/3 Pale Brown	Sandy loam		NCM	BOE
S210Y	11	A	60	10yr 4/3 (brown)	Sand	5% gravel	NCM	No top soil - stripped
S210Y	11	B	80	10yr 6/6 (brownish yellow)	Sand	5% gravel	NCM	
S210Y	12	A	31	10YR 3/3 Dark Brown	Silt loam	25% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	12	B	55	7.5YR 5/8 Strong Brown	Sandy loam	25% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	13	A	25	Grayish Brown (2.5Y 5/2)	Fine Sand	No Rock/Gravel	NCM	No Comments
S210Y	13	B	49	Dark Olive Brown (2.5Y 3/3)	Sand	3% Pea-Shale Gravel	NCM	No Comments
S210Y	13	C	100	Strong Brown (7.5YR 4/6)	Sand	2% Pea-Shale Gravel	NCM	BOE
S210Y	14	A	43	10YR 4/3 Brown	Sand		NCM	
S210Y	14	B	60	10YR 4/3 Brown mixed with 10YR 4/4 Dark Yellowish Brown and 10YR 5/3 Brown	Sand		NCM	Disturbed
S210Y	15	A	20	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	15	B	31	7.5YR 5/6 Strong Brown	Sandy loam		NCM	
S210Y	15	C	49	10YR 6/3 Pale Brown	Sandy loam		NCM	BOE
S210Y	16	A	22	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	16	B	39	7.5YR 5/6 Strong Brown	Sandy loam		NCM	
S210Y	16	C	53	10YR 6/3 Pale Brown	Sandy loam		NCM	BOE
S210Y	17	A	18	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	17	B	30	7.5YR 5/6 Strong Brown	Sandy loam		NCM	
S210Y	17	C	46	10YR 6/3 Pale Brown	Sandy loam			BOE
S210Y	18	A	15	10YR 4/3 Brown mixed with 10YR 4/2 Dark Greyish Brown and 10YR 4/6 Dark Yellowish Brown	Sand		NCM	Root Impasse, Disturbed

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S210Y	19	A	27	Dark Olive Brown (2.5Y 3/3)	Fine Sand	3% Rock & Gravel	NCM	No Comments
S210Y	19	B	50	Strong Brown (7.5YR 4/6)	Sand	4% Rock & Gravel	NCM	No Comments
S210Y	19	C	60	Light Yellowish Brown (2.5Y 6/3)	Sand	<2% Gravel	NCM	BOE
S210Y	20	A	20	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S210Y	20	B	33	7.5YR 5/6 Strong Brown	Sandy loam		NCM	
S210Y	20	C	52	10YR 6/3 Pale Brown	Sandy loam		NCM	BOE
S210Y	21	A	34	10YR 3/3 Dark Brown	Silt loam	1% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	21	B	56	7.5YR 5/8 Strong Brown	Sandy loam	1% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	21	C	71	10YR 7/2 Light Gray	Sandy loam	10% R+G	NCM	Disturbed Soil, Near to Substation
S210Y	22	A	43	10yr 4/3 (brown)	Sand	5% gravel	NCM	No top soil - stripped
S210Y	22	B	60	10yr 6/6 (brownish yellow)	Sand	5% gravel	NCM	
S210Y	23	A	23	Dark Olive Brown (2.5Y 3/3)	Fine Sand	3% Rock & Gravel	NCM	No Comments
S210Y	23	B	80	Strong Brown (7.5YR 4/6)	Sand	4% Rock & Gravel	NCM	No Comments
S210Y	23	C	97	Light Yellowish Brown (2.5Y 6/3)	Sand	<2% Gravel	NCM	BOE
S210Y	24	A	22	10yr 3/3 (dark brown)	Loamy Sand	5% gravel	NCM	Root impasse
S210Y	25	A	14	10yr 3/3 (dark brown)	Loamy Sand	5% gravel	NCM	
S210Y	25	B	28	10yr 5/3 (brown)	Sand		NCM	
S210Y	25	C	43	10yr 6/6 (brownish yellow)	Sand		NCM	
S210Y	26	A	16	Dark Olive Brown (2.5Y 3/3)	Fine Sand	3% Rock & Gravel	NCM	No Comments
S210Y	26	B	60	Strong Brown (7.5YR 4/6)	Sand	4% Rock & Gravel	NCM	No Comments
S210Y	26	C	76	Light Yellowish Brown (2.5Y 6/3)	Sand	<2% Gravel	NCM	BOE
S212	1	A	25	10YR 7/8 Yellow	Silt loam	1% R+G	NCM	Disturbed Soil, Near to Substation
S212	1	B	56	10YR 7/2 Light Gray	Fine Silt	1% R+G	NCM	Root Impasse, Disturbed Soil, Near to Substation
S212	2	A	13	Grayish Brown (2.5Y 5/2)	Silt loam	No Rock/Gravel	NCM	Some Small Roots
S212	2	B	32	Yellowish Brown (10YR 5/8)	Fine Silt	No Rock/Gravel	NCM	Some Small Roots
S212	2	C	47	Yellow (5Y 8/6)	Fine Silt	<1% Rock & Gravel	NCM	No Comments
S212	2	D	60	Light Yellowish Brown (2.5Y 6/3)	Fine Silt	No Rock/Gravel	NCM	BOE
S212	3	A	11	10yr 2/1 (black)	Loam		NCM	Disturbed
S212	3	B	19	10yr 6/1 (gray) mixed with 10yr 3/3 (dark brown)	Fine Sand and Silt loam		NCM	Disturbed
S212	3	C	45	10yr 5/8 (yellowish brown)	Fine Sand		NCM	Disturbed
S212	4	A	14	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S212	4	B	35	7.5YR 5/6 Strong Brown	Clay		NCM	
S212	4	C	50	10YR 8/3 Very Pale Brown Feo2	clay		NCM	BOE
S212	5						NCM	No dig - slope
S212	6						NCM	No dig - slope

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S216	5	A	0	No Dig	N/A	N/A	N/A	Unexcavated STP due to large tree roots
S216	5	A	0	No Dig	N/A	N/A	N/A	Unexcavated STP due to large tree roots
S216	6	A	0	No Dig	N/A	N/A	N/A	Unexcavated STP due to large tree roots
S216	7	A	24	10YR 4/4 Dark Yellow Brown FEO2	Silty clay loam		NCM Discard Brick	
S216	7	B	30	5YR 4/6 Reddish Yellow	Silty clay		NCM	
S216	7	C	41	10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S216	8	A	19	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Disturbed
S216	8	B	34	Light Olive Brown (2.5Y 5/6)	Silty clay FeO2	<1% Rock & Gravel	NCM	Disturbed
S216	8	C	60	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	9	A	23	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Disturbed
S216	9	B	35	Light Olive Brown (2.5Y 5/6)	Silty clay FeO2	<1% Rock & Gravel	NCM	Disturbed
S216	9	C	46	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	10	A	19	Brown (10YR 4/3)	Silt loam	<1% Rock & Gravel	NCM	Disturbed
S216	10	B	30	Light Olive Brown (2.5Y 5/6)	Silty clay FeO2	<1% Rock & Gravel	NCM	Disturbed
S216	10	C	44	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	11	A	29	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Disturbed
S216	11	B	37	Light Olive Brown (2.5Y 5/6)	Silty clay FeO2	<1% Rock & Gravel	NCM	Disturbed/Dense FeO2 Lense Across Top of Strata
S216	11	C	50	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	12	A	0	No Dig	N/A	N/A	N/A	Unexcavated STP due to Rubbish/Scrap Pile
S216	13	A	10	10YR 3/3 Dark Brown	Silt loam		NCM	Root Impasse
S216	13	A	24	10YR 3/3 Dark Brown	Silt loam		NCM	
S216	13	B	34	10YR 5/6 Yellow	Silt loam		NCM	BOE
S216	14	A	34	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Roots
S216	14	B	59	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	15	A	19	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Roots
S216	15	B	30	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	17	A	15	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Root Impasse
S216	18	A	18	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Roots
S216	18	B	30	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	19	A	23	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	Roots
S216	19	B	33	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S216	21	A	25	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S216	21	B	34	10YR 5/1 Gray	Sandy Clay	1% R+G	NCM	Modeled, FeO2
S216	21	C	52	10YR 5/3 Brown	Silty Clay	1% R+G	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S216	22	A	25	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S216	22	B	30	10YR 5/1 Gray	Sandy Clay	1% R+G	NCM	Modeled, FeO2
S216	22	C	42	10YR 5/3 Brown	Silty Clay	1% R+G	NCM	
S216	22	D	54	10YR 7/1 Light Gray	Clay	1% R+G	NCM	
S216	23	A	26	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S216	23	A	26	10YR 4/4 Dark Yellow Brown FEO2	Silty clay loam		NCM	
S216	23	B	32	10YR 5/1 Gray	Sandy Clay	1% R+G	NCM	Modeled, FeO2
S216	23	B	34	5YR 4/6 Reddish Yellow	Silty clay		NCM	
S216	23	C	51	10YR 5/3 Brown	Silty Clay	1% R+G	NCM	
S216	23	C	46	10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S218	4	A	18	1OYR 4/4 Dark Yelllow Brown	Silty clay		NCM	
S218	4	B	30	10YR 6/4 Light Yellow Brown mottled 10YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S218	5	A	20	10YR 4/3 Brown	Silty Clay Loam		NCM	
S218	5	B	34	10YR 5/1 Grey	Silty Clay		NCM	
S218	6	A	16	10yr 3/3 (dark brown)	Silty Clay Loam		NCM	
S218	6	B	33	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2
S218	7	A	24	Grayish Brown (2.5Y 5/2)	Silt loam alittle FeO2	<2% Rock & Gravel	NCM	No Comments
S218	7	B	35	Light Gray (2.5Y 7/2)	Silty clay FeO2	<1% Rock & Gravel	NCM	BOE
S218	8	A	20	Grayish Brown (2.5Y 5/2)	Silt loam alittle FeO2	<2% Rock & Gravel	NCM	No Comments
S218	8	B	30	Light Gray (2.5Y 7/2)	Silty clay FeO2	<1% Rock & Gravel	NCM	BOE
S218	9	A	16	10YR 3/3 Dark Brown	10YR 3/3 Dark Brown		NCM	
S218	9	B	38	10YR 4/2 Dark Grayish Brown FEO2	10YR 4/2 Dark Grayish Brown FEO2		NCM	BOE
S218	10	A	27	10YR 3/3 Dark Brown	Silty clay		NCM	
S218	10	B	48	10YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S218	11	A	24	Grayish Brown (2.5Y 5/2)	Silt loam	<1% Rock & Gravel	NCM	No Comments
S218	11	B	40	Light Olive Brown (2.5Y 5/6) mottled w. 1% Brown (7.5YR 4/3)	Silt mottled w. 1% Silty clay	<1% Rock & Gravel	NCM	No Comments
S218	11	C	53	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S218	12	A	25	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Near to Wetland/Drainage
S218	12	B	37	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	FeO2, Near to Wetland/Drainage
S218	13	A	24	Grayish Brown (2.5Y 5/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments
S218	13	B	37	Dark Grayish Brown (2.5Y 4/2) mottled w. 10% White (2.5Y 8/1)	Silty Clay FeO2 mottled w. 10% Silty clay FeO2	No Rock/Gravel	NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S218	14	A	24	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Near to Wetland/Drainage
S218	14	B	36	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	FeO2, Near to Wetland/Drainage
S218	15	A	20	10YR 4/3 Brown	Silty Clay Loam		NCM	
S218	15	B	36	10YR 5/3 Brown mottled with 10YR 5/1 Grey	Silty Clay		NCM	FeO2, Disturbed
S218	16	A	22	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S218	16	B	38	10yr 6/1 (gray)	Silty clay		NCM	FeO2
S218	17	A	18	10YR 3/3 Dark Brown	Silty clay		NCM	
S218	17	B	39	10YR 4/2 Dark Grayish Brown FEO2	Silty clay		NCM	BOE
S219	1							Drainage Write-Off
S219	2	A	22	10YR 4/3 Brown	Silt loam		NCM	
S219	2	B	31	10YR 6/8 Yellowish Brown	Silt loam		NCM	
S219	2	C	43	10YR 6/3 Light Pale Brown	Silt loam		NCM	FeO2
S219	3							Unexcavated due to Drainage/Wetland
S219	4	A	30	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S219	4	B	43	10YR 7/3 Very Pale Brown	Silt loam	1% R+G	NCM	Disturbed Soil, Modeled with 10YR 4/3 Brown
S219	5	A	28	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S219	5	B	40	10YR 7/3 Very Pale Brown	Silt loam	1% R+G	NCM	
S219	6	A	24	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S219	6	B	39	10YR Yellowish Brown	Silt	1% R+G	NCM	
S219	6	C	51	10YR 7/3 Very Pale Brown	Silty Clay	1% R+G	NCM	
S219	7	A	27	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S219	7	B	32	10YR Yellowish Brown	Silt	1% R+G	NCM	
S219	7	C	43	10YR 7/3 Very Pale Brown	Silty Clay	1% R+G	NCM	
S219	8	A	43	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	
S219	8	B	54	10YR Yellowish Brown	Silt	1% R+G	NCM	
S219	8	C	72	10YR 7/3 Very Pale Brown	Silty Clay	1% R+G	NCM	
S220	5	A	25	10YR 5/3 Brown	Silt loam		NCM	
S220	5	B	45	10YR 5/2 Gray Brown	Silty clay		NCM	BOE
S220	6	A	26	10YR 5/3 Brown	Silt loam	<1% rocks and gravel	NCM	
S220	6	B	38	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	7	A	29	10YR 3/3 Dark Brown	Silt loam	1% R+G	NCM	
S220	7	B	40	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	
S220	8	A	34	10yr 5/3 (brown)	Silty Clay Loam		NCM	
S220	8	B	48	10yr 6/1 (gray)	Silty clay		NCM	FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S220	9	A	19	10YR 5/3 Brown	Silt loam		NCM	
S220	9	B	52	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	10	A	28	10YR 6/2 Light Brownish Gray	Silt	<1% rocks and gravel	NCM	
S220	10	B	39	10YR 8/1 White	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	11	A	18	10YR 3/3 Dark Brown	Silt loam	1% R+G	NCM	
S220	11	B	37	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2
S220	12	A	36	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S220	12	B	50	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2
S220	13	A	24	10YR 5/3 Brown	Silt	<1% rocks and gravel	NCM	
S220	13	B	35	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	14	A	22	10YR 5/3 Brown	Silt loam		NCM	
S220	14	B	50	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	15	A	30	10YR 3/3 Dark Brown	Silt loam	1% R+G	NCM	
S220	15	B	42	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2
S220	16	A	29	10yr 5/3 (brown)	Silty Clay Loam		NCM	
S220	16	B	45	10yr 6/1 (gray)	Silty clay		NCM	FeO2
S220	17	A	23	10YR 5/3 Brown	Silt loam		NCM	
S220	17	B	39	10YR 5/4 Yellowish Brown	Fine Silt		NCM	
S220	17	C	50	10YR 7/1 Light Gray	Fine Silt		NCM	BOE
S220	18	A	28	10YR 5/3 Brown	Silt loam		NCM	
S220	18	B	48	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	20	A	31	10yr 5/3 (brown)	Silt loam		NCM	
S220	20	A	20	10YR 5/3 Brown	Silt loam		NCM	
S220	20	B	53	10yr 6/4 (light yellowish brown)	Silt		NCM	
S220	20	B	38	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	20	C	66	10yr 6/1 (gray)	Silty clay		NCM	FeO2
S220	21	A	34	10YR 5/3 Brown	Silt	<1% rocks and gravel	NCM	
S220	21	B	44	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	22	A	19	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S220	22	B	41	10YR 6/2 Light Brown Gray	Sandy Clay Loam	1% R+G	NCM	
S220	24	A	29	10YR 6/2 Light Brownish Gray	Silt	<1% rocks and gravel	NCM	
S220	24	B	40	10YR 8/1 White	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	25	A	20	10YR 6/2 Light Brownish Gray	Silt	<1% rocks and gravel	NCM	Root Impasse
S220	25	A	23	10YR 5/3 Brown	Silt loam		NCM	
S220	25	B	49	10YR 5/2 Gray Brown	Silty clay			BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S220	26	A	25	10yr 5/3 (brown)	Silt loam		NCM	
S220	26	B	47	10yr 6/4 (light yellowish brown)	Silt		NCM	
S220	26	C	60	10yr 6/1 (gray)	Silty clay		NCM	FeO2
S220	27	A	18	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S220	27	B	33	10YR 6/4 Light Yellowish Brown	Silt	1% R+G	NCM	
S220	27	C	47	10YR 6/1 Gray	Silty Clay	1% R+G	NCM	
S220	28	A	13	10YR 5/3 Brown	Silt loam		NCM	BOE
S220	29	A	35	10YR 5/3 Brown	Silt loam		NCM	
S220	29	B	45	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	30	A	29	10YR 5/3 Brown	Silt	<1% rocks and gravel	NCM	
S220	30	B	39	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	31	A	31	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S220	31	B	56	10yr 6/4 (light yellowish brown)	Silt		NCM	
p	31	C	69	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2
S220	32	A	21	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S220	32	B	29	10YR 6/4 Light Yellowish Brown	Silt	1% R+G	NCM	
S220	32	C	39	10YR 6/1 Gray	Silty Clay	1% R+G	NCM	
S220	33						NCM	Not excavated, STPs located in a drainage ditch
S220	34						NCM	Not excavated, STPs located in a drainage ditch
S220	35	A	30	10YR 5/3 Brown	Silt	<1% rocks and gravel	NCM	
S220	35	B	40	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	36	A	26	10YR 5/3 Brown	Silt	<1% rocks and gravel	NCM	
S220	36	B	37	10YR 7/1 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE; FeO2
S220	37	A	21	10YR 5/3 Brown	Silt loam		NCM	
S220	37	B	42	10 YR 7/1 Light Gray with 10YR 4/1 Dark Gray Lense FEO2	Silty clay		NCM	BOE
S220	39	A	20	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S220	39	B	32	10YR 6/4 Light Yellowish Brown	Silt	1% R+G	NCM	
S220	40	A	21	10YR 5/3 Brown	Silt loam		NCM	
S220	40	B	40	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	41	A	34	2.5Y 4/2 Dark Grayish Brown	Silt loam	<2% rocks and gravel	NCM	
S220	41	B	44	2.5Y 7/2 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE
S220	42	A	49	10yr 4/3 (brown)	Silty Clay		NCM	
S220	42	B	62	10yr 4/1 (dark gray)	Silty clay		NCM	FeO2
S220	43	A	29	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	1% R+G	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S220	43	B	46	10YR 4/1 Dark Gray	Clay	1% R+G	NCM	
S220	44	A	34	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	1% R+G	NCM	
S220	44	B	45	10YR 5/1 Gray	Clay	1% R+G	NCM	
S220	45	A	32	2.5Y 4/2 Dark Grayish Brown	Silt loam	<2% rocks and gravel	NCM	
S220	45	B	42	2.5Y 7/2 Light Gray	Silty clay	<1% rocks and gravel	NCM	BOE
S220	46	A	18	10YR 5/3 Brown	Silt loam		NCM	
S220	46	B	37	10 YR 7/1 Light Gray FEO2	Silty clay		NCM	BOE
S220	47	A	26	10YR 5/3 Brown	Silt loam		NCM	
S220	47	B	49	10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S220	48	A	39	2.5Y 4/2 Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	FeO2
S220	48	B	50	2.5Y 5/1 Gray	Silty Clay	<1% rocks and gravel	NCM	BOE; Heavy FeO2
S220	49	A	49	10yr 4/3 (brown)	Silty Clay		NCM	
S220	49	B	60	10yr 6/2 (light brownish gray)	Silty Clay		NCM	FeO2
S220	51	A	34	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	1% R+G	NCM	
S220	51	B	45	10YR 5/1 Gray	Clay	1% R+G	NCM	
S220	52	A	55	10yr 4/3 (brown)	Silty Clay		NCM	
S220	52	B	69	10yr 6/2 (light brownish gray)	Silty Clay		NCM	FeO2
S220	53	A	30	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Nearby Large Pond
S220	53	A	31	10YR 5/3 Brown	Silt loam		NCM	
S220	53	B	45	10YR 7/3 Very Pale Brown	Sandy Loam	1% R+G	NCM	Modeled with 10YR 4/3 Brown, Nearby Large Pond
S220	53	B	54	10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S220	54	A	24	Olive Brown (2.5Y 4/4)	Silt	<1% Pea Gravel	NCM	No Comments
S220	54	B	47	Olive Yellow (2.5Y 6/6)	Very Fine Silt	No Rock/Gravel	NCM	No Comments
S220	54	C	57	Light Gray (2.5Y 7/1)	Fine Silty clay	No Rock/Gravel	NCM	BOE
S220	55	A	15	10YR 3/2 Very Dark Greyish Brown	Silty Clay Loam		NCM	
S220	55	B	25	10YR 5/8 Yellowish Brown	Sandy Loam		NCM	
S220	55	C	40	2.5Y 6/3 Light Yellowish Brown	Fine Sand		NCM	Disturbed
S220	56	A	22	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S220	56	B	60	10YR 6/4 Light Yellow Brown mottled 10YR 6/3 Pale Brown & 10Yr 8/1 White	Silt loam		NCM	BOE
S220	57						NCM	No dig - garden
S220	58	A1	24	10yr 4/4 mixed with 10yr 5/8 and 10yr 6/4	Silt loam		NCM	100% disturbed from nearby pond construction
S220	58	A2	49	10yr 5/6 mixed with 10yr 8/2, 2.5y 6/8, 10yr 4/4	Silt loam		NCM	100% disturbed from nearby pond construction
S220	58	A3	57	10yr 7/1 mixed with 10yr 6/4, 2.5y 6/6	Silt loam		NCM	100% disturbed from nearby pond construction

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S220	58	A4	75	5yr 6/2 mixed with 10yr 5/2, 10yr 7/1, 10yr 4/4	Silt loam		NCM	100% disturbed from nearby pond construction
S220	59	A	21	10YR 4/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Nearby Large Pond
S220	59	B	40	10YR 7/3 Very Pale Brown	Sandy Loam	1% R+G	NCM	Modeled with 10YR 4/3 Brown, Nearby Large Pond
S220	60	A	20	Olive Brown (2.5Y 4/4)	Silt	<1% Pea Gravel	NCM	Tree Root Impasse
S220	61	A	8	10YR 4/2 Dark Greyish Brown	Silty Clay Loam		NCM	Root Impasse
S220	62	A	25	10YR 5/3 Brown	Silty clay		NCM	
S220	62	B	52	10YR 6/3 Pale Brown Feo2	CLAY		NCM	BOE
S220	63	B	30	Dark Grayish Brown (2.5Y 4/2)	Silt loam FeO2	<1% Pea Gravel	NCM	No Comments
S220	63	C	43	Light Gray (2.5Y 7/2)	Silty clay Heavy FeO2	No Rock/Gravel	NCM	BOE
S220	64	A	25	10YR 4/1 Dark Grey	Silty Clay		NCM	FeO2
S220	64	B	38	10YR 5/1 Grey	Clay		NCM	FeO2
S220	65	A	27	10YR 4/2 Dark GrayBrown	CLAY		NCM	
S220	65	B	54	10YR 5/2 Gray Brown FEO2	CLAY		NCM	BOE
S221	5	A	29	10YR 4/2 Dark Grayish Brown	Silty Clay	1% R+G	NCM	Cornfield
S221	5	B	40	10YR 4/1 Dark Gray	Clay	1% R+G	NCM	Cornfield
S221	6	A	43	2.5Y 4/2 Dark Grayish Brown	Silt loam	<2% rocks and gravel	NCM	FeO2
S221	6	B	53	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2
S221	7							No Dig; Drainage Ditch
S221	8	A	35	10YR 4/2 Dark Grayish Brown Feo2	Silty clay		NCM	
S221	8	B	52	10YR 6/2 Light Gray Brown Feo2	Clay		NCM	BOE
S221	11	A	43	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield
S221	11	B	57	10YR 5/2 Gray Brown	Silt	1% R+G	NCM	Cornfield
S221	12	A	57	2.5Y 4/2 Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S221	12	B	67	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2
S221	13							No Dig; Drainage Ditch
S221	14	A	54	10yr 4/3 (brown)	Silty Clay Loam		NCM	Rock impasse
S221	15	A	55	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	
S221	15	B	70	10YR 3/2 Very Dark Grayish Brown Feo2	Silty clay loam		NCM	
S221	15	C	82	10YR 8/3 Very Pale Brown Feo2	Silty clay loam		NCM	
S221	15	D	100	10YR 5/1 Gray	Silty clay loam		NCM	BOE
S221	16	A	47	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	16	B	65	10YR 8/3 Very Pale Brown Feo2	Clay		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S221	17	A	35	2.5Y 5/3 Light Olive Green	Silt	<2% rocks and gravel	NCM	
S221	17	B	46	2.5Y 4/1 Dark Gray	Silty Clay	<1% rocks and gravel	NCM	FeO2; likely the actual sub
S221	17	C	86	2.5Y 5/1 Gray	Silty Clay		NCM	BOE; FeO2; seeking a possible buried A but in never appeared
S221	18	A	24	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	18	A	24	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	18	B	48	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	18	B	48	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	19	A	26	10YR 4/3 Brown	Silty Clay	1% R+G	NCM	Cornfield
S221	19	B	49	10YR 7/3 Very Pale Brown	Silty clay	1% R+G	NCM	Cornfield
S221	20	A	31	10yr 5/3 (brown)	Silt loam		NCM	
S221	20	B	40	10yr 6/4 (light yellowish brown)	Silt		NCM	
S221	20	C	54	10yr 7/1 (light gray)	Silty clay		NCM	FeO2
S221	21	A	47	10YR 4/3 Brown	Silty Clay	1% R+G	NCM	Cornfield
S221	21	B	58	10YR 7/3 Very Pale Brown	Clay	1% R+G	NCM	Cornfield
S221	23	A	27	10yr 5/3 (brown)	Silt loam		NCM	
S221	23	B1	95	10yr 7/1 (light gray)	Silty clay		NCM	FeO2; B1 and B2 alternate in bands due to repeated flooding events
S221	23	B2	95	10yr 3/2 (very dark graysih brown)	Silty Clay		NCM	FeO2; B1 and B2 alternate in bands due to repeated flooding events
S221	24	A	24	10YR 4/4 Dark Yellow Brown	Silty clay		NCM discard modern glass	
S221	24	B	46	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	25	A	30	10YR 4/3 Brown	Silty Clay	1% R+G	NCM	Cornfield
S221	25	B	46	10YR 7/3 Very Pale Brown	Silty clay	1% R+G	NCM	Cornfield
S221	26	A	20	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	26	B	42	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	27	A	29	2.5YR 5/4 Light Olive Brown	Silt	<3% small rocks	NCM	
S221	27	B	40	2.5YR 8/2 Pale Brown	Silty clay		NCM	BOE; FeO2
S221	28	A	25	2.5YR 5/4 Light Olive Brown	Silt	<3% small rocks	NCM	
S221	28	B	30	2.5YR 8/2 Pale Brown	Silty clay		NCM	BOE; FeO2
S221	29	A	29	10YR 4/3 Brown	Silty Clay	1% R+G	NCM	Cornfield
S221	29	B	41	10YR 7/3 Very Pale Brown	Silty clay	1% R+G	NCM	Cornfield
S221	30	A	27	2.5YR 5/4 Light Olive Brown	Silt	<3% small rocks	NCM	
S221	30	B	38	2.5YR 8/2 Pale Brown	Silty clay		NCM	BOE; FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S221	31	A	25	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	31	B	50	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	32	A	21	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	32	B	43	10YR 8/3 Very Pale Brown mottled 10YR 6/8 Yellow Brown Feo2	Clay		NCM	BOE
S221	33	A	33	2.5YR 5/4 Light Olive Brown	Silt	<1% rocks and gravel	NCM	
S221	33	B	43	2.5YR 8/2 Pale Brown	Silty clay		NCM	BOE; Very Heavy FeO2
S221	34	A	28	10YR 4/3 Brown	Silt	1% R+G	NCM	Cornfield
S221	34	B	42	10YR 4/1 Dark Gray	Silty Clay	1% R+G	NCM	Cornfield
S221	35	A	23	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield, Disturbed Soil
S221	35	B	42	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2, Cornfield, Disturbed Soil
S221	36	A	25	10yr 4/3 (brown)	Silt loam		P+ N=1 flake	
S221	36	B	35	10yr 5/6 (yellowish brown)	Silt		NCM	FeO2
S221	36	C	49	10yr 6/1 (gray)	Silt		NCM	FeO2
S221	36	D	61	10yr 6/3 (pale brown)	Silt		NCM	
S221	37	A	26	10YR 4/4 Dark Yellow Brown	Silty clay		NCM discard modern glass	
S221	37	B	40	10YR 8/3 Very Pale Brown Feo2	Clay		NCM	BOE
S221	38	A	29	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	38	B	42	10YR 8/3 Very Pale Brown Feo2	Clay		NCM	BOE
S221	40	A	28	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	40	B	46	10YR 8/3 Very Pale Brown Feo2	Clay		NCM	BOE
S221	42	A	29	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield, Disturbed Soil
S221	42	B	48	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2, Cornfield, Disturbed Soil
S221	43	A	23	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield, Disturbed Soil
S221	43	A	30	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	43	B	46	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2, Cornfield, Disturbed Soil
S221	43	B	35	10YR 5/8 Yellow Brown mottled 5YR 5/6 Reddish Yellow	Clay		NCM	
S221	43	C	50	10YR 8/3 Very Pale Brown Feo2	clay			BOE
S221	44	A	28	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield, Disturbed Soil
S221	44	B	48	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2, Cornfield, Disturbed Soil
S221	45	A	27	10YR 5/4 Brownish Yellow	Silt loam	1% R+G	NCM	Cornfield, Disturbed Soil
S221	45	A	27	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S221	45	B	49	10YR 5/1 Gray	Silty Clay	1% R+G	NCM	FeO2, Cornfield, Disturbed Soil
S221	45	B	41	10YR 5/8 Yellow Brown	Sand		NCM	
S221	45	C	52	10YR 8/3 Very Pale Brown Feo2	Sand CL		NCM	BOE
S221	46	A	26	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S221	46	B	49	10YR 8/3 Very Pale Brown Feo2	Silty clay		NCM	BOE
S221	36 R5E	A	27	10yr 4/3 (brown)	Silt loam		NCM	
S221	36 R5E	B	32	10yr 5/8 (yellowish brown)	Silt loam		NCM	
S221	36 R5E	C	48	10yr 8/2 (light pale brown)	Silt loam		NCM	FeO2
S221	36 R5N	A	38	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S221	36 R5N	B	53	10yr 5/1 (gray)	Silt		NCM	FeO2
S221	36 R5S	A	34	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S221	36 R5S	B	47	10yr 5/1 (gray)	Silt		NCM	FeO2
S221	36 R5W	A	24	10yr 4/3 (brown)	Silt loam		NCM	
S221	36 R5W	B	41	10yr 5/8 (yellowish brown) with 10yr 5/1 (gray)	Silt loam		NCM	
S221	36 R5W	C	55	10yr 4/1 (dark gray)	Silt loam		NCM	FeO2
S222	5	A	21	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	5	B	42	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	6	A	29	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	6	B	42	10YR 8/3 Light Pale Brown Feo2			NCM	BOE
S222	7	A	27	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	7	B	46	10YR 5/6 Yellow Brown	Silt loam	1% R+G	NCM	
S222	8	A	37	10yr 4/3 (brown)	Silt loam		NCM	
S222	8	B	50	10yr 6/1 (gray)	Silt		NCM	FeO2
S222	9	A	38	10yr 4/3 (brown)	Silt loam		P+ N=1 flake	
S222	9	B	54	10yr 7/1 (light gray)	Silt		NCM	FeO2
S222	10	A	23	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	10	B	50	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	11	A	24	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	11	B	39	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	12	A	38	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	12	B	52	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	13	A	27	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	13	B	41	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	14	A	40	10YR 4/4 Dark Yellow Brown	Silt loam		NCM, Discard Misc Metal	
S222	14	B	56	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S222	15	A	24	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	15	B	49	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	16	A	38	10YR 4/3 Brown	Sandy Loam		NCM	
S222	16	B	50	10YR 5/1 Grey	Sandy Silt		NCM	
S222	17	A	25	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	17	B	43	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	18	A	30	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	Modern Glass Discard
S222	18	B	50	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	19	A	30	10YR 4/4 Dark Yellow Brown	Silt loam		NCM	
S222	19	B	47	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	20	A	30	10YR 4/4 Dark Yellow Brown	Silt loam		F#102 H+=3 P+=2	Stoneware whiteware, Flakes
S222	20	B	47	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	22	A	26	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	22	B	46	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	23	A	22	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	23	B	46	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	24	A	35	Olive Brown (2.5Y 4/3)	Silt loam	<2% Shist R&G	NCM	No Comments
S222	24	B	45	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	25	A	34	Olive Brown (2.5Y 4/3)	Silt loam	<2% Shist R&G	NCM	No Comments
S222	25	B	36	Black (10YR 2/1)	Silty Characoal Lense	No Rock/Gravel	NCM	No Comments
S222	25	B	59	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	25	C	48	Yellowish Brown (10YR 5/8)	Silt	<1% Rock & Gravel	NCM	No Comments
S222	26	A	39	10YR 4/3 Brown	Sandy Loam		NCM	
S222	26	B	54	10YR 5/1 Grey	Sandy Silt		NCM	
S222	27	A	30	Olive Brown (2.5Y 4/3)	Silt loam	<2% Rock & Gravel	P N=2	Characoal Appear at A:B Interface
S222	27	B	41	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	28	A	21	10YR 4/3 Brown	Sandy Loam		NCM	
S222	28	B	33	10YR 5/1 Grey	Sandy Silt		NCM	Heavy FeO2
S222	29	A	23	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	29	B	40	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	30	A	28	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	No Comments
S222	30	B	38	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	31	A	40	10YR 4/3 Brown	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S222	31	B	53	10YR 5/1 Grey	Sandy Silt		NCM	
S222	32	A	22	10YR 4/3 Brown	Silt loam	1% R+G	NCM	
S222	32	B	41	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	33	A	24	10YR 4/3 Brown	Silt loam	1% R+G	NCM	
S222	33	B	43	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	34	A	25	10YR 4/3 Brown	Silt loam	1% R+G	NCM	
S222	34	B	43	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	35	A	22	10YR 5/3 Brown	Silt loam	1% R+G	NCM	
S222	35	B	42	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM	FeO2
S222	20 R5-W	A	36	10YR 4/3 Brown	Sandy Loam		NCM	
S222	20 R5-W	B	49	10YR 5/3 Brown	Fine Sand		NCM	
S222	20R5N	A	29	Olive Brown (2.5Y 4/3)	Silt loam	<2% Shist R&G	NCM	No Comments
S222	20R5N	B	43	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	20-RE10	A	26	10YR 4/4 Dark Yellow Brown	Silty clay		F#106 H+=1 P+=1	Stoneware whiteware, Flakes
S222	20-RE10	B	46	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	20-RE5	A	28	10YR 4/4 Dark Yellow Brown	Silty clay		F#103 P+=4	Flakes
S222	20-RE5	B	50	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	20-RS5	A	25	10YR 4/4 Dark Yellow Brown	Silty clay		F#104 H+=1 P+=4	Stoneware whiteware, Flakes
S222	20-RS5	B	43	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S222	20-RS5-E5	A	30	10YR 4/4 Dark Yellow Brown	Silty clay		F#105 H+=1 P+=1	Stoneware whiteware, Flakes
S222	20-RS5-E5	B	39	10YR 8/1 White & charcoal layer	Silty clay		NCM	
S222	20-RS5-E5	C	53	10YR 8/3 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Silty clay		NCM	BOE
S222	27R5E	A	34	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	No Comments
S222	27R5E	B	45	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	27R5N	A	28	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	No Comments
S222	27R5N	B	45	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	27R5S	A	33	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	No Comments
S222	27R5S	B	48	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	27R5W	A	38	Olive Brown (2.5Y 4/3)	Silt loam	<3% Rock & Gravel	NCM	No Comments
S222	27R5W	B	54	Light Gray (2.5Y 7/2)	Silty clay FeO2	No Rock/Gravel	NCM	BOE
S222	9 R10-W	A	45	10YR 4/3 Brown	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S222	9 R10-W	B	58	10YR 5/1 Grey	Sandy Silt		NCM	
S222	9 R5E	A	28	10yr 4/3 (brown)	Silt loam	1% rock and gravel	NCM	
S222	9 R5E	B	52	10yr 6/1 (gray)	Silt loam	1% rock and gravel	NCM	FeO2
S222	9 R5N	A	27	10yr 4/3 (brown)	Silt loam	1% rock and gravel	NCM	
S222	9 R5N	B	50	10yr 6/1 (gray)	Silt loam	1% rock and gravel	NCM	FeO2
S222	9 R5S	A	35	10yr 4/3 (brown)	Silt loam		P+ N=1 flake	
S222	9 R5S	B	50	10yr 7/1 (light gray)	Silt		NCM	FeO2
S222	9 R5S5E	A	36	10yr 4/3 (brown)	Silt loam		NCM	
S222	9 R5S5E	B	60	10yr 7/3 (very pale brown)	Sandy Silt		NCM	FeO2
S222	9 R5S5W	A	33	10yr 4/3 (brown)	Silt loam		NCM	
S222	9 R5S5W	B	50	10yr 7/3 (very pale brown)	Sandy Silt		NCM	FeO2
S222	9 R5S5W	C	63	10yr 4/3 (brown)	Fine Sand		NCM	FeO2
S222	9 R5W	A	27	10yr 4/3 (brown)	Silt loam		P+ N=1 flake	
S222	9 R5W	B	48	10yr 6/1 (gray)	Sandy Silt		NCM	FeO2
S222	9 R5W	C	60	10yr 5/3 (brown)	Fine Sand		NCM	
S223	5	A	20	10YR 4/3 Brown	Silt loam Clay	10% R+G	NCM	Rock Impasse, STP next to road, Cornfield
S223	6	A	33	10YR 4/3 Brown	Silty Clay Loam	20% rock	NCM	Rock Impasse
S223	7	A	40	Grayish Brown (10YR 5/2)	Silty Clay Loam	5% Rock	NCM	No Comments
S223	7	A	30	Grayish Brown (10YR 5/2)	Silty Clay Loam	5% Rock	NCM	No Comments
S223	7	B	50	Light Gray (2.5Y 7/2)	Silty Clay FeO2	4% Rock & Gravel	NCM	BOE
S223	7	B	40	Light Gray (2.5Y 7/2)	Silty Clay FeO2	4% Rock & Gravel	NCM	BOE
S223	8	A	29	Grayish Brown (10YR 5/2)	Silty Clay Loam	5% Rock	NCM	No Comments
S223	9	A	18	10YR 4/3 Brown	Silt loam Clay	10% R+G	NCM	Near to Road, Cornfield
S223	9	B	29	10YR 5/2 Gray Brown	Silty Clay	30% R+G	NCM	Near to Road, Cornfield
S223	11	A	26	10YR 4/3 Brown	Silty Clay Loam	20% rock	NCM	
S223	11	B	39	10YR 4/1 Dark Gray	Clay	10% rock	NCM	BOE; FeO2
S224	5	A	20	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM	
S224	5	B	39	10YR 3/4 Dark Yellow Brown	Clay	10-20% gravel	NCM	BOE; mottled with 2.5Y 4/3 Olive Brown Clay
S224	6	A	20	10YR 4/2 Dark Grayish Brown	Silt loam	5 % rock and gravel	NCM	
S224	6	B	34	10YR 5/1 Gray	Silty Clay	10% rock and gravel	NCM	BOE; FeO2
S224	7	A	21	10YR 4/3 Brown	Silty Clay	10% rock and gravel	NCM	
S224	7	B	33	10YR 4/1 Dark Gray	Clay	10% rock and gravel	NCM	BOE
S224	8	A	24	10YR 4/3 Brown	Silty Clay Loam	30% rock	NCM	Rock Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S224	9	A	25	Dark Grayish Brown (10YR 4/2)	Silt loam	3% Rock & Gravel	NCM	No Comments
S224	9	B	36	Light Gray (2.5Y 7/2)	Silty clay FeO2	8% Rock & Gravel	NCM	BOE
S224	10	A	20	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM	
S224	10	B	41	10YR 3/4 Dark Yellow Brown	Clay	10-20% gravel	NCM	BOE; mottled with 2.5Y 4/3 Olive Brown Clay
S224	11	A	14	10YR 4/2 Dark Grayish Brown	Silt loam	5 % rock and gravel	NCM	
S224	11	B	35	10YR 5/1 Gray	Silty Clay	10% rock and gravel	NCM	BOE; FeO2
S224	12	A	25	10YR 4/3 Brown	Silty Clay	15% rock	NCM	
S224	12	B	37	10YR 4/1 Dark Gray	Clay	10% rock	NCM	BOE; FeO2
S224	13	A	0	No Dig	N/A	N/A	N/A	Unexcavated STP do to Drainage Ditch
S224	14	A	27	Dark Gray(10YR 4/1)	Silt loam	2% Rock & Gravel	NCM	No Comments
S224	14	B	43	Grayish Brown (10YR 5/2)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE
S224	15	A	30	10YR 4/2 Dark Grayish Brown	Silt loam	5 % rock and gravel	NCM	
S224	15	B	43	10YR 5/1 Gray	Silty Clay	10% rock and gravel	NCM	BOE; FeO2
S224	16	A	38	10YR 4/2 Dark Grayish Brown	Silt loam	5 % rock and gravel	NCM	
S224	16	B	48	10YR 5/1 Gray	Silty Clay	10% rock and gravel	NCM	BOE; FeO2
S225	5	A	20	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM	
S225	5	B	38	10YR 5/4 Yellowish Brown	Silt	10-20% gravel	NCM	BOE; FeO2
S225	6	A	25	Dark Grayish Brown (10YR 4/2)	Silt loam	5% Rock 7% Pea Gravel	NCM	No Comments
S225	6	B	40	Light Brownish Gray (10YR 6/2)	Silty clay Heavy FeO2	3% Rock & Gravel	NCM	BOE
S225	7	A	29	10YR 4/3 Brown	Silty Clay Loam	10% rock and gravel	NCM	
S225	7	B	44	10YR 6/2 Light Brownish Gray	Silty clay	10% gravel	NCM	BOE
S225	8	A	24	10YR 4/2 Dark Grayish Brown	Silt loam	5 % rock and gravel	NCM	
S225	8	B	36	10YR 5/4 Yellowish Brown	Silt	10% rock and gravel	NCM	BOE
S226	3	A	26	10YR 5/3 Brown	Silty Clay Loam	3 % rock and gravel	NCM	
S226	3	B	40	10YR 5/1 Gray	Silty Clay	<1% rock and gravel	NCM	BOE; FeO2
S226	4	A	27	10YR 5/3 Brown	Silty Clay Loam		NCM	Rock Impasse
S226	5	A	19	10YR 4/1 Dark Gray	Silt loam	1% rock and gravel	NCM	
S226	5	B	31	10YR 5/1 Gray	Silty Clay	5% rock and gravel	NCM	BOE
S226	6							No Dig; Surface Rock; Adjacent to Access Road and Fence
S226	7	A	10	10YR 4/2 Dark Grayish Brown	Silt loam	20% rock and gravel	NCM	Bedrock Impasse; Next to road and barbed wire fence

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S226	8							No Dig; Slope
S226	9	A	14	10YR 5/3 Brown	Silty Clay Loam		NCM	Bedrock Impasse; Next to Road
S226	10	A	32	Dark Yellowish Brown (10YR 3/4)	Silt loam	35:40% Shale Gravel	NCM	Decaying Bedrock Impasse
S226	11	A	13	10YR 3/3 Dark Brown	Clay Loam	2-5% gravel	NCM	
S226	11	B	21	2.5Y 5/3 Light Olive Brown	Silty Clay	2-5% gravel	NCM	Rock Impasse; FeO2
S226	12	A	9	10YR 4/2 Dark Grayish Brown	Silt loam	20% rock and gravel	NCM	
S226	12	B	29	10YR 4/6 Dark Yellowish Brown	Silt loam	40% rock and gravel	NCM	BOE; Rocks at Bottom
S226	13	A	16	10YR 5/3 Brown	Silty Clay Loam	40% gravel fill	NCM	Compact Gravel Impasse; on road
S226	14	A	21	Dark Grayish Brown (10YR 4/2)	Silt loam	3% Rock & Gravel	NCM	No Comments
S226	14	B	34	Brown (10YR 5/3)	Silty clay	25% Rock & Pea Gravel	NCM	BOE
S226	15	A	23	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM	
S226	15	B	40	2.5Y 4/3 Olive Brown	Silty Clay	10-20% gravel	NCM	BOE; Rocks at Bottom; Mottled with 10YR 3/3 Dark Brown
S226	16	A	19	10YR 3/3 Dark Brown	Silt	10-20% gravel	NCM	Bedrock Impasse
S226	17	A	32	10YR 4/3 Brown	Silty Clay Loam	10% gravel	NCM	
S226	17	B	43	10YR 5/3 Brown	Silty clay	25% gravel	NCM	BOE; FeO2
S226	18	A	23	Dark Grayish Brown (10YR 4/2)	Silt loam	3% Rock & Gravel	NCM	No Comments
S226	18	B	35	Brown (10YR 5/3)	Silty clay	25% Rock & Pea Gravel	NCM	BOE
S226	19	A	10	10YR 4/2 Dark Grayish Brown	Silt loam	20% rock and gravel	NCM	Rock Impasse; Hole Between Road and Barbed Wire Fence
S226	20	A	17	Dark Yellowish Brown (10YR 3/4)	Silt loam	35:40% Shale Gravel	NCM	Decaying Bedrock Impasse
S226	21	A	15	10YR 4/3 Brown	Silty Clay Loam	40% rock and gravel	NCM	Compact Gravel Impasse
S226	22	A	21	10YR 4/3 Brown	Silty Clay Loam	40% rock and gravel	NCM	Bedrock Impasse
S226	23	A	11	10YR 4/2 Dark Grayish Brown	Silt loam	30% rock and gravel	NCM	
S226	23	B	30	10YR 4/6 Dark Yellowish Brown	Silt loam	40% rock and gravel	NCM	BOE
S226	24	A	20	Very Dark Grayish Brown (2.5Y 3/2)	Silt loam	20% Rock & Gravel	NCM	No Comments
S226	24	B	31	Light Gray (2.5Y 7/1)	Silty clay	<1% Rock & Gravel	NCM	BOE
S226	25							No Dig; Slope
S226	26	A	8	10YR 4/2 Dark Grayish Brown	Silt loam	30% rock and gravel	NCM	
S226	26	B	25	10YR 4/6 Dark Yellowish Brown	Silt loam	40% rock and gravel	NCM	BOE
S226	27	A	11	Dark Yellowish Brown (10YR 3/4)	Silt loam	35:40% Shale Gravel	NCM	Decaying Bedrock Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S226	28							No Dig; Slope
S231	5	A	16	10yr 4/3 (brown)	Silt loam		NCM	
S231	5	B	44	10yr 5/6 (yellowish brown)	Silt		NCM	
S231	5	C	58	10yr 7/2 (light gray)	Silty clay		NCM	
S231	6	A	23	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM	
S231	6	B	39	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	
S231	7	A	13	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM	
S231	7	B	22	10YR 5/3 Brown	Silty Clay		NCM	
S231	7	C	50	10YR 5/1 Grey	Silty Clay	2-5% Gravel	NCM	
S231	8	B	41	10YR 5/1 Grey	Silty Clay	2-5% Gravel	NCM	
S231	9	A	23	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM	
S231	9	B	34	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	
S231	10	A	4	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM	
S231	10	B	25	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	
S231	10	C	31	10yr 5/1 (gray)	Clay	1% rock and gravel	NCM	
S231	11	A	20	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM	
S231	11	B	30	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	
S231	12	A	12	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM	
S231	12	B	30	10YR 5/3 Brown	Silty Clay		NCM	
S231	13	A	27	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S231	13	B	41	10yr 7/2 (light gray)	Silty clay		NCM	FeO2
S231	8	A	17	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM	
S232	5	A	30	10YR 6/3 Pale brown	Silt	<1% rocks and gravel	NCM	
S232	5	B	41	2.5Y 6/1 gray	silty clay		NCM	FeO2
S232	6	A	18	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM	
S232	6	B	35	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2
S232	7	A	23	10YR 5/3 Brown	Silt loam		NCM	
S232	7	B	43	10YR 7/2 Light Gray	Silty clay		NCM	BOE; FeO2
S232	8	A	17	10YR 3/3 Dark Brown	Clay Loam		NCM	
S232	8	B	41	2.5Y 4/4 Olive Brown mottled with 10YR 5/1 Grey	Silty Clay		NCM	
S232	9	A	10	10YR 3/3 Dark Brown	Clay Loam		NCM	
S232	9	B	31	2.5Y 4/4 Olive Brown mottled with 10YR 5/1 Grey	Silty Clay		NCM	Root Impasse
S232	10	A	17	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S232	10	B	37	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2
S232	11	A	30	10YR 5/3 Brown	Silty Clay Loam		NCM	
S232	11	B	40	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S232	12	A	23	10YR 6/3 Pale brown	Silt	<1% rocks and gravel	NCM	
S232	12	B	38	2.5Y 6/1 gray	silty clay		NCM	FeO2
S232	13	A	28	2.5Y 4/3 Olive Brown with 2% Gley1 5/5 Greenish gray	Silty clay loam and clay		NCM	
S232	13	B	40	10YR 8/1 white	Silt		NCM	
S232	14	A	23	10YR 6/3 Pale brown	Silt	<1% rocks and gravel	NCM	
S232	14	B	33	2.5Y 6/1 gray	silty clay		NCM	FeO2
S232	15	A	39	10YR 5/3 Brown	Silty Clay Loam		NCM	
S232	15	B	51	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2
S232	16	A	10	10YR 3/3 Dark Brown	Clay Loam		NCM	
S232	16	B	22	2.5Y 4/4 Olive Brown	Silty clay		NCM	
S232	16	C	47	5Y 7/1 Light Grey	Silty clay		NCM	FeO2
S232	17	A	18	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM	
S232	17	B	35	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2
S232	18	A	14	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM	
S232	18	B	35	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2
S232	19	A	24	10YR 6/3 Pale brown	Silt		NCM	
S232	19	B	36	10yr 4/1 (dark gray)	Silty Clay		NCM	
S232	19	C	47	10yr 3/1 (light gray)	Silty Clay		NCM	
S232	20	A	31	2.5Y 4/3 Olive Brown with 7% Gley1 5/5 Greenish gray	Silty clay loam and clay		NCM	
S232	20	B	41	10YR 8/1 white	Silt		NCM	
S232	21	A	42	10YR 5/3 Brown	Silty Clay Loam		NCM	
S232	21	B	53	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2
S232	22	A	25	10YR 6/3 Pale brown	Silt		NCM	
S232	22	B	38	10yr 4/1 (dark gray)	Silty Clay		NCM	
S232	22	C	50	10yr 3/1 (light gray)	Silty Clay		NCM	
S232	23	A	16	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM	
S232	23	B	36	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2
S232	24	A	19	10YR 3/3 Dark Brown	Clay Loam		NCM	
S232	24	B	22	10YR 5/1 Grey	Silt		NCM	FeO2
S232	24	C	60	10YR 4/1 Dark Grey	Silty Clay		NCM	FeO2
S232	25	A	16	10YR 3/3 Dark Brown	Clay Loam		NCM	
S232	25	B	30	10YR 5/1 Grey	Silt		NCM	FeO2, Staining

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S232	25	C	62	10YR 4/1 Dark Grey	Silty Clay		NCM	FeO2, Staining
S232	26	A	23	10YR 6/3 Pale brown	Silt		NCM	
S232	26	B	43	10yr 4/1 (dark gray)	Silty Clay		NCM	
S232	26	C	53	10yr 3/1 (light gray)	Silty Clay		NCM	
S232	27	A	17	10YR 5/3 Brown	Silty Clay Loam		NCM	
S232	27	B	30	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S232	28	A	15	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	Modern glass and modern whiteware discard	STP on elevated dirt pile next to road, likely disturbed
S232	28	B	45	10yr 4/3 (brown)	Silt loam	1% rock and gravel	NCM	
S233	5	A	23	10YR 6/2 Light Brown Gray	Silt loam		NCM	
S233	5	B	33	10YR 6/1 Gray	Silt		NCM	FeO2, Rock Impasse
S233	6	A	24	10YR 5/2 Gray Brown	Silty clay loam		NCM	
S233	6	B	38	2.5Y 7/1 Light Gray	Silty clay		NCM	BOE; FeO2
S233	7	A	26	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S233	7	B	40	10YR 7/2 Light Gray Feo2	Compact Silty clayay		NCM	BOE
S233	8	A	23	10YR 4/2 Dark Grayish Brown	Silty clay		NCM	Root Impasse
S233	9	A	18	10YR 4/3 Brown	Compact Clay		NCM	
S233	9	B	39	10YR 8/3 Light Pale Brown Feo2	Compact Silty clayay		NCM	BOE
S233	12	A	20	10YR 4/3 Brown	Compact Clay		NCM	
S233	12	B	38	10YR 8/3 Light Pale Brown Feo2	Compact Silty clayay		NCM	BOE
S233	13	A	22	10YR 6/2 Light Brown Gray	Silt loam	5% Rocks	NCM	
S233	13	B	41	10YR 7/1 Light Gray	Silt		NCM	
S233	14	A	13	10YR 5/1 Gray	Silt loam		NCM	
S233	14	B	32	10YR 5/6 Yellow Brown	Silty clay loam		NCM	BOE
S233	15	A	30	10yr 5/3 (brown)	Silty Clay Loam		NCM	
S233	15	B	44	10yr 8/2 (light pale brown)	Silty Clay		NCM	
S233	16	A	17	10YR 4/3 Brown	Compact Clay		NCM	
S233	16	B	40	10YR 8/3 Light Pale Brown Feo2	Compact Silty clayay		NCM	BOE
S233	17	A	16	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S233	17	B	28	10YR 7/2 Light Gray Feo2	Compact Silty clayay		NCM	BOE
S233	19	A	23	10YR 4/2 Dark Grayish Brown	Silty clay		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S233	19	B	46	10YR 7/1 Gray Feo2	Silty clay		NCM	BOE
S233	20	A	28	10YR 6/2 Light Brown Gray	Silt loam	5% Rocks	NCM	
S233	20	B	40	10YR 6/1 Gray	Silt		NCM	
S233	21	A	14	10yr 5/3 (brown)	Silty Clay Loam		NCM	Root impasse
S233	22	A	20	10YR 5/2 Gray Brown	Silty clay loam		NCM	
S233	22	B	32	2.5Y 7/1 Light Gray	Silty clay		NCM	BOE; FeO2
S233	23	A	20	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S233	23	B	36	10YR 5/1 Gray	Silty Clay		NCM	FeO2
S233	24	A	17	10YR 4/3 Brown	Compact Clay		NCM	
S233	24	B	32	10YR 8/3 Light Pale Brown Feo2	Compact Silty clayay		NCM	BOE
S233	26	A	19	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S233	26	B	23	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	
S233	26	B	35	10YR 7/2 Light Gray Feo2	Compact Silty clayay		NCM	BOE
S233	27	A	22	10yr 5/3 (brown)	Silty Clay Loam		NCM	
S233	27	B	35	10yr 6/2 (light brownish gray)	Silty clay		NCM	
S233	28	A	24	10YR 5/2 Gray Brown	Silty clay loam		NCM	
S233	28	B	35	2.5Y 7/1 Light Gray	Silty clay		NCM	BOE; FeO2
S233	31	A	21	10YR 4/2 Dark Grayish Brown	Silty clay		NCM	
S233	31	B	34	10YR 5/1 Gray Feo2	Silty clay		NCM	BOE
S233	32	A	15	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S233	32	B	23	10YR 4/3 Brown	Silt		NCM	
S233	32	C	30	10YR 5/1 Gray	Silty Clay		NCM	FeO2
S233	33	A	9	10yr 5/3 (brown)	Silty Clay Loam		NCM	
S233	33	B	22	10yr 4/1 (dark gray)	Clay		NCM	FeO2
S233	34	A	13	10yr 4/2 (dark grayish brown)	Silty Clay Loam		NCM	
S233	34	B	27	10yr 5/1 (gray)	Clay		NCM	FeO2
S233	35	A	25	10YR 5/4 Yellow Brown	Silty clay loam		NCM	
S233	35	B	35	10YR 6/3 Pale Brown	Silty clay		NCM	BOE
S233	36	A	12	10YR 4/3 Brown	Compact Clay		NCM	
S233	36	B	27	10YR 8/3 Light Pale Brown Feo2	Compact Silty clayay		NCM	BOE
S234	6	A	9	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S234	6	B	21	10YR 6/1 Gray	Silty Clay	5% Rocks	NCM	FeO2
S234	7	A	21	10YR 4/2 Dark Grayish Brown Feo2	Silty clay		NCM	HYDRIC

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S234	7	B	42	10YR 5/2 Gray Brown mottled 10YR 7/1 Light Gray Feo2	Clay		NCM	BOE
S234	9	A	12	10YR 4/1 Dark Gray	Silty clay		NCM	
S234	9	B	25	10YR 5/1 Gray Feo2	Silty clay		NCM	BOE
S234	10	A	10	10YR 3/2 Very Dark Grayish Brown Feo2	Silty clay		NCM	HYDRIC
S234	10	B	30	10YR 5/8 Yellow Brown mottled 10YR 7/1 Light Gray & 10YR 4/1 Dark Gray Feo2	Clay		NCM	BOE
S234	11	A	13	10YR 4/3 Brown	Silt loam		NCM	
S234	11	B	23	10YR 5/6 Yellow Brown	Sandy Silt		NCM	
S234	11	C	35	10YR 6/3 Pale Brown	Silty clay		NCM	BOE; FeO2
S234	12	A	17	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S234	12	B	44	10YR 6/1 Gray	Silty Clay	5% Rocks	NCM	FeO2
S234	13	A	6	10YR 5/3 Brown	Silty Clay Loam		NCM	
S234	13	B	20	10YR 5/1 Grey	Silty clay		NCM	Oxidation
S234	15	A	15	10YR 4/1 Dark Gray	Silty clay		NCM	
S234	15	B	36	10YR 5/2 Gray Brown Feo2	Silty clay		NCM	BOE
S234	16	A	10	10YR 2/1 Black	Silt loam		NCM	
S234	16	B	32	7.5YR 5/8 Strong Brown	Sandy Loam	5% Rocks	NCM	
S234	16	C	40	10YR 7/1 Light Gray	Silty Clay		NCM	
S234	18	A	16	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S234	18	B	32	10YR 5/1 Gray	Sandy Clay		NCM	BOE; FeO2
S234	19	A	10	10YR 4/2 Dark Grayish Brown Feo2	Silty clay		NCM	HYDRIC
S234	19	B	32	10YR 5/2 Gray Brown mottled 10YR 7/1 Light Gray Feo2	Clay		NCM	BOE
S234	20	A	22	10YR 4/1 Dark Gray	Silty clay		NCM	
S234	20	B	35	10YR 5/1 Gray Feo2	Silty clay		NCM	BOE
S234	24	A	8	10YR 4/2 Dark Grayish Brown Feo2	Silty clay		NCM	HYDRIC
S234	24	A	12	10YR 4/2 Dark Greyish Brown	Clay Loam		NCM	
S234	24	B	26	10YR 5/2 Gray Brown mottled 10YR 7/1 Light Gray Feo2	Clay		NCM	BOE
S234	24	B	30	10YR 4/1 Dark Grey	Clay		NCM	Oxidation
S240	5	A	33	2.5Y 5/3 Light Olive Brown	Silt loam	no rocks	NCM	Cornfield
S240	5	B	43	2.5Y 7/2 Light Gray	Clay Sand	no rocks	NCM	FeO2, Cornfield
S240	6	A	22	10YR 5/3 Brown	Silty Clay Loam		NCM	Modern Glass Discard
S240	6	B	33	10YR 7/1 Light Grey	Silty Clay		NCM	
S240	7	A	40	10YR 5/3 Brown	Silt		NCM	
S240	7	B	55	10YR 6/1 Gray	Silty Clay		NCM	FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S240	8	A	27	10YR 4/4 Dark Yellow Brown	Compact Clay	<30%	NCM	
S240	8	B	49	10YR 7/1 Light Gray Feo2	Compact Clay	<30%	NCM	Boe
S240	9	A	13	10YR 5/2 Gray Brown	Silty clay		NCM	
S240	9	B	25	10YR 5/3 Brown	Silty Clay		Discarded: 1 Piece of Plastic	BOE
S240	10	A	38	10YR 5/3 Brown	Silty Clay Loam		NCM	
S240	10	B	48	10YR 5/1 Grey	Silty clay		NCM	
S240	11	A	20	10YR 5/3 Brown	Silty Clay Loam		NCM	
S240	11	B	30	10YR 7/1 Light Grey	Silty Clay		NCM	
S240	12	A	20	2.5Y 5/3 Light Olive Brown	Silt loam	no rocks	NCM	Cornfield
S240	12	B	30	2.5Y 7/2 Light Gray	Clay Sand	no rocks	NCM	FeO2, Cornfield
S240	13	A	25	10YR 4/4 Dark Yellow Brown	Compact Clay	<30%	NCM	
S240	13	B	47	10YR 7/1 Light Gray Feo2	Compact Clay	<30%	NCM	Boe
S240	14	A	38	10YR 5/3 Brown	Silt		NCM	
S240	14	B	52	10YR 4/1 Dark Gray	Silty Clay		NCM	FeO2
S240	15	A	29	2.5Y 5/3 Light Olive Brown	Silt loam	no rocks	NCM	Cornfield
S240	15	B	39	2.5Y 5/1 Gray	Silty clay	no rocks	NCM	FeO2, Cornfield
S241	5	A	15	10YR 4/3 Brown	Silty clay		NCM	
S241	5	B	30	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	Boe
S241	6	A	23	10YR 5/3 Brown	Silty Clay Loam		NCM	
S241	6	B	40	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2
S241	9	A	16	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S241	9	B	44	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2
S241	10	A	30	10YR 4/3 Brown	Silty clay		NCM	
S241	10	B	41	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S241	11	A	21	10YR 4/3 Brown	Silty clay		NCM	
S241	11	B	43	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S241	12	A	15	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S241	12	B	42	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2
S241	14	A	22	10YR 5/3 Brown	Silty clay		NCM	
S241	14	B	32	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S241	15	A	26	10YR 4/3 Brown	Silty clay		NCM	
S241	15	B	45	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S241	16	A	23	10YR 4/3 Brown	Silty clay		NCM	Discard Modern plastic
S241	16	B	36	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S241	18	A	21	10YR 5/3 Brown	Silty clay		NCM	
S241	18	B	32	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S241	19	A	20	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S241	19	B	41	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2
S241	20	A	18	10YR 5/3 Brown	Silt loam		NCM	
S241	20	B	33	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S241	21	A	30	10YR 4/3 Brown	Silty clay		NCM	
S241	21	B	41	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S242	5	A	25	2.5Y 5/2 Gray Brown	Silt loam	no rocks	NCM	Cornfield
S242	5	B	37	2.5Y 5/1 Gray	Silty Clay	no rocks	NCM	FeO2, Cornfield
S242	6	A	24	2.5Y 5/2 Gray Brown	Silt loam	no rocks	NCM	Cornfield
S242	6	B	34	2.5Y 5/1 Gray	Silty Clay	no rocks	NCM	FeO2, Cornfield
S242	7	A	19	10YR 5/3 Brown	Silt		NCM	
S242	7	B	32	10YR 7/1 Light Gray	Silty Clay		NCM	
S242	8	A	22	10yr 5/3 (brown)	Silt loam		NCM	
S242	8	B	34	10yr 4/1 (dark gray)	Silty clay		NCM	
S242	9	A	30	10YR 4/2 Dark Grayish Brown Feo2	Compact Clay		NCM	
S242	9	B	40	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE
S242	10	A	25	10YR 5/2 Gray Brown	Silty Clay		NCM	
S242	10	B	35	10YR 6/3 Pale Brown	Clay		NCM	BOE
S242	11	A	20	2.5Y 5/2 Gray Brown	Silt loam	no rocks	NCM	Cornfield
S242	11	B	30	2.5Y 5/1 Gray	Silty Clay	no rocks	NCM	FeO2, Cornfield
S242	12	A	28	10YR 4/2 Dark Grayish Brown Feo2	Compact Clay		NCM	
S242	12	B	30	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	Compact Clay Impasse
S242	13	A	11	10yr 5/3 (brown)	Silt loam		NCM	
S242	13	B	25	10yr 4/1 (dark gray)	Silty clay		NCM	
S242	14	A	20	10YR 5/3 Brown	Silt		NCM	
S242	14	B	35	10YR 7/1 Light Gray	Silty Clay		NCM	
S242	15	A	21	2.5Y 5/2 Grayish Brown	Fine Silt		NCM	
S242	15	B	32	2.5Y 6/1 Gray	Silty Clay		NCM	BOE
S242	16	A	19	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S242	16	B	36	10YR 7/1 Light Gray	Silty Clay		NCM	BOE
S242	17	A	17	10YR 5/3 Brown	Silty clay		NCM	
S242	17	B	32	10YR 6/1 Gray	Silty Clay		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S242	18	A	26	10YR 4/3 Brown	Silt loam		NCM	
S242	18	B	38	10YR 5/1 Gray	Silty clay		NCM	BOE
S242	19	A	29	10YR 4/3 Brown	Silty clay		NCM	
S242	19	B	40	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S242	20	A	25	2.5Y 5/2 Grayish Brown	Fine Silt		NCM	
S242	20	B	35	2.5Y 6/1 Gray	Silty Clay		NCM	BOE
S242	21	A	20	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S242	21	B	35	10YR 7/1 Light Gray	Silty Clay		NCM	BOE
S242	22	A	28	10YR 4/3 Brown	Silty clay		NCM	
S242	22	B	48	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S242	23	A	18	10YR 4/3 Brown	Silty clay		NCM	
S242	23	B	34	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S242	24	A	22	10YR 4/3 Brown	Silt loam		NCM	
S242	24	B	36	10YR 5/1 Gray	Silty clay		NCM	BOE
S242	26	A	23	2.5Y 5/2 Grayish Brown	Fine Silt		NCM	
S242	26	B	34	2.5Y 6/1 Gray	Silty Clay		NCM	BOE
S242	27	A	18	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S242	27	B	33	10YR 6/1 Gray	Silty Clay		NCM	
S242	27	C	45	10YR 4/3 Brown	Silty Clay		NCM	BOE
S242	28	A	26	10YR 4/3 Brown	Silty clay		NCM	
S242	28	B	38	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	Boe
S242	31	A	19	10YR 5/3 Brown	Silty clay		NCM	
S242	31	B	31	10YR 6/1 Gray	Silty Clay		NCM	BOE
S243	4	A	21	10YR 4/3 Brown	Silty Clay		NCM	
S243	4	B	31	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S243	5	A	16	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S243	5	B	34	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	BOE
S243	6	A	31	10YR 3/3 Dark Brown	Silty clay loam		NCM	Rock Impasse
S243	7	A	20	10YR 6/3 Pale Brown	Silty Clay	no rocks	NCM	
S243	7	B	36	10YR 5/1 Gray	Clay	no rocks	NCM	
S243	8	A	18	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S243	8	B	35	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	BOE
S243	9	A	25	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S243	9	B	38	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	BOE
S243	10	A	22	10YR 5/3 Brown	Silty clay loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S243	10	B	36	10YR 6/3 Pale Brown	Silty clay		NCM	BOE
S244	5	A	28	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	5	B	40	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S244	6	A	19	2.5Y 5/2 Grayish Brown	Silt loam	<5% rocks	NCM	
S244	6	B	31	2.5Y 8/1 White	Clay	<1% rocks and gravel	NCM	BOE; FeO2
S244	7	A	11	10YR 4/3 Brown	Clay Loam		Prehistoric: 4 flakes	
S244	7	B	22	10YR 3/3 Dark Brown	Clay		NCM	BOE
S244	8	A	23	10YR 5/2 Gray Brown	Silty Clay		NCM	
S244	8	B	33	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE
S244	9	A	16	10YR 6/3 Pale Brown	Silty Clay	10% rocks	NCM	Ant Hill Impasse
S244	10	A	22	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	10	B	36	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S244	11	A	18	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	11	B	30	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S244	12	A	31	10YR 5/2 Gray Brown	Clay		NCM	Rock Impasse
S244	13	A	16	2.5Y 5/2 Grayish Brown	Silt loam	<2% rocks	NCM	
S244	13	B	21	2.5Y 3/1 Very Dark Gray	Silty Clay	<1% rocks and gravel	NCM	FeO2
S244	13	C	31	2.5YR 7/2 Light Gray	Clay	<1% rocks and gravel	NCM	BOE; FeO2
S244	15	A	26	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	15	B	31	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	Rock Impasse
S244	16	A	24	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	16	B	38	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S244	17	A	18	2.5Y 5/2 Grayish Brown	Silt loam	<2% rocks	NCM	
S244	17	B	23	2.5Y 3/1 Very Dark Gray	Silty Clay	<1% rocks and gravel	NCM	FeO2
S244	17	C	33	2.5YR 7/2 Light Gray	Clay	<1% rocks and gravel	NCM	BOE; FeO2
S244	18	A	23	2.5Y 4/2 Dark Grayish Brown	Silt loam	<2% rocks	NCM	
S244	18	B	33	2.5Y 6/1 Gray	Clay		NCM	BOE; FeO2
S244	19	A	20	10YR 6/3 Pale Brown	Silty Clay		NCM	
S244	19	B	33	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S244	20	A	23	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S244	20	B	35	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S244	7 R10S5W	A	18	10YR 4/3 Brown	Clay Loam		NCM	
S244	7 R10S5W	B	23	10YR 3/3 Dark Brown	Clay		NCM	Compaction Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S244	7 R10W	A	57	10YR 5/4 Yellow Brown	Sandy Loam		NCM	
S244	7 R10W	B	67	10YR 5/1 Gray	Sand		NCM	
S244	7 R15N	A	14	2.5Y 5/2 Grayish Brown	Silt loam	<3% rocks and gravel	NCM	FeO2
S244	7 R15N	B	26	10YR 3/3 Dark Brown	Clay		NCM	BOE; FeO2
S244	7 R5E	A	15	2.5Y 5/2 Grayish Brown	Silt loam	<3% rocks and gravel	NCM	FeO2
S244	7 R5E	B	24	10YR 3/3 Dark Brown	Clay		NCM	Clay Compaction Impasse; FeO2
S244	7 R5NE	A	16	2.5Y 5/2 Grayish Brown	Silt loam	<3% rocks and gravel	NCM	FeO2
S244	7 R5NE	B	18	10YR 3/3 Dark Brown	Clay		NCM	Clay Compaction Impasse; FeO2
S244	7 R5N	A	9	10YR 4/3 Brown	Clay Loam		Prehistoric: 1 point, 1 flake	
S244	7 R5N	B	20	10YR 3/3 Dark Brown	Clay		NCM	BOE
S244	7 R5N10W	A	10	10YR 4/3 Brown	Silty Clay Loam	5% rock and gravel	NCM	Bedrock Impasse
S244	7 R5N5W	A	22	10YR 4/3 Brown	Silty Clay Loam	5% rock and gravel	Prehistoric: 1 flake	
S244	7 R5N5W	B	45	10YR 3/3 Dark Brown	Clay		NCM	BOE
S244	7 R5S	A	17	10YR 4/3 Brown	Clay Loam		NCM	
S244	7 R5S	B	27	10YR 3/3 Dark Brown	Clay		NCM	BOE
S244	7 R5S5W	A	22	10YR 3/3 Dark Brown	Clay Loam		Prehistoric: 8 flakes	Charcoal
S244	7 R5S5W	B	29	10YR 5/2 Grayish Brown	Clay		NCM	Compaction Impasse
S244	7 R5W	A	13	10YR 4/3 Brown	Clay Loam		Prehistoric: 21 flakes	
S244	7 R5W	B	25	10YR 3/3 Dark Brown	Clay		NCM	BOE
S245	5	A	22	10YR 5/3 Brown	Silty clay loam		NCM	
S245	5	B	36	10YR 6/1 Gray feo2	Silty clay		NCM	BOE
S245	6	A	23	2.5Y 5/2 Grayish Brown	Silt loam	<1% rocks	NCM	
S245	6	B	34	2.5YR 7/2 Light Gray	Silty Clay		NCM	BOE; FeO2
S245	7	A	33	7.5YR 3/1 Very Dark Gray	Silty clay loam	15% rocks and cobble	NCM	
S245	7	B	43	7.5YR 4/3 Brown	Clay	<5% rocks and gravel	NCM	BOE; FeO2
S245	8	A	20	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S245	8	B	39	10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE
S245	9	A	16	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S245	9	B	28	10YR 7/1 Light Gray	Silty Clay	5% rocks	NCM	BOE; FeO2
S245	11	A	21	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S245	11	B	27	10YR 5/2 Gray Brown Feo2	Silty clay		NCM	Rock Impasse
S245	12	A	25	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	ROCK Impasse
S245	13	A	20	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S245	13	B	39	10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE
S245	14	A	19	10YR 4/3 Brown	Silt loam	20% rocks	NCM	
S245	14	B	37	10YR 6/1 Gray	Silty Clay	25% rocks	NCM	BOE; FeO2
S245	15	A	23	10YR 4/2 Dark Grayish Brown	Compact Clay		NCM	
S245	15	B	35	10YR 5/2 Gray Brown Feo2	Silty clay		NCM	Boe
S246	3	A	22	10YR 4/2 Dark Grayish Brown Feo2	Silty clay		NCM	HYDRIC
S246	3	B	43	10YR 7/1 Light Gray Feo2	Silty clay		NCM	BOE
S247	3	A	32	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S247	3	B	42	10YR 5/3 Brown	Silt loam		NCM	
S247	3	C	53	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2
S247	4	A	27	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S247	4	B	48	10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S247	5	A	25	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S247	5	B	43	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S247	6	A	31	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S247	6	B	41	2.5Y 7/2 Light Gray	Silty clay		NCM	BOE; Mottled w/ 2.5Y /1 Gray; FeO2
S247	7	A	21	10YR 3/3 Dark Brown	Silty Clay		NCM	
S247	7	B	38	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S247	8	A	17	10YR 3/3 Dark Brown	Silty Clay		NCM	
S247	8	B	30	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S247	9	A	23	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S247	9	B	39	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2
S247	10	A	25	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S247	10	B	40	10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S248	5	A	30	10YR 4/2 Dark Grayish Brown Feo2	Silty clay loam		NCM	
S248	5	B	41	10YR 5/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S248	6	A	22	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S248	6	B	39	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2
S248	7	A	21	10YR 3/3 Dark Brown	Silty Clay		NCM	
S248	7	B	40	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S248	8	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
S248	8	B	38	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S248	9	A	15	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S248	9	B	25	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S248	10	A	21	10YR 4/2 Dark Grayish Brown Feo2	Silty clay loam		NCM	
S248	10	B	42	10YR 5/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S248	11	A	23	10YR 4/2 Dark Grayish Brown Feo2	Silty clay loam		NCM	
S248	11	B	39	10YR 5/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S248	12	A	24	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S248	12	B	39	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S248	13	A	33	10YR 4/2 Dark Grayish Brown Feo2	Silty clay loam		NCM	
S248	13	B	45	10YR 5/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Silty clay		NCM	BOE
S248	14	A	30	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S248	14	A	23	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S248	14	B	43	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2
S248	14	B	35	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S248	15	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM	
S248	15	A	10	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S248	15	B	38	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S248	15	B	30	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S248	16	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
S248	16	B	35	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S248	17	A	23	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S248	17	B	34	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2
S248	18	A	39	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S248	18	B	53	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S249	5	A	27	10YR 4/2 Dark Grayish Brown	Silty clay loam		NCM	
S249	5	B	40	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE
S249	6	A	26	2.5Y 4/2 Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S249	6	B	39	2.5 Y 6/1 Gray	Silty clay		NCM	BOE; FeO2
S249	7	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM	
S249	7	B	31	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S249	8	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
S249	8	B	40	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S249	9	A	20	2.5Y 4/2 Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM	
S249	9	B	33	2.5 Y 6/1 Gray	Silty clay		NCM	BOE; FeO2
S249	10	A	26	10YR 4/2 Dark Grayish Brown Feo2	Silty clay loam		NCM	
S249	10	B	38	10YR 5/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S249	14	A	23	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM	
S249	14	B	39	10YR 5/2 Grayish Brown	Silt		NCM	BOE; FeO2
S249	15	A	19	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM	
S249	15	A	22	10YR 3/2 Very Dark Grayish Brown	Silty clay		NCM	Hydric
S249	15	B	31	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S249	15	B	41	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	BOE
S249	16	A	27	10YR 2/2 Very Dark Brown	Silt loam		NCM	
S249	16	B	43	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S249	17	A	24	2.5Y 2/1 Black	Silty clay loam	<1% rocks and gravel	NCM	Several tiny roots
S249	17	B	34	GLEY 1 6/5 GY Greenish Gray	Silty clay		NCM	BOE; FeO2
S249	18	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
S249	18	B	42	10YR 6/1 Gray	Clay		NCM	BOE; FeO2
S249	19	A	25	10YR 3/2 Very Dark Grayish Brown	Silty clay		NCM	Hydric
S249	19	B	50	2.5YR 5/4 Olive Brown Feo2	Silty clay		NCM	BOE
S249	20	A	20	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM	
S249	20	B	33	10YR 5/2 Grayish Brown	Silt		NCM	BOE; FeO2
S249	21	A	39	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM	
S249	21	B	49	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S250	1	A	20	10YR 2/1 Black	Silty clay loam		NCM	
S250	1	B	30	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S250	2	A	31	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM	
S250	2	B	45	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2
S250	4	A	32	10YR 4/2 Dark Grayish Brown	Silty clay		NCM	Rock Impasse
S250	5	A	28	10YR 2/1 Black	Silty clay loam		NCM	
S250	5	B	40	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S250	6	A	16	10YR 2/1 Black	Silty clay loam		NCM	
S250	6	B	31	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S251	5	A	23	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	5	B	33	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S251	6	A	28	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM	
S251	6	B	41	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2
S251	7	A	27	10YR 4/4 Dark Yellow Brown	Silty clay		NCM	
S251	7	B	44	10YR 6/4 Light Yellow Brown	Silty clay		NCM	BOE
S251	9	B	36	10YR 8/2 Very Pale Brown	Clay Sand	<1% rocks and gravel	NCM	BOE; Mottled with 10YR 6/3 Pale Brown; FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S251	10	A	29	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	10	B	42	10YR 6/1 Gray	Silty clay		NCM	BOE; FeO2
S251	11	A	26	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	11	B	36	10YR 6/1 Gray	Silty clay		NCM	BOE; FeO2
S251	12	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	12	B	37	10YR 6/1 Gray	Silty clay		NCM	BOE; FeO2
S251	13	A	41	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM	
S251	13	B	53	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2
S251	14	A	30	10YR 4/2 Dark Grayish Brown	Silty clay		NCM	
S251	14	B	46	10YR 6/2 Gray Brown Feo2	Silty clay		NCM	BOE
S251	15	A	40	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	
S251	15	B	52	10YR 6/2 Gray Brown Feo2	Sa-Cl		NCM	BOE
S251	17	A	29	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	17	B	41	10YR 6/1 Gray	Silty clay		NCM	BOE; FeO2
S251	18	A	23	10YR 3/3 Dark Brown	Silty Clay		NCM	
S251	18	B	33	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S252	5	A	32	10YR 4/4 Dark Yellow Brown	Sa-Cl		NCM	
S252	5	B	46	10YR 6/2 Gray Brown mottled 7.5YR 5/6 Strong Brown FE02	Coarse sand		NCM	BOE
S252	6	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	6	B	40	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	7	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
S252	7	B	34	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S252	8	A	28	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	8	B	39	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	9	A	31	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	9	B	41	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	10	A	23	10YR 3/3 Dark Brown	Silty Clay		NCM	
S252	10	B	35	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S252	13	A	30	10YR 4/4 Dark Yellow Brown	Sa-Cl		NCM	
S252	13	B	46	10YR 6/2 Gray Brown mottled 7.5YR 5/6 Strong Brown FE02	Coarse sand		NCM	BOE
S252	14	A	28	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	14	B	38	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	15	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S252	15	B	36	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2
S252	16	A	24	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	16	B	35	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	18	A	40	10YR 4/4 Dark Yellow Brown	Sa-Cl		NCM	
S252	18	B	52	10YR 6/2 Gray Brown mottled 7.5YR 5/6 Strong Brown FE02	Coarse sand		NCM	BOE
S252	19	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	19	B	36	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	20	A	25	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM	
S252	20	B	36	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S252	21	A	22	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM	
S252	21	B	40	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2
S252	23	A	27	10YR 4/4 Dark Yellow Brown	Sa-Cl		NCM	
S252	23	B	44	10YR 6/2 Gray Brown mottled 7.5YR 5/6 Strong Brown FE02	Coarse sand		NCM	BOE
S252	24	A	35	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM	
S252	24	B	46	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2
S252	25	A	32	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM	
S252	25	B	44	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2
S252	27	A	30	10YR 4/4 Dark Yellow Brown	Sa-Cl		NCM	
S252	27	B	46	10YR 6/2 Gray Brown mottled 7.5YR 5/6 Strong Brown FE02	Coarse sand		NCM	BOE
S253	2	A	24	10YR 4/3 Brown	Sandy Loam	20% rock	NCM	Rock Impasse
S253	3	A	30	10YR 4/3 Brown	Silt	15% rocks	NCM	
S253	3	B	52	7.5YR 3/1 Very Dark Gray	Sand Silt	20% rocks	NCM	BOE; Mixed with 7.5 YR 5/8 Strong Brown
S253	4	A	25	10YR 4/3 Brown	Sandy Loam	20% pea gravel	NCM	
S253	4	B	35	7.5YR 4/6 Strong Brown	Coarse Sand	10% pea gravel	NCM	BOE
S253	5	A	31	10YR 4/3 Brown	Sandy Loam	20% pea gravel	NCM	
S253	5	B	41	7.5YR 4/6 Strong Brown	Coarse Sand	10% pea gravel	NCM	BOE
S253	6	A	22	10YR 4/3 Brown	Silt	15% rocks	NCM	
S253	6	B	45	7.5YR 5/8 Strong Brown	Sandy Silt	20% rocks	NCM	
S253	6	C	60	7.5YR 6/1 Gray	Sandy Silt	15% rocks	NCM	BOE
S253	7	A	24	10YR 4/6 Dark Yellow Brown	Silt loam		NCM	
S253	7	B	36	7.5YR 5/6 Strong Brown	Silt loam		NCM	BOE
S253	8	A	22	10YR 4/6 Dark Yellow Brown	Silt loam		NCM	
S253	8	B	27	7.5YR 5/6 Strong Brown	Silt loam		NCM	Rock Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S253	9	A	26	10YR 4/6 Dark Yellow Brown	Silt loam		NCM	
S253	9	B	39	7.5YR 5/6 Strong Brown	Silt loam		NCM	BOE
S253	10	A	30	10YR 4/3 Brown	Sandy Loam	15% rock	NCM	
S253	10	B	41	10YR 4/1 Dark Gray	Sandy Clay	25% rocks and gravel	NCM	BOE
S253	11	A	30	10YR 4/3 Brown	Silt	30% rocks	NCM	
S253	11	B	53	7.5YR 3/1 Very Dark Gray	Sand Silt	30% rocks	NCM	BOE; Mixed with 7.5 YR 5/8 Strong Brown
S253	12	A	24	10YR 4/3 Brown	Sandy Loam	20% pea gravel	NCM	
S253	12	B	34	7.5YR 4/6 Strong Brown	Coarse Sand	10% pea gravel	NCM	BOE
S253	13	A	31	10YR 4/3 Brown	Sandy Loam	20% pea gravel	NCM	
S253	13	B	42	7.5YR 4/6 Strong Brown	Coarse Sand	10% pea gravel	NCM	BOE
S253	14	A	20	10YR 4/3 Brown	Silt	40% rocks	NCM	Rock Impasse
S253	15	A	16	10YR 4/3 Brown	Sandy Loam	20% rock	NCM	Rock Impasse
S253	16	A	36	10YR 4/6 Dark Yellow Brown	Silt loam		NCM	Rock Impasse
S257	5	A	5	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S257	5	B	20	10YR 4/1 Dark Gray	Clay	no rocks	NCM	Oxidation
S257	6	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S257	6	B	36	10YR 4/1 Dark Gray	Clay	no rocks	NCM	Oxidation
S257	7	A	20	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM	
S257	7	B	42	10YR 5/1 Gray	Sandy Clay	5% Rocks	NCM	
S257	8	A	21	Very Dark Gray (10YR 3/1)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments
S257	8	B	31	Greenish Gray (GLEY 1 5G5/1)	Clay Hydric FeO2	<1% Rock & Gravel	NCM	BOE
S257	9	A	21	Very Dark Gray (10YR 3/1)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments
S257	9	B	33	Greenish Gray (GLEY 1 5G5/1)	Clay Hydric FeO2	<1% Rock & Gravel	NCM	BOE
S257	10	A	19	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM	
S257	10	B	37	10YR 5/1 Gray	Sandy Clay	5% Rocks	NCM	
S257	11	A	19	10YR 3/3 Dark Brown	Silt loam	5% Rocks	NCM	
S257	11	B	33	10YR 5/1 Gray	Clay	40% Rocks	NCM	Oxidation
S257	12	A	26	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S257	12	B	40	10YR 4/1 Dark Gray	Clay		NCM	BOE; FeO2
S257	13	A	17	10YR 4/1 Gray	Silty Clay Loam		NCM	
S257	13	B	29	10YR 5/1 Gray	Clay		NCM	Oxidation
S257	14	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
S257	14	B	33	10YR 5/1 Gray	Clay		NCM	BOE; FeO2

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S257	15	A	28	10YR 3/3 Dark Brown	Silty Clay		NCM	
S257	15	B	38	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S257	16	A	12	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S257	16	B	25	10YR 4/1 Dark Gray	Clay		NCM	BOE; FeO2
S257	17	A	31	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S257	17	B	44	10YR 4/1 Dark Gray	Clay		NCM	BOE; FeO2
S257	18	A	29	10YR 3/3 Dark Brown	Silt loam	5% Rocks	NCM	
S257	18	B	43	10YR 5/1 Gray	Clay	40% Rocks	NCM	Oxidation
S257	19	A	23	10YR 3/3 Dark Brown	Silt loam		NCM	
S257	19	B	33	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S257	20	A	19	Very Dark Gray (10YR 3/1)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments
S257	20	B	30	Greenish Gray (GLEY 1 5G5/1)	Clay Hydric FeO2	<1% Rock & Gravel	NCM	BOE
S257	21	A	19	Very Dark Gray (10YR 3/1)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments
S257	21	B	29	Greenish Gray (GLEY 1 5G5/1)	Clay Hydric FeO2	<1% Rock & Gravel	NCM	BOE
S257	22	A	31	10YR 3/3 Dark Brown	Silt loam		NCM	
S257	22	B	41	10YR 5/1 Gray	Clay		NCM	BOE; FeO2
S257	23	A	25	10YR 3/3 Dark Brown	Silt loam	5% Rocks	NCM	
S257	23	B	42	10YR 5/1 Gray	Clay	40% Rocks	NCM	Oxidation
S257	24	A	20	10YR 4/1 Gray	Silty Clay Loam		NCM	
S257	24	B	30	10YR 5/1 Gray	Clay		NCM	Oxidation
S258	5	A	13	Dark Grayish Brown (10YR 4/2)	Silty clay loam	<1% Rock & Gravel	NCM	No Comments
S258	5	B	19	Dark Gray (10YR 4/1)	Silty clay FeO2	<1% Rock & Gravel	NCM	this strata was more of a lense btw A&C
S258	5	C	29	Light Gray (10YR 7/1)	Clay Hydric Heavy FeO2	<1% Rock	NCM	BOE
S258	6	A					NCM	Fallen Log/Tree Impasse Hidden by tall grass
S258	7	A	16	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S258	7	B	30	Gley 1 10Y 6/1 Greenish Gray	Clay		NCM	BOE; FeO2
S258	8	A	18	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S258	8	B	33	Gley 1 4/N Dark Gray	Clay		NCM	BOE; FeO2
S258	9	A	10	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	Root Impasse
S258	10	A	13	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S258	10	B	26	GLEY 1 10Y 6/1 Greenish Gray	Clay		NCM	Oxidation
S258	11	A	15	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM	
S258	11	B	36	10YR 6/1 Gray	Clay	no rocks	NCM	Oxidation

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S258	12	A	12	Dark Gray (10YR 4/1)	Silty Clay Loam	<1% Rock & Gravel	NCM	No Comments
S258	12	B	22	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric FeO2	No Rock/Gravel	NCM	BOE
S258	13	A	15	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM	
S258	13	B	30	10YR 6/1 Gray	Clay	no rocks	NCM	Oxidation
S258	14	A	20	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S258	14	B	32	GLEY 1 10Y 6/1 Greenish Gray	Clay		NCM	Very Heavy Oxidation
S258	15	A	7	10YR 4/3 Brown	Silt loam		NCM	Root Impasse
S258	16	A	17	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM	
S258	16	B	30	10YR 6/1 Gray	Clay	no rocks	NCM	Oxidation
S258	17	A	6	Dark Gray (10YR 4/1)	Silty Clay Loam	<1% Rock & Gravel	NCM	No Comments
S258	17	B	20	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric FeO2	No Rock/Gravel	NCM	BOE
S258	18	A	14	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM	
S258	18	B	30	10YR 5/1 Gray	Clay	5% rocks	NCM	Oxidation
S258	19	A	18	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S258	19	B	22	10YR 2/2 Very Dark Brown	Silty Clay		NCM	
S258	19	C	35	10YR 4/1 Gray	Silt		NCM	Oxidation
S258	20	A	23	10YR 4/3 Brown	Silt loam		NCM	
S258	20	B	40	10YR 5/1 Gray	Clay		NCM	BOE; FeO2; Mottled w/ 10YR 5/6 Yellowish Brown
S258	21	A	19	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S258	21	B	33	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE; FeO2; Mottled w/ Gley 1 10Y 6/1 Greenish Gray
S258	22	A	15	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM	
S258	22	B	28	10YR 5/1 Gray	Clay		NCM	Oxidation
S258	23	A	16	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM	
S258	23	B	30	10YR 5/1 Gray	Clay	5% Rocks	NCM	Oxidation
S258	24	A	4	Dark Gray (10YR 4/1)	Silty Clay Loam	<1% Rock & Gravel	NCM	No Comments
S258	24	B	20	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric FeO2	No Rock/Gravel	NCM	BOE
S259	1	A	34	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	5% rock	NCM	
S259	1	B	49	10YR 4/1 Dark Gray	Clay	10% rock	NCM	BOE; FeO2
S259	2	A	22	10YR 4/3 Brown	Silty Clay Loam		NCM	
S259	2	B	35	10YR 5/1 Gray	Silty Clay		NCM	Oxidation
S259	3	A	35	10YR 4/3 Brown	Silt loam	no rocks	NCM	
S259	3	B	50	10YR 5/1 Gray	Sandy Silty clay	5% Rocks	NCM	
S259	4	A	23	Dark Grayish Brown (10YR 4/2)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments
S259	4	B	33	Greenish Gray (GLEY 1 5/10GY)	Silty Clay FeO2	7% Pea Gravel	NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S259	5	A	25	10YR 3/3 Dark Brown	Silty Clay Loam	10% rock	NCM	
S259	5	B	42	10YR 5/1 Gray	Sandy Clay	5% gravel	NCM	BOE; FeO2
S259	6	A	29	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	10% rock	NCM	
S259	6	B	37	10YR 4/1 Dark Gray	Clay	20% rock	NCM	BOE; FeO2
S265	5	A	35	10YR 3/3 Dark Brown	Silt loam	15% Gravel	NCM	Cornfield
S265	5	B	47	10YR 5/6 Yellow Brown	Silt	20% R+G	NCM	Cornfield
S265	6	A	66	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% Rocks and Gravel	NCM	Compact Gravel and Rock Impasse
S265	7	A	28	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	20% Rocks and Gravel	NCM	
S265	7	B	34	10YR 4/4 Dark Yellowish Brown	Silty Clay	40% Rocks and Gravel	NCM	Gravel Impasse
S265	8	A	31	10YR 3/3 Dark Brown	Silt loam	15% Gravel	NCM	Cornfield
S265	8	B	52	2.5Y 5/4 Light Olive Brown	Silt	30% R+G	NCM	Cornfield
S266	5	A	27	10YR 4/3 Brown	Sandy Loam	30% Rocks and Gravel	NCM	Gravel Impasse
S266	6	A	18	10YR 4/3 Brown	Sandy Loam	30% Rocks and Gravel	NCM	
S266	6	B	30	10YR 5/3 Brown	Sandy Loam	40% Rocks and Gravel	NCM	
S266	7	A	33	10YR 4/4 Dark Yellow Brown	Compact Clay	<30%	NCM	Rock Impasse
S266	8	A	10	10yr 4/3 (brown)	Silt loam	25% gravel	NCM	Gravel impasse
S266	9	A	25	10YR 5/3 Brown	Silty clay		NCM	Rock Impasse
S266	10	A	17	2.5Y 4/3 Olive Brown	Silt loam	30% Gravel, 5-10% Rock	NCM	Cornfield, Rock and Gravel Impasse, Compaction
S266	11	A	18	10YR 5/3 Brown	Silt	35% Gravel	NCM	Cornfield, Compact Soil, cobblestones on surface
S266	12	A	15	10YR 4/2 Dark Grayish Brown Feo2	Compact Clay	<30%	NCM	Rock Impasse
S266	14	A	13	2.5Y 4/3 Olive Brown	Silt loam	30% Gravel, 5-10% Rock	NCM	Cornfield, Rock and Gravel Impasse, Compaction
S266	15	A	12	10yr 4/3 (brown)	Clay Loam	25% rock and gravel	NCM	
S269	1	A	10	10YR 4/2 Dark Grayish Brown	Silt loam	20% R+G	NCM	
S269	1	B	30	10YR 5/6 Yellow Brown	Silt	30% R+G	NCM	
S269	2	A	12	10YR 4/2 Dark Grayish Brown	Silt loam	20% R+G	NCM	
S269	2	B	34	10YR 5/6 Yellow Brown	Silt	30% R+G	NCM	
S270	5	A	39	10YR 4/2 Dark Grayish Brown	Silt loam	20% R+G	NCM	
S270	5	B	59	10YR 4/3 Brown	Sand	35% R+G	NCM	
S270	6	A	30	10YR 4/2 Dark Grayish Brown	Silt loam	20% R+G	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S270	6	B	70	10YR 4/3 Brown	Sand	35% R+G	NCM	
S270	7	A	18	10yr 3/2 (very dark grayish brown)	Sandy Loam	20% rock and gravel	NCM	
S270	7	B	30	10yr 5/6 (yellowish brown)	Sand	20% rock and gravel	NCM	
S270	8	A	23	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S270	8	B	40	7.5YR 5/6 Strong Brown	Silty clay		NCM	BOE
S279	6	A	20	10YR 4/2 Dark Greyish Brown	Silt loam	15-20% Pebbles and Cobbles	NCM	Rock Impasse
S279	7	A	24	10YR 4/2 Dark Greyish Brown	Silt loam	15-20% Pebbles and Cobbles	NCM	
S279	7	B	40	10YR 5/3 Brown	Silt	15-20% Pebbles	NCM	Oxidation
S279	16	A	17	10YR 4/2 Dark Greyish Brown	Silt loam	20-30% Pebbles and Cobbles	NCM	Rock Impasse
S280	3	A	10	10YR 2/3 Dark Brown	Loam		NCM	Bedrock Impasse
S281	1	A	22	Grayish Brown (10YR 5/2)	Silt loam	20:25% Rock & Gravel	NCM	No Comments
S281	1	B	32	Light Pale Brown (10YR 7/3)	Silt	20% Rock & Gravel	NCM	BOE
S281	6	A	15	Dark gray (10YR 3/3)	Silt loam	5% Rocks and Gravel	NCM	
S281	6	B	35	Brown (10YR 5/3)	Silty clay	10% rocks and gravel	NCM	BOE
S281	7	A	31	Grayish Brown (10YR 5/2)	Silt loam	20% Rock & Gravel	NCM	Bedrock Impasse
S281	10	A	23	Grayish Brown (10YR 5/2)	Silt loam	20% Rock & Gravel	NCM	Bedrock Impasse
S281	14	A	38	Strong Brown (7.5YR 4/6)	Silt loam	20% Rock & Gravel	NCM	Bedrock Impasse
S282	2	A	3	Brown (10YR 4/3)	Silt loam	20% Rock & Gravel	NCM	Exposed Bedrock Impasse
S282	3	A	12	Brown (10YR 4/3)	Silt loam	20% Rock & Gravel	NCM	Bedrock Impasse
S282	3	B	27	Brownish Yellow (10YR 6/6)	Silt loam	20% Rock & Gravel	NCM	Bedrock Impasse
S282	4	A	3	Brown (10YR 4/3)	Silt loam	20% Rock & Gravel	NCM	Exposed Bedrock Impasse
S282	5	A	21	Grayish Brown (10YR 5/2)	Silt loam	20% Gravel	NCM	No Comments
S282	5	B	40	Dark Yellowish Brown (10YR 4/4)	Silt loam	20% Rock & Gravel	NCM	BOE
S282	6	A	8	Grayish Brown (10YR 5/2)	Silt loam	20% Gravel	NCM	No Comments
S282	6	B	21	Dark Yellowish Brown (10YR 4/4)	Silt loam	20% Rock & Gravel	NCM	BOE
S282	7	A	8	Very Dark Grayish Brown (10YR 3/2)	Silty Clay Loam	5% Rock	NCM	No Comments
S282	7	B	20	Dark Gray(10YR 4/1) mottled w. Pale Brown (10YR 6/3)	Compact Clay Sand FeO2	20:30% Rock	NCM	BOE
S291	1	A	30	10yr 5/3 (brown)	Sandy Loam	30% rock and gravel	NCM	Rock impasse
S296X	5	A	37	Grayish Brown (10YR 5/2)	Fine Silt	22% Gravel & Rock	NCM	Next to Road Very Mixed & Disturbed

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S296X	5	B	21	Brown (10YR 4/3)	Coarse Sand	30% Pea Gravel	NCM	BOE
S296X	6	A	18	10YR 4/2 Dark Greyish Brown	Silt loam	5% Rocks and Gravel	NCM	
S296X	6	B	29	10YR 6/6 Brownish Yellow	Loamy Sand	5% Rocks and Gravel	NCM	
S296X	6	C	41	10YR 5/3 Brown	Loamy Sand	20% Rocks and Gravel	NCM	
S296X	7	A	15	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S296X	7	B	19	10YR 4/3 Brown	Sandy Loam		NCM	Root Impasse
S297	5	A	0	N/A	N/A		N/A	Top Soil Stripped; Next to road
S297	5	B	40	10YR 5/3 Brown	Sand		NCM	
S297	5	C	59	10YR 5/3 Brown	Coarse Sand		NCM	BOE
S297	6	A	28	Grayish Brown (10YR 5/2)	Silt	20% Gravel & Rock	NCM	Next to Road Very Mixed & Disturbed
S297	6	B	43	Dark Yellowish Brown (10YR 4/4)	Very Coarse Sand	30% Pea Gravel	NCM	BOE
S297	7	A	19	10YR 4/3 Brown	Sand Silt Loam		NCM	
S297	7	B	29	10YR 5/4 Yellow Brown	Sandy Loam		NCM	BOE
S297	9	A	25	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S297	9	B	36	10YR 4/3 Brown	Sandy Loam	5% rock and gravel	NCM	
S297	9	C	49	10YR 4/3 Brown	Sand		NCM	BOE
S297	10	A	19	10YR 6/4 Light Yellowish Brown	Silt loam	5% Rocks and Gravel	NCM	
S297	10	B	39	10YR 4/3 Brown	Loamy Sand	20% Rocks and Gravel	NCM	
S297	11	A	42	Brown (10YR 5/3)	Silt loam	7% Rock & Gravel	NCM	No Comments
S297	11	B	58	Dark Grayish Brown (10YR 4/2)	Medium:Coarse Sand	13% Pea Gravel	NCM	BOE
S297	13	A	29	10YR 4/3 Brown	Sand Silt Loam		NCM	
S297	13	B	39	10YR 5/4 Yellow Brown	Sandy Loam		NCM	BOE
S297	14	A	42	10YR 4/3 Brown	Sand Silt Loam		NCM	
S297	14	B	59	10YR 5/3 Brown	Sand		NCM	BOE
S297	15	A	20	10YR 6/4 Light Yellowish Brown	Silt loam	5% Rocks and Gravel	NCM	
S297	15	B	37	10YR 4/3 Brown	Loamy Sand	20% Rocks and Gravel	NCM	Rock Impasse
S297	16	A	33	Grayish Brown (10YR 5/2)	Silt loam	25% Rock & Gravel	NCM	No Comments
S297	16	B	42	Dark Yellowish Brown (10YR 4/6)	Loamy Sand	20% Rock & Gravel 10% sm:med Cobbles	NCM	No Comments
S297	16	C	55	Dark Grayish Brown (10YR 4/2)	Coarse Sand	10% Pea Gravel	NCM	BOE
S309	1	A	30	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	Disturbed Soil
S309	1	B	51	10YR 5/4 Brownish Yellow	Silt loam	40% R+G	NCM	Disturbed Soil
S309	2	A	20	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	Road Rock Impasse
S309	3	A	24	10YR 4/2 Dark Grayish Brown	Silt loam	15% R+G	NCM	
S309	3	B	34	10YR 3/4 Dark Yellow Brown	Silty Clay	20% R+G	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S309	4	A	23	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	
S309	4	B	36	10YR 4/3 Brown	Silt loam	35% R+G	NCM	
S309	5	A	18	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	
S309	5	B	29	10YR 5/4 Brownish Yellow	Silty clay loam	40% R+G	NCM	
S328	5	A	21	10yr 3/3 (dark brown)	Silty Clay Loam	10% rock	NCM	
S328	5	B	40	10yr 4/2 (dark grayish brown)	Clay		NCM	
S328	5	C	52	10yr 5/3 (brown)	Clay		NCM	
S328	6	A	23	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil
S328	6	B	42	10YR 6/3 Pale Brown	Clay	5% rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse
S328	7	A	30	10YR 3/2 Very Dark Grayish Brown	Compact Silty Clay		NCM	
S328	7	B	41	10YR 4/1 Gray	Clay		NCM	Compact, Oxidation
S328	8	A	20	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	Compaction Impasse
S328	9	A	21	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil
S328	9	B	32	10YR 6/3 Pale Brown	Clay	5% rocks	NCM	Cornfield, Compact Soil, Rock Impasse
S328	10	A	27	Olive Brown (2.5Y 4/3)	Silt loam	15% Rock	NCM	No Comments
S328	10	B	37	Gray (2.5Y 6/1)	Clay Heavy FeO2	<2% Rock & Gravel	NCM	Very Compact Soil/BOE
S328	11	A	40	Olive Brown (2.5Y 4/3)	Silt loam	10% Rock	NCM	Next to Drianage Ditch Looks Disturbed
S328	11	B	50	Dark Gray (2.5Y 4/1) mottled w. 2% Light Olive Brown (2.5Y 5/3)	Silty clay FeO2	<2% Pebbles	NCM	BOE
S328	13	A	27	10YR 3/3 Dark Brown	Silty Clay	15% rocks + gravel	NCM	Cornfield, Compact Soil, Rock + Gravel Impasse
S328	14	A	27	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil
S328	14	B	39	10YR 6/3 Pale Brown	Silty Clay	5% rocks	NCM	Cornfield, Compact Soil
S328	20							No dig - leach field
S328	21	A	14	10yr 3/3 (dark brown)	Silty Clay Loam	20% gravel	NCM	Part of leach field - stopped digging
S328	23							No dig - leach field
S328	24	A	12	10yr 3/3 (dark brown)	Silty Clay Loam	20% gravel	NCM	Part of leach field - stopped digging
S328	26							No dig - leach field
S329	5	A	28	Very Dark Grayish Brown (2.5Y 3/2)	Silt loam	<1% Rock & Gravel	NCM	No Comments
S329	5	B	41	Gray (2.5Y 5/1)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE
S329	7	A	19	10YR 3/3 Dark Brown	Silt	no rocks	NCM	Cornfield, Compact Soil
S329	7	B	30	10YR 5/1 Gray	Silty Clay	5% rocks	NCM	Cornfield, Compact Soil
S329	8	A	19	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S329	8	B	28	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	
S329	8	C	42	10YR 4/1 Gray	Clay		NCM	
S329	9	A	13	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S329	9	B	30	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	
S329	9	C	43	10YR 4/1 Gray	Clay		NCM	Oxidation
S329	10	A	35	Very Dark Grayish Brown (2.5Y 3/2)	Silty clay Loam	<1% Rock & Gravel	NCM	No Comments
S329	10	B	45	Gray (2.5Y 5/1)	Silty Clay FeO2	No Rock/Gravel	NCM	BOE
S329	11	A	30	Very Dark Grayish Brown (2.5Y 3/2)	Silty clay Loam	<1% Rock & Gravel	NCM	No Comments
S329	11	B	43	Gray (2.5Y 5/1)	Silty Clay FeO2	No Rock/Gravel	NCM	BOE
S329	12	A	12	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	Compaction Impasse
S329	14	A	23	10YR 3/3 Dark Brown	Silt	no rocks	NCM	Cornfield, Compact Soil
S329	14	B	38	10YR 5/1 Gray	Silty Clay	5% rocks	NCM	Cornfield, Compact Soil
S329	15							No dig, field stone wall
S329	16	A	21	10YR 3/2 Very Dark Grayish Brown	Silt loam	no rocks	NCM	Cornfield, Compact Soil
S329	16	B	32	10YR 5/1 Gray	Silty Clay	no rocks	NCM	Cornfield, Compact Soil
S329	17	A	18	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S329	17	B	31	10YR 5/1 Gray	Silty Clay		NCM	Oxidation
S329	18							No dig, fire pit
S329	19	A	23	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S329	19	B	33	10YR 5/1 Gray	Silty Clay		NCM	
S329	22	A	20	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S329	22	B	32	10YR 5/1 Gray	Silty Clay		NCM	Oxidation
S329	25	A	27	10YR 3/3 Dark Brown	Silty Clay Loam		NCM	
S329	25	B	37	10YR 5/1 Gray	Silty Clay		NCM	
S329	27	A	13	Very Dark Grayish Brown (2.5Y 3/2)	Loam	40% Rock & Gravel	NCM	Disturbed Fill/Gravel Compaction Impasse
S330	3	A	20	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S330	3	B	33	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2
S330	4	A	34	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S330	4	B	47	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2
S330	6	A	29	Dark Grayish Brown (10YR 4/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments
S330	6	B	40	Light Gray (10YR 7/2)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE
S330	7	A	27	Dark Grayish Brown (10YR 4/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments
S330	7	B	38	Light Gray (10YR 7/2)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S330	10	A	22	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S330	10	B	35	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2
S331	5	A	33	Dark Grayish Brown (10YR 4/2)	Silt loam	25:30% Shale & Pea Gravel	NCM	No Comments
S331	5	B	47	Light Yellowish Brown (10YR 6/4)	Silty clay	15% Shale Gravel	NCM	BOE
S331	9	A	20	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	Rock Impasse
S331	12	A	40	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	Rock Impasse
S331	14	A	34	Grayish Brown (10YR 5/2)	Silt	20% Rock & Gravel	NCM	No Comments
S331	14	B	44	Yellowish Brown (10YR 5/4)	Silty clay	20% Rock	NCM	BOE
S331	15	A	18	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	Rock Impasse
S331	16	A	23	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	
S331	16	B	38	10YR 5/6 Yellowish Brown	Silty Clay Loam	25% rock and gravel	NCM	BOE; Rocks at bottom
S331	17	A	29	Grayish Brown (10YR 5/2)	Silt	20% Rock & Gravel	NCM	No Comments
S331	17	B	40	Yellowish Brown (10YR 5/4)	Silty clay	20% Rock	NCM	BOE
S331	18	A	25	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	Rock Impasse
S331	19	A	29	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	
S331	19	B	40	10YR 5/6 Yellowish Brown	Silty clay	25% rock and gravel	NCM	BOE
S331	20						NCM	Drainage ditch write-off
S331	21						NCM	Drainage ditch write-off
S331	22						NCM	Drainage ditch write-off
S331	23						NCM	Drainage ditch write-off
S331	24	A	31	10yr 3/3 (dark brown)	Sandy Loam	Rock impasse	NCM	
S331	24						NCM	Gravel road write-off
S331	25	A	18	10yr 3/3 (dark brown)	Sandy Loam		NCM	
S331	25	B	33	10yr 4/3 (brown)	Silt loam	20% rock	NCM	
S331	26	A	33	Dark Grayish Brown (10YR 4/2)	Silt loam	25:30% Shale & Pea Gravel	NCM	No Comments
S331	26	B	45	Light Yellowish Brown (10YR 6/4)	Silty clay	15% Shale Gravel	NCM	BOE
S331	27	A	16	10yr 3/3 (dark brown)	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S331	27	B	26	10yr 4/3 (brown)	Silt loam	20% rock	NCM	
S331	28	A	31	Dark Grayish Brown (10YR 4/2)	Silt loam	25:30% Shale & Pea Gravel	NCM	Large Stone Impasse
S331	30	A	29	Dark Grayish Brown (10YR 4/2)	Silt loam	25:30% Shale & Pea Gravel	NCM	Root & Rock Impasse
S331	31	A	35	Dark Grayish Brown (10YR 4/2)	Silt loam	25:30% Shale & Pea Gravel	NCM	No Comments
S331	31	B	45	Light Yellowish Brown (10YR 6/4)	Silty clay	15% Shale Gravel	NCM	BOE
S332	1	A	18	10yr 3/1 (very dark gray)	Silt loam	1% rock and gravel	NCM	
S332	1	B	38	10yr 5/2 (grayish brown)	Silty Clay	1% rock and gravel	NCM	
S332	5	A	25	10yr 4/3 (brown)	Silty Clay Loam	20% rock and gravel	NCM	
S332	5	B	36	10yr 5/6 (yellowish brown)	Silty Clay	20% rock and gravel	NCM	
S332	6	A	20	Brown (10YR 5/3)	Silt (Very Compact)	20% Rock & Gravel	NCM	Rock & Gravel Compaction Impasse
S332	7	A	23	Brown (10YR 5/3)	Silt (Very Compact)	5% Shale 30% Pea Gravel	NCM	No Comments
S332	7	B	33	Brownish Yellow (10YR 6/8)	Silt (Very Compact)	20% Rock & Gravel	NCM	BOE
S332	9	A	15	10yr 3/1 (very dark gray)	Silt loam	1% rock and gravel	NCM	Rock impasse
S332	9	A	24	10YR 4/3 Brown	Compact Silty Clay Loam	30% rock and gravel	NCM	Rock Impasse
S332	10	A	29	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	
S332	10	B	37	10YR 6/3 Pale Brown	Silty clay	20 % rocks	NCM	Rock Impasse
S332	11	A	16	10yr 4/3 (brown)	Silt loam	20% rock and gravel	NCM	
S332	11	A	12	10YR 4/3 Brown	Compact Silty Clay Loam	20% rock	NCM	Rock Impasse
S332	11	B	35	10yr 6/6 (brownish yellow)	Silt loam	20% rock and gravel	NCM	Rock impasse
S332	12	A	20	10yr 4/3 (brown)	Silty Clay Loam	20% rock and gravel	NCM	
S332	12	B	31	10yr 5/6 (yellowish brown)	Silty Clay	20% rock and gravel	NCM	
S333	5	A	25	10YR 4/2 Dark Grayish Brown	Silt loam	5-10%	NCM	
S333	5	B	43	10YR 4/4 Dark Yellowish Brown	Silt loam		NCM	
S333	5	C	59	2.5Y 5/3 light Olive Brown	silt		NCM	
S333	6							No Dig; Blackberry Thicket
S333	7	A	24	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S333	7	B	34	10YR 7/2 Light Gray	Silt		NCM	
S333	7	C	51	10YR 4/6 Dark Yellowish Brown	Silt		NCM	
S333	7	D	63	10YR 6/6 Brownish Yellow	Silt		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S333	8	A	15	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S333	8	B	26	10YR 5/6 Yellowish Brown	Silt		NCM	
S333	8	C	38	10YR 5/3 Brown	Silt		NCM	BOE
S333	9	A	20	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S333	9	B	24	10YR 5/6 Yellowish Brown	Silt		NCM	
S333	9	C	40	10YR 5/3 Brown	Silt		NCM	BOE
S333	10	A	33	10YR 4/2 Dark Grayish Brown	Silt loam	5-10%	NCM	
S333	10	B	48	10YR 4/4 Dark Yellowish Brown	Silt loam		NCM	
S333	10	C	58	2.5Y 5/3 light Olive Brown	silt		NCM	
S333	11	A	16	10YR 4/3 Brown	Silt loam		NCM	
S333	11	B	35	10YR 6/6 Brownish Yellow	Silt loam		NCM	
S335	6	A	17	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM	
S335	6	B	31	10YR 5/2 Greyish Brown	Silty Clay loam		NCM	FeO2
S335	7	A	40	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S335	7	B	55	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	BOE
S335	9	A	20	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S335	9	B	32	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE
S336	3	A	18	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM	
S336	3	B	37	10YR 5/2 Greyish Brown	Silty Clay Sand	5% Rocks and Gravel	NCM	
S336	4	A	27	10YR 3/3 Dark Brown	Silt loam		NCM	
S336	4	B	39	10YR 5/3 Brown	Silty Clay		NCM	BOE
S336	5	A	25	10YR 5/3 Brown	Silt loam	15% rocks and gravel	NCM	Rock Impasse
S336	7	A	20	10YR 3/3 Dark Brown	Silt loam		NCM	
S336	7	B	33	10YR 4/4 Dark Yellowish Brown	Silty Clay		NCM	BOE
S336	8	A	27	Very Dark Grayish Brown (10YR 3/2)	Sandy Loam	<2% Rock & Gravel	NCM	No Comments
S336	8	B	40	Yellowish Brown (10YR 5/6)	Clay Sand	<1% Rock & Gravel	NCM	BOE
S336	9	A	43	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM	
S336	9	B	57	10YR 4/3 Brown	Silty Clay	5% Rocks and Gravel	NCM	
S336	10	A	15	10YR 3/2 Very Dark Greyish Brown	Silt loam	5% Rocks and Gravel	NCM	Root Impasse
S336	11	A	41	10YR 3/2 Very Dark Greyish Brown	Silt loam	5% Rocks and Gravel	NCM	
S336	11	B	55	10YR 4/3 Brown	Silty Clay		NCM	
S336	13	A	17	Very Dark Grayish Brown (10YR 3/2)	Sandy Loam	<2% Rock & Gravel	NCM	Root Impasse
S336	18	A	24	10YR 5/3 Brown	Silt loam	25% rocks and gravel	NCM	Rock Impasse
S337	4	A	30	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S337	4	B	43	10YR 4/6 Dark Yellow Brown	Silty clay		NCM	BOE
S337	5	A	29	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	discard brick, glass
S337	5	B	39	2.5Y 4/4 Olive Brown	sand		NCM	BOE
S337	6	A	24	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S337	6	B	39	10YR 4/6 Dark Yellow Brown	Sandy loam		NCM	BOE
S337	7	A	28	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S337	7	B	43	10YR 4/6 Dark Yellow Brown	Sandy loam		NCM	BOE
S337	9	A	26	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S337	9	B	40	2.5Y 4/4 Olive Brown	Sandy loam		NCM	BOE
S337	10	A	24	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S337	10	B	39	10YR 4/6 Dark Yellow Brown	Silty clay		NCM	BOE
S337	11	A	29	10YR 2/1 Black	Silt loam		NCM	
S337	11	B	42	2.5Y 4/4 Olive Brown			NCM	BOE
S337	12	A	27	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S337	12	B	39	10YR 4/6 Dark Yellow Brown	Sandy loam		NCM	BOE
S337	13	A	34	10YR 4/2 Dark Grayish Brown Feo2	Silt loam		NCM	
S337	13	B	44	10YR 4/6 Dark Yellow Brown	Sandy loam		NCM	BOE
S337	14	A	34	10YR 4/2 Dark Grayish Brown Feo2	Silt loam		NCM	
S337	14	B	44	10YR 4/6 Dark Yellow Brown	Silty clay		NCM	BOE
S337	J-1	A	33	10YR 3/2 Very Dark Grayish Brown	Silt loam		NCM	
S337	J-1	B	48	10YR 5/3 Brown	Sandy Silt		NCM	BOE
S338	6	A	26	10YR 3/1 Very Dark Grey	Silt loam		NCM	
S338	6	B	36	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	
S338	7	A	23	Very Dark Grayish Brown (10YR 3/2)	Sandy Loam	<1% Rock & Gravel	NCM	No Comments
S338	7	B	37	Yellowish Brown (10YR 5/6)	Clay Sand	No Rock/Gravel	NCM	No Comments
S338	7	C	47	Pale Brown (10YR 6/3)	Very Fine Sand	No Rock/Gravel	NCM	BOE
S338	8	A	30	Very Dark Grayish Brown (10YR 3/2)	Sandy Loam	<1% Rock & Gravel	NCM	No Comments
S338	8	B	34	Yellowish Brown (10YR 5/6)	Clay Sand	No Rock/Gravel	NCM	No Comments
S338	8	C	48	Pale Brown (10YR 6/3)	Very Fine Sand	No Rock/Gravel	NCM	BOE
S340	5	A	22	10yr 4/2 (dark grayish brown)	Sandy Loam	35% rock and gravel	NCM	Rock impasse
S340	6	A	30	10yr 4/2 (dark grayish brown)	Silt loam	10% rock and gravel	NCM	
S340	6	B	48	10yr 5/6 (yellowish brown)	Silty Clay	15% rock and gravel	NCM	
S340	7	A	35	10yr 3/1 (very dark gray)	Silty Clay Loam	2% rock	NCM	
S340	7	B	50	2.5y 4/2 (Dark Grayish Brown)	Coarse Sand	5% rock	NCM	Saturated, pooling water
S345	5	A	30	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S345	5	B	41	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	6	A	34	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	6	B	47	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	7	A	40	10yr 4/2 (dark grayish brown)	Silt loam	20% rock and gravel	NCM	
S345	7	B	50	7.5yr 5/6 (strong brown)	Silt	30% rock and gravel	NCM	
S345	8	A	38	10yr 4/2 (dark grayish brown) with 10yr 2/1 (black) staining	Silt loam	20% gravel	NCM	
S345	8	B	50	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	9	A	26	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	9	B	38	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	10	A	37	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	10	B	50	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	11	A	10	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	Fire ant impasse
S345	12	A	28	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	12	B	36	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	
S345	13	A	8	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	Fire ant impasse
S345	14	A	33	10yr 4/2 (dark grayish brown)	Silt loam	20% rock	NCM	
S345	14	B	49	7.5yr 5/6 (strong brown)	Silt	30% rock	NCM	
S345	15	A	26	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	15	B	37	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	Rock impasse
S345	16	A	32	10yr 4/2 (dark grayish brown)	Silt loam	20% rock	NCM	
S345	16	B	47	7.5yr 5/6 (strong brown)	Silt	30% rock	NCM	
S345	17	A	24	10yr 4/2 (dark grayish brown)	Silt loam	35% rock	NCM	Rock impasse
S345	18	A	23	10yr 4/2 (dark grayish brown)	Silt loam	20% gravel	NCM	
S345	18	B	26	7.5yr 5/6 (strong brown)	Silt	30% gravel	NCM	Rock impasse
S345	19	A	27	10yr 4/2 (dark grayish brown)	Silt loam	20% rock	NCM	
S345	19	B	32	7.5yr 5/6 (strong brown)	Silt	30% rock	NCM	Rock impasse
S345	20	A	25	10yr 4/2 (dark grayish brown)	Silt loam	35% rock	NCM	Rock impasse
S345	21	A	24	10yr 4/2 (dark grayish brown)	Silt loam	20% rock	NCM	
S345	21	B	31	7.5yr 5/6 (strong brown)	Silt	30% rock	NCM	Rock impasse
S345	22	A	11	10yr 4/2 (dark grayish brown)	Silt loam	45% rock and gravel	NCM	Rock impasse
S345	23	A	18	10yr 4/2 (dark grayish brown)	Silt loam	35% rock and gravel	NCM	Rock impasse
S348	4	A	7	10YR 5/2 Gray Brown	Silt loam	40% rocks	NCM	Bedrock Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S348	5	A	6	10YR 5/2 Gray Brown	Silt loam	40% rocks	NCM	Bedrock Impasse
S348	6	A	6	10YR 5/2 Gray Brown	Silt loam	40% rocks	NCM	Bedrock Impasse
S348	7	A	4	10YR 5/2 Gray Brown	Silt loam	40% rocks	NCM	Bedrock Impasse
S348	8	A	5	10YR 5/2 Gray Brown	Silt loam	40% rocks	NCM	Bedrock Impasse
S349	5	A	6	10YR 4/3 Brown	Silt loam	20% gravel	NCM	rock Impasse
S349	6	A	23	Brown (10YR 5/3)	Silt loam	35:40% Rock & Gravel	NCM	Rock Impasse
S349	8	A	29	Very Dark Grayish Brown (10YR 3/2)	Loam	25% Rock & Gravel	NCM	Some roots
S349	8	B	43	Grayish Brown (10YR 5/2)	Silty clay	30% Shale Gravel	NCM	BOE
S349	10	A	18	10YR 3/2 Very Dark Grayish Brown	Silt loam	25% gravel	NCM	rock Impasse
S349	12	A	32	Brown (10YR 5/3)	Silt loam	20% Rock & Gravel	NCM	Rock Impasse
S349	13	A	23	Very Dark Grayish Brown (10YR 3/2)	Silt loam	25% Rock & Gravel	NCM	Some roots
S349	13	B	42	Grayish Brown (10YR 5/2)	Silty clay	25% Shale Gravel	NCM	BOE
S349	15	A	21	10YR 3/2 Very Dark Grayish Brown	Silt loam	30% rock + gravel	NCM	rock Impasse
S350	5	A	8	10yr 4/3 (brown)	Silt loam	50% gravel	NCM	Gravel fill impasse
S350	6	A	35	10yr 4/3 (brown)	Silt	30% rock and gravel	NCM	
S350	6	B	50	10yr 5/3 (brown)	Silt loam	20% rock and gravel	NCM	
S350	6	C	60	10yr 7/4 (very pale brown)	Silty clay	30% pea gravel	NCM	
S350	7	A	32	10yr 4/3 (brown)	Silt	25% rock and gravel	NCM	
S350	7	B	46	10yr 5/3 (brown)	Silt loam	20% rock and gravel	NCM	
S350	8	A	18	10yr 4/3 (brown)	Silt	30% rock and gravel	NCM	
S350	8	B	30	10yr 5/3 (brown)	Silt loam	40% rock and gravel	NCM	
S350	9	A	28	7.5yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM	
S350	9	B	44	7.5yr 4/6 (strong brown)	Silt	35% rock and gravel	NCM	
S350	10	A	21	10yr 4/3 (brown)	Silt	30% rock and gravel	NCM	
S350	10	B	32	10yr 5/3 (brown)	Silt loam	20% rock and gravel	NCM	
S350	11	A	18	7.5yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM	
S350	11	B	30	7.5yr 4/6 (strong brown)	Silt	35% rock and gravel	NCM	
S350	12	A	35	10yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM	
S350	12	B	49	7.5yr 4/6 (strong brown)	Sandy Silt	30% rock	NCM	
S355	1	A	27	10YR 4/3 Brown	Silt loam	20% Rock	NCM	Boulder Impasse
S355	2	A	15	10YR 4/3 Brown	Silt loam	20% Rock	NCM	Compact Gravel Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S355	3	A	12	10YR 4/3 Brown	Silt loam	20% Rock	NCM	Root and Gravel Impasse
S357	5	A	36	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	5	B	46	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2
S357	6	A	35	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	6	B	45	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2, Rock Impasse
S357	7	A	20	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	7	B	35	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2
S357	8	A	23	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	8	B	37	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2
S357	9	A	24	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	9	B	36	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2
S357	10	A	20	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	10% R+G	NCM	
S357	10	B	35	10YR 6/2 Light Brown Gray	Silty Clay	10% R+G	NCM	FeO2, Rock Impasse
S357	11	A	53	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	25% R+G	NCM	
S357	11	B	63	10YR 6/2 Light Brown Gray	Silty Clay	25% R+G	NCM	FeO2
S359	1	A	11	5YR 3/4 Dark Reddish Brown	Silt loam	20-30% rock	NCM	Root + Rock Impasse
S362	5	A	17	10yr 3/3 (dark brown)	Silt loam	40% rock	NCM	Rock impasse
S362	6	A	28	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S362	6	B	36	10YR 4/3 Brown	Silty clay	10% rocks	NCM	Rock Impasse
S362	7	A	19	Grayish Brown (10YR 5/2)	Silty clay loam	<10% Rock & Gravel	NCM	No Comments
S362	7	B	34	Light Gray (10YR 7/2)	Silty Clay FeO2	<2% Rock & Gravel	NCM	BOE
S362	8	A	20	10yr 3/3 (dark brown)	Silt loam	40% rock	NCM	Rock impasse
S362	9	A	16	10yr 3/3 (dark brown)	Silt loam	15% rock	NCM	
S362	9	B	28	10yr 5/4 (yellowish brown)	Sandy Clay		NCM	FeO2
S362	10	A	22	Very Dark Grayish Brown (10YR 3/2)	Silty clay loam	2% Rock & Gravel	NCM	No Comments
S362	10	B	32	Grayish Brown (10YR 5/2)	Clay Sand FeO2	1% Rock & Gravel	NCM	BOE
S362	11	A	14	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	Rock Impasse
S362	12	A	19	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam			
S362	12	B	27	10YR 4/3 Brown	Silty clay	10% rocks	NCM	Rock Impasse
S362	13	A	29	Grayish Brown (10YR 5/2)	Silty clay loam	<10% Rock & Gravel	NCM	No Comments
S362	13	B	39	Light Gray (10YR 7/2)	Silty Clay FeO2	<2% Rock & Gravel	NCM	BOE
S362	14	A	18	Very Dark Grayish Brown (10YR 3/2)	Silty clay loam	2% Rock & Gravel	NCM	No Comments

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S362	14	B	28	Grayish Brown (10YR 5/2)	Clay Sand FeO2	1% Rock & Gravel	NCM	BOE (water inaudation after stp completion)
S362	15	A	16	Very Dark Grayish Brown (10YR 3/2)	Silty clay loam	2% Rock & Gravel	NCM	No Comments
S362	15	B	27	Grayish Brown (10YR 5/2)	Clay Sand FeO2	1% Rock & Gravel	NCM	BOE
S362	16	A	19	10yr 3/3 (dark brown)	Silt loam	20% rock	NCM	
S362	16	B	30	10yr 5/4 (yellowish brown)	Sandy Clay		NCM	FeO2
S365	4	A	24	10yr 4/2 (dark grayish brown)	Silty Clay Loam	10-15% rock	NCM	
S365	4	B	34	10yr 5/3 (brown)	Silty Clay	5-10% rock	NCM	FeO2
S365	9	A	17	10yr 4/2 (dark grayish brown)	Silty Clay Loam	10-15% rock	NCM	
S365	9	B	19	10yr 5/3 (brown)	Silty Clay	5-10% rock	NCM	Rock impasse
S365	5	A	16	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM	
S365	5	B	33	10YR 5/2 Grayish Brown	Silty Clay Loam	10% rocks and gravel	NCM	BOE; Rocks at Bottom
S365	6	A	36	Dark Gray (10YR 4/1)	Silty clay loam (some FeO2)	<1% Rock & Gravel	NCM	No Comments
S365	6	B	46	Gray (10YR 6/1)	Silty Clay Heavy FeO2	No Rock/Gravel	NCM	BOE
S365	7	A	6	10yr 4/3 (brown)	Silty Clay Loam		NCM	
S365	7	B	20	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2
S365	8	A	16	10yr 3/3 (dark brown)	Silty Clay Loam		NCM	
S365	8	B	26	10yr 5/1 (gray)	Silty Clay		NCM	FeO2
S366	4	A	15	10yr 4/3 (brown)	Silt loam		NCM	Rock impasse
S366	6	A	24	Brown (10YR 5/3)	Silt	35:40% Rock & Gravel	NCM	Rock & Gravel Compaction Impasse
S366	7	A	16	10yr 4/3 (brown)	Silt loam	40% rock and gravel	NCM	Rock and gravel impasse
S366	10	A	27	Brown (10YR 5/3)	Silt	35:40% Rock & Gravel	NCM	Rock & Gravel Compaction Impasse
S366	11	A	12	10yr 4/3 (brown)	Sandy Loam		NCM	Rock and gravel impasse
S366	12	A	15	10yr 4/3 (brown)	Silt loam	30% rock	NCM	Rock impasse
S366	13	A	15	Brown (10YR 5/3)	Silt	35:40% Rock & Gravel	NCM	Rock & Gravel Compaction Impasse
S366	14	A	27	10yr 4/2 (dark grayish brown)	Silt loam	30% rock	NCM	Rock impasse
S366	15	A	28	10yr 4/2 (dark grayish brown)	Silt loam	30% rock	NCM	Rock impasse
S366	16	A	26	10yr 4/3 (brown)	Silt loam		NCM	
S366	16	B	38	10yr 4/1 (dark gray)	Clay Loam		NCM	FeO2
S366	17	A	14	10yr 4/3 (brown)	Sandy Loam		NCM	Rock and gravel impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S366	19	A	17	Brown (10YR 5/3)	Silt	<5% Rock & Gravel	NCM	No Comments
S366	19	B	28	Dark Gray (10YR 4/1)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE
S366	20	A	20	10yr 3/2 (very dark grayish brown)	Silt loam	10% rock	NCM	
S366	20	B	28	10yr 4/1 (dark gray) mottled with 2.5y 5/3 (light olive brown)	Silty Clay	20% rock	NCM	FeO2; rock impasse
S366	21	A	9	10yr 4/3 (brown)	Sandy Loam		NCM	Rock and gravel impasse
S366	22	A	14	10yr 4/3 (brown)	Silt loam		NCM	Rock impasse
S366	23	A	20	Brown (10YR 5/3)	Silt	<5% Rock & Gravel	NCM	No Comments
S366	23	B	30	Dark Gray (10YR 4/1)	Silty Clay FeO2	<1% Rock & Gravel	NCM	BOE
S367	1	A	28	10YR 4/2 Dark Greyish Brown	Silt loam	35-40% Rocks and Gravel	NCM	Rock and Gravel Compaction Impasse
S367	2	A	10	10YR 2/2 Very Dark Brown	Silt loam	40% Rocks and Gravel	NCM	Rock and Gravel Compaction Impasse
S367	3	A	5	10YR 4/2 Dark Greyish Brown	Silt loam	35-40% Rocks and Gravel	NCM	Rock and Gravel Compaction Impasse
S367	7	A	17	10YR 4/2 Dark Grayish Brown	Silt loam	20% rocks and gravel	NCM	Bedrock Impasse
S369	5	A	11	10yr 2/2 (very dark brown)	Loam	40% rock	NCM	Rock impasse
S369	6	A	10	10yr 2/2 (very dark brown)	Loam	40% rock	NCM	Rock impasse
S369	7	A	5	10yr 2/2 (very dark brown)	Loam	40% rock	NCM	Rock impasse
S370	4	A	4	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Bedrock Impasse
S370	5	A	18	10YR 2/2 Very Dark Brown	Loam	40% rocks	NCM	Rock Impasse
S370	6							No Dig; Surface Rock
S370	7	A	12	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Bedrock Impasse
S370	8	A	22	10YR 2/2 Very Dark Brown	Loam	30% rocks	NCM	
S370	8	B	35	10YR 5/4 Yellowish Brown	Silt	40% rocks	NCM	BOE
S370	9	A	4	10YR 2/2 Very Dark Brown	Loam	60% rocks	NCM	Rock Impasse
S371	5	A	8	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Boulder Impasse
S371	6	A	5	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Bedrock Impasse
S371	7	A	10	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Bedrock Impasse
S371	8	A	8	10YR 2/2 Very Dark Brown	Loam	70% rocks	NCM	Boulder Impasse
S372	1							Exposed Bedrock, No Dig

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S372	2							Exposed Bedrock, No Dig
S372	3							Exposed Bedrock, No Dig
S372	4	A	10	10YR 2/2 Very Dark Brown	Loam		NCM	Exposed Bedrock Impasse
S372	5							Exposed Bedrock, No Dig
S372	6							Exposed Bedrock, No Dig
S376	6	A	4	10YR 2/2 Very Dark Brown	Silt loam	90% rocks	NCM	Rock Impasse
S378	4	A	18	10YR 4/2 Dark Grayish Brown	Silty Clay	1% Gravel	NCM	Cornfield, Compact Soil
S378	4	B	29	10YR 5/6 Yellow Brown	Clay	1% Gravel	NCM	Cornfield, Compact Soil
S378	5	A	24	10YR 2/2 Very Dark Brown	Clay Loam		NCM	
S378	5	B	30	10YR 5/2 Grayish Brown	Silty Clay		NCM	
S378	5	C	40	10YR 5/2 Grayish Brown	Sand		NCM	BOE
S378	6	A	15	10YR 4/3 Brown	Silty Clay Loam		NCM	
S378	6	B	27	10YR 4/1 Gray	Clay		NCM	BOE; FeO2
S378	7	A	12	10YR 3/2 Very Dark Greyish Brown	Silty Clay Loam	2-5% Pebbles	NCM	
S378	7	B	25	10YR 5/2 Grey Brown	Silty Clay		NCM	Oxidation
S378	8	A	16	10YR 4/2 Dark Greyish Brown	Silty Clay		NCM	
S378	8	B	26	10YR 6/1 Grey	Clay		NCM	
S378	9	A	18	10YR 3/1 Very Dark Gray	Silty Clay	<1% rock and gravel	NCM	
S378	9	B	30	10YR 2/1 Black	Silty clay		NCM	
S378	9	C	40	2.5Y 6/2 Light Brownish Gray	Clay		NCM	BOE; FeO2; Hydric
S378	10	A	11	10YR 5/2 Grayish Brown	Silty clay	<2% rock and gravel	NCM	
S378	10	B	21	10YR 4/1 Dark Gray	Clay (Very Compact)	<1% rock and gravel	NCM	BOE
S379	5	A	18	10YR 5/3 Brown	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil
S379	5	B	30	10YR 5/6 Yellow Brown	Silty Clay Loam	15% Gravel	NCM	Cornfield, Compact Soil
S379	8	A	17	10YR 4/3 Brown	Silty Clay Loam		NCM	
S379	8	B	28	10YR 4/1 Gray	Clay		NCM	BOE; FeO2
S379	10	A	11	10YR 5/3 Brown	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil
S379	10	B	24	10YR 5/6 Yellow Brown	Silty Clay Loam	10% Gravel	NCM	Cornfield, Compact Soil
S379	11	A	27	10YR 4/3 Brown	Silty Clay Loam	20% rocks	NCM	Rock Impasse
S379	12	A	4	10YR 5/3 Brown	Silt loam	<3% rock and gravel	NCM	
S379	12	B	16	10YR 7/2 Light Gray	Clay	<1% rock and gravel	NCM	BOE; FeO2
S379	14	A	12	10YR 5/3 Brown	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S379	14	B	24	10YR 5/6 Yellow Brown	Silty Clay Loam	15% Gravel	NCM	Cornfield, Compact Soil
S379	15	A	12	10YR 3/2 Very Dark Grayish Brown	Clay Loam	15% rocks	NCM	
S379	15	B	23	10YR 5/2 Grayish Brown	Silty Clay	15% rocks	NCM	BOE; FeO2
S380	4	A	16	10YR 4/3 Brown	Silt loam		NCM	
S380	4	B	26	10YR 6/1 Grey	Sandy Silt		NCM	Oxidation
S380	5	A	30	10YR 4/2 Dark Grayish Brown	Silt loam	15-20% pebbles	NCM	
S380	5	B	40	10YR 5/4 Yellowish Brown	Silt	15-20% pebles	NCM	BOE
S380	6	A	10	10YR 4/3 Brown	Silty Clay		NCM	
S380	6	B	15	10YR 5/3 Brown	Silt	10% rocks	NCM	BOE
S380	7	A	21	10YR 5/3 Brown	Silty Clay Loam	10% Gravel	NCM	
S380	7	B	32	10YR 5/1 Gray	Silty Clay	15% rocks	NCM	FeO2
S380	8	A	12	10YR 3/4 Dark Yellow Brown	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil
S380	8	B	29	10YR 6/6 Brownish Yellow	Silty Clay	5% Gravel	NCM	Cornfield, Compact Soil
S380	10	A	34	10YR 4/3 Brown	Silt loam	3% rock and gravel	NCM	
S380	10	B	44	10YR 5/1 Gray	Clay	5% shale	NCM	BOE; FeO2
S380	11	A	23	10YR 3/3 Dark Brown	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil
S380	11	B	34	10YR 5/4 Brownish Yellow	Silt loam	5% Gravel	NCM	Cornfield, Compact Soil
S380	12	A	19	10YR 5/3 Brown	Silt loam	2% Rock and Gravel	NCM	Primarily Shale
S380	12	B	30	10YR 5/1 Grey	Silty clay	1% Rock and Gravel	NCM	Some Oxidation
S380	13	A	32	10YR 4/3 Brown	Silt loam	20% Rock+Gravel	NCM	Cornfield, Compact Soil, Compact Gravel Impasse
S380	14	A	21	10YR 4/3 Brown	Silt loam	20% Rock+Gravel	NCM	Cornfield, Compact Soil, Rock Impasse
S380	15	A	8	10YR 4/3 Brown	Silt loam	20% Rock+Gravel	NCM	Cornfield, Compact Soil
S380	15	B	20	10YR 5/3 Brown	Silty Clay	10% Gravel	NCM	Cornfield, Compact Soil
S380	16	A	23	10YR 4/2 Dark Grayish Brown	Silt loam	15-20% pebbles	NCM	
S380	16	B	35	10YR 5/3 Brown	Sandy Silt	15-20% pebbles	NCM	BOE
S380	17	A	31	10YR 5/3 Brown	Silt loam	2% Rock and Gravel	NCM	Primarily Shale
S380	17	B	41	10YR 5/1 Grey	Silty clay	1% Rock and Gravel	NCM	Some Oxidation
S380	18	A	21	10YR 4/3 Brown	Silt loam	10% Gravel	NCM	Cornfield, Compact Soil
S380	18	B	36	10YR 5/3 Brown	Silty Clay	10% Gravel	NCM	Cornfield, Compact Soil
S380	19	A	22	10YR 4/2 Dark Grayish Brown	Silt loam	20-30% rocks	NCM	
S380	19	B	34	10YR 5/4 Yellowish Brown	Silt	15-20% pebles	NCM	
S380	19	C	43	10YR 6/1 Gray	Sandy Silt	5-10% pebbles	NCM	BOE; FeO2
S380	20	A	20	10YR 4/3 Brown	Silt loam	20% Rock+Gravel	NCM	Cornfield, Compact Soil
S380	20	B	30	10YR 5/3 Brown	Silty Clay	10% Gravel	NCM	Cornfield, Compact Soil

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S380	22	A	10	10YR 4/3 Brown	Silty Clay Loam	10% Gravel	NCM	Cornfield, Compact Soil, Rock Impasse
S380	23	A	16	10YR 4/3 Brown	Silty Clay Loam	40% Rocks	NCM	Cornfield, Compact Soil, Rock Impasse
S380	24	A	28	10YR 5/3 Brown	Silt loam	5% Rock and Gravel	NCM	
S380	24	B	36	10YR 5/6 Yellowish Brown	Silt	2% Rock and Gravel	NCM	
S380	24	C	46	2.5Y 6/2 Light Greyish Brown	Silty Clay	5-7% Pea Gravel	NCM	
S381	5	A	16	10YR 4/3 Brown	Silt loam		NCM	
S381	5	B	26	10YR 6/1 Grey	Silty clay Loam		NCM	
S381	6	A	10	10YR 4/3 Brown	Silt loam		NCM	
S381	6	B	22	10YR 5/3 Brown	Silt		NCM	
S381	7	A	19	10YR 4/3 Brown	Silt loam	5% Rocks	NCM	
S381	7	B	30	10YR 5/3 Brown	Silty Clay Loam	5% Rocks	NCM	
S381	8	A	15	10YR 4/3 Brown	Silt loam	5% Rocks	NCM	
S381	8	B	27	10YR 5/3 Brown	Silty Clay Loam	5% Rocks	NCM	
S381	9	A	31	10YR 5/3 Brown	Silt loam		NCM	
S381	9	B	42	10YR 4/1 Dark Grey	Silty clay		NCM	Oxidation
S381	10	A	26	10YR 4/2 Dark Greyish Brown	Silt loam	20-30% Pebbles and Cobbles	NCM	
S381	10	B	32	10YR 5/2 Grey Brown	Silty clay	20-30% Pebbles and Cobbles	NCM	Rock Impasse
S381	11	A	16	10YR 5/3 Brown	Silt loam		NCM	
S381	11	B	26	10YR 4/1 Dark Grey	Silty clay		NCM	Oxidation
S381	12	A	9	10YR 4/3 Brown	Silt loam		NCM	
S381	12	B	20	10YR 4/1 Dark Grey	Silty Clay		NCM	Oxidation
S381	13	A	24	10YR 4/3 Brown	Silt loam		NCM	
S381	13	B	35	10YR 4/1 Dark Grey	Silty Clay		NCM	Oxidation
S381	14	A	15	10YR 4/3 Brown	Silt loam	5% Rocks	NCM	
S381	14	B	30	10YR 5/3 Brown	Silty Clay	5% Gravel	NCM	
S381	15	A	30	10YR 4/3 Brown	Silt loam	10% Rocks	NCM	Rock Impasse
S381	16	A	27	10YR 4/2 Dark Grayish Brown	Silt loam	20-30% pebbles	NCM	
S381	16	B	37	10YR 5/2 Gray Brown	Silty Clay	20-30% pebbles	NCM	BOE
S381	17	A	30	10YR 4/3 Brown	Silt loam	15% Rocks	NCM	Rock Impasse
S381	18	A	16	10YR 4/3 Brown	Silt loam		NCM	
S381	18	B	26	10YR 4/1 Dark Grey	Silty Clay		NCM	Discarded 1 amber bottle glass
S381	19	A	22	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	5-10% pebbles	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S381	19	B	33	2.5Y 5/3 Light Olive Brown	Silty clay loam	2-5% pebbles	NCM	BOE
S381	20	A	17	10YR 4/3 Brown	Silt loam		NCM	
S381	20	B	27	10YR 4/1 Dark Grey	Silty Clay		NCM	
S381	21	A	27	10YR 4/3 Brown	Silt loam	20% Rocks	NCM	
S381	21	B	40	10YR 5/3 Brown	Silty Clay	10% Rocks	NCM	
S381	22	A	18	10YR 4/3 Brown	Silt loam	10% Rocks	NCM	Rock Impasse
S382	4	A	22	10YR 4/3 Brown	Silt loam		NCM	
S382	4	B	33	10YR 6/1 Grey	Sandy Silt		NCM	Oxidation
S387	5	A	23	10YR 4/2 Dark Greyish Brown	Silt loam	5% Gravel	NCM	
S387	5	B	36	10YR 5/2 Grey Brown	Silty Clay		NCM	
S387	6	A	20	10YR 4/2 Dark Grayish Brown	Silt loam	3% R+G	NCM	
S387	6	B	34	10YR 5/2 Gray Brown	Silty Clay	1% R+G	NCM	FeO2
S387	7	A	35	10YR 4/2 Dark Grayish Brown	Silt loam	5% pebbles	NCM	
S387	7	B	48	10YR 5/2 Gray Brown	Silty Clay	3% pebbles	NCM	Oxidation
S387	8	A	33	10YR 4/2 Dark Grayish Brown	Silt loam	5% pebbles	NCM	
S387	8	B	47	10YR 4/1 Dark Gray	Silty Clay	15% Rocks	NCM	Oxidation
S387	9	A	28	10YR 4/2 Dark Grayish Brown	Silt loam	5% pebbles	NCM	
S387	9	B	38	10YR 4/1 Dark Gray	Silty Clay	15% Rocks	NCM	Oxidation
S387	10	A	36	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S387	10	B	50	10YR 5/1 Gray	Silty Clay		NCM	Heavy FeO2
S389	1	A	20	10YR 4/6 Dark Yellowish Brown	Silt loam	35-40% Shale and Gravel	NCM	Rock and Gravel Compaction Impasse
S389	2	A	8	10YR 4/6 Dark Yellowish Brown	Silt loam	35-40% Shale and Gravel	NCM	Rock and Gravel Compaction Impasse
S389	3	A	12	10YR 4/6 Dark Yellowish Brown	Silt loam	35-40% Shale and Gravel	NCM	Rock and Gravel Compaction Impasse
S389	4	A	30	10YR 4/6 Dark Yellowish Brown	Silt loam	35-40% Shale and Gravel	NCM	Rock and Gravel Compaction Impasse
S389	5	A	16	10YR 5/2 Grey Brown	Silt loam	20% Rocks, Gravel and Shale	NCM	
S389	5	B	41	10YR 4/6 Dark Yellowish Brown	Silt	30% Shale	NCM	
S391	5	A	40	10YR 3/1 Very Dark Gray	Silt	30% gravel	NCM	
S391	5	B	51	10YR 3/4 Dark Yellowish Brown	Silt	35% rocks and gravel	NCM	BOE
S391	6	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam	30-40% gravel	Discarded: 1 piece of whiteware	Gravel Impasse; On Access Road

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S391	7	A	30	10YR 5/3 Brown	Silt loam	5% rocks	NCM	Rock Impasse
S391	8	A	11	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks and gravel	NCM	Rock Impasse
S391	9	A	23	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks	NCM	Rock Impasse
S391	10	A	20	10YR 4/3 Brown	Sandy Loam	30% gravel	NCM	Gravel Fill Impasse
S391	11	A	33	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	30-40% gravel	NCM	Gravel Impasse
S391	12	A	18	10YR 3/1 Very Dark Gray	Silt loam	40% rocks and gravel	NCM	Rock and Gravel Compaction Impasse
S391	13	A	25	10YR 4/3 Brown	Sandy Loam	30% gravel	NCM	Gravel and Rock Impasse
S391	14	A	19	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks and gravel	NCM	Gravel Impasse
S391	15	A	25	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks and gravel	NCM	Gravel Impasse
S391	16	A	4	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks	NCM	Rock Impasse
S391	17	A	28	10YR 4/3 Brown	Silt loam	5% rocks	NCM	
S391	17	B	41	10YR 5/6 Yellowish Brown	Sandy Loam	10% rocks	NCM	BOE
S391	18	A	27	10YR 4/2 Dark Grayish Brown	Silt loam	25% gravel	NCM	
S391	18	B	42	10YR 5/1 Gray	Medium Coarse Sand	15% gravel	NCM	
S391	18	C	57	7.5YR 4/6 Strong Brown	Very Fine Silt	<5% rocks and gravel	NCM	BOE
S391	19	A	44	10YR 4/2 Dark Grayish Brown	Sandy Loam	20-30% gravel	NCM	Rock Impasse
S391	20	A	25	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks	NCM	
S391	20	B	40	10YR 4/4 Dark Yellow Brown	Sandy Silt	5% rocks	NCM	BOE
S391	21	A	23	10YR 3/2 Very Dark Grayish Brown	Silt loam	20% rocks and gravel	NCM	Gravel Impasse
S391	22	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam	20-30% gravel	NCM	
S391	22	B	40	10YR 5/3 Brown	Find Sandy Silt	10% pebbles	NCM	BOE
S391	23	A	30	10YR 4/3 Brown	Silt loam	5% rocks	NCM	
S391	23	B	45	10YR 5/6 Yellowish Brown	Sandy Loam	5% rocks	NCM	BOE
S391	24	A	28	10YR 4/3 Brown	Silty Clay Loam		NCM	
S391	24	B	40	10YR 4/4 Dark Yellow Brown	Sand		NCM	BOE
S391	1A	A	46	10YR 3/3 Very Dark Brown	Silty Clay Loam	30-40% Rock and Gravel	NCM	Rock and Gravel Impasse
S391	2A	A	33	10YR 3/3 Very Dark Brown	Silty Clay Loam	30-40% Rock and Gravel	NCM	Gravel Impasse
S391	3A	A	22	10YR 4/3 Brown	Silt loam	25% R+G	NCM	Hole Has Fill
S391	3A	B	40	10YR 3/1 Very Dark Gray	Silt loam	25% R+G	NCM	Hole Has Fill

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S391	4A	A	44	10YR 3/3 Very Dark Brown	Silty Clay Loam	30-40% Rock and Gravel	NCM	
S391	4A	B	70	10YR 4/4 Dark Yellowish Brown	Sand		NCM	
S391	5A	A	60	10YR 3/3 Very Dark Brown	Silty Clay Loam	30-40% Rock and Gravel	NCM	
S391	5A	B	73	10YR 4/4 Dark Yellowish Brown	Sand		NCM	
S391	6A	A	31	10YR 4/2 Dark Grayish Brown	Silt loam	10% R+G	NCM	Hole Has Fill
S391	6A	B	61	10YR 6/4 Light Yellowish Brown	Silt loam	10% R+G	NCM	Hole Has Fill
S392	1	A	22	10YR 4/3 Brown	Silt loam	20% gravel	NCM	Rocks on Surface
S392	1	B	43	10YR 4/2 Dark Grayish Brown	Silt loam	10% gravel	NCM	BOE
S392	2	A	25	10YR 4/3 Brown	Sandy Loam	20% rocks	NCM	Rock Fill Impasse
S392	3	A	21	10YR 4/3 Brown	Sandy Loam	20% rock and gravel	NCM	Gravel Impasse; Landscaping Fabric at 10cm
S392	4	A	20	10YR 4/2 Dark Grayish Brown	Sandy Loam	30-40% gravel	NCM	Gravel Compaction Impasse; Looks distured
S392	5	A	13	10YR 4/2 Dark Grayish Brown	Silt loam	20% rocks	NCM	Rock Impasse
S392	6	A	33	10YR 4/2 Dark Grayish Brown	Sandy Loam	shale gravel	NCM	
S392	6	B	35	10YR 4/6 Dark Yellow Brown	Sand	40% rocks	NCM	
S392	7	A	26	10YR 4/3 Brown	Silt loam	40% gravel	NCM	Rock Impasse
S392	8	A	8	10YR 4/3 Brown	Sandy Loam	50% rocks and gravel	NCM	Gravel Impasse; Degraded Bedrock
S392	9	A	22	10YR 4/3 Brown	Sandy Loam	30% rock and gravel	NCM	Gravel Impasse
S392	10	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam	30-40% gravel	NCM	Gravel Compaction Impasse; Looks distured
S392	11	B	17	10YR 4/2 Dark Grayish Brown	Silt loam	20% rocks	NCM	Rock Impasse
S392	12	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam	shale gravel	NCM	
S392	13	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam	30-40% gravel	NCM	Gravel Compaction Impasse; Looks distured
S392	14	A	24	10YR 4/3 Brown	Silt loam	20% gravel	Fragment of Ceramic Insulater	Rock Impasse
S393	4	A	26	10YR 3/1 Very Dark Gray	Sandy Loam	no rocks	NCM	Damp, In TL ROW around structure 393, Possibly seasonal wetland but not deliniated

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S393	4	B	36	10YR 6/3 Pale Brown	Sand	no rocks	NCM	Very Damp, FeO2, In TL ROW around structure 393, Possibly seasonal wetland but not deliniated
S393	5	A	31	10YR 2/2 Very Dark Brown	Silty Clay	1% Gravel	NCM	
S393	5	B	43	10YR 5/2 Gray Brown	Silty Clay	1% Gravel	NCM	Water Impasse
S393	6	A	28	10YR 2/1 Black	Silt loam	no rocks	NCM	
S393	6	B	39	2.5Y 4/1 Dark Gray	Sand	no rocks	NCM	Oxidation
S393	7	A	20	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S393	7	B	34	10YR 4/1 Dark Gray	Sand		NCM	FeO2
S393	8	A	17	10YR 2/1 Black	Silt loam		NCM	
S393	8	B	51	10YR 4/1 Dark Gray	Sand		NCM	FeO2, Mottled with 10YR 5/6 Yellowish Brown and 10YR 6/1 Gray
S393	9	A	13	10YR 2/2 Very Dark Brown	Silt loam		NCM	
S393	9	B	22	10YR 4/3 Brown	Silt loam		NCM	
S393	9	C	36	10YR 4/3 Brown	Sand		NCM	FeO2
S393	10	A	13	10YR 2/2 Very Dark Brown	Sandy Loam	no rocks	NCM	
S393	10	B	22	10YR 3/3 Dark Brown	Loamy Sand	no rocks	NCM	
S393	10	C	33	10YR 5/3 Brown	Sand	no rocks	NCM	Oxidation
S394	5	A	23	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S394	5	B	45	2.5YR 5/2 Gray Brown	Fine Silty Sand	no rocks	NCM	Oxidation
S394	6	A	28	10YR 4/2 Dark Grayish Brown	Silt loam	1% R+G	NCM	
S394	6	B	42	10YR 5/4 Brownish Yellow	Silty Clay	5% R+G	NCM	
S394	7	A	9	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	Rock Impasse
S394	8	A	28	10YR 4/3 Brown	Sandy Loam		NCM	
S394	8	B	38	10YR 5/3 Brown	Sand		NCM	
S394	9	A	25	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S394	9	B	35	10YR 6/3 Pale Brown	Sandy Silt		NCM	FeO2
S394	10	A	21	2.5YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	In Transmission Line, Right of way, 3-5 ft. high undergrowth and shrubs
S394	10	B	40	2.5YR 6/4 Light Yellowish Brown	Silt	no rocks	NCM	In Transmission Line, Right of way, 3-5 ft. high undergrowth and shrubs
S394	10	C	58	2.5YR 6/1 Gray	Silty clay	no rocks	NCM	In Transmission Line, Right of way, 3-5 ft. high undergrowth and shrubs
S394	11	A	21	10YR 4/3 Brown	Silt loam		NCM	
S394	11	B	31	10YR 6/3 Pale Brown	Silty Clay		NCM	FeO2
S394	12	A	29	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM	
S394	12	B	44	10YR 5/1 Gray	Silty Clay		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S394	13	A	21	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM	
S394	13	B	34	10YR 5/6 Yellow Brown	Silty Clay		NCM	
S394	14	A	26	10YR 4/2 Dark Grayish Brown	Silt loam	1% R+G	NCM	
S394	14	B	40	10YR 5/4 Brownish Yellow	Silty Clay	5% R+G	NCM	
S394	15	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
S394	15	B	32	10YR 5/4 Brownish Yellow	Sand		NCM	FeO2
S394	16	A	28	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S394	16	B	48	2.5YR 5/3 Light Olive Brown	Sand	no rocks	NCM	
S394	17	A	21	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S394	17	B	38	2.5YR 5/3 Light Olive Brown	Sand	no rocks	NCM	Oxidation
S395	5	A	26	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S395	5	B	40	10YR 5/2 Gray Brown	Sand		NCM	FeO2
S395	6	A	20	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S395	6	B	23	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM	
S395	6	C	30	10YR 5/2 Gray Brown	Sandy Loam	no rocks	NCM	Oxidation
S395	6	D	41	10YR 3/3 Dark Brown	Sand		NCM	Strong Oxidation
S395	6	E	57	2.5Y 5/3 Light Olive Brown	Sandy Silt		NCM	Strong Oxidation
S395	7	A	35	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S395	7	B	48	10YR 5/1 Gray	Sand		NCM	Mottled with 10YR 4/4 Dark Yellowish Brown and 10YR 2/1 Black
S395	8	A	21	10YR 2/2 Very Dark Brown	Silt loam	1% Gravel	NCM	
S395	8	B	39	10YR 5/4 Brownish Yellow	Silty Clay	1% Gravel	NCM	
S395	9	A	21	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S395	9	B	34	10YR 4/1 Dark Gray	Sand		NCM	
S395	10	A	21	10YR 2/2 Very Dark Brown	Clay Loam		NCM	
S395	10	B	29	10YR 5/1 Gray	Sandy Loam		NCM	
S395	10	C	49	10YR 5/3 Brown	Sand		NCM	
S395	11	A	23	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S395	11	B	40	10YR 4/1 Dark Gray	Sand		NCM	
S395	12	A	18	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM	
S395	12	B	26	10YR 2/1 Black	Silt loam	no rocks	NCM	
S395	12	C	43	10YR 7/1 Light Gray	Sandy Loam	no rocks	NCM	
S395	13	A	19	10YR 2/2 Very Dark Brown	Silt loam	1% Gravel	NCM	
S395	13	B	28	10YR 6/1 Gray	Sandy Clay	1% Gravel	NCM	
S395	13	C	39	10YR 6/6 Brownish Yellow	Clay Loam	1% Gravel	NCM	
S395	14	A	15	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S395	14	B	18	10YR 5/1 Gray	Sand	no rocks	NCM	
S395	14	C	30	2.5Y 5/3 Light Olive Brown	Sandy Loam	no rocks	NCM	Oxidation

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S396	3	A	21	10YR 4/3 Brown	Sandy Loam		NCM	
S396	3	B	31	10YR 5/6 Yellow Brown	Sand		NCM	
S396	4	A	17	10YR 3/1 Very Dark Gray	Silt loam	1% Gravel	NCM	
S396	4	B	42	10YR 4/6 Dark Yellow Brown	Sandy Clay Loam	1% Gravel	NCM	
S396	5	A	11	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S396	5	B	15	10YR 4/1 Dark Gray	Sand		NCM	FeO2
S396	5	C	33	10YR 5/6 Yellow Brown	Sand		NCM	FeO2
S396	6	A	9	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	
S396	6	B	20	2.5Y 4/3 Olive Brown	Sandy Loam	no rocks	NCM	Oxidation
S396	7	B	17	10YR 4/1 Dark Gray	Sand		NCM	No A/topsoil, FeO2
S396	8	A	25	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S396	8	B	35	10YR 5/3 Brown	Silty clay loam		NCM	Oxidation
S396	9	A	26	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	In TL Row around structure S396
S396	9	B	46	10YR 5/8 Yellowish Brown	Silt loam	no rocks	NCM	In TL Row around structure S396
S396	9	C	58	5Y 6/6 Olive Yellow	Sand	no rocks	NCM	In TL Row around structure S396
S396	10	A	28	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S396	10	B	42	10YR 4/4 Dark Yellow Brown	Sand		NCM	
S396	11	A	24	10YR 3/1 Very Dark Gray	Silt loam	1% Gravel	NCM	
S396	11	B	44	7.5YR 5/6 Strong Brown	Sandy Loam	1% Gravel	NCM	
S396	12	A	20	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S396	12	B	38	10YR 5/3 Brown	Sand		NCM	
S396	13	A	28	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	2% pebbles	Discarded 1 clear glass	
S396	13	B	39	2.5Y 4/3 Olive Brown	Sandy Loam	2% pebbles	NCM	Oxidation
S403	5	A	15	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	1% Gravel	NCM	
S403	5	B	50	10YR 5/6 Yellow Brown	Sand	1% Gravel	NCM	
S403	6	A	5	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S403	6	B	13	10YR 3/2 Very Dark Grayish Brown	Sand		NCM	
S403	6	C	20	10YR 4/3 Brown	Sand		NCM	
S403	7							No topsoil, no dig, graded area
S403	8	A	60	2.5Y 4/3 Olive Brown	Sand	5-10% pebbles	NCM	Topsoil Stripped from area
S403	9							No topsoil, no dig, graded area
S403	10							No topsoil, no dig, graded area
S403	11	A					NCM	No A, No topsoil

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S403	11	B	27	10YR 3/6 Dark Yellowish Brown	Sand		NCM	
S403	12	A	5	10YR 4/3 Brown	Sandy Loam		NCM	
S403	12	B	20	10YR 5/3 Brown	Sand		NCM	
S403	14	B	43	10YR 5/6 Yellow Brown	Sand	1% Gravel	NCM	
S403	14	S	33	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	1% Gravel	NCM	
S403	15	A	12	2.5Y 4/3 Olive Brown	Sand	5-10% pebbles	NCM	
S403	15	B	17	10YR 2/2 Very Dark Brown	Sandy Loam	2-5% pebbles	NCM	
S403	15	C	21	10YR 5/1 Gray	Sand	2% pebbles	NCM	
S403	15	D	42	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S403	15	E	52	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S403	16	A	7	10YR 4/4 Dark Yellow Brown	Sandy Loam		NCM	
S403	16	B	15	10YR 3/6 Dark Yellowish Brown	Sand		NCM	
S403	16	C	33	10YR 5/3 Brown	Sand		NCM	
S403	17	B	42	10YR 5/6 Yellow Brown	Sand	1% Gravel	NCM	
S403	17	S	14	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	1% Gravel	NCM	
S403	18	A	6	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S403	18	B	14	10YR 3/2 Very Dark Grayish Brown	Sand		NCM	
S403	18	C	24	10YR 4/3 Brown	Sand		NCM	
S403	19	A	12	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S403	19	B	16	10YR 6/2 Light Brown Gray	Sand		NCM	
S403	19	C	29	10YR 4/3 Brown	Sand		NCM	
S403	20	A	11	10YR 2/2 Very Dark Brown	Sandy Loam	2% pebbles	NCM	
S403	20	B	30	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S403	20	C	40	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S403	21	A	10	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S403	21	B	15	7.5YR 4/6 Strong Brown	Sand		NCM	
S403	21	C	29	10YR 5/3 Brown	Sand		NCM	
S404	J1	A	7	10YR 2/2 Very Dark Brown	Sandy Loam	2% pebbles	NCM	
S404	J1	B	23	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S404	J1	C	38	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S404	J2	A	10	10YR 2/2 Very Dark Brown	Sandy Loam	2% pebbles	NCM	
S404	J2	B	30	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S404	J2	C	40	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S404	j3	A	17	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	1% Gravel	NCM	
S404	j3	B	39	10YR 5/6 Yellow Brown	Sand	1% Gravel	NCM	
S404	J4	A	5	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S404	J4	B	10	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S404	J4	C	21	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S404	J4	D	41	10YR 5/3 Brown	Sand		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S405	1	A	15	10YR 2/2 Very Dark Brown	Sandy Loam	2-5% pebbles	NCM	
S405	1	B	37	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S405	1	C	48	2.5Y 5/4 Light Olive Brown	Sand	5-10% peccles	NCM	
S405	2	A	12	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S405	2	B	30	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S405	3	A	24	10YR 3/2 Very Dark Grayish Brown	Silt loam	1% Gravel	NCM	
S405	3	B	50	10YR 6/6 Brownish Yellow	Silt loam	1% Gravel	NCM	
S405	4	A	10	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S405	4	B	22	10YR 5/6 Yellow Brown	Sand		NCM	
S405	4	C	35	10YR 5/3 Brown	Sand		NCM	
S405	5	A	16	10YR 2/1 Black	Sandy Loam		NCM	
S405	5	B	26	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S405	6	A	8	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S405	6	B	17	10YR 2/1 Black	Sandy Loam		NCM	
S405	6	C	28	10YR 5/3 Brown	Sand		NCM	
S405	7	A	8	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S405	7	B	16	10YR 2/1 Black	Sandy Loam		NCM	
S405	7	C	28	10YR 5/3 Brown	Sand		NCM	
S405	8	A	16	10YR 5/3 Brown	Sandy Loam		NCM	Lines of 10YR 4/6 Dark Yellow Brown throughout, likely disturbed
S405	8	B	22	10YR 2/1 Black	Sandy Loam		NCM	
S405	8	C	32	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S405	9	A	8	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S405	9	B	25	10YR 5/6 Yellow Brown	Sand		NCM	
S405	9	C	38	10YR 5/3 Brown	Sand		NCM	
S405	10	A	20	10YR 3/2 Very Dark Grayish Brown	Silt loam	1% Gravel	NCM	
S405	10	B	45	10YR 6/6 Brownish Yellow	Silt loam	1% Gravel	NCM	
S405	11	A	13	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S405	11	B	34	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S405	12	A	9	10YR 2/1 Black	Sandy Loam	2-5% pebbles	NCM	
S405	12	B	29	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S405	12	C	40	10YR 5/3 Brown	Sand	5-10% pebbles	NCM	
S405	13	A	14	10YR 2/1 Black	Sandy Loam	2-5% pebbles	NCM	
S405	13	B	28	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S405	13	C	42	10YR 5/3 Brown	Sand	5-10% pebbles	NCM	
S405	14	A	16	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S405	14	B	35	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S405	15	A	17	10YR 3/2 Very Dark Grayish Brown	Silt loam	1% Gravel	NCM	
S405	15	B	38	10YR 6/6 Brownish Yellow	Silt loam	1% Gravel	NCM	
S405	16							No Dig
S405	17	A	12	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S405	17	B	20	10YR 2/1 Black	Sandy Loam		NCM	
S405	17	C	43	10YR 5/3 Brown	Sand		NCM	
S405	18	A	15	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S405	18	B	28	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S405	18	C	40	10YR 5/3 Brown	Sand		NCM	
S405	19	A	10	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
S405	19	B	31	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S405	20							No Dig
S405	21							No Dig
S405	22	A	16	10YR 3/2 Very Dark Grayish Brown	Silt loam	1% Gravel	NCM	
S405	22	B	47	10YR 6/6 Brownish Yellow	Silt loam	1% Gravel	NCM	
S405	23	A	11	10YR 2/1 Black	Sandy Loam	2-5% pebbles	NCM	
S405	23	B	21	10YR 5/1 Gray	Sand	2% pebbles	NCM	
S405	23	C	40	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S405	23	D	55	2.5Y 5/4 Light Olive Brown	Sand	5-10% pebbles	NCM	
S405	24							No Dig
S406	1	A	8	10YR 2/2 Very Dark Brown	Sandy Loam	2% pebbles	NCM	
S406	1	B	13	10YR 5/1 Gray	Sand	no rocks	NCM	
S406	1	C	35	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S406	1	D	46	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S406	2	A	10	10YR 4/3 Brown	Sandy Loam		NCM	
S406	2	B	30	10YR 5/6 Yellow Brown	Sand		NCM	
S406	2	C	40	10YR 5/3 Brown	Sand		NCM	
S406	3	A	20	10YR 3/4 Dark Yellow Brown	Sandy Loam		NCM	Mixed with 10YR 4/1 Gray
S406	3	B	30	10YR 4/1 Dark Gray	Sand		NCM	
S406	3	C	43	7.5YR 4/6 Strong Brown	Sand		NCM	
S406	4	A	5	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S406	4	B	11	10YR 5/2 Greyish Brown	Sandy Loam		NCM	
S406	4	C	30	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S406	5	A	6	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S406	5	B	13	10YR 5/1 Gray	Sandy Loam		NCM	
S406	5	C	33	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S406	6	A	9	10YR 3/3 Dark Brown	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S406	6	B	16	10YR 5/1 Gray	Sandy Loam		NCM	
S406	6	C	26	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S406	7	A	23	10YR 3/1 Very Dark Gray	Silt loam	1% Gravel	NCM	
S406	7	B	66	7.5YR 5/6 Strong Brown	Sandy Loam	1% Gravel	NCM	
S406	8	A	5	10YR 4/3 Brown	Sandy Loam		NCM	
S406	8	B	20	10YR 5/6 Yellow Brown	Sand		NCM	
S406	8	C	32	10YR 5/3 Brown	Sand		NCM	
S406	9	A	15	10YR 2/2 Very Dark Brown	Sandy Loam	2-5% pebbles	NCM	
S406	9	B	35	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S406	9	C	52	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S406	10	A	9	10YR 2/2 Very Dark Brown	Sandy Loam	2-5% pebbles	NCM	
S406	10	B	22	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM	
S406	10	C	36	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S406	11	A	8	10YR 4/3 Brown	Sandy Loam		NCM	
S406	11	B	19	10YR 5/6 Yellow Brown	Sand		NCM	
S406	11	C	30	10YR 5/3 Brown	Sand		NCM	
S406	12	A	4	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S406	12	B	7	10YR 5/2 Greyish Brown	Sandy Loam		NCM	
S406	12	C	31	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S406	13	A	10	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S406	13	B	15	10YR 5/1 Gray	Sandy Loam		NCM	
S406	13	C	24	10YR 4/6 Dark Yellow Brown	Sand		NCM	
S406	14	A	6	10YR 2/2 Very Dark Brown	Sandy Loam		NCM	
S406	14	B	12	10YR 5/2 Greyish Brown	Sandy Loam		NCM	
S406	14	C	29	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	
S406	15	A	22	10YR 3/2 Very Dark Grayish Brown	Silt loam	1% Gravel	NCM	
S406	15	B	63	10YR 6/6 Brownish Yellow	Sandy Loam	1% Gravel	NCM	
S408	1	A	7	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S408	1	B	16	10YR 4/6 Dark Yellow Brown	Sand	0-2% pebbles	NCM	
S408	1	C	47	10YR 5/4 Brownish Yellow	Sand	0-2% pebbles	NCM	
S408	2						NCM	slope write off
S408	3	A	5	10YR 5/4 Brownish Yellow	Sandy Loam		NCM	Disturbed
S408	6	A	17	7.5YR 4/4 Brown mixed with 10YR 3/1 Very Dark Grey and 10YR 5/1 Grey	Sandy Loam		NCM	Disturbed
S408	6	B	20	7.5YR 4/4 Brown	Sandy Loam		NCM	
S408	6	C	30	10YR 5/3 Brown	Sand		NCM	
S408	7	A	14	10YR 3/1	Silty Clay Loam	no rocks	NCM	Hydric
S408	7	B	21	5Y 5/1 Gray	Silty Clay	no rocks	NCM	Hydric, pooling water Impasse

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S408	8	A	10	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S408	8	B	13	10YR 4/6 Dark Yellow Brown	Sand	0-2% pebbles	NCM	
S408	8	C	24	10YR 5/4 Brownish Yellow	Sand	0-2% pebbles	NCM	
S408	10							Standing Water, No Dig
S408	12	A	9	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S408	12	B	15	10YR 4/6 Dark Yellow Brown	Sand	no rocks	NCM	
S408	12	C	36	10YR 5/1 Gray	Silty Clay	no rocks	NCM	Strong Oxidation and patched of 2.5Y 5/3
S408	13	A	13	10YR 4/3 Brown	Sandy Loam		NCM	
S408	13	B	18	10YR 5/1 Grey	Sand		NCM	
S408	13	C	30	10YR 2/2 Very Dark Brown	Sand		NCM	Oxidation
S409	3	B	30	10YR 6/3 Pale Brown	Sand		NCM	Disturbed
S409	4	A	8	10YR 2/1 Black	Sandy Loam	no rocks	NCM	
S409	4	B	12	10YR 5/1 Gray	Sand	no rocks	NCM	
S409	4	C	21	10YR 4/6 Dark Yellow Brown	Sand	no rocks	NCM	
S409	4	D	31	10YR 5/4 Brownish Yellow	Sand	no rocks	NCM	
S409	5	A	12	10YR 4/3 Brown	Loam		NCM	Soil mixed with 10YR 4/6 Dark Yellow Brown
S409	5	B	15	10YR 5/3 Brown	Sand		NCM	Ant Colony Impasse, Disturbed
S409	6	A	15	10YR 4/3 Brown	Sandy Loam		NCM	Heavily Disturbed
S409	6	B	55	10YR 4/6 Dark Yellow Brown	Sandy Loam		NCM	Heavily Disturbed, Soil mixed with 5/4, 7/1, 2/2, and 5/8 all mixed
S409	7	A	20	10YR 2/1 Black	Sandy Loam		NCM	Soil mixed with 10YR 5/1 Gray, 10YR 5/8 Yellowish Brown
S409	7	A	11	10YR 4/3 Brown	Sand Loam	no rocks	NCM	
S409	7	B	28	10YR 5/8 Yellowish Brown	Sandy Loam		NCM	
S409	7	B	33	10YR 4/6 Dark Yellow Brown	Sand	5-10% pebbles	NCM	
S409	7	C	40	10YR 5/3 Brown	Sand		NCM	
S409	7	C	43	2.5Y 5/3 Light Olive Brown	Sand	5-10% pebbles	NCM	
S409	8	A	12	10YR 4/3 Brown	Sand Loam	5-10% pebbles	NCM	
S409	8	B	35	10YR 4/6 Dark Yellow Brown	Sand	5-10% pebbles	NCM	
S409	8	C	46	2.5Y 5/3 Light Olive Brown	Sand	5-10% pebbles	NCM	
S409	9	A	6	10YR 4/3 Brown	Sandy Loam		NCM	Heavily Disturbed
S409	9	A	45	10YR 2/2 Very Dark Brown	Sand		NCM	Disturbed, Mixed soil with 10YR 4/3, 5/6, 6/3, and 7/1
S409	9	B	64	10YR 4/6 Dark Yellow Brown	Sandy Loam		NCM	Heavily Disturbed, Soil mixed with 5/4, 7/1, 2/2, and 5/8 all mixed
S409	10	A	12	10YR 4/3 Brown	Loam		NCM	Soil mixed with 10YR 5/8 Yellowish Brown
S409	10	B	18	10YR 5/8 Yellowish Brown	Loam		NCM	
S409	10	C	30	10YR 5/3 Brown	Sand		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S409	11	A	8	10YR 4/3 Brown	Silty Sand Loam		NCM	Heavily Disturbed, 10YR 7/1 Light Gray mixed
S409	11	B	40	10YR 5/8 Yellowish Brown	Sandy Loam		NCM	Heavily Disturbed
S409	12	A	8	10YR 4/3 Brown	Loam		NCM	Soil mixed with 10YR 5/8 Yellowish Brown
S409	12	B	20	10YR 5/8 Yellowish Brown	Loam		NCM	
S409	12	C	33	10YR 5/3 Brown	Sand		NCM	
S409	13	A	9	10YR 4/2 Dark Grayish Brown	Sand Loam	0-2% pebbles	NCM	
S409	13	B	20	10YR 4/6 Dark Yellow Brown	Sand	5-10% pebbles	NCM	
S409	13	C	39	2.5Y 5/3 Light Olive Brown	Sand	5-10% pebbles	NCM	
S409	14	A	10	10YR 4/3 Brown	Sandy Loam	0-2% pebbles	NCM	
S409	14	A	11	10YR 4/3 Brown	Sandy Loam		NCM	Wet
S409	14	B	25	10YR 4/6 Dark Yellow Brown	Sand	5-10% pebbles	NCM	
S409	14	B	20	10YR 4/1 Dark Gray	Sandy Clay		NCM	FeO2, Hydric, Water Impasse
S409	14	C	36	10YR 5/4 Brownish Yellow	Sand	5-10% pebbles	NCM	
S409	14	D	46	2.5Y 5/3 Light Olive Brown	Sand	5-10% pebbles	NCM	
S409	15	A	9	10YR 2/1 Black	Sandy Loam	no rocks	NCM	
S409	15	B	12	10YR 5/1 Gray	Sand	no rocks	NCM	
S409	15	C	26	10YR 4/6 Dark Yellow Brown	Sand	no rocks	NCM	
S409	15	D	42	10YR 5/4 Brownish Yellow	Sand	no rocks	NCM	
S409	16	A	11	10YR 2/1 Black	Sandy Loam	no rocks	NCM	
S409	16	B	14	10YR 5/1 Gray	Sandy Loam	no rocks	NCM	
S409	16	C	30	10YR 4/6 Dark Yellow Brown	Sand	no rocks	NCM	Oxidation
S409	16	D	47	2.5Y 5/3 Light Olive Brown	Sand	5% pebbles	NCM	
S409	17	A	18	10YR 4/3 Brown	Loam		NCM	Soil mixed with 10YR 5/8 Yellowish Brown
S409	17	B	24	10YR 5/8 Yellowish Brown	Loam		NCM	
S409	17	C	38	10YR 5/1 Gray	Sandy Loam		NCM	
S409	18	A	8	10YR 4/3 Brown	Sandy Loam		NCM	Root Impasse, Disturbed
S412	5	A	13	10YR 4/2 Dark Grayish Brown	Sandy Loam	no rocks	NCM	
S412	5	B	33	10YR 4/1 Dark Gray	Sandy Loam	no rocks	NCM	Oxidation
S412	5	C	43	10YR 4/3 Brown	Sandy Loam	no rocks	NCM	Oxidation
S412	6	A	34	10YR 4/2 Dark Grayish Brown	Sand	10% rocks	NCM	Oxidation
S412	6	B	40	10YR 5/4 Brownish Yellow	Sandy Silt	no rocks	NCM	Charcoal
S412	6	C	60	10YR 5/3 Brown	Sandy Silt	no rocks	NCM	Oxidation
S412	7	A	32	10YR 4/2 Dark Grayish Brown	Sand	no rocks	NCM	
S412	7	B	42	10YR 5/4 Brownish Yellow	Sandy Silt	no rocks	NCM	
S412	8	A	20	10YR 5/3 Brown	Sand		NCM	
S412	8	B	35	10YR 5/4 Brownish Yellow	Sand		NCM	Modeled with 10YR 4/4 Dark Yellowish Brown

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S412	9	A	30	10YR 5/3 Brown	Sand		NCM	
S412	9	B	44	10YR 5/4 Brownish Yellow	Sandy Loam		NCM	
S412	10	A	40	10YR 5/3 Brown	Sand		NCM	
S412	10	B	52	10YR 5/4 Brownish Yellow	Sandy Loam		NCM	
S412	11	A	14	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S412	11	B	22	10YR 4/3 Brown	Sandy Silt		NCM	
S412	11	C	40	10YR 5/4 Brownish Yellow	Sandy Silt		NCM	
S412	12	A	10	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S412	12	B	21	10YR 4/3 Brown	Sandy Silt		NCM	
S412	12	C	35	10YR 5/4 Brownish Yellow	Sandy Silt		NCM	
S412	13	A	12	10YR 4/2 Dark Grayish Brown	Silt loam		NCM	
S412	13	B	30	10YR 4/3 Brown	Sandy Silt		NCM	
S412	13	C	43	10YR 5/4 Brownish Yellow	Sandy Silt		NCM	
S413	5						NCM	No Dig Pond
S413	7	A	36	10YR 4/2 Dark Grayish Brown	Sandy Loam	5-10% pebbles	NCM	
S413	7	B	46	10YR 5/4 Brownish Yellow	Sandy Loam	5-10% pebbles	NCM	
S413	8	A	30	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S413	8	B	43	10YR 5/4 Brownish Yellow	Sand		NCM	
S413	8						NCM	No Dig Pond
S413	9	A	43	10YR 4/3 Brown	Loamy Sand		NCM	
S413	9	B	56	10YR 5/4 Brownish Yellow	Sand		NCM	
S413	10	A	27	10YR 4/2 Dark Grayish Brown	Sandy Loam	5-10% pebbles	NCM	
S413	10	B	40	10YR 5/4 Brownish Yellow	Sandy Loam	5-10% pebbles	NCM	
S413	13	A	20	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S413	13	B	22	10YR 5/1 Gray	Sand		NCM	
S413	13	C	33	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S413	13	D	44	10YR 5/4 Brownish Yellow	Sandy Loam		NCM	
S413	15	A	14	10YR 4/3 Brown	Loamy Sand		NCM	
S413	15	B	70	10YR 4/3 Brown	Sand		NCM	
S413	15	C	88	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S413	17	A	15	10YR 4/2 Dark Grayish Brown	Sandy Loam	5-10% pebbles	NCM	
S413	17	B	34	10YR 4/3 Brown	Sand	5% pebbles	NCM	
S413	17	C	49	10YR 4/2 Dark Grayish Brown	Sandy Silt	no rocks	NCM	
S413	18	A	20	10YR 4/3 Brown	Loamy Sand		NCM	
S413	18	B	57	10YR 4/3 Brown	Sand		NCM	
S413	18	C	69	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S413	19	A	18	10YR 4/2 Dark Grayish Brown	Sandy Loam	5-10% pebbles	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S413	19	B	28	10YR 4/2 Dark Grayish Brown	Sand	5% pebbles	Discarded 2 brick fragments	
S413	19	C	47	10YR 4/3 Brown	Sandy Loam	5% pebbles	NCM	
S413	19	D	58	10YR 5/3 Brown	Sand	5% pebbles	NCM	
S413	21	A	15	10YR 4/2 Dark Grayish Brown	Sandy Loam	5-10% pebbles	NCM	
S413	21	B	41	10YR 4/3 Brown	Sand	5% pebbles	Discarded 1 Calcined Bone	
S413	21	C	51	10YR 4/1 Dark Gray	Sandy Loam	no rocks	NCM	
S413	22	A	38	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S413	22	B	50	10YR 5/3 Brown	Sandy Loam		NCM	
S413	23	A	16	10YR 4/3 Brown	Loamy Sand		NCM	
S413	23	B	45	10YR 4/3 Brown	Sand		NCM	
S413	23	C	56	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S414	1	A	13	10YR 4/2 Dark Grayish Brown	Sandy Loam	20-25% pebbles/cobble	NCM	
S414	1	B	23	10YR 4/4 Dark Yellow Brown	Sand	15% pebbles/cobbles	NCM	
S414	2	A	26	10YR 4/2 Dark Grayish Brown	Loamy Sand		NCM	
S414	2	B	40	10YR 5/4 Brownish Yellow	Sand		NCM	
S414	3	A	15	10YR 3/2 Very Dark Grayish Brown	Sand		NCM	
S414	3	B	28	10YR 5/4 Brownish Yellow	Sand		NCM	Artificially leveled, sod fill
S414	4	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam	10-15% pebbles	Discarded: 3 modern conduit nails, 1 flat clear glass, 1 whiteware, 3 brick fragments	
S414	4	B	41	10YR 5/4 Brownish Yellow	Sandy Loam	20-25% pebbles	NCM	
S414	5	A	15	10YR 4/2 Dark Grayish Brown	Sand		NCM	Rock Impasse, Artificially levelled, sod fill
S415	5	A	17	10YR 4/3 Brown	Sand		NCM	
S415	5	B	18	10YR 4/1 Dark Gray	Clay		NCM	
S415	5	C	38	10YR 3/2 Very Dark Grayish Brown	Sandy Silt		NCM	
S415	6	A	7	10YR 3/3 Dark Brown	Silt loam		NCM	
S415	6	B	17	10YR 4/3 Brown	Sand		NCM	
S415	6	C	27	10YR 3/3 Dark Brown	Silt loam		NCM	
S415	7						NCM	No Dig, Slope/Cliff
S415	8						NCM	No Dig, Slope/Cliff
S415	9	A	28	10YR 3/3 Dark Brown	Silt loam	5-10% pebbles	NCM	
S415	9	B	41	10YR 5/4 Brownish Yellow	Sandy Loam	15-20% pebbles	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S415	10	A	3	10YR 4/3 Brown	Sand		NCM	
S415	10	B	15	10YR 4/1 Dark Gray	Clay		NCM	Compact above B stratum on path
S415	11	A	15	10YR 4/3 Brown	Silty Clay Loam		NCM	
S415	11	B	28	10YR 4/1 Dark Gray	Silty Clay		NCM	
S415	12	A	18	10YR 3/3 Dark Brown	Silt loam		NCM	Root Impasse
S415	13	A	32	10YR 3/3 Dark Brown	Silt loam		NCM	
S415	13	B	43	10YR 5/4 Brownish Yellow	Silty clay loam		NCM	
S415	14	A	33	10YR 4/2 Dark Grayish Brown	Silty clay loam	no rocks	NCM	
S415	14	B	45	2.5Y 5/2 Gray Brown	Silty clay	no rocks	NCM	Oxidation
S415	15	A	16	10YR 4/3 Brown	Silty Clay Loam		NCM	
S415	15	B	30	10YR 4/1 Dark Gray	Silty Clay		NCM	
S415	16	A	19	10YR 4/3 Brown	Silty Clay Loam		NCM	
S415	16	B	33	10YR 4/1 Dark Gray	Silty Clay		NCM	
S415	17	A	27	10YR 3/3 Dark Brown	Silt loam		NCM	
S415	17	B	37	10YR 5/4 Brownish Yellow	Silty clay loam		NCM	
S415	18	A	16	10YR 4/2 Dark Grayish Brown	Silty clay loam	no rocks	NCM	
S415	18	B	31	10YR 5/3 Brown	Silty clay	no rocks	NCM	Oxidation
S415	19						NCM	No Dig, Slope/Cliff
S415	20	A	14	10YR 4/3 Brown	Silty clay loam		NCM	
S415	20	B	30	10YR 4/1 Dark Gray	Silt loam		NCM	FeO2
S415	20						NCM	No Dig, Slope/Cliff
S415	23	A	19	10YR 4/3 Brown	Silty clay loam		NCM	
S415	23	B	40	10YR 4/1 Dark Gray	Silt loam		NCM	FeO2
S415	26	A	15	10YR 4/3 Brown	Silty clay loam		NCM	
S415	26	B	30	10YR 4/1 Dark Gray	Silt loam		NCM	FeO2
S416	21	A	10	2.5Y 4/1 Dark Gray	Silt loam	no rocks	NCM	
S416	21	B	14	Layer of Wood Chips	NA		NA	
S416	21	C	20	10YR 3/2 Very Dark Grayish Brown	Silt loam	no rocks	NCM	Oxidation
S416	21	D	31	2.5Y 4/2 Dark Grayish Brown	Silt	no rocks	NCM	Oxidation
S416	22	A	14	10YR 4/3 Brown	Silt loam		NCM	
S416	22	B	30	10YR 5/4 Brownish Yellow	Silty clay loam		NCM	
S416	24	A	8	10YR 3/2 Very Dark Grayish Brown	Silt loam	no rocks	NCM	
S416	24	B	33	10YR 4/3 Brown	Silt loam	no rocks	NCM	
S416	24	C	44	10YR 5/2 Gray Brown	Silt	no rocks	NCM	Oxidation
S416	25	A	16	10YR 4/3 Brown	Silt loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S416	25	B	26	10YR 5/4 Brownish Yellow	Silty clay loam		NCM	
S416	27	A	15	10YR 3/2 Very Dark Grayish Brown	Silt loam	no rocks	NCM	
S416	27	B	30	10YR 4/2 Dark Grayish Brown	Silt	no rocks	NCM	Oxidation
S416	10A	A	24	10YR 4/3 Brown	Silty clay Loam	no rocks	NCM	
S416	10A	B	32	10YR 6/6 Brownish Yellow	Silty clay	no rocks	NCM	
S416	10A	C	49	10YR 5/1 Gray	Silty clay	5% Gravel	NCM	Oxidation
S416	11A	A	30	10YR 4/3 Brown	Silty Clay Loam		NCM	
S416	11A	B	48	10YR 4/1 Gray	Very Fine Sand		NCM	Oxidation
S416	1A	A	8	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	Root Impasse
S416	1-R5E	A	38	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	1-R5E	B	57	7.5YR 5/6 Strong Brown	Silty Clay Loam	5% Rocks	NCM	Radial
S416	2A	A	36	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S416	2A	B	47	10YR 6/1 Gray	Sandy Clay Loam		NCM	Oxidation
S416	3A	A	12	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	Root Impasse
S416	4-10N5W	A	20	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	4-10N5W	B	25	10YR 4/1 Dark Gray	Sand	no rocks	NCM	Radial, Oxidation
S416	4-10N5W	C	37	10YR 5/3 Brown	Sand	no rocks	NCM	Radial
S416	4-10S5W	A	15	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	4-10S5W	B	40	10YR 5/3 Brown	Sand	no rocks	NCM	Radial
S416	4-10S5W	C	50	10YR 4/1 Dark Gray	Sand	no rocks	NCM	Radial
S416	4-15W	A	22	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	4-15W	B	39	10YR 4/1 Dark Gray	Sand	no rocks	NCM	Radial
S416	4-15W	C	50	10YR 5/3 Brown	Sand	no rocks	NCM	Radial, Disturbed
S416	4-5N5W	A	14	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	4-5N5W	B	90	10YR 5/3 Brown	Sand	no rocks	All Modern nail, brick, bulltet discarded	Radial
S416	4-5N5W	C	100	10YR 4/1 Dark Gray	Sand	no rocks	NCM	Radial, Oxidation, Disturbed river fill
S416	4-5S5W	A	17	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	Radial
S416	4-5S5W	B	30	10YR 4/1 Dark Gray	Sand	no rocks	NCM	Radial, Oxidation
S416	4-5S5W	C	42	10YR 5/3 Brown	Sand	no rocks	NCM	Radial, Disturbed
S416	4A	A	15	10YR 3/3 Dark Brown	Silt Loam	no rocks	NCM	Root Impasse
S416	5A	B	31	10YR 3/3 Dark Brown	Silt Loam	no rocks	NCM	Root Impasse
S416	6A	A	28	10YR 4/3 Brown	Silty clay Loam	no rocks	NCM	
S416	6A	B	39	10YR 6/6 Brownish Yellow	Silty clay	no rocks	NCM	
S416	6A	C	60	10YR 5/1 Gray	Silty clay	5% Gravel	NCM	Oxidation
S416	7A	A	35	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S416	7A	B	52	10YR 6/1 Gray	Sandy Clay Loam		NCM	
S416	8A							Write off, modern trash
S416	9A	A	35	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
S416	9A	B	59	10YR 6/1 Gray	Sandy Clay Loam		NCM	
S420	5	A	18	10YR 4/3 Brown	Silty clay loam		NCM	
S420	5	B	30	10YR 5/3 Brown	Silt		NCM	FeO2
S420	6	A	12	10YR 3/3 Dark Brown	Silty clay loam		NCM	
S420	6	B	31	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	FeO2
S420	7	A	14	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S420	7	B	25	10YR 5/2 Gray Brown	Silt	no rocks	NCM	
S420	8	A	19	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	Discarded 1 picec of plastic	
S420	8	B	29	10YR 5/3 Brown	Silt	no rocks	NCM	
S420	9	A	27	10YR 4/3 Brown	Silty clay loam		NCM	
S420	9	B	37	10YR 4/6 Dark Yellow Brown	Silty clay loam		NCM	
S420	10	A	23	10YR 3/2 Very Dark Grayish Brown	Silty clay loam		NCM	
S420	10	B	35	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S420	11	A	18	10YR 3/2 Very Dark Grayish Brown	Silty clay loam		NCM	
S420	11	B	40	10YR 6/4 Light Yellowish Brown	Silt		NCM	
S420	12	A	17	10YR 4/6 Dark Yellow Brown	Silty clay loam		NCM	
S420	12	B	32	10YR 5/6 Yellow Brown	Sandy Loam		NCM	
S420	13	A	22	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	
S420	13	B	33	10YR 5/4 Brownish Yellow	Silt	no rocks	NCM	
S420	14	A	15	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	NCM	
S420	14	B	26	10YR 4/1 Dark Gray	Silt	no rocks	NCM	
S420	5A	A	12	10YR 4/3 Brown	Silty Clay Loam	no rocks	NCM	Disturbed, Oxidation, stopped due to pink flagging tape on rebar, near distribution pole
S420	6A	A	17	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S420	6A	B	28	10YR 4/1 Dark Gray	Silty Clay	no rocks	NCM	Oxidation
S420	7A	A	18	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S420	7A	B	33	10YR 4/1 Dark Gray	Silty Clay	no rocks	NCM	Oxidation
S421	5	A	20	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	likely fill
S421	5	B	43	10YR 4/3 Brown	Silt		NCM	disturbed
S421	5	C	69	10YR 4/3 Brown	Silt		NCM	disturbed, oxidation

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S421	6	A	13	10YR 4/2 Dark Grayish Brown	Silt loam	no rocks	Discarded 2 clear modern glass	
S421	6	B	41	10YR 5/3 Brown	Compact Silt	no rocks	NCM	
S421	7	A	19	10YR 4/3 Brown	Clay Loam		NCM	
S421	7	B	33	10YR 5/3 Brown	Silty Clay		NCM	
S421	8	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S421	8	B	33	10YR 5/3 Brown	Silty clay		NCM	FeO2
S421	9	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S421	9	B	27	10YR 5/2 Gray Brown	Silt		NCM	FeO2
S421	10	A	13	10YR 4/2 Dark Grayish Brown	Silt loam	2% pebbles	NCM	
S421	10	B	25	10YR 5/3 Brown	Silt	0-2% pebbles	NCM	
S421	11	A	12	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	no rocks	NCM	
S421	11	B	30	10YR 5/2 Gray Brown	Silty clay	no rocks	NCM	
S421	12	A	16	10YR 4/3 Brown	Clay Loam		NCM	
S421	12	B	30	10YR 5/3 Brown	Silty Clay		NCM	
S421	13	A	16	10YR 4/3 Brown	Clay Loam		NCM	
S421	13	B	31	10YR 5/3 Brown	Silty Clay		NCM	
S421	14	A	22	10YR 4/2 Dark Grayish Brown	Silty Clay Loam	5% pebbles	NCM	
S421	14	B	40	10YR 4/3 Brown	Silt	0-2% pebbles	NCM	
S421	15	A	17	10YR 4/3 Brown	Clay Loam		NCM	
S421	15	B	34	10YR 5/3 Brown	Silty Clay		NCM	
S421	16	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	
S421	16	B	28	10YR 5/3 Brown	Silt		NCM	FeO2
S221	1A	A	40	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
S221	1A	B	60	10YR 6/1 Gray	Clay Loam		NCM	BOE
S221	2A	A	17	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
S221	2A	B	40	10YR 6/1 Gray	Clay Loam		NCM	BOE
S221	3A	A	20	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
S221	3A	B	40	GLEY 2 6/5BG Greenish Grey with FEO2	Fine Silt		NCM	BOE
S225	1A	A	10	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	
S225	1A	B	38	10YR 4/3 Brown	Sandy Loam	25% Gravel	NCM	BOE
S260	4	A	10	10YR 3/1 Very Dark Gray	Loam	5% Rocks	NCM	
S260	4	B	30	10YR 5/1 Gray with oxidation	Silty Clay	5% Rocks	NCM	BOE
S260	5	A	23	10YR 3/3 Dark Brown	Silt Loam		NCM	
S260	5	B	38	10YR 5/2 Grayish Brown	Hydric Clay Loam		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S260	6	A	10	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	6	B	30	10YR 5/1 Gray	Clay Loam		NCM	BOE
S260	7	A	44	10YR 3/2 Very Dark Grayish Brown mottled with 10YR 4/1 Dark Gray and 10YR 5/1 Gray with heavy FEO2	Clay mottled with Clay Loam		NCM	
S260	7	B	54	10YR 5/1 Gray with FEO2	Hydric Clay		NCM	BOE / Water Inundatin after completion
S260	8	A	15	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	8	B	40	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
S260	9	A	23	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	9	B	50	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
S260	10	A	20	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	10	B	37	10YR 5/2 Grayish Brown with oxidation	Clay Loam		NCM	BOE / Pooling Water
S260	11	A	19	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	11	B	40	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
S260	12	A	20	10YR 3/1 Very Dark Gray	Loam	35% Rocks	NCM	
S260	12	B	30	10YR 5/1 Gray with oxidation	Silty Clay	10% Rocks	NCM	BOE
S260	13	A	22	10YR 3/2 Very Dark Grayish Brown	Silt Loam	5% Cobbles	NCM	
S260	13	B	33	10YR 5/2 Grayish Brown	Sand		NCM	
S260	13	C	55	10YR 5/2 Grayish Brown with oxidation	Clay Loam		NCM	BOE
S260	14	A	10	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	14	B	39	10YR 5/2 Grayish Brown	Sandy Clay Loam		NCM	BOE
S260	15	A	4	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
S260	15	B	18	GLEY 2 6/5 Greenish Gray with Heavy FEO2	Silty Clay	<1% Rocks and Gravel	NCM	
S260	15	C	26	10YR 3/2 Very Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	
S260	15	D	47	GLEY 2 6/5 Greenish Gray with Heavy FEO2	Silty Clay		NCM	BOE
S260	16	A	13	10YR 3/2 Very Dark Grayish Brown	<1% Rocks and Gravel		NCM	
S260	16	B	36	10YR 5/1 Gray with Heavy FEO2	<1% Rocks and Gravel		NCM	BOE
S260	17	A	20	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	17	B	40	GLEY 2 6/5 Greenish Gray with FEO2	Hydric Clay		NCM	BOE
S260	18	A	10	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	18	B	29	10YR 5/1 Gray	Sandy Clay		NCM	BOE
S260	19	A	12	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	19	B	35	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
S260	20	A	20	10YR 3/1 Very Dark Gray	Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S260	20	B	30	10YR 5/1 Gray with oxidation	Silty Clay		NCM	Water Impasse / BOE
S260	21	A	11	10YR 3/2 Very Dark Grayish Brown	Silt Loam	5% Cobbles	NCM	
S260	21	B	40	10YR 5/2 Grayish Brown with oxidation	Clay Loam		NCM	BOE
S260	22	A	25	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	22	B	43	10YR 5/2 Grayish Brown with oxidation	Clay Loam		NCM	BOE
S260	23	A	25	10YR 3/1 Very Dark Gray	Silty Clay Loam	<1% Rocks and Gravel	NCM	
S260	23	B	33	GLEY 2 6/5 BG Greenish Gray with heavy FEO2	Hydric Clay	<1% Rocks and Gravel	NCM	BOE
S260	24	A	18	10YR 3/1 Very Dark Gray	Silty Clay Loam	<1% Rocks and Gravel	NCM	
S260	24	B	34	GLEY 2 6/5Bg Greenish Gray with heavy FEO2	Hydric Clay		NCM	BOE
S260	25	A	13	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	25	B	33	10YR 3/1 Very Dark Gray	Clay		NCM	BOE
S260	26	A	14	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	
S260	26	B	36	10YR 5/1 Gray	Clay		NCM	BOE
S260	27	A	12	10YR 3/2 Very Dark Grayish Brown	Silt Loam	Heavy Root Activity		
S260	27	B	48	10YR 5/2 Grayish Brown with oxidation	Clay Loam			
S260	28	A	12	10YR 3/2 Very Dark Grayish Brown	Silt Loam	Heavy Root Activity	NCM	
S260	28	B	48	10YR 5/2 Grayish Brown with oxidation	Clay Loam		NCM	BOE
S260	30	A	15	10YR 2/1 Black	Loam		NCM	
S260	30	B	27	10YR 3/3 Dark Brown	Loam		NCM	
S260	30	C	45	10YR 5/8 Yellowish Brown	Sand		NCM	
S260	30	D	60	10YR 5/1 Gray with Oxidation	Clayey Sand		NCM	Possibly on top of fill / BOE
S260	31	A	10	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
S260	31	B	15	10YR 4/2 Dark Grayish Brown	Sand		NCM	
S260	31	C	35	GLEY 6N Gray with oxidation	Clay		NCM	BOE
S260	32	A	20	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	32	B	43	10YR 5/2 Grayish Brown with oxidation	Sandy Loam		NCM	BOE
S260	33	A	30	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	33	B	50	10YR 5/1 Gray	Sandy Loam		NCM	BOE
S260	34	A	14	10YR 3/1 Very Dark Gray	Silty Clay Loam	<1% Rocks and Gravel	NCM	
S260	34	B	36	GLEY 2 8/10B Light Bluish Gray	Silty Clay		NCM	BOE
S260	35	A	13	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	35	B	39	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	
S260	35	C	60	10YR 5/1 Gray	Fine Sandy Loam		NCM	BOE
S260	36							Unexcated - Highly Disturbed due to road

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S260	37	A	15	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	37	B	40	10YR 6/3 Pale Brown	Sandy Clay		NCM	BOE
S260	38	A	20	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
S260	38	B	40	GLEY 6N Gray with oxidation	Clay		NCM	BOE
S260	40	A	16	10YR 2/2 Very Dark Brwon	Sandy Loam		NCM	
S260	40	B	39	10YR 6/3 Pale Brown	Sandy Clay		NCM	BOE
S260	41	A	12	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	41	B	36	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	
S260	41	C	56	10YR 5/1 Gray	Fine Sandy Loam		NCM	BOE
S260	42	A	3	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	42	B	14	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	
S260	42	C	39	10YR 5/1 Gray	Fine Sandy Loam		NCM	BOE
S260	43	A	6	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	43	B	47	10YR 5/6 Yellowish Brown	Sandy Loam		NCM	BOE
S260	44	A	13	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	44	B	36	10YR 5/1 Gray	Silty Clay Loam		NCM	BOE
S260	45	A	20	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	45	B	40	10YR 7/1 Light Gray	Sandy Loam		NCM	
S260	46	A	25	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S260	46	B	45	10YR 5/1 Grey	Clay Loam		NCM	BOE
S260	48	A	14	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S260	48	B	23	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	
S260	48	C	43	10YR 5/1 Gray	Fine Sandy Loam		NCM	BOE
S260	49	A	12	10YR 4/2 Dark Grayish Brown	Silty Clay		NCM	
S260	49	B	50	10YR 5/1 Gray	Silty Clay		NCM	BOE
S260	50	A	19	10YR 4/4 Dark Yellowish Brown with FEO2	Silt Loam	40% Field Stones	NCM	Field Stone Impasse / BOE
S267	5	A	47	10YR 4/3 Brown	Silt Loam	30-35% Channery Gravel	NCM	
S267	5	B	63	10YR 3/6 Dark Yellowish Brown	Silt Loam	40% Channery Gravel	NCM	Channery Compaction Impasse / BOE
S267	6	A	31	10YR 4/3 Brown	Silt Loam	30-35% Channery Gravel	NCM	Channery Compaction Impasse / BOE
S267	7	A	30	10YR 4/3 Brown	Silt Loam	30-35% Channery Gravel	NCM	
S267	7	B	52	10YR 3/6 Dark Yellowish Brown	Silt Loam	40% Channery Gravel	NCM	BOE
S267	8	A	50	10YR 3/4 Dark Yellowish Brown	Loam	75% Gravel	NCM	Excessive Gravel Impasse / BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S267	9	A	48	10YR 3/3 Dark Brown	Silt Loam		NCM	
S267	9	B	52	10YR 3/6 Dark Yellowish Brown	Silt Loam		NCM	BOE
S267	10	A	37	10YR 3/3 Dark Brown	Sandy Loam	20% Cobbles and Gravel	NCM	Rock Impasse / BOE
S267	11	A	26	10YR 3/3 Dark Brown	Silt Loam		NCM	Gravel Impasse / BOE
S267	12	A	29	10YR 4/3 Brown	Silt Loam	30-35% Channery Gravel	NCM	
S267	12	B	38	10YR 3/6 Dark Yellowish Brown	Silt Loam	40% Channery Gravel	NCM	Stone Impasse / BOE
S267	13	A	30	10YR 4/3 Brown	Silt Loam	30-35% Channery Gravel	NCM	Rock and Tree Root Impasse / BOE
S267	14	A	45	10YR 3/4 Dark Yellowish Brown	Loam	25% Gravel	NCM	
S267	14	B	65	10YR 3/3 Dark Brown			NCM	BOE
S267	15	A	40	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	Gravel Impasse / BOE
S267	16	A	50	10YR 3/3 Dark Brown	Silt Loam		NCM	Gravel Impasse / BOE
S267	17	A	40	10YR 3/3 Dark Brown	Sandy Loam	20% Cobbles and Gravel	NCM	Compact Gravel Impasse / BOE
S267	18	A	37	10YR 3/3 Dark Brown	Silt Loam		NCM	
S267	18	B	57	10YR 3/6 Dark Yellowish Brown	Silt Loam		NCM	BOE
S267	19	A	46	10YR 3/3 Dark Brown	Silt Loam		NCM	Gravel Impasse / BOE
S267	20	A	49	10YR 3/3 Dark Brown	Silt Loam		NCM	BOE
S267	21	A	45	10YR 3/3 Dark Brown	Sandy Loam	20% Cobbles and Gravel	NCM	Rock Impasse / BOE
S267	22	A	34	10YR 3/3 Dark Brown	Sandy Loam	20% Cobbles and Gravel	NCM	
S267	22	B	58	10YR 4/4 Dark Yellowish Brown	Sandy Loam	15% Gravel	NCM	BOE
S267	23	A	44	10YR 3/3 Dark Brown	Silt Loam		NCM	Gravel Impasse / BOE
S267	24	A	20	10YR 3/3 Dark Brown				
S267	24	B	40	10YR 3/6 Dark Yellowish Brown				
S268	4	A	47	10YR 3/3 Dark Brown	Silt Loam	35-40% Rocks and Gravel	NCM	Field Stone Impasse / BOE
S268	5	A	26	7.5YR 4/6 Strong Brown	Silt Loam		NCM	Rock Impasse / BOE
S268	6	A	25	10YR 2/2 Very Dark Brown	Silt Loam	25% gravel	NCM	
S268	6	B	45	10YR 4/4 Dark Yellowish Brown	Sandy Silt	35% gravel	NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S268	7	A	42	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S268	7	B	62	10YR 4/3 Brown	Clay Loam		NCM	BOE
S268	8	A	29	10YR 3/3 Dark Brown	Loam	Rocky	NCM	
S268	8	B	40	10YR 4/3 Brown	Silty Clay	Rocky	NCM	Rock Impasse / BOE
S268	9	A	37	7.5YR 4/6 Strong Brown	Silt Loam		NCM	
S268	9	B	42	10YR 6/3 Pale Brown	Silty Clay Loam		NCM	Rock Impasse / BOE
S269	3	A	12	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	
S269	3	B	22	10YR 4/2 Dark Grayish Brown	Sandy Clay		NCM	Water Impasse / BOE
S269	4	A	17	10YR 3/1 Very Dark Gray	Silty Clay Loam	<5% Rocks and Gravel	NCM	
S269	4	B	53	10YR 4/1 Dark Gray	Medium Coarse Sand	30% Gravel, some Rock	NCM	Water Inundation at 47 cm / BOE
S269	5	A	20	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S269	5	B	35	10YR 5/6 Yellowish Brown	Sand		NCM	Water Impasse / BOE
S269	6	A	10	10YR 2/1 Black	Silt Loam		NCM	Root Impasse / BOE
S269	7	A	20	10YR 2/1 Black	Silt Loam		NCM	
S269	7	B	40	10YR 4/3 Brown	Silty Clay Loam		NCM	BOE
S269	8	A	29	10YR 2/1 Black	Silt Loam	<2% Rocks and Gravel	NCM	
S269	8	B	50	10YR 4/3 Brown	Sandy Loam	25-30% Gravel with some Rock	NCM	BOE
S269	9	A	20	10YR 2/1 Black	Silt Loam	<2% Rocks and Gravel	NCM	
S269	9	B	43	10YR 4/3 Brown	Sandy Loam	25-30% Gravel with some Rock	NCM	BOE
S269	10	A	23	10YR 3/2 Very Dark Grayish Brown	Silty Clay	Rock	NCM	
S269	10	B	40	10YR 4/3 Brown	Clay	Rock	NCM	Rock Impasse / BOE
S269	11	A	29	10YR 3/3 Dark Brown	Silt Loam		NCM	
S269	11	B	60	10YR 4/3 Brown	Silty Clay	Rock	NCM	BOE
S269	12	A	19	10YR 3/2 Very Dark Grayish Brown	Silty Clay	Rock	NCM	
S269	12	B	46	10YR 4/3 Brown	Clay	Rock	NCM	BOE
S269	13	A	20	10YR 2/1 Black	Silt Loam		NCM	
S269	13	B	40	10YR 5/3 Brown	Sand		NCM	BOE
S269	14	A	40	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S269	14	B	60	10YR 4/6 Dark Yellowish Brown	Sand		NCM	BOE
S269	15	A	20	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S269	15	B	40	10YR 4/6 Dark Yellowish Brown	Sand		NCM	BOE
S269	16	A	29	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S269	16	B	40	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
S269	17	A	36	10YR 3/3 Dark Brown	Silty Clay		NCM	
S269	17	B	40	10YR 4/3 Brown	Clay		NCM	Rock Impasse / BOE
S269	18	A	32	10YR 3/3 Dark Brown	Silt Loam		NCM	
S269	18	B	60	10YR 4/3 Brown	Silty Clay		NCM	BOE
S269	19	A	26	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S269	19	B	50	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
S269	20							Not dug - Root Impasse
S269	22							Write off / No Excavation
S269	21	A	20	10YR 2/1 Black	Sandy Loam		NCM	Root Impasse / BOE
S269	23	A	19	10YR 2/1 Black	Silt Loam	<2% Rocks and Gravel	NCM	
S269	23	B	43	10YR 4/3 Brown	Sandy Loam	25-30% Gravel with some Rock	NCM	BOE
S269	24	A	17	10YR 2/1 Black	Silt Loam	<2% Rocks and Gravel	NCM	Tree Root Impasse / BOE
S270	5	A	21	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	5	B	42	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S270	6	A	25	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	6	B	49	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S270	7	A	30	10YR 2/1 Black	Loam	10% Roots, 10% Gravel	NCM	
S270	7	B	50	10YR 4/6 Dark Yellowish Brown	Sandy Loam	20% Gravel	NCM	BOE
S270	8	A	30	10YR 2/1 Black	Loam	10% Roots, 10% Gravel	NCM	
S270	8	B	50	10YR 4/6 Dark Yellowish Brown	Sandy Loam	20% Gravel	NCM	BOE
S270	9	A	19	10YR 2/1 Black	Silt Loam		NCM	
S270	9	B	40	10YR 4/3 Brown	Silty Clay Loam		NCM	BOE
S270	10							Not Dug - Root Impasse
S270	11	A	30	10YR 3/3 Dark Brown	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	Rock Impasse / BOE
S270	12	A	27	10YR 3/1 Very Dark Gray	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S270	12	B	39	10YR 3/4 Dark Yellowish Brown	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	Root Impasse / BOE
S270	13	A	18	10YR 3/2 Very Dark Grayish Brown	Silt Loam	<5 Gravel and Rocks	NCM	
S270	13	B	43	10YR 3/4 Dark Yellowish Brown	Sandy Clay Loam	30% Channery Gravel and Saporlite	NCM	BOE
S270	14	A	20	10YR 3/2 Very Dark Grayish Brown	Silt Loam	<5 Gravel and Rocks	NCM	
S270	14	B	47	10YR 3/4 Dark Yellowish Brown	Sandy Clay Loam	30% Channery Gravel and Saporlite	NCM	BOE
S270	15	A	22	10YR 3/3 Dark Brown	Silt Loam		NCM	Rock Impasse / BOE
S270	16	A	19	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S270	16	B	42	10YR 4/3 Brown	Silty Clay	Rock	NCM	BOE
S270	17	A	7	10YR 2/1 Black	Loam	75% Gravel	NCM	BOE
S270	18	A	20	10YR 2/1 Black	Sandy Loam		NCM	Root Impasse / BOE
S270	19	A	14	10YR 2/1 Black	Silt Loam		NCM	
S270	19	B	50	10YR 4/3 Brown	Silty Clay Loam		NCM	BOE
S270	20	A	43	10YR 3/3 Dark Brown	Silt Loam		NCm	
S270	20	B	76	10YR 6/3 Pale Brown	Clay	Rocks	NCm	BOE
S270	21	A	24	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	21	B	44	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S270	22	A	20	10YR 2/1 Black	Loam	10% Roots, 10% Gravel	NCM	
S270	22	B	50	10YR 4/6 Dark Yellowish Brown	Sandy Loam	20% Gravel	NCM	BOE
S270	23	A	32	10YR 3/1 Very Dark Gray	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	
S270	23	B	55	10YR 3/4 Dark Yellowish Brown	Sandy Loam	5% Gravel	NCM	BOE
S270	24	A	28	10YR 3/1 Very Dark Gray	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	
S270	24	B	48	10YR 3/4 Dark Yellowish Brown	Sandy Loam	10% Gravel	NCM	BOE
S270	25	A	20	10YR 2/1 Black	Sandy Loam		NCM	
S270	25	B	40	10YR 5/3 Brown	Sandy Loam		NCM	BOE
S270	26	A	30	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	26	B	52	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S270	27	A	22	10YR 3/3 Dark Brown	Silt Loam	Rocks	NCM	Rock Impasse / BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S270	28							Unexcavated - Exposed Bedrock
S270	29	A	20	10YR 2/1 Black	Silt Loam		NCM	
S270	29	B	27	10YR 5/4 Yellowish Brown	Silty Clay Loam		NCM	Rock Impasse / BOE
S270	30	A	24	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	30	B	45	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S270	31	A	35	10YR 3/2 Very Dark Grayish Brown	Silt Loam	<5 Gravel and Rocks	NCM	Tree Root and Rock Impasse / BOE
S270	32	A	16	10YR 3/1 Very Dark Gray	Sandy Loam	5% Cobbles, Gravel, Heavy Root Activity	NCM	
S270	32	B	38	10YR 3/4 Dark Yellowish Brown	Sandy Loam	10% Gravel	NCM	BOE
S270	33	A	26	10YR 3/3 Dark Brown	Silt Loam		NCM	Roots and Rocks Impasse / BOE
S270	34	A	29	10YR 3/3 Dark Brown	Silt Loam		NCM	
S270	34	B	41	10YR 4/3 Brown	Silty Clay		NCM	Rock Impasse / BOE
S270	35	A	8	10YR 2/1 Black	Sandy Loam		NCM	Root Impasse / BOE
S270	36	A	30	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S270	36	B	50	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
S270	37	A	20	10YR 2/1 Black	Loam	30% Gravel	NCM	
S270	37	B	40	10YR 4/6 Dark Yellowish Brown	Sandy Loam	20% Gravel	NCM	BOE
S270	38	A	10	10YR 2/1 Black	Sandy Loam		NCM	Stump Impasse / BOE
S270	39	A	25	10YR 3/2 Very Dark Grayish Brown	N		NCM	
S270	39	B	51	10YR 6/1 Gray	Sandy Clay		NCM	BOE
S270	40	A	25	10YR 3/3 Dark Brown	Silt Loam	10-20% Gravel, Some Rocks	NCM	
S270	40	B	46	10YR 4/6 Dark Yellowish Brown	Sandy Clay Loam	30-35% Gravel, Some Rock	NCM	BOE
S271	1	A	13	10YR 3/3 Dark Brown	Silt Loam	<5% Rocks and Gravel	NCM	Tree Root Impasse / BOE
S271	2	A	22	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	15% Gravel	NCM	
S271	2	B	44	10YR 3/6 Dark Yellowish Brown	Sandy Clay Loam	25% Gravel	NCM	BOE
S271	3	A	24	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
S337	1A	A	30	10YR 2/2 Very Dark Brown	Silt Loam		NCM	
S337	1A	B	50	10YR 4/6 Dark Yellowish Brown	Sandy Silt		NCM	BOE
S337	2A	A	23	10YR 2/1 Black	Silt Loam		NCM	
S337	2A	B	47	10YR 5/6 Yellowish Brown	Sandy Clay Loam		NCM	BOE

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S337	3A	A		10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
S337	3A	B		10YR 5/6 Yellowish Brown	Sandy Loam		NCM	BOE
S337	4A	A	28	10YR 3/3 Dark Brown	Sandy Loam	<2% Rocks and Gravel	NCM	
S337	4A	B	50	10YR 6/3 Pale Brown	Fine Sand	<1% Rocks and Gravel	NCM	BOE
S337	5A	A	38	10YR 3/3 Dark Brown	Sandy Loam	<2% Rocks and Gravel	NCM	
S337	5A	B	58	10YR 6/3 Pale Brown	Fine Sand	<1% Rocks and Gravel	NCM	BOE
S337	6A	A	24	10YR 2/1 Black	Silt Loam		NCM	
S337	6A	B	44	10YR 5/6 Yellowish Brown	Sandy Clay Loam		NCM	BOE
S337	7A	A	40	10YR 2/1 Black	Sandy Clay Loam		NCM	
S337	7A	B	52	GLEY 1 5G 4/1 Dark Greenish Gray with FEO2	Hydric Sandy Clay		NCM	BOE
S392	1A	A	43	10YR 3/3 Dark Brown	Silt Loam	20% Rocks and Gravel	NCM	Rock Impasse / BOE
S392	2A	A	34	10YR 3/3 Dark Brown	Silt Loam	20% Rocks and Gravel	NCM	Rock Impasse / BOE
S392	3A	A	38	10YR 3/3 Dark Brown	Silt Loam	Rocks	NCM	Rock Impasse / BOE
S392	4A	A	18	10YR 2/2 Very Dark Brown	Silt Loam	20% Gravel	NCM	Rock Impasse / BOE
S392	5A	A	3	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	Rock Impasse / BOE
S392	6A	A	28	10YR 2/2 Very Dark Brown	Silt Loam	20% Gravel	NCM	Rock Impasse / BOE
S392	7A	A	32	10YR 3/3 Dark Brown	Silt Loam	Rocks	NCM	Rock Impasse / BOE
S392	8A	A	10	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	Rock Impasse / BOE
S392	9A	A	30	10YR 3/3 Dark Brown	Silt Loam	20% Gravel	NCM	Rock Impasse / BOE
S414	1B	A	18	10YR 4/2 Dark Grayish Brown	Sandy Loam	10% Pebbles		Discarded modern bottle glass, modern brick
S414	1B	B	28	10YR 4/3 Brown	Sandy Loam	10% Pebbles	N=8: 5 ceramic, 2 square nails, 1 pig tooth	Discarded plastic, brick fragment
S414	1B	C	60	10YR 4/6 Dark Yellowish Brown mixed with 10YR 5/6 Yellowish Brown and 10YR 5/4 Yellowish Brown	Sand	20% pebbles	NCM	BOE
S414	2B	A	14	10YR 5/2 Grayish Brown	Sand	10% Pebbles		Discarded nail, modern ceramics, modern metal
S414	2B	B	48	10YR 5/8 Yellowish Brown	Sandy Loam	50% Pebbles	NCM	BOE
S414	3B	A	18	10YR 5/3 Brown	Sand		NCM	
S414	3B	B	61	10YR 5/8 Yellowish Brown	Sand			Discarded brick, modern glass

Structure	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
S414	4B	A	13	10YR 4/2 Dark Grayish Brown	Sandy Loam	10% Pebbles		Discarded brick fragments
S414	4B	B	20	10YR 4/4 Dark Yellowish Brown	Sand	10% Pebbles	NCM	
S414	4B	C	48	10YR 5/6 Yellowish Brown	Coarse Sand	50% cobbles and gravel	NCM	BOE
S414	1B 2.5E	A	29	10YR 3/3 Dark Brown	Sandy Loam		NCM	
S414	1B 2.5E	B	50	10YR 5/6 Yellowish Brown	Sandy Loam		NCM	BOE
S414	1B 5E	A	28	10YR 3/3 Dark Brown	Sandy Loam	5% Gravel	H:N=12 - Ceramics, glass, square nails, bone fragments	Discarded wire nails, modern window glass
S414	1B 5E	B	57	10YR 5/6 Yellowish Brown	Sandy Loam	10% Gravel		BOE
S414	1B 5S	A	21	10YR 3/3 Dark Brown	Sandy Loam	5% Gravel	H:N=5 4 Square nails, 1 ceramic sherd	
S414	1B 5S	B	43	10YR 5/6 Yellowish Brown	Sandy Loam	10% Gravel		BOE

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR1	**1**	A	36	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**1**	B	48	10YR 5/6 Yellowish Brown	Silt		NCM		
AR1	**2**	A	16	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**2**	B	36	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	BOE	
AR1	**3**	A	18	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**3**	B	31	10YR 5/2 Gray Brown	Silt		NCM	BOE; Mottled with 10YR 4/1 Dark Gray and 10YR 6/1 Light Gray; FeO2	
AR1	**4**	A	12	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**4**	B	25	10YR 5/6 Yellowish Brown	Silt		NCM		
AR1	**5**	A	19	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**5**	B	39	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	BOE	
AR1	**6**	A	16	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR1	**6**	B	27	10YR 5/3 Brown	Silt	0-2% pebbles	NCM	BOE	
AR1	**7**	A	14	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**7**	B	30	10YR 5/6 Yellowish Brown	Silt		NCM		
AR1	**8**	A	19	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**8**	B	39	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	BOE	
AR1	**9**	A	22	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**9**	B	32	10YR 5/2 Gray Brown	Silt		NCM	BOE; Mottled with 10YR 5/1 Gray and 10YR 5/3 Brown; FeO2	
AR1	**10**	A	18	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**10**	B	30	10YR 5/6 Yellowish Brown	Silt		NCM		
AR1	**11**	A	16	10YR 3/3 Dark Brown	Silt loam		NCM		
AR1	**11**	B	36	10YR 4/4 Dark Yellow Brown	Silty clay loam		NCM	BOE	
AR1	**12**							No dig - pole	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR1	**13**	A	24	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**13**	B	33	10YR 5/6 Yellowish Brown	Silt		NCM		
AR1	**14**	A	36	10YR 4/3 Brown	Silty clay loam		NCM		
AR1	**14**	B	48	10YR 5/4 Yellow Brown	Silty clay		NCM	BOE	
AR1	**15**	A	18	10YR 4/2 Dark Gray Brown	Silty Clay Loam		NCM		
AR1	**15**	B	30	10YR 5/2 Gray Brown	Silt		NCM	BOE	
AR1	**16**							Access Road Write Off	
AR1	**17**							Access Road Write Off	
AR1	**18**							Access Road Write Off	
AR1	**19**	A	22	10YR 3/3 Dark Brown	Silty Clay Loam	25% rocks (decay)	NCM		
AR1	**19**	B	32	10YR 5/3 Brown	Sandy Clay Loam		NCM	BOE	
AR1	**20**	A	9	10YR 3/3 Dark Brown	Silt loam	2-5% pebbles	NCM		
AR1	**20**	B	19	10YR 5/1 Gray	Silt		NCM	BOE	
AR1	**21**	A	10	10YR 4/3 Brown	Silty Clay Loam		NCM	Landscaping fabric covering gravel, highly disturbed	
AR1	**22**	A	31	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR1	**22**	B	44	10YR 5/6 Yellowish Brown	Silt		NCM		
AR10	**1**	A	17	10yr 3/2 (very dark grayish brown)	Silty Sand	1% gravel	NCM		
AR10	**1**	B	30	10yr 6/6 (brownish yellow)	Silty Sand	1% gravel	NCM		
AR10	**2**	A	18	10yr 3/2 (very dark grayish brown)	Silty Sandy Loam		NCM		
AR10	**2**	B	30	10yr 5/3 (brown)	Sand		NCM	FeO2	
AR10	**3**	A	13	10yr 3/2 (very dark grayish brown)	Silt loam		NCM		
AR10	**3**	B	29	10yr 4/6 (dark yellowish brown)	Silt		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR10	**3**	C	34	5y 6/6 (olive yellow)	Silt		NCM		
AR10	**3**	D	45	10yr 6/1 (gray)	Silt		NCM		
AR10	**4**						NCM	Drainage ditch write-off	
AR10	**5**	A	17	10yr 4/3 (brown)	Silt loam		NCM	FeO2	
AR10	**5**	B	24	10yr 6/1 (gray)	Clay Loam		NCM	FeO2	
AR10	**6**	A	15	10yr 4/3 (brown)	Silty Sandy Loam		NCM		
AR10	**6**	B	35	10yr 5/3 (brown)	Silt loamy Sand		NCM		
AR10	**6**	C	53	10yr 5/1 (gray)	Silt		NCM	FeO2	
AR11	**1**	A	33	10yr 4/2 (dark grayish brown)	Silty Sandy Loam	30-40% rock	Modern glass discard	Rock impasse, on access road	
AR11	**2**	A	18	10yr 4/3 (brown)	Sandy Loam	20% rock	Modern glass discard	Rock impasse	
AR11	**3**	A	8	10yr 4/3 (brown)	Sandy Loam	20% rock	NCM	Rock impasse	
AR11	**4**	A	31	10yr 4/3 (brown)	Sandy Loam	20% rock	NCM	Rock impasse	
AR11	**5**	A	25	10yr 4/3 (brown)	Silt loam	20% gravel	NCM		
AR11	**5**	B	39	10yr 4/6 (dark yellowish brown)	Silt loam	20% gravel	NCM		
AR11	**6**	A	30	10yr 4/3 (brown)	Sandy Loam	20% rock	NCM	Rock impasse	
AR11	**6**	A	38	10yr 3/2 (very dark grayish brown)	Sandy Loam	25-35% gravel and rock	NCM	Gravel and rock impasse, possibly fill	
AR11	**7**	A	35	10yr 4/2 (dark grayish brown)	Sandy Loam	30-40% gravel	NCM		
AR11	**7**	B	46	10yr 4/6 (dark yellowish brown)	Coarse Sand	30-40% gravel	NCM		
AR11	**8**	A	43	10yr 3/2 (very dark grayish brown)	Sandy Loam	25% gravel	NCM		
AR11	**8**	B	55	10yr 4/4 (dark yellowish brown)	Loamy Sand	10% rock	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR11	**9**	A	23	10yr 4/3 (brown)	Sandy Loam	20% rock	NCM	Root rock impasse	
AR11	**11**	A	28	10yr 3/2 (very dark grayish brown)	Sandy Loam		NCM		
AR11	**11**	B	44	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR12	**1**	A	20	10YR 4/2 Dark Gray Brown	Silty Clay Loam	5% pebbles	NCM		
AR12	**1**	B	30	10YR 5/2 Gray Brown	Silty Clay	5% pebbles	NCM	BOE	
AR12	**2**	A	15	10YR 4/2 Dark Greyish Brown	Silty Clay	10% Rocks	NCM		
AR12	**2**	B	20	10YR 5/3 Brown	Sandy Clay Loam		NCM		
AR12	**2**	C	32	10YR 6/1 Grey	Clay		NCM	Oxidation	
AR12	**3**	A	15	10YR 4/2 Dark Gray Brown	Silty Clay Loam	5% pebbles	NCM		
AR12	**3**	B	28	10YR 5/2 Gray Brown	Silty Clay	5% pebbles	NCM	BOE; FeO2	
AR12	**4**	A	6	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR12	**4**	B	15	10YR 5/3 Brown	Silty Clay		NCM	BOE; FeO2	
AR12	**5**	A	9	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR12	**5**	B	22	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2	
AR12	**6**	A	16	10YR 4/2 Dark Gray Brown	Silty Clay	1% Gravel	NCM	Cornfield, Compact Soil	
AR12	**6**	B	31	10YR 5/6 Yellow Brown	Clay	1% Gravel	NCM	Cornfield, Compact Soil	
AR12	**7**	A	20	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		
AR12	**7**	B	30	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**8**	A	17	10YR 4/2 Dark Gray Brown	Silty Clay Loam	5% pebbles	NCM		
AR12	**8**	B	28	10YR 5/2 Gray Brown	Silty Clay	5% pebbles	NCM	BOE	
AR12	**9**	A	18	10YR 4/3 Brown	Silty Clay	30% rock	NCM	Rock Impasse	
AR12	**10**	A	10	10YR 5/3 Brown	Silt loam	1% Gravel	NCM	Cornfield, Compact Soil	
AR12	**10**	B	26	10YR 5/6 Yellow Brown	Silty Clay Loam	1% Gravel	NCM	Cornfield, Compact Soil	
AR12	**11**	A	14	10YR 4/2 Dark Gray Brown	Silty Clay	1% Gravel	NCM	Cornfield, Compact Soil	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR12	**11**	B	29	10YR 5/6 Yellow Brown	Clay	1% Gravel	NCM	Cornfield, Compact Soil	
AR12	**12**	A	7	10YR 3/3 Dark Brown	Silty Clay	10% Rocks	NCM		
AR12	**12**	B	20	10YR 6/1 Grey	Clay		NCM		
AR12	**13**	A	9	10YR 3/2 Very Dark Grayish Brown	Clay Loam	10% rock	NCM		
AR12	**13**	B	20	10YR 5/2 Grayish Brown	Silty Clay	10%rock	NCM	BOE; FeO2	
AR12	**14**	A	15	10YR 4/2 Dark Gray Brown	Silty Clay Loam	5% pebbles	NCM		
AR12	**14**	B	27	10YR 5/3 Brown	Silt	15-20% pebbles	NCM	BOE	
AR12	**15**	A	8	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM	Rock Impasse	
AR12	**16**	A	10	10YR 4/3 Brown	Silt loam	15-20% pebbles	NCM		
AR12	**16**	B	25	10YR 5/4 Yellowish Brown	Silt	15-20% pebbles	NCM		
AR12	**16**	C	35	2.5YR 4/4 Olive Brown	Compact Fine Silt	5-10% pebbles	NCM	BOE	
AR12	**17**	A	12	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR12	**17**	B	25	10YR 5/3 Brown	Silty Clay		NCM	BOE; FeO2	
AR12	**18**	A	11	10YR 3/2 Very Dark Grayish Brown	Clay Loam	20% rock	NCM		
AR12	**18**	B	23	10YR 5/2 Grayish Brown	Silty Clay	20% rock	NCM	BOE	
AR12	**19**	A	21	10YR 4/2 Dark Grayish Brown	Silty clay	5-6% rock and gravel	NCM		
AR12	**19**	B	31	2.5Y 6/2 Light Grayish Brown	Clay	2% rock and gravel	NCM	BOE; FeO2	
AR12	**20**	A	23	10YR 5/2 Grayish Brown	Silty clay	5% rock and gravel	NCM		
AR12	**20**	B	33	10YR 5/1 Gray	Clay (Compact)	2% rock and gravel	NCM	BOE	
AR12	**21**	A	8	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		
AR12	**21**	B	19	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**22**	A	15	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		
AR12	**22**	B	27	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**23**	A	6	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR12	**23**	B	16	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**24**	A	22	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		
AR12	**24**	B	33	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**25**	A	20	10YR 4/2 Dark Grayish Brown	Silty clay	<3% rock and gravel	NCM		
AR12	**25**	B	30	2.5Y 6/2 Light Grayish Brown	Clay	<4% rock and gravel	NCM	BOE; FeO2; Hydric	
AR12	**26**	A	23	10YR 4/2 Dark Gray Brown	Silt loam	20-30% pebbles	NCM		
AR12	**26**	B	34	10YR 5/2 Gray Brown	Compact Silt	15-20% pebbles	NCM	BOE	
AR12	**27**	A	20	10YR 4/3 Brown	Silty Clay Loam	15% gravel	NCM	Rock Impasse	
AR12	**28**	A	25	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR12	**28**	B	38	10YR 5/4 Yellowish Brown	Compact Silt		NCM	BOE	
AR12	**29**	A	21	10YR 4/3 Brown	Silty Clay Loam	10% rock	NCM	Rock Impasse	
AR12	**30**	A	19	10YR 5/3 Brown	Silt loam	10% Rocks and Gravel	NCM		
AR12	**30**	B	28	2.5Y 6/6 Olive Yellow	Silt	20% Shale and Gravel	NCM	Shale/Rock Impasse	
AR12	**31**	A	25	10YR 4/2 Dark Gray Brown	Silt loam	20-30% pebbles	NCM		
AR12	**31**	B	36	10YR 5/3 Brown	Silt	15-20% pebbles	NCM	BOE	
AR12	**32**	A	16	10YR 5/3 Brown	Silt loam	5% Rocks and Gravel	NCM		
AR12	**32**	B	35	10YR 4/1 Dark Grey	Silty clay	10% Rocks and Gravel	NCM	Oxidation	
AR12	**33**	A	15	10YR 4/3 Brown	Silt loam		NCM		
AR12	**33**	B	28	10YR 5/3 Brown	Silt		NCM		
AR12	**34**	A	20	10YR 5/3 Brown	Silt loam	5% Rocks and Gravel	NCM		
AR12	**34**	B	32	10YR 4/1 Dark Grey	Silty clay	10% Rocks and Gravel	NCM		
AR12	**35**	A	25	10YR 5/3 Brown	Silt loam	5% Rocks and Gravel	NCM	Rock Impasse	
AR13	**1**	A	23	10yr 5/2 (grayish brown)	Silt loam	10% rock and gravel	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR13	**1**	B	33	10yr 5/6 (yellowish brown)	Silt	20% gravel	NCM		
AR13	**2**						NCM	Surface rock impasse	
AR13	**3**	A	21	10YR 4/2 Dark Gray Brown	Silty Clay Loam	10% Gravel	NCM		
AR13	**3**	B	35	10YR 5/3 Brown	Clay Sand	10% Gravel	NCM		
AR13	**4**	A	25	10YR 4/2 Dark Gray Brown	Silty Clay Loam	10% Gravel	NCM		
AR13	**4**	B	30	10YR 5/3 Brown	Silty Clay		NCM	Wet,Water Impasse	
AR13	**5**	A	19	10yr 4/2 (dark grayish brown)	Silt loam	2% rock and gravel	NCM		
AR13	**5**	B	40	10yr 5/4 (yellowish brown)	Clay loam	1% rock and gravel	NCM		
AR13	**6**	A	11	10yr 4/3 (brown)	Silt loam	30% rock	NCM		
AR13	**6**	B	23	10yr 5/2 (grayish brown)	Silt	30% rock	NCM		
AR13	**7**						NCM	Surface rock impasse	
AR13	**8**	A	17	10YR 4/2 Dark Gray Brown	Silty Clay Loam	10% Gravel	NCM		
AR13	**8**	B	27	10YR 5/3 Brown	Silty Clay		NCM		
AR13	**9**	A	30	10yr 3/1 (very dark gray)	Silty Clay Loam	2% rock and gravel	NCM		
AR13	**9**	B	40	10yr 6/3 (pale brown)	Sandy Clay	1% rock and gravel	NCM	FeO2, inundated	
AR13	**10**	A	15	10yr 4/2 (dark grayish brown)	Silt loam	1% rock and gravel	NCM		
AR13	**10**	B	27	10yr 4/1 (dark gray)	Silty Clay	1% rock and gravel	NCM		
AR13	**10**	C	39	10yr 5/1 (gray)	Clay	1% rock and gravel	NCM	FeO2, hydric	
AR13	**11**	A	20	10yr 4/2 (dark grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR13	**11**	B	36	10yr 5/2 (grayish brown)	Clay	1% rock and gravel	NCM	FeO2, hydric	
AR13	**12**	A	24	10YR 4/2 Dark Gray Brown	Silty Clay Loam	10% Gravel	NCM		
AR13	**12**	B	38	10YR 5/1 Gray	Silty Clay		NCM	FeO2	
AR13	**13**	A	27	10YR 4/2 Dark Gray Brown	Silty Clay Loam	10% Gravel	NCM		
AR13	**13**	B	37	10YR 5/1 Gray	Silty Clay	10% Gravel	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR13	**14**	A	29	10YR 4/2 Dark Gray Brown	Silty Clay Loam	no rocks	NCM		
AR13	**14**	B	40	10YR 5/1 Gray	Silty Clay	no rocks	NCM	Strong Oxidation	
AR13	**16**	A	22	10YR 4/2 Dark Gray Brown	Silty Clay Loam	no rocks	NCM		
AR13	**16**	B	44	10YR 5/1 Gray	Silty Clay	no rocks	NCM		
AR13	**19**	A	26	10yr 4/2 (dark grayish brown)	Silt loam	1% rock and gravel	NCM		
AR13	**19**	B	38	10yr 6/3 (pale brown)	Loamy Sand	1% rock and gravel	NCM	FeO2	
AR13	**20**	A	29	10yr 4/2 (dark grayish brown)	Silt loam	1% rock and gravel	NCM		
AR13	**20**	B	40	10yr 6/3 (pale brown)	Loamy Sand	1% rock and gravel	NCM	FeO2	
AR13	**21**	A	34	10yr 4/2 (dark grayish brown)	Silt loam	1% rock and gravel	NCM		
AR13	**21**	B	45	10yr 6/3 (pale brown)	Loamy Sand	1% rock and gravel	NCM	FeO2	
AR13	**22**	A	27	10YR 4/2 Dark Greyish Brown	Silt loam		NCM		
AR13	**22**	B	37	10YR 5/2 Greyish Brown	Silty Clay		NCM		
AR13	**23**	A	48	10YR 4/2 Dark Greyish Brown	Silt loam		NCM		
AR13	**23**	B	63	10YR 5/2 Greyish Brown	Silty clay	5% Rocks	NCM		
AR13	**24**	A	14	10YR 4/2 Dark Greyish Brown	Silt loam	10% Pebbles	NCM		
AR13	**24**	B	18	10YR 5/3 Brown	Silt		NCM		
AR13	**24**	C	36	10YR 4/2 Dark Greyish Brown	Silt loam	10-20% Pebbles	NCM		
AR13	**24**	D	46	10YR 5/2 Greyish Brown	Compact Silty clay	5-10% Pebbles	NCM	Oxidation	
AR13	**25**	A	24	10YR 4/2 Dark Greyish Brown	Silt loam		NCM		
AR13	**26**	A	27	10YR 4/2 Dark Greyish Brown	Silt loam	10% Rocks and Gravel	NCM		
AR13	**26**	B	40	10YR 5/2 Greyish Brown	Silty Clay	10% Rocks and Gravel	NCM		
AR13	**27**	A	28	10YR 4/2 Dark Greyish Brown	Silt loam	10% Rocks and Gravel	NCM		
AR13	**27**	B	41	10YR 5/2 Greyish Brown	Silty Clay	10% Rocks and Gravel	NCM		
AR14	**2**	A	8	10YR 2/2 Very Dark Brown	Loam		NCM	Boulder Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR14	**3**	A	12	10YR 2/2 Very Dark Brown	Loam		NCM	Boulder Impasse	
AR14	**4**	A	7	10YR 2/2 Very Dark Brown	Loam		NCM	Rock Impasse	
AR14	**5**							No Dig; Surface Bedrock	
AR14	**6**	A	10	10yr 2/2 (very dark brown)	Silt loam	40% rock	NCM	Rock impasse	
AR14	**7**	A	16	10yr 2/2 (very dark brown)	Silt loam	55% rock	NCM	Rock impasse	
AR14	**8**	A	25	10yr 4/3 (brown)	Silt loam	35% rock	NCM		
AR14	**8**	B	35	10yr 5/6 (yellowish brown)	Silt	35% rock	NCM		
AR14	**9**	A	8	10yr 3/3 (dark brown)	Loam	50% rock	NCM	Rock impasse	
AR14	**10**	A	8	10yr 2/2 (very dark brown)	Silt loam	40% rock	NCM	Rock impasse	
AR14	**11**	A	6	10yr 4/3 (brown)	Silt loam	35% rock	NCM		
AR14	**11**	B	13	10yr 5/6 (yellowish brown)	Silt	35% rock	NCM		
AR14	**12**	A	12	10yr 4/3 (brown)	Silt loam	40% rock	NCM	Rock impasse	
AR14	**13**	A	17	10YR 2/2 Very Dark Brown	Loam	40% rock	NCM	Rock Impasse	
AR14	**1**	A	5	10YR 2/2 Very Dark Brown	Loam		NCM	Bouler Impasse	
AR14	**14**							No Dig; Surface Rock	
AR14	**15**							No Dig; Surface Rock	
AR14	**16**	A	20	10YR 2/2 Very Dark Brown	Silt loam	40% rock	NCM	Rock Impasse	
AR14	**17**	A	4	10YR 2/2 Very Dark Brown	Loam		NCM	Rock Impasse	
AR14	**18**	A	5	10YR 2/2 Very Dark Brown	Loam		NCM	Rock Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR14	**19**							No Dig; Surface Rock	
AR14	**20**	A	12	10yr 4/3 (brown)	Silt loam	40% rock	NCM	Rock impasse	
AR15	**1**	A	23	10yr 5/2 (grayish brown)	Silt	35% rock	NCM	Rock and gravel impasse	
AR15	**2**	A	20	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM	Rock impasse	
AR15	**3**	A	15	10YR 4/2 Dark Gray Brown	Silt loam	15% rocks and gravel	NCM	Rock Impasse	
AR15	**4**	A	15	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM	Rock impasse	
AR15	**5**	A	22	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM	Rock impasse	
AR15	**7**	A	19	10yr 4/3 (brown)	Silt loam	25% rock	NCM	Rock impasse	
AR15	**8**	A	15	10yr 4/3 (brown)	Silt loam	25% rock	NCM	Rock impasse	
AR15	**8**	A	13	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM	Rock impasse	
AR15	**9**	A	17	10YR 4/2 Dark Gray Brown	Silt loam	15% rocks and gravel	NCM	Rock Impasse	
AR15	**10**	A	16	10yr 5/2 (grayish brown)	Silt	35% rock	NCM	Rock and gravel impasse	
AR15	**11**	A	17	10YR 4/2 Dark Gray Brown	Silt loam	20% rocks and gravel	NCM	Rock Impasse	
AR15	**12**	A	16	10YR 4/3 Brown	Loam	15% rocks	NCM	Rock Impasse	
AR15	**13**	A	12	10YR 4/3 Brown	Loam	18% rocks	NCM	Rock Impasse	
AR15	**14**	A	18	10YR 4/3 Brown	Loam	20% rocks	NCM	Rock Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR15	**15**	A	23	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM	Rock impasse	
AR15	**16**	A	15	10yr 5/2 (grayish brown)	Silt	35% rock	NCM	Rock and gravel impasse	
AR15	**17**	A	20	10YR 5/4 Yellowish Brown	Silt loam	40% rocks and gravel	NCM	Rock Impasse; offset by barbed wire	
AR15	**18**	A	18	10yr 4/3 (brown)	Silt loam	30-40% rock and gravel	NCM		
AR15	**18**	B	24	10yr 5/4 (yellowish brown)	Sandy Silt	30-40% rock and gravel	NCM	Rock impasse	
AR15	**19**	A	20	10yr 4/2 (dark grayish brown)	Silt loam	30-40% rock	NCM		
AR15	**19**	B	25	10yr 5/4 (yellowish brown)	Silty Sand	30-40% rock	NCM	Rock impasse	
AR15	**20**	A	16	10yr 4/3 (brown)	Silt loam	40% rock and gravel	NCM	Rock impasse	
AR15	**21**	A	21	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM	Rock Impasse	
AR15	**22**	A	15	10yr 4/2 (dark grayish brown)	Silt loam	30-40% rock	NCM		
AR15	**22**	B	21	10yr 5/2 (grayish brown)	Silty Sand	30-40% rock	NCM	Rock impasse	
AR15	**23**	A	19	10yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM		
AR15	**23**	B	29	10yr 6/1 (gray)	Silty Clay		NCM	FeO2	
AR15	**24**	A	18	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM		
AR15	**24**	B	28	10YR 5/2 Grayish Brown	Silt loam Clay	10% rocks and gravel	NCM	BOE; Rocks at Bottom	
AR15	**25**	A	8	10yr 4/3 (brown)	Silt loam	40% rock and gravel	NCM	Rock impasse	
AR15	**26**	A	6	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR15	**26**	B	20	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2	
AR15	**27**	A	17	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM		
AR15	**27**	B	26	10YR 5/2 Grayish Brown	Silt loam Clay	10% rocks and gravel	NCM	Rock Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR15	**28**	A	31	10yr 5/2 (grayish brown)	Silt	3% rock and gravel	NCM		
AR15	**28**	B	41	10yr 7/1 (light gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR15	**29**	A	15	10yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM		
AR15	**29**	B	25	10yr 6/1 (gray)	Silty Clay		NCM	FeO2	
AR15	**30**	A	25	10yr 4/2 (dark grayish brown)	Silty Clay Loam	10-15% rock	NCM		
AR15	**30**	B	36	10yr 5/2 (grayish brown)	Silty Sand	5% rock	NCM		
AR15	**31**	A	10	10yr 3/3 (dark brown)	Silt loam	30% rock	NCM	Rock impasse	
AR15	**32**	A	15	10YR 5/3 Brown	Silt loam	15% rocks and gravel	NCM	Rock Impasse	
AR15	**33**	A	18	10yr 5/3 (brown)	Silt	35% rock and gravel	NCM	Gravel impasse	
AR15	**34**	A	23	10yr 4/2 (dark grayish brown)	Silt loam	30-40% rock	NCM		
AR15	**34**	B	27	10yr 5/4 (yellowish brown)	Silty Sand	30-40% rock	NCM	Rock impasse	
AR15	**35**	A	18	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock	NCM	Rock impasse	
AR15	**36**	A	14	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM		
AR15	**36**	B	24	10YR 5/2 Grayish Brown	Silty Clay Loam	15% rocks and gravel	NCM	BOE; Rocks at Bottom; FeO2	
AR15	**37**	A	23	10yr 5/3 (brown)	Silt	35% rock and gravel	NCM	Gravel impasse	
AR15	**38**	A	15	10yr 4/3 (brown)	Silt loam	30% rock and gravel	NCM	Rock impasse	
AR15	**39**	A	5	10yr 4/3 (brown)	Sandy Loam		NCM	Rock impasse	
AR15	**40**	A	5	10yr 3/3 (dark brown)	Silt loam	40% rock	NCM	Rock impasse	
AR15	**41**	A	16	10yr 5/3 (brown)	Silt		Modern plastic discard		
AR15	**41**	B	29	10yr 4/3 (brown)	Sandy Silt		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR15	**42**	A	8	10yr 4/3 (brown)	Sandy Loam		NCM	Rock impasse	
AR15	**43**	A	20	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM	Rock Impasse	
AR15	**44**	A	25	10yr 4/3 (brown)	Silt loam	5% rock	NCM		
AR15	**44**	B	30	10yr 4/3 (brown)	Silt loam	40% gravel	NCM	Gravel impasse	
AR15	**45**	A	19	10yr 4/2 (dark grayish brown)	Silt loam	30-40% rock	NCM	Rock impasse	
AR15	**46**	A	19	10yr 5/3 (brown)	Silt	35% rock and gravel	NCM	Gravel impasse	
AR15	**47**	A	28	10yr 5/3 (brown)	Silt	35% rock and gravel	NCM	Gravel impasse	
AR15	**48**	A	15	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock	NCM		
AR15	**48**	B	30	10yr 4/1 (dark gray)	Sandy Clay	30% rock	NCM	FeO2	
AR15	**49**	A	11	10yr 4/3 (brown)	Sandy Loam		NCM	Rock impasse	
AR15	**50**	A	15	10YR 5/3 Brown	Silt loam	10% rocks and gravel	NCM		
AR15	**50**	B	26	10YR 5/2 Grayish Brown	Silty Clay Loam	15% rocks and gravel	NCM	BOE; Rocks at Bottom; FeO2	
AR15	**51**	A	10	10yr 4/2 (dark grayish brown)	Silty Clay Loam	10-15% rock	NCM		
AR15	**52**	A	5	10yr 4/3 (brown)	Sandy Loam		NCM	Rock impasse	
AR15	**51**	B	18	10yr 5/3 (brown)	Sandy Silt	30-40% rock	NCM	Rock impasse	
AR15	**53**	A	23	10yr 5/2 (grayish brown)	Silt	3% rock and gravel	NCM		
AR15	**53**	B	33	10yr 7/1 (light gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR15	**54**	A	17	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock	NCM	Rock impasse	
AR15	**55**	A	17	10YR 5/3 Brown	Silt loam	15% rocks and gravel	NCM	Rock Impasse	
AR15	**56**	A	21	10yr 5/2 (grayish brown)	Silt	3% rock and gravel	NCM		
AR15	**56**	B	32	10yr 7/1 (light gray)	Silty Clay	1% rock and gravel	NCM	FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR15	**57**	A	21	10yr 3/2 (very dark grayish brown)	Silty Clay Loam	10% rock	NCM		
AR15	**57**	B	31	2.5y 5/3 (light olive brown)	Silty clay	20-30% rock	NCM	FeO2	
AR15	**58**	A	20	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock	NCM		
AR15	**58**	B	30	10yr 4/1 (dark gray)	Sandy Clay	30% gravel	NCM		
AR16	**1**	A	33	10yr 4/1 (dark gray)	Silty Clay Loam	2% rock	NCM		
AR16	**1**	B	39	2.5Y 4/2 (dark grayish brown)	Silty clay		NCM		
AR16	**1**	C	49	2.5y 5/3 (light olive brown)	Silty Sand		NCM	Saturated, pooling water; FeO2	
AR16	**2**	A	29	10yr 3/1 (very dark gray)	Silty Clay Loam	5% rock	NCM		
AR16	**2**	B	45	10yr 5/1 (gray)	Sandy Clay		NCM		
AR16	**3**	A	20	10yr 3/1 (very dark gray)	Silty Clay Loam		NCM	Saturated	
AR16	**3**	B	30	2.5Y 4/2 (dark grayish brown)	Silty clay		NCM	Saturated; pooling water	
AR16	**4**	A	39	10yr 3/2 (very dark grayish brown)	Silty Clay Loam		NCM	Wet	
AR16	**4**	B	50	10yr 5/4 (yellowish brown)	Sandy Clay		NCM	Wet	
AR16	**5**	A	37	10yr 3/1 (very dark gray)	Silty Clay Loam		NCM		
AR16	**5**	B	51	2.5y 5/3 (light olive brown)	Silty Sand		NCM	Saturated, pooling water; FeO2	
AR16	**6**	A	27	10YR 3/1 Very Dark Gray	Si-cl-lo	<15%	NCM		
AR16	**6**	B	39	10YR 5/4 Yellow Brown FEO2	Si-Cl	<10%	NCM	BOE	
AR16	**7**	A	5	10YR 4/3 Brown	Si-cl-lo		NCM	Root Impasse	
AR16	**8**	A	25	10yr 5/2 (grayish brown)	Silt loam	20% rock	NCM		
AR16	**8**	B	38	10yr 5/4 (yellowish brown)	Silt	20-30% rock	NCM		
AR17	**1**	A	25	10YR 4/2 Dark Gray Brown Feo2	Silt loam		NCM	HYDRIC	
AR17	**1**	B	42	10YR 6/1 Gray Brown Feo2	Clay		NCM	BOE	
AR17	**2**	A	18	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR17	**2**	B	36	10YR 5/2 Greyish Brown	Silty Clay Sand		NCM	FeO2	
AR17	3	A	30	10yr 2/2 (very dark brown)	Silt loam	2% gravel			
AR17	3	B	37	2.5y 4/3 (olive brown)	Fine Sand			FeO2	
AR17	3	C	49	10yr 5/1 (gray)	Silty Clay			FeO2	
AR17	**4**	A	28	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR17	**4**	B	40	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE	
AR17	**6**	A	30	10YR Dark Gray Brown Feo2	Silt loam		NCM	HYDRIC	
AR17	**6**	B	46	10YR 6/1 Gray Brown Feo2	Clay		NCM	BOE	
AR17	7	A	29	10yr 2/2 (very dark brown)	Silt loam	2% gravel			
AR17	7	B	39	10yr 5/1 (gray) with 2.5y 4/3 (olive brown) sand	Silty Clay			FeO2	
AR17	**8**	A	35	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR17	**8**	B	50	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE	
AR17	**9**	A	17	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM		
AR17	**9**	B	37	10YR 5/2 Greyish Brown	Silty Clay Sand		NCM	FeO2	
AR17	**10**	A	30	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR17	**10**	B	44	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE	
AR17	11	A	29	10yr 4/2 (dark grayish brown)	Silt loam	2% gravel			
AR17	11	B	43	2.5y 4/3 (olive brown)	Fine Sand	2% rock			
AR17	11	C	52	10yr 5/1 (gray)	Silty clay	2% rock		FeO2	
AR17	**12**	A	28	10YR4/2 Dark Gray Brown Feo2	Sa-Lo	<10%	NCM	HYDRIC	
AR17	**12**	B	40	10YR 6/3 Pale Brown mottled 10YR5/6 Yellowish Brown Feo2	Clay	<10%	NCM	BOE	
AR17	**13**	A	25	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR17	**13**	B	40	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE	
AR17	**14**	A	20	10YR 3/2 Very Dark Greyish Brown	Silt loam		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR17	**14**	B	36	10YR 5/2 Greyish Brown	Silty Clay Sand		NCM		
AR17	**16**	A	26	10YR 4/2 Dark Grayish Brown	Silty Clay Loam		NCM		
AR17	**16**	B	39	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE	
AR17	17	A	28	10yr 4/2 (dark grayish brown)	Silt loam	2% gravel			
AR17	17	B	33	2.5y 4/3 (olive brown)	Fine Sand	2% rock			
AR17	17	C	45	10yr 5/1 (gray)	Silty clay	2% rock		FeO2	
AR17	**18**	A	28	10YR4/2 Dark Gray Brown Feo2	Silt loam		NCM	HYDRIC	
AR17	**18**	B	38	10YR 6/1 Gray Brown Feo2	Clay		NCM	BOE	
AR18	**1**	A	0				NCM	NO DIG BEDROCK	
AR18	**2**	A	0				NCM	NO DIG BEDROCK	
AR18	**3**	A	25	10YR 5/2 Gray Brown	Silt		NCM	Bedrock Impasse	
AR18	**4**	A	11	10YR 5/2 Gray Brown	Silt		NCM	Bedrock Impasse	
AR18	**5**	A	26	10YR 5/2 Gray Brown	Silt		NCM	Bedrock Impasse	
AR18	**6**	A	22	10YR 4/3 Brown	Silt loam	<20%	NCM	HYDRIC	
AR18	**6**	B	38	10YR 5/2 Gray Brown	Silt	<10%	NCM	BOE	
AR18	**7**	A	16	10YR 4/2 Dark Greyish Brown	Silt Loam		NCM		
AR18	**7**	B	26	10YR 5/6 Yellowish Brown	Silty Clay		NCM		
AR18	**8**	A	16	10YR 4/2 Dark Greyish Brown	Silt Loam		NCM		
AR18	**8**	B	27	10YR 5/6 Yellowish Brown	Silty Clay		NCM		
AR18	**9**	A	25	10YR 4/2 Dark Greyish Brown	Silt Loam		NCM	Plastic Discard	
AR19	**1**	A	29	10YR 5/4 (Yellowish brown)	Silt loam	20% rocks	NCM		
AR19	**1**	B	46	10YR 6/8 Brownish yellow	Silty clay	20% rocks	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR19	**2**	A	33	10YR 5/4 (Yellowish brown)	Silt loam	20% rocks	NCM		
AR19	**2**	B	45	10YR 6/8 Brownish yellow	Silty clay	20% rocks	NCM		
AR19	**3**	A	29	10YR 5/4 (Yellowish brown)	Silt loam	20% rocks	NCM		
AR19	**3**	B	39	10YR 6/8 Brownish yellow	Silty clay	20% rocks	NCM		
AR19	**4**	A	25	10YR 4/2 Dark Greyish Brown	Silt loam	20% rocks	NCM		
AR19	**4**	B	38	10YR 5/4 (Yellowish brown)	Silty clay	20% rocks	NCM		
AR19	**5**	A	17	10YR 4/2 Dark Greyish Brown	Silt loam	20% rocks	NCM		
AR19	**5**	B	33	10YR 5/4 (Yellowish brown)	Silty clay	20% rocks	NCM		
AR19	**6**	A	19	10YR 4/3 (brown)	Silty clay loam		NCM		
AR19	**6**	B	30	7.5 YR 5/3 (Brown)	Silty clay		NCM		
AR19	**7**	A	20	10YR 4/2 Dark Greyish Brown	Silt loam	20% rocks	NCM		
AR19	**7**	B	30	10YR 5/4 (Yellowish brown)	Silty clay	20% rocks	NCM		
AR19	**8**	A	8	10YR 4/2 Dark Greyish Brown	Silt loam	20% rocks	NCM		
AR19	**8**	B	19	10YR 5/4 (Yellowish brown)	Silty clay	20% rocks	NCM		
AR19	**9**	A	3	10YR 5/4 (Yellowish brown)	Silt loam	35% gravel	NCM		
AR19	**9**	B	15	10YR 6/8 Brownish yellow	Silty clay	40% gravel	NCM		
AR2	**1**	A	8	10YR 4/3 Brown	Sandy Silt	40% gravel	NCM	Gravel Impasse; along gravel road and drainage ditch	
AR2	**2**	A	18	10YR 4/2 Dark Gray Brown	Silt loam	15-20% gravel	NCM		
AR2	**2**	B	24	2.5Y 5/3 Light Olive Brown	Fine Sand		NCM		
AR2	**2**	C	35	10YR 5/2 Gray Brown	Silt		NCM	BOE; FeO2; adjecent to gravel road	
AR2	**3**	A	32	10YR 4/3 Brown	Silt loam		NCM	Rock Impasse	
AR2	**4**	A	34	10YR 4/3 Brown	Sandy Silt	10% gravel	NCM	Root/Gravel Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR2	**5**	A	29	10YR 4/2 Dark Gray Brown	Sandy Silt		NCM		
AR2	**5**	B	40	10YR 4/1 Dark Gray	Hard Silt	10% rocks	NCM	BOE	
AR2	**6**	A	17	10YR 2/1 Black	Sandy Silt	50% gravel	NCM	Fill	
AR2	**6**	B	30	2.5Y 5/3 Light Olive Brown	Fine Sandy Silt		NCM	BOE; Adjecent to gravel road	
AR20	**1**							Exposed bedrock	
AR20	**2**	A	10	10YR 2/3 Dark Brown	Loam		NCM	Root Impasse	
AR20	**3**							Exposed bedrock	
AR20	4	A	19	10yr 3/3 (dark brown)	Sandy Loam	40% rock			
AR20	4	B	31	10yr 5/3 (brown)	Sandy Loam	40% rock			
AR20	5							Exposed bedrock	
AR20	6	A	14	10yr 3/3 (dark brown)	Sandy Loam	5% rock			
AR20	6	B	30	10yr 5/3 (brown)	Silty Clay	25% gravel			
AR20	7							Exposed bedrock	
AR20	8							Exposed bedrock	
AR20	9							Exposed bedrock	
AR21	**1**	A	4	10yr 4/2 (dark grayish brown)	Silty Clay Loam	20% gravel	NCM		
AR21	**1**	B	15	10yr 4/1 (dark gray)	Silty Clay	20% gravel	Particle board	FeO2, appears stripped and distbured	
AR21	**2**	A	24	10yr 4/2 (dark grayish brown)	Silty Clay Loam	20% gravel	NCM		
AR21	**2**	B	37	10yr 4/1 (dark gray)	Silty Clay	20% gravel	NCM	FeO2	
AR21	3	A	5	10yr 3/2 (very dark grayish brown)	Silty Clay Loam	5% rock			
AR21	3	B	45	10yr 5/3 (brown)	Silty Sand	25% rock		Compact	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR21	**4**	A	21	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock and gravel	NCM		
AR21	**4**	B	36	10yr 5/6 (yellowish brown)	Silty clay	10% pea gravel	NCM		
AR21	**5**	A	6	10yr 4/2 (dark grayish brown)	Silty Clay Loam	30% gravel	NCM		
AR21	**5**	B	20	10yr 4/1 (dark gray)	Silty Clay	30% gravel	NCM	FeO2	
AR21	6	A	12	10yr 4/2 (dark grayish brown)	Silty Clay Loam				
AR21	6	B	17	10yr 5/3 (brown)	Silty Sand	15% rock		Rock impasse	
AR21	**7**	A	8	10yr 4/2 (dark grayish brown)	Silty Clay Loam	20% gravel	NCM		
AR21	**7**	B	20	10yr 4/1 (dark gray)	Silty Clay	20% gravel	NCM	FeO2	
AR21	**8**	A	17	10yr 3/2 (very dark grayish brown)	Silt loam	15% rock and gravel	NCM		
AR21	**8**	B	28	10yr 5/6 (yellowish brown)	Silty clay	25% rock and gravel	NCM		
AR21	**9**	A	5	10yr 4/2 (dark grayish brown)	Silty Clay Loam	30% gravel	NCM		
AR21	**9**	B	18	10yr 4/1 (dark gray)	Silty Clay	30% gravel	NCM	FeO2	
AR21	10	A	15	10yr 4/2 (dark grayish brown)	Silt loam	10% rock			
AR21	10	B	30	2.5y 6/3 (light yellowish brown)	Silty clay	25% rock			
AR21	11							No dig; surface rock impasse	
AR22	**1**	A	34	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**1**	B	46	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**2**	A	12	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**2**	B	33	10YR 5/1 Grey	Silty Clay	2-5% Gravel	NCM	FeO2	
AR22	**3**	A	11	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**3**	B	33	10YR 5/1 Grey	Silty Clay	2-5% Gravel	NCM	FeO2	
AR22	**4**	A	8	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**4**	B	28	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**5**	A	9	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR22	**5**	B	31	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**6**	A	8	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**6**	B	31	2.5Y 4/3 Olive Brown mottled with 10YR 5/1 Grey	Clay		NCM		
AR22	**7**	A	11	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**7**	B	47	10YR 5/1 Grey	Silty Clay	2-5% Gravel	NCM	FeO2	
AR22	**8**	A	15	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**8**	B	41	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		
AR22	**8**	C	58	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**9**	A	20	10yr 4/3 (brown)	Silty Clay Loam		NCM	Slightly mixed/disturbed	
AR22	**9**	B	44	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM	Slightly mixed/disturbed	
AR22	**9**	C	60	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**10**	A	20	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**10**	B	36	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		
AR22	**10**	C	48	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**11**	A	8	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**11**	B	30	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**12**	A	8	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**12**	B	33	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**13**	A	19	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**13**	B	31	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**14**	A	7	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**14**	B	46	2.5Y 4/3 Olive Brown mottled with 10YR 5/1 Grey	Clay		NCM		
AR22	**15**	A	38	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**15**	B	50	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR22	**15**	C	62	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**16**	A	26	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**16**	B	39	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		
AR22	**16**	C	55	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**17**	A	20	10yr 4/2 (dark grayish brown)	Silty Clay Loam		NCM		
AR22	**17**	B	43	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2	
AR22	**18**	A	13	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**18**	B	37	2.5Y 4/3 Olive Brown mottled with 10YR 5/1 Grey	Clay		NCM		
AR22	**19**	A	18	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**19**	B	33	10yr 6/1 (gray)	Silty Clay	1% rock and gravel	NCM	FeO2	
AR22	**20**	A	13	10YR 3/4 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**20**	B	30	10YR 3/6 Dark Yellowish Brown	Clay Loam		NCM		
AR22	**20**	C	52	10YR 5/1 Grey	Clay Loam		NCM	FeO2, Staining	
AR22	**21**	A	15	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**21**	B	34	7.5yr 5/6 (strong brown)	Silt	1% rock and gravel	NCM		
AR22	**22**	A	21	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**22**	B	38	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		
AR22	**22**	C	52	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	
AR22	**23**	A	70	10yr 4/2 (dark grayish brown) mixed with 10yr 7/2 (light gray)	Silty Clay Loam mixed with Silty clay	15% gravel	NCM	Fill from road	
AR22	**24**	A	14	10yr 5/2 (grayish brown)	Silty Clay Loam	1% rock and gravel	NCM		
AR22	**24**	B	34	7.5yr 5/6 (strong brown)	Silt	1% rock and gravel	NCM		
AR22	**24**	C	40	10yr 6/2 (light brownish gray)	Silty clay	1% rock and gravel	NCM		
AR22	**25**	A	19	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR22	**25**	B	38	10yr 5/4 (yellowish brown)	Silty Clay Loam		NCM		
AR22	**25**	C	50	10yr 7/2 (light gray)	Silty clay		NCM	FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR23	1	A	13	10yr 3/3 (dark brown)	Clay Loam				
AR23	1	B	30	2.5Y 4/2 (dark grayish brown)	Clay Loam			FeO2	
AR23	1	C	55	5y 4/1 (dark gray)	Silty Clay			FeO2	
AR23	**2**	A	17	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM		
AR23	**2**	B	43	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM		
AR23	**4**	A	21	2.5Y 5/2 Gray Brown	Silt loam		NCM		
AR23	**4**	B	24	10YR 5/6 Yellow Brown	Silt loam		NCM		
AR23	**4**	C	36	White page N 8.5/1 White	Si-CL		NCM		
AR23	**4**	D	46	10YR 4/1 Dark Gray FEO2	Si-CL		NCM	BOE	
AR23	**5**	A	23	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM		
AR23	**5**	B	40	10yr 7/1 (light gray)	Silty Clay	1% rock and gravel	NCM		
AR23	6	A	14	10yr 5/2 (grayish brown)	Clay	5% rock			
AR23	6	B	36	10yr 3/3 (dark brown)	Clay	5% rock		Rock impasse	
AR23	**7**	A	27	2.5Y 5/2 Gray Brown Mottled 10YR 6/1 Gray	Si-CL		NCM		
AR23	**7**	B	38	5YR 4/2 Dark red Gray	Clay	<1%	NCM	BOE	
AR23	**8**	A	45	10YR 4/3 Brown	Silty Clay Loam	2% gravel	NCM	FeO2	
AR23	**8**	B	59	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2	
AR23	**9**	A	50	10YR 4/3 Brown	Silty Clay Loam	2% gravel	NCM	FeO2	
AR23	**9**	B	62	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR23	**10**	A	28	10YR 3/2 Very Dark Gray Brown	Silt loam		NCM		
AR23	**10**	B	40	10YR 7/2 Light Gray FEO2	Si-CL		NCM	BOE	
AR23	11	A	18	10yr 3/3 (dark brown)	Clay Loam	15% gravel		Disturbed; rock impasse	
AR23	12	A	5	10yr 3/3 (dark brown)	Silt loam	15% gravel		Disturbed, adjacent to access road; rock impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR23	**13**	A	15	10yr 4/1 (dark gray)	Silt loam	1% rock and gravel	NCM		
AR23	**13**	B	35	10yr 5/1 (gray)	Silty Clay	1% rock and gravel	NCM		
AR23	**14**	A	38	10YR 3/2 Very Dark Gray Brown	Silt loam	<20%	NCM	Bedrock Impasse	
AR23	**3**	A	37	10YR 4/3 Brown	Silty Clay Loam	2% gravel	NCM	FeO2	
AR23	**3**	B	49	10YR 4/1 Dark Gray	Silty Clay		NCM	BOE; FeO2	
AR24	**1**	A	24	10YR 3/3 Dark Brown	Clay Clay Loam	10-20% gravel	NCM		
AR24	**1**	B	45	10YR 5/4 Yellow Brown	Clay	10-20% gravel	NCM	BOE; FeO2	
AR24	**2**	A	35	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**2**	B	46	10YR 4/6 DarkYellow Brown	Si-Cl	<20%	NCM	BOE	
AR24	**3**	A	25	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**3**	B	37	10YR 6/2 Light Gray Brown Feo2	Si-Cl	<20%	NCM	BOE	
AR24	**4**	A	42	10YR 4/3 Brown	Silty Clay Loam	15% rock and gravel	NCM		
AR24	**4**	B	55	10YR 6/2 Light Brownish Gray	Silty clay	15% rock and gravel	NCM	BOE; FeO2	
AR24	**5**	A	17	10YR 4/2 Dark Grayish Brown	Silt loam	10% gravel	NCM		
AR24	**5**	B	35	10YR 5/4 Yellowish Brown	Silt	20% gravel	NCM	BOE	
AR24	**6**	A	37	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**6**	B	49	10YR 6/2 Light Gray Brown Feo2	Si-Cl	<20%	NCM	BOE	
AR24	**7**	A	20	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM		
AR24	**7**	B	40	10YR 3/4 Dark Yellow Brown	Silt	10-20% gravel	NCM	BOE; mottled with 2.5Y 6/3 Light Yellow Brown	
AR24	**8**	A	25	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**8**	B	36	10YR 6/2 Light Gray Brown Feo2	Si-Cl	<20%	NCM	BOE	
AR24	**9**	A	21	10YR 4/3 Brown	Silty Clay Loam	35% gravel	NCM	Compact Gravel Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR24	**10**	A	29	10YR 4/2 Dark Grayish Brown	Silt loam	10% gravel	NCM		
AR24	**10**	B	55	10YR 5/4 Yellowish Brown	Silt	20% gravel	NCM	BOE	
AR24	**11**	A	28	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**11**	B	38	10YR 6/2 Light Gray Brown Feo2	Si-Cl	<20%	NCM	BOE	
AR24	**12**	A	19	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM		
AR24	**12**	B	41	10YR 3/4 Dark Yellow Brown	Silt	10-20% gravel	NCM	BOE; mottled with 2.5Y 6/3 Light Yellow Brown	
AR24	**13**	A	18	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM		
AR24	**13**	B	36	10YR 3/4 Dark Yellow Brown	Silt	10-20% gravel	NCM	BOE; mottled with 2.5Y 6/3 Light Yellow Brown	
AR24	**14**	A	15	10YR 4/2 Dark Grayish Brown	Silt loam	10% gravel	NCM		
AR24	**14**	B	26	10YR 5/4 Yellowish Brown	Silt	20% gravel	NCM	BOE	
AR24	**15**	A	17	10YR 4/3 Brown	Silty Clay	25% rock and gravel	NCM	Bedrock Impasse	
AR24	**16**	A	11	10YR 4/3 Brown	Silty Clay	25% rock and gravel	NCM		
AR24	**16**	B	22	10YR 4/2 Dark Grayish Brown	Clay	20% gravel	NCM	BOE	
AR24	**17**	A	26	10YR 4/2 Dark Gray Brown	Silt loam	<20%	NCM		
AR24	**17**	B	36	10YR 6/2 Light Gray Brown Feo2	Si-Cl	<20%	NCM	BOE	
AR24	**18**	A	17	10YR 3/3 Dark Brown	Clay Loam	10-20% gravel	NCM		
AR24	**18**	B	37	10YR 3/4 Dark Yellow Brown	Silt	10-20% gravel	NCM	BOE; mottled with 2.5Y 6/3 Light Yellow Brown	
AR25	**1**	A	30	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR25	**1**	B	49	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM		
AR25	**2**	A	41	10yr 4/3 (brown)	Silt loam	2% rock and gravel	NCM		
AR25	**2**	B	59	10yr 7/2 (light gray)	Silt		NCM	FeO2	
AR25	**3**	A	32	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**3**	B	42	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR25	**4**	A	30	10YR 4/4 Dark Yellow Brown	Silt loam		NCM		
AR25	**4**	B	45	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Si-Cl		NCM	BOE	
AR25	**5**	A	24	10yr 4/2 (dark grayish brown)	Silt loam	5% rock and gravel	NCM		
AR25	**5**	B	42	10yr 4/2 (dark grayish brown)	Silty Clay	2% rock and gravel	NCM		
AR25	**5**	C	62	10yr 5/1 (gray) mottled with 10yr 7/2 (light gray)	Silty Clay mottled with Silty clay		NCM	FeO2	
AR25	**6**	A	25	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR25	**6**	B	44	10YR 4/1 Dark Gray	Silt loam Clay	1% R+G	NCM		
AR25	**7**	A	28	10YR 5/2 Greyish Brown	Sandy Clay		NCM		
AR25	**7**	B	40	10YR 5/1 Grey	Compact Silty Clay		NCM	FeO2	
AR25	**8**	A	27	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**8**	B	37	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**9**	A	33	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**9**	B	52	10YR 4/1 Dark Gray FEO2	Si-Cl		NCM	BOE	
AR25	**9**	C	62	10YR 5/1 Gray FEO2	Si-Cl				
AR25	**10**	A	47	10YR 4/4 Dark Yellow Brown	Silt loam		NCM		
AR25	**10**	B	50	10YR 4/1 Dark Gray	Clay		NCM		
AR25	**10**	C	66	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Clay		NCM	BOE	
AR25	**11**	A	30	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**11**	B	40	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**12**	A	30	10YR 5/2 Greyish Brown	Sandy Clay		NCM		
AR25	**12**	B	42	10YR 5/1 Grey	Compact Silty Clay		NCM	FeO2	
AR25	**13**	A	25	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR25	**13**	B	43	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR25	**14**	A	30	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**14**	B	40	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**15**	A	29	10YR 4/4 Dark Yellow Brown	Silt loam		NCM		
AR25	**15**	B	44	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Si-Cl		NCM	BOE	
AR25	**16**	A	28	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**16**	B	38	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**17**	A	26	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**17**	B	38	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**18**	A	27	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR25	**18**	B	43	10YR 5/1 Gray	Silt loam Clay	1% R+G	NCM		
AR25	**19**	A	22	10YR 4/4 Dark Yellow Brown	Clay		NCM		
AR25	**19**	B	41	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Clay		NCM	BOE	
AR25	**20**	A	31	2.5Y 4/3 Olive Brown	Silt loam		NCM		
AR25	**20**	B	43	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR25	**21**	A	20	10YR 4/4 Dark Yellow Brown	Clay		NCM Discard modern Glass		
AR25	**21**	B	36	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Clay		NCM	BOE	
AR25	**22**	A	25	10YR 4/4 Dark Yellow Brown	Clay		NCM		
AR25	**22**	B	40	10YR 8/2 Light Pale Brown mottled 10YR 6/4 Light Yellow Brown FEO2	Clay		NCM	BOE	
AR26	**1**	A	20	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR26	**1**	B	36	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	Modeled	
AR26	**2**	A	35	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR26	**2**	B	45	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	Modeled	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR26	**3**	A	30	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR26	**3**	B	42	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	Modeled, FeO2	
AR26	**4**	A	29	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR26	**4**	B	46	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	Modeled	
AR26	**5**	A	15	10YR 4/3 Brown	Silt loam	1% R+G	NCM	Fire Ant Colony Impasse	
AR26	**6**	A	23	10YR 4/3 Brown	Silt loam	1% R+G	NCM		
AR26	**6**	B	37	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	Modeled	
AR26	**7**	A	32	2.5Y 6/2 Light Brown Gray	Silt loam		NCM		
AR26	**7**	B	43	2.5Y 8/1 white mottled 2.5Y 5/1 Gray FEO2	Si-Cl		NCM	BOE	
AR26	**8**	A	33	2.5Y 6/2 Light Brown Gray	Silt loam		NCM		
AR26	**8**	B	48	2.5Y 6/1 Gray FEO2	Si-Cl		NCM	BOE	
AR26	**9**	A	22	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR26	**9**	B	45	2.5Y 5/4 Light Olive Brown mottled with 7.5YR 4/6 Strong Brown and 10YR 6/1 Grey	Silty Clay		NCM	Disturbed	
AR26	**10**	A	26	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM		
AR26	**10**	B	38	10YR 6/4 Light Yellow Brown mottled 10YR 7/1 Light Gray Gray	Si-Cl		NCM	BOE	
AR26	**11**	A	15	10yr 3/3 (dark brown)	Silty Clay Loam		NCM		
AR26	**11**	B	30	10yr 4/4 (dark yellowish brown) mixed with 10yr 5/8 (yellowish brown)	Silt loam		NCM		
AR26	**11**	C	55	2.5y 6/6 (olive yellow) mixed with 10yr 5/8 (yellowish brown)	Silt		NCM	FeO2	
AR26	**11**	D	69	10yr 7/1 (light gray)	Silty Clay		NCM	FeO2	
AR26	**12**	A	24	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM		
AR26	**12**	B	37	7.5YR 5/6 Strong Brown	Silty Sand	5% R+G	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR26	**13**							Unexcavated due to Drainage/Wetland	
AR26	**14**	A	38	10yr 3/3 (dark brown)	Silty Clay Loam		NCM		
AR26	**14**	B	50	2.5y 6/6 (olive yellow) mixed with 10yr 5/8 (yellowish brown)	Silt		NCM	FeO2	
AR26	**14**	C	61	10yr 7/1 (light gray)	Silty Clay		NCM	FeO2	
AR26	**15**	A	21	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Near to Wetland/Drainage	
AR26	**15**	B	26	10YR 5/8 Yellowish Brown	Silty Sand	1% R+G	NCM	Near to Wetland/Drainage	
AR26	**15**	C	37	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	FeO2, Near to Wetland/Drainage	
AR26	**16**	A	24	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM		
AR26	**16**	B	40	10YR 6/4 Light Yellow Brown mottled 10YR 7/1 Light Gray	Si-Cl		NCM		
AR26	**17**	A	28	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM		
AR26	**17**	B	43	10YR 6/4 Light Yellow Brown mottled 10YR 7/1 Light Gray	Si-Cl		NCM		
AR26	**18**	A	20	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR26	**18**	B	34	10YR 5/1 Grey	Silty Clay		NCM		
AR26	**20**	A	28	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR26	**20**	B	38	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR26	**21**	A	22	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Near to Wetland/Drainage	
AR26	**21**	B	33	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM	FeO2, Near to Wetland/Drainage	
AR26	**22**	A	30	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM		
AR26	**22**	B	45	10YR 6/4 Light Yellow Brown mottled 10YR 7/1 Light Gray	Si-Cl		NCM		
AR27	**1**	A	15	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**1**	B	38	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR27	**2**	A	19	10yr 3/3 (dark brown)	Silty Clay Loam		NCM		
AR27	**2**	B	35	10yr 4/1 (dark gray)	Silty Clay		NCM	FeO2	
AR27	**3**	A	30	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR27	**3**	B	44	10YR 5/3 Brown mottled with 10YR 5/1 Grey	Silty Clay		NCM	Disturbed	
AR27	**4**	A	37	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR27	**5**	A	27	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR27	**4**	B	47	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR27	**5**	B	34	2.5Y 5/6 Light Olive Brown	Si-Cl		NCM		
AR27	**5**	C	45	2.5Y 7/2 Light Gray FEO2	Si-Cl			BOE	
AR27	**7**	A	27	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM		
AR27	**7**	B	43	10YR 7/1 Light Gray	Silty Clay	1% R+G	NCM		
AR27	**8**	A	37	10yr 3/3 (dark brown)	Silty Clay Loam		NCM		
AR27	**8**	B	51	10yr 6/1 (gray)	Silty clay		NCM	FeO2	
AR27	**9**	A	26	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**9**	B	42	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	
AR27	**10**	A	28	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**10**	B	50	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	
AR27	**11**	A	12	10yr 3/3 (dark brown)	Silty Clay Loam		NCM	Root impasse	
AR27	**12**	A	28	10YR 4/3 Brown	Silty Clay Loam		NCM		
AR27	**12**	B	40	10YR 5/1 Grey	Silty Clay		NCM	FeO2, Disturbed	
AR27	**13**	A	26	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR27	**13**	B	33	2.5Y 5/6 Light Olive Brown	Si-Cl		NCM		
AR27	**13**	C	43	2.5Y 7/2 Light Gray FEO2	Si-Cl			BOE	
AR27	**14**	A	27	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR27	**14**	B	42	2.5Y 5/6 Light Olive Brown	Si-Cl		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR27	**14**	C	52	2.5Y 7/2 Light Gray FEO2	Si-Cl			BOE	
AR27	**15**	A	15	10YR 3/4 Dark Yellow Brown	Silt loam	1% R+G	NCM	Ant Hill Impasse	
AR27	**16**	A	40	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**16**	B	52	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	
AR27	**17**	A	22	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**17**	B	39	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	
AR27	**18**	A	44	10yr 4/3 (brown)	Silty Clay Loam		NCM		
AR27	**18**	B	60	10yr 7/3 (very pale brown)	Silty clay		NCM	FeO2	
AR27	**19**	A	30	10YR 3/3 Dark Brown	Wet Si-Cl		NCM	Hydric	
AR27	**19**	B	50	10YR 4/2 Dark Gray Brown	Wet Si-Cl		NCM	BOE	
AR27	**20**	A	30	2.5Y 5/2 Brown Gray	Silt loam		NCM		
AR27	**20**	B	41	2.5Y 7/2 Light Gray FEO2	Si-Cl		NCM	BOE	
AR27	**21**	A	15	2.5Y 5/2 Brown Gray	Silt loam		NCM	Ant Hill Impasse	
AR28	**1**	A	52	10YR 4/3 Brown	Silt loam	<40%	NCM	Rock Impasse	
AR28	**2**	A	27	10YR 3/3 Dark Brown	Silt loam	<25%	NCM		
AR28	**2**	B	57	10YR 4/3 Brown	Silt loam	<25%	NCM	BOE/ Rock Impasse	
AR28	**3**	A	25	2.5Y 4/3 Olive Brown	Silt loam	30% Gravel, 5-10% Rock	NCM	Gravel Compaction Impasse, In TL ROW In Cornfield	
AR28	**4**	A	20	10YR 5/3 Brown	Silt	35% Gravel	NCM	Cornfield, Compact Soil, cobblestones on surface	
AR29	**2**	A	16	2.5Y 5/2 Gray Brown	Silt	no rocks	NCM		
AR29	**2**	B	26	2.5Y 7/1 Light Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**3**	A	20	2.5Y 5/2 Gray Brown	Silt	no rocks	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR29	**3**	B	30	2.5Y 7/1 Light Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**4**	B	20	10yr 4/1 (dark gray)	Clay		NCM	No A strat, FeO2, wet	
AR29	**5**	A	8	10yr 4/2 (dark grayish brown)	Clay Loam		NCM	Wet	
AR29	**5**	B	21	10yr 5/1 (gray)	Clay		NCM	FeO2, wet	
AR29	**6**	A	14	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR29	**6**	B	25	10YR 6/1 Gray	Silty Clay		NCM	FeO2	
AR29	**7**	A	12	2.5Y 5/2 Gray Brown	Silt	no rocks	NCM		
AR29	**7**	B	23	2.5Y 7/1 Light Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**8**	A	10	10YR 4/3 Brown	Si-Cl		NCM	Root Impasse	
AR29	**8**	A	10	10YR 4/1 Dark Gray	Si-Cl	<25%	NCM		
AR29	**8**	B	12	2.5y 5/1 Gray	Si-Cl	<25%	NCM	Root Impasse	
AR29	**9**	A	0				NCM	Rock Impasse	
AR29	**10**	A	3	10YR 4/2 Dark Gray Brown Feo2	Compact Clay		NCM	HYDRIC	
AR29	**10**	B	20	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE	
AR29	**11**	A	16	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR29	**11**	B	31	10YR 4/1 Dark Gray	Clay		NCM	FeO2	
AR29	**12**	A	7	10yr 4/2 (dark grayish brown)	Clay Loam		NCM	Wet	
AR29	**12**	B	23	10yr 5/1 (gray)	Clay		NCM	FeO2, wet	
AR29	**13**	A	17	2.5Y 5/2 Gray Brown	Silt	no rocks	NCM		
AR29	**13**	B	30	2.5Y 7/6 Yellow	Silt	no rocks	NCM		
AR29	**13**	C	43	2.5Y 7/1 Light Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**14**	A	20	10YR 4/2 Dark Gray Brown	Silty clay loam		NCM		
AR29	**14**	B	30	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR29	**15**	A	19	10YR 4/2 Dark Gray Brown Feo2	Compact Clay		NCM	HYDRIC	
AR29	**15**	B	38	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE	
AR29	**16**	A	10	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR29	**18**	A	18	10YR 4/2 Dark Gray Brown Feo2	Compact Clay		NCM	HYDRIC	
AR29	**18**	B	30	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE	
AR29	**19**	A	15	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR29	**19**	B	32	10YR 4/1 Dark Gray	Clay		NCM		
AR29	**20**	A	4	10yr 4/2 (dark grayish brown)	Clay Loam		NCM	Wet	
AR29	**20**	B	20	10yr 5/1 (gray)	Clay		NCM	FeO2, wet	
AR29	**21**	A	11	10yr 4/2 (dark grayish brown)	Clay Loam		NCM	Wet	
AR29	**21**	B	26	10yr 5/1 (gray)	Clay		NCM	FeO2, wet	
AR29	**22**	A	17	10YR 4/2 Dark Gray Brown	Silty clay loam		NCM		
AR29	**22**	B	28	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR29	**23**	A	15	10YR 4/2 Dark Gray Brown Feo2	Compact Clay		NCM	HYDRIC	
AR29	**23**	B	32	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE	
AR29	**24**	A	13	2.5Y 5/2 Gray Brown	Silt	no rocks	NCM		
AR29	**24**	B	23	2.5Y 7/1 Light Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**25**	A	16	10YR 4/1 Dark Gray	Compact Clay		NCM	HYDRIC	
AR29	**25**	B	28	10YR 5/1 Gray Feo2	Compact Clay		NCM	BOE	
AR29	**26**	A	17	2.5Y 4/1 Dark Gray	Silt loam	no rocks	NCM	some FeO2	
AR29	**26**	B	27	2.5Y 6/1 Gray	Silty Clay	no rocks	NCM	FeO2	
AR29	**27**	A	20	10YR 4/3 Brown	Silt loam		NCM	Ant Hill Impasse	
AR29	**28**	A	18	10yr 4/2 (dark grayish brown)	Clay Loam		NCM	Wet	
AR29	**28**	B	30	10yr 5/1 (gray)	Clay		NCM	FeO2, wet	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR3	**1**	A	16	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**1**	B	32	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**2**	A	18	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**2**	B	32	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**3**	A	15	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**3**	B	35	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**4**	A	21	10yr 4/3 (brown)	Sand		NCM		
AR3	**4**	B	35	10yr 5/3 (brown)	Sand		NCM	FeO2	
AR3	**5**	A	10	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**5**	B	20	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**6**	A	10	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**6**	B	26	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**7**	A	14	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**7**	B	38	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**9**	A	10	10yr 3/2 (very dark grayish brown)	Sand		NCM		
AR3	**9**	B	24	10yr 4/1 (dark gray)	Sand		NCM	FeO2	
AR3	**10**	A	15	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**10**	B	30	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**11**	A	13	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**11**	B	27	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**12**	A	12	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**12**	B	28	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**13**	A	12	10yr 3/2 (very dark grayish brown)	Sand		NCM		
AR3	**13**	B	25	10yr 4/1 (dark gray)	Sand		NCM	FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR3	**14**	A	15	10yr 3/2 (very dark grayish brown)	Sand		NCM		
AR3	**14**	B	29	10yr 4/1 (dark gray)	Sand		NCM	FeO2	
AR3	**15**	A	8	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**15**	B	23	10YR 4/1 Dark Gray	Sand	15% rocks	NCM	BOE; FeO2	
AR3	**16**	A	10	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**16**	B	25	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**18**	A	24	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**18**	B	44	10YR 5/4 Yellow Brown	Silt		NCM	BOE; FeO2	
AR3	**19**	A	14	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**19**	B	30	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**20**	A	9	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**20**	B	25	10yr 4/1 (dark gray)	Silty Sand		NCM	FeO2	
AR3	**21**	A	20	10yr 3/2 (very dark grayish brown)	Sand		NCM		
AR3	**21**	B	33	10yr 4/1 (dark gray)	Sand		NCM	FeO2	
AR3	**22**	A	12	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**22**	B	23	10YR 4/1 Dark Gray	Sand		NCM	FeO2	
AR3	**22**	C	34	10YR 5/4 Yellow Brown	Silt		NCM	BOE	
AR3	**23**	A	12	10yr 3/2 (very dark grayish brown)	Silty Sandy Loam		NCM		
AR3	**23**	B	24	10yr 5/3 (brown)	Sand		NCM		
AR3	**23**	C	35	10yr 4/4 (dark yellowish brown)	Silty Sand		NCM		
AR3	**24**	A	25	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**24**	B	37	10YR 5/4 Yellow Brown	Silt		NCM	BOE; FeO2	
AR3	**25**	A	20	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**25**	B	45	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR3	**26**	A	16	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**26**	B	42	10YR 4/1 Dark Gray	Silt	0	NCM	FeO2	
AR3	**26**	C	52	10YR 5/4 Yellow Brown	Silt	0	NCM	BOE	
AR3	**27**	A	11	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**27**	A	11	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**27**	B	28	2.5Y 4/2 Dark Grayish Brown	Sandy Silt	no rocks	NCM	Oxidation	
AR3	**27**	B	28	2.5Y 4/2 Dark Grayish Brown	Sandy Silt	no rocks	NCM	Oxidation	
AR3	**27**	C	39	2.5Y 5/3 Light Olive Brown	Silt	no rocks	NCM	Oxidation	
AR3	**27**	C	39	2.5Y 5/3 Light Olive Brown	Silt	no rocks	NCM	Oxidation	
AR3	**28**	A	20	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**28**	B	40	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**29**	A	32	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**29**	A	32	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**29**	B	42	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		
AR3	**29**	B	42	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		
AR3	**30**	A	14	10yr 4/3 (brown)	Sand		NCM	Fire ant colony impasse	
AR3	**31**	A	19	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**31**	B	40	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**32**	A	41	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**32**	A	41	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**32**	B	54	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		
AR3	**32**	B	54	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		
AR3	**33**	A	13	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**33**	A	13	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**33**	B	39	2.5Y 4/2 Dark Grayish Brown	Sandy Silt	no rocks	NCM	Oxidation	
AR3	**33**	B	39	2.5Y 4/2 Dark Grayish Brown	Sandy Silt	no rocks	NCM	Oxidation	
AR3	**33**	C	50	2.5Y 5/3 Light Olive Brown	Silt	no rocks	NCM	Oxidation	
AR3	**33**	C	50	2.5Y 5/3 Light Olive Brown	Silt	no rocks	NCM	Oxidation	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR3	**34**	A	25	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**34**	B	37	10YR 5/4 Yellow Brown	Silt		NCM	BOE; FeO2	
AR3	**35**	A	25	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**35**	B	37	10YR 5/4 Yellow Brown	Silt		NCM	BOE; FeO2	
AR3	**36**	A	25	10YR 4/2 Dark Gray Brown	Sand Silt Loam		NCM		
AR3	**36**	B	37	10YR 5/4 Yellow Brown	Silt		NCM	BOE; FeO2	
AR3	**37**	A	20	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**37**	B	40	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**38**	A	22	10yr 4/3 (brown)	Sandy Silt		NCM		
AR3	**38**	B	40	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**39**	A	11	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR3	**39**	B	35	10yr 4/1 (dark gray)	Sand		NCM		
AR3	**39**	C	50	10yr 4/2 (dark grayish brown)	Sandy Silt		NCM		
AR3	**40**	A	16	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**40**	A	16	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**40**	B	37	10YR 4/3 Brown	Sandy Loam		3 Brick pieces		
AR3	**40**	B	37	10YR 4/3 Brown	Sandy Loam		3 Brick pieces		
AR3	**41**	A	33	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**41**	A	33	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**41**	B	43	10YR 4/3 Brown	Sandy Loam		NCM		
AR3	**41**	B	43	10YR 4/3 Brown	Sandy Loam		NCM		
AR3	**42**	A	25	10yr 4/2 (dark grayish brown)	Silty Sandy Loam		NCM		
AR3	**42**	B	45	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**43**	A	40	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**43**	A	40	10YR 4/2 Dark Gray Brown	Silty Sandy Loam	no rocks	NCM		
AR3	**43**	B	55	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR3	**43**	B	55	10YR 5/4 Brownish Yellow	Silty Sand	no rocks	NCM		
AR3	**44**	A	25	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**44**	A	25	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**44**	B	39	10YR 5/4 Brownish Yellow	Sandy Loam		NCM		
AR3	**44**	B	39	10YR 5/4 Brownish Yellow	Sandy Loam		NCM		
AR3	**45**	A	13	10yr 4/2 (dark grayish brown)	Silty Sandy Loam		NCM		
AR3	**45**	B	30	10yr 5/4 (yellowish brown)	Sandy Silt		NCM		
AR3	**46**	A	19	10YR 4/2 Dark Gray Brown	Sandy Loam	2-5% pebbles	NCM		
AR3	**46**	A	19	10YR 4/2 Dark Gray Brown	Sandy Loam	2-5% pebbles	NCM		
AR3	**46**	B	31	2.5Y 5/3 Light Olive Brown	Sand	2-5% pebbles	NCM		
AR3	**46**	B	31	2.5Y 5/3 Light Olive Brown	Sand	2-5% pebbles	NCM		
AR3	**50**	A	18	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**50**	A	18	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR3	**50**	B	32	10YR 4/3 Brown	Sandy Loam		NCM		
AR3	**50**	B	32	10YR 4/3 Brown	Sandy Loam		NCM		
AR3	**51**	A	21	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	5-10% pebbles	NCM		
AR3	**51**	A	21	10YR 3/2 Very Dark Grayish Brown	Silty Sandy Loam	5-10% pebbles	NCM		
AR3	**51**	B	37	2.5Y 4/2 Dark Grayish Brown	Silty Sand	5-10% pebbles	NCM	Oxidation	
AR3	**51**	B	37	2.5Y 4/2 Dark Grayish Brown	Silty Sand	5-10% pebbles	NCM	Oxidation	
AR3	**52**	A	11	10yr 4/2 (dark grayish brown)	Silty Sandy Loam		NCM		
AR3	**52**	B	30	10yr 4/3 (brown)	Sandy Silt	5% gravel	NCM		
AR3	**54**	A	32	10YR 5/3 Brown	Silt loam	25% Rocks	NCM	Rock Impasse	
AR3	**54**	A	32	10YR 5/3 Brown	Silt loam	25% Rocks	NCM	Rock Impasse	
AR3	**55**	A	25	10yr 5/3 (brown)	Silty Sand		NCM		
AR3	**55**	B	45	10yr 4/3 (brown)	Sand	5% gravel	NCM		
AR30	**1**	A	15	10YR 4/3 Brown	Silt loam		NCM		
AR30	**1**	B	30	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR30	**2**	A	16	2.5Y 3/3 Dark Olive Brown	Silt loam		NCM		
AR30	**2**	B	26	GLEY1 7/5GY Light Greenish Gray	Clay		NCM	Hydric FeO2	
AR30	**3**	A	18	10YR 4/2 Dark Gray Brown	Compact Clay		NCM	Feo2	
AR30	**3**	B	40	10YR 7/1 Light Gray	Compact Clay		NCM	BOE Feo2	
AR30	**4**	A	7	2.5Y 3/3 Dark Olive Brown	Silt loam		NCM		
AR30	**4**	B	20	GLEY1 7/5GY Light Greenish Gray	Clay		NCM	Hydric FeO2	
AR30	**5**	A	13	2.5Y 3/3 Dark Olive Brown	Silt loam		NCM		
AR30	**5**	B	23	GLEY1 7/5GY Light Greenish Gray	Clay		NCM	Hydric FeO2	
AR30	**6**	A	16	10YR 4/2 Dark Gray Brown Feo2	Compact Clay		NCM		
AR30	**6**	B	39	10YR 7/1 Light Gray Feo2	Compact Clay		NCM	BOE	
AR30	**7**	A	19	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR30	**7**	B	35	10YR 6/1 Gray	Silty Clay		NCM	FeO2	
AR30	**8**	A	19	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR30	**8**	B	36	10YR 6/1 Gray	Silty Clay	5% Rocks	NCM	FeO2	
AR30	**9**	B	20	10YR 4/1 Dark Gray	Clay		NCM	Wet, FeO2	
AR30	**10**						NCM	Wasp Nest Impasse	
AR30	**11**								
AR30	**12**	A	17	2.5Y 3/3 Dark Olive Brown	Silt loam		NCM		
AR30	**12**	B	31	GLEY1 7/5GY Light Greenish Gray	Clay		NCM	Hydric FeO2	
AR31	**1**	A	16	10YR 4/2 (Grayish brown)	Silt loam	30% Rocks and gravel	NCM		
AR31	**1**	B	43	2.5Y 8/6 (Yellow)	Silt	30% Rocks and gravel	NCM		
AR31	**2**	A	13	10yr 3/3 (dark brown)	Silt loam		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR31	**2**	B	33	7.5yr 5/6 (strong brown)	Clay		NCM		
AR31	**3**						NCM	Surface root impasse	
AR32	**1**							Deadfall	
AR32	**2**	A	14	10yr 3/2 (very dark grayish brown)	Sandy Loam	20% rock and gravel	NCM		
AR32	**2**	B	25	10yr 5/6 (yellowish brown)	Sand	20% rock and gravel	NCM		
AR32	**3**	A	23	10YR 4/2 Dark Gray Brown	Silt loam	<30%	NCM		
AR32	**3**	A	23	10YR 4/2 Dark Gray Brown	Silt loam	<30%	NCM		
AR32	**3**	B	44	7.5YR 5/6 Strong Brown	Clay	<30%	NCM	BOE	
AR32	**3**	B	44	7.5YR 5/6 Strong Brown	Clay	<30%	NCM	BOE	
AR32	**4**	A	14	10YR 4/3 Brown	Silt loam	15% gravel	NCM		
AR32	**4**	B	26	10YR 5/4 Yellow Brown	Sandy Silt	20% gravel	NCM	BOE	
AR32	**5**	A	26	10YR 4/3 Brown	Silt loam	15% gravel	NCM		
AR32	**5**	B	36	10YR 5/4 Yellow Brown	Sandy Silt	20% gravel	NCM	BOE	
AR32	**6**	A	20	10YR 4/3 Brown	Silt loam	15% gravel	NCM		
AR32	**6**	B	30	10YR 5/4 Yellow Brown	Sandy Silt	20% gravel	NCM	BOE	
AR32	**7**	A	22	10YR Dark Gray Brown	Silt loam	<30%	NCM		
AR32	**7**	A	22	10YR Dark Gray Brown	Silt loam	<30%	NCM		
AR32	**7**	B	36	7.5YR 5/6 Strong Brown	Clay	<30%	NCM	BOE	
AR32	**7**	B	36	7.5YR 5/6 Strong Brown	Clay	<30%	NCM	BOE	
AR33	**1**	A	22	10YR 4/1 Dark Gray	Silt loam	25% R+G	NCM		
AR33	**1**	B	40	10YR 5/6 Yellow Brown	Sand	35% R+G	NCM		
AR33	**2**	A	24	10YR 4/1 Dark Gray	Silt loam	25% R+G	NCM		
AR33	**2**	B	45	10YR 5/6 Yellow Brown	Sand	35% R+G	NCM		
AR33	**3**	A	40	10YR 4/3 Brown	Silty Sand	10% rocks	NCM	Rock Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR33	4	A	16	10yr 4/2 (dark grayish brown)	Silty Clay Loam	20% gravel	NCM	Gravel impasse	
AR33	**5**	A	23	10YR 4/2 Dark Gray Brown	Silt loam	<30%	NCM		
AR33	**5**	A	25	10YR 4/1 Dark Gray	Silt loam	25% R+G	NCM		
AR33	**5**	B	32	7.5YR 5/6 Strong Brown	Clay	<30%	NCM	BOE	
AR33	**5**	B	37	10YR 5/6 Yellow Brown	Sand	35% R+G	NCM		
AR34	**1**	A	23	10YR 4/3 Brown	Si-Cl		NCM		
AR34	**1**	B	36	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	BOE	
AR34	**2**	A	26	10YR 5/3 Brown	Silt loam		NCM		
AR34	**2**	B	38	10YR 5/2 Grayish Brown	Silty clay		NCM	BOE; FeO2	
AR34	**3**	A	21	2.5Y 5/2 Grayish Brown	Fine Silt		NCM		
AR34	**3**	B	31	2.5Y 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**4**	A	23	2.5Y 5/2 Grayish Brown	Fine Silt		NCM		
AR34	**4**	B	35	2.5Y 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**5**	A	24	10YR 6/4 Light Yellowish Brown	Silt		NCM		
AR34	**5**	B	42	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**6**	A	21	10YR 4/3 Brown	Si-Cl		NCM		
AR34	**6**	B	33	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	BOE	
AR34	**7**	A	22	10YR 4/3 Brown	Si-Cl		NCM		
AR34	**7**	B	36	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	BOE	
AR34	**8**	A	19	10YR 6/4 Light Yellowish Brown	Silt		NCM		
AR34	**8**	B	40	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**9**	A	18	10YR 5/3 Brown	Silty clay		NCM		
AR34	**9**	B	30	10YR 6/1 Gray	Silty Clay		NCM	BOE	
AR34	**10**	A	15	2.5Y 5/2 Grayish Brown	Fine Silt		NCM		
AR34	**10**	B	27	2.5Y 6/1 Gray	Silty Clay		NCM	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR34	**11**	A	24	2.5Y 5/2 Grayish Brown	Fine Silt		NCM		
AR34	**11**	B	34	2.5Y 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**13**	A	18	10YR 4/3 Brown	Si-Cl		NCM		
AR34	**13**	B	29	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	BOE	
AR34	**14**	A	28	10YR 5/3 Brown	Silty Clay Loam		NCM		
AR34	**14**	B	40	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR34	**15**	A	17	2.5Y 5/2 Grayish Brown	Fine Silt		NCM		
AR34	**15**	B	29	2.5Y 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**16**	A	16	10YR 5/3 Brown	Silty clay		NCM		
AR34	**16**	B	29	10YR 6/1 Gray	Silty Clay		NCM	BOE	
AR34	**17**	A	15	10YR 6/4 Light Yellowish Brown	Silt		NCM		
AR34	**17**	B	30	10YR 7/1 Light Gray	Silty Clay		NCM	BOE; FeO2	
AR34	**18**	A	24	10YR 4/3 Brown	Si-Cl		NCM		
AR34	**18**	B	37	10YR 6/2 Gray Brown Feo2	Compact Clay		NCM	BOE	
AR35	**1**	A	27	10YR 3/3 Dark Brown	Compact Clay		NCM		
AR35	**1**	B	39	10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE	
AR35	**2**	A	19	10YR 3/3 Dark Brown	Compact Clay		NCM		
AR35	**2**	B	31	10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE	
AR35	**2**	C	40	7.5YR 4/3 Brown	Compact Clay		NCM	BOE	
AR35	**3**	B	41	10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE	
AR35	**4**	A	28	2.5YR 5/2 (Gray brown)	Silt		NCM		
AR35	**4**	B	30	7.5 3/1 (Very dark gray)	Clay		NCM		
AR35	**4**	C	40	7.5YR (Brown)	Clay		NCM		
AR35	**5**	A	0					No Dig	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR36	**1**	A	5	10YR 3/3 Dark Brown	Loam		NCM	Bedrock Impasse	
AR36	**1**	A	23	10YR 4/2 Dark Gray Brown	Compact Clay		NCM		
AR36	**1**	B	30	10YR 4/1 Dark Gray mottled 10 YR 6/2 Gray Brown FEO2	Compact Clay		NCM	Compact Clay Impasse	
AR36	**4**	A	22	10YR 4/2 Dark Gray Brown	Compact Clay		NCM	Compact Clay Impasse	
AR36	**5**	A	17	2.5Y 5/2 Grayish Brown	Silt loam	3% rocks and gravel	NCM		
AR36	**5**	B	27	2.5Y 8/1 White	Clay	<1% gravel	NCM	BOE; Mottled w/ 2.5Y 4/4 Olive Brown	
AR36	**7**	A	12	10YR 4/2 Dark Gray Brown	Silty clay loam		NCM	Rock Impasse	
AR36	**8**	A	18	2.5Y 5/2 Grayish Brown	Silt loam	<2% rocks and gravel	NCM		
AR36	**8**	B	28	2.5Y 8/1 White	Clay		Discarded: 1 clear glass shard	BOE; Mottled w/ 2.5Y 6/1 Gray; FeO2	
AR36	**10**	A	30	10YR 4/2 Dark Gray Brown	Compact Clay		NCM		
AR36	**10**	B	40	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE	
AR36	**11**	A	23	2.5Y 5/2 Grayish Brown	Silt loam	<2% rocks and gravel	NCM		
AR36	**11**	B	34	2.5Y 8/1 White	Clay		NCM	BOE; Mottled w/ 2.5Y 6/1 Gray; FeO2	
AR36	**12**	A	13	10YR 4/3 Brown	Loamy Clay	25% rock	NCM	Rock Impasse	
AR36	**13**	A	13	10YR 4/4 Brown	Silty clay		NCM		
AR36	**13**	B	23	10YR 6/1 Gray	Clay		NCM	BOE	
AR36	**14**	A	22	2.5Y 5/2 Grayish Brown	Silt loam	<2% rocks and gravel	NCM		
AR36	**14**	B	34	2.5Y 8/1 White	Clay		NCM	BOE; Mottled w/ 2.5Y 6/1 Gray; FeO2	
AR36	**15**	A	30	10YR 4/2 Dark Gray Brown	Compact Clay		NCM	Compact Clay Impasse	
AR37	**1**	A	23	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR37	**1**	B	35	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR37	**2**	A	25	10YR 6/3 Pale Brown	Silty Clay		NCM		
AR37	**2**	B	38	10YR 6/1 Gray	Clay	5% rocks	NCM	BOE; FeO2	
AR37	**3**	A	27	10YR 4/3 Brown	Silty Clay		NCM		
AR37	**3**	B	37	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR37	**4**	A	25	Grayish Brown (2.5Y 5/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments	
AR37	**4**	B	35	Light Gray (2.5Y 7/2)	Clay FeO2	No Rock/Gravel	NCM	BOE	
AR37	**5**	A	21	10YR 6/3 Pale Brown	Silty Clay		NCM		
AR37	**5**	B	33	10YR 6/1 Gray	Clay	5% rocks	NCM	BOE; FeO2	
AR37	**6**	A	23	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR37	**6**	B	35	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE	
AR37	**7**	A	12	10YR 4/2 Dark Gray Brown	Si-Cl		NCM	Compact Clay Impasse	
AR37	**8**	A	20	10YR 6/3 Pale Brown	Silty Clay		NCM		
AR37	**8**	B	35	10YR 6/1 Gray	Clay	5% rocks	NCM	BOE; FeO2	
AR37	**9**	A	17	10YR 4/3 Brown	Silty Clay		NCM		
AR37	**9**	B	36	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR37	**10**	A	26	Grayish Brown (2.5Y 5/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments	
AR37	**10**	B	36	Light Gray (2.5Y 7/2)	Clay FeO2	No Rock/Gravel	NCM	BOE	
AR37	**11**	A	23	10YR 6/3 Pale Brown	Silty Clay		NCM		
AR37	**11**	B	38	10YR 6/1 Gray	Clay	5% rocks	NCM	BOE; FeO2	
AR37	**12**	A	26	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR37	**12**	B	36	2.5YR 6/3 Light Olive Brown Feo2	Compact Clay		NCM	BOE	
AR37	**14**	A	17	10YR 6/3 Pale Brown	Silty Clay		NCM		
AR37	**14**	B	28	10YR 6/1 Gray	Clay	5% rocks	NCM	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR37	**15**	A	21	Grayish Brown (2.5Y 5/2)	Silt loam	<2% Rock & Gravel	NCM	No Comments	
AR37	**15**	B	31	Light Gray (2.5Y 7/2)	Clay FeO2	No Rock/Gravel	NCM	BOE	
AR38	**1**	A	25	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR38	**1**	B	39	10YR 6/3 Pale Brown	Si-Cl		NCM	BOE	
AR38	**2**	A	26	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**2**	B	38	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**3**	A	26	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**3**	B	38	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR38	**4**	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**4**	B	40	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR38	**5**	A	24	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR38	**5**	B	38	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2	
AR38	**6**	A	26	10YR 3/1 Very Dark Gray	Silty Clay		NCM		
AR38	**6**	B	40	10YR 6/1 Gray	Silt		NCM	BOE; FeO2	
AR38	**7**	A	27	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR38	**7**	B	42	10YR 6/3 Pale Brown	Si-Cl		NCM	BOE	
AR38	**8**	A	26	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**8**	B	37	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**9**	B	32	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**10**	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**10**	B	34	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**11**	A	31	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**11**	B	41	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**12**	A	27	10YR 3/1 Very Dark Gray	Silty Clay		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR38	**12**	B	44	10YR 6/1 Gray	Silt		NCM	BOE; FeO2	
AR38	**13**	A	26	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR38	**13**	B	39	10YR 6/3 Pale Brown	Si-Cl		NCM	BOE	
AR38	**14**	A	28	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR38	**14**	B	41	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2	
AR38	**15**	A	23	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**15**	B	38	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR38	**16**	A	20	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**16**	B	33	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**17**	A	23	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**17**	B	35	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**18**	A	22	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR38	**18**	A	25	10YR 3/1 Very Dark Gray	Silty Clay		NCM		
AR38	**18**	B	41	10YR 6/3 Pale Brown	Si-Cl		NCM	BOE	
AR38	**18**	B	36	10YR 6/1 Gray	Silt		NCM	BOE; FeO2	
AR38	**20**	A	22	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**20**	B	32	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**21**	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**21**	B	41	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR38	**22**	A	27	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR38	**22**	B	38	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**23**	A	20	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	<1% rocks and gravel	NCM		
AR38	**23**	B	30	2.5Y 6/1 Gray	Silty clay		NCM	BOE; FeO2	
AR38	**24**	A	24	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR38	**24**	B	38	10YR 6/3 Pale Brown	Si-Cl		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR39	**1**	A	34	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR39	**1**	B	40	10YR 6/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE	
AR39	**2**	A	33	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR39	**2**	B	43	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR39	**3**	A	30	10YR 3/3 Dark Brown	Silty Clay		NCM	Hole next to nearby drainage	
AR39	**3**	B	44	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR39	**4**	A	15	10YR 3/1 Very Dark Gray	Silty Clay		NCM	Ant Colony Impasse	
AR39	**5**	A	33	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR39	**5**	B	48	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2	
AR39	**6**	A	30	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR39	**6**	B	40	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR39	**7**	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR39	**7**	B	37	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR39	**8**	A	24	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR39	**8**	B	34	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR39	**9**	A	30	10YR 2/2 Very Dark Brown	Si-Cl-Lo		NCM		
AR39	**9**	B	42	10YR 6/8 Yellow Brown Feo2	Compact Clay		NCM	BOE	
AR39	**10**	A	34	10YR 3/1 Very Dark Gray	Silty Clay		NCM		
AR39	**10**	B	48	10YR 6/1 Gray	Silt		NCM	BOE; FeO2	
AR39	**11**	A	24	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR39	**11**	B	34	2.5Y 5/1 Gray	Silty clay		Discarded: 1 Farm Equipment Iron	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR39	**12**	A	16	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR39	**12**	B	31	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR39	**13**	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR39	**13**	B	42	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR39	**14**	A	25	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR39	**14**	B	38	10YR 7/2 Light Gray	Silt		NCM	BOE; FeO2	
AR39	**15**	A	22	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR39	**15**	B	39	10YR 6/2 Gray Brown mottled 10YR 6/3 Pale Brown Feo2	Compact Clay		NCM	BOE	
AR4	**1**							slope/disturbance write-off	
AR4	**1**							slope/disturbance write-off	
AR4	**2**	A	10	10YR 4/3 Brown	Sandy Silt		NCM		
AR4	**2**	A	10	10YR 4/3 Brown	Sandy Silt		NCM		
AR4	**2**	B	35	10YR 5/4 Brownish Yellow	Sand		NCM		
AR4	**2**	B	35	10YR 5/4 Brownish Yellow	Sand		NCM		
AR4	**3**							Slope & Road, No Dig	
AR4	**4**	A	8	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM		
AR4	**4**	B	25	10YR 5/1 Grey	Fine Sand		NCM		
AR4	**4**	C	37	10YR 4/1 Dark Grey	Fine Sand		NCM	Oxidation	
AR4	**5**	A	7	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	
AR4	**5**	A	7	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	
AR4	**5**	B	40	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR4	**5**	B	40	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR4	**6**	A	5	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR4	**6**	A	5	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	
AR4	**6**	B	25	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR4	**6**	B	25	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR4	**8**	A	5	10YR 2/2 Very Dark Brown	Sandy Loam		NCM		
AR4	**8**	B	22	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	Root Impasse	
AR4	**9**	A	6	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	
AR4	**9**	B	25	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR4	**10**	A	6	10YR 2/1 Black	Silty Sandy Loam		NCM	Mixed with 10YR 7/1 Light Gray	
AR4	**10**	B	25	10YR 5/8 Yellowish Brown	Silty Sand		NCM		
AR40	**1**	A	40	10YR 2/2 Very Dark Brown	Silt loam		NCM		
AR40	**1**	B	55	10YR 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR40	**2**	A	36	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM		
AR40	**2**	B	50	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2	
AR40	**3**	A	20	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**3**	B	42	10Yr 7/1 Light Gray Feo2	Wet Si-Cl		NCM	BOE	
AR40	**4**	A	21	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**5**	A	41	2.5Y 2/1 Black	Silty clay loam		NCM	Numerous Roots	
AR40	**5**	B	53	GLEY 1 6/5 GY Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR40	**6**	A	43	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR40	**6**	B	53	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR40	**7**	A	26	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR40	**7**	B	36	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR40	**8**	A	38	2.5Y 2/1 Black	Silty clay loam		NCM	Numerous Roots	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR40	**8**	B	48	GLEY 1 6/5 GY Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR40	**9**	A	29	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**10**	A	30	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**11**	A	27	10YR 2/2 Very Dark Brown	Silty Clay Loam		NCM		
AR40	**11**	B	38	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2	
AR40	**12**	A	30	10YR 2/2 Very Dark Brown	Silt loam		NCM		
AR40	**12**	B	45	10YR 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR40	**13**	A	27	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR40	**13**	B	37	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR40	**14**	A	20	2.5Y 2/1 Black	Silty clay loam		NCM	Numerous Roots	
AR40	**14**	B	30	GLEY 1 6/5 GY Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR40	**15**	A	31	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**16**	A	23	10YR 3/2 Very Dark Gray Brown	Wet Si-Cl		NCM		
AR40	**17**	A	21	2.5Y 2/1 Black	Silty clay loam		NCM	Numerous Roots	
AR40	**17**	B	31	GLEY 1 6/5 GY Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR40	**18**	A	25	10YR 2/2 Very Dark Brown	Silt loam		NCM		
AR40	**18**	B	39	10YR 6/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR41	**1**	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**1**	B	35	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR41	**2**	A	20	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR41	**2**	B	33	2.5Y 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR41	**3**	A	35	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR41	**3**	B	47	2.5YR 5/4 Olive Brown Feo2	Si-Cl		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR41	**4**	A	20	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR41	**4**	B	31	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR41	**5**	A	36	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR41	**5**	B	50	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2	
AR41	**6**	A	30	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**6**	B	40	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR41	**7**	A	33	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**7**	B	45	10YR 4/2 Grayish Brown	Slay Silt		NCM	BOE; FeO2	
AR41	**8**	A	26	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR41	**8**	B	41	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2	
AR41	**9**	A	27	10YR 4/2 Dark Gray Brown	Si-Cl-Lo		NCM		
AR41	**9**	B	40	2.5YR 5/4 Olive Brown Feo2	Si-Cl		NCM	BOE	
AR41	**10**	A	22	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR41	**10**	B	34	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR41	**11**	A	20	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR41	**11**	B	35	GLEY 2 6/10 BG Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR41	**12**	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**12**	B	29	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR41	**13**	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**13**	B	34	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR41	**14**	A	29	10YR 3/3 Dark Brown	Silty Clay Loam		NCM		
AR41	**14**	B	40	10YR 5/2 Grayish Brown	Silty Clay		NCM	BOE; FeO2	
AR41	**15**	A	26	10YR 3/3 Dark Brown	Si-Cl-Lo		NCM		
AR41	**15**	B	39	7.5YR 5/6 Strong Brown mottled 10YR 6/3 Pale Brown FEO2	Si-Cl		NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR41	**16**	A	21	2.5Y 3/2 Very Dark Grayish Brown	Silt loam		NCM		
AR41	**16**	A	25	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR41	**16**	B	32	GLEY 2 6/10 BG Greenish Gray	Silty clay		NCM	BOE; FeO2	
AR41	**16**	B	38	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR41	**17**	A	26	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR41	**17**	B	40	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR42	**1**	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR42	**1**	B	35	10YR 6/1 Gray	Clay		NCM	BOE; FeO2	
AR42	**2**	A	0					Unexcavated Drainage	
AR42	**3**	A	22	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM		
AR42	**3**	B	33	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2	
AR42	**4**	A	25	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR42	**4**	B	38	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR42	**5**	A	40	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM	Discard Modern Glass	
AR42	**5**	B	65	7.5YR 5/6 Strong Brown mottled 10YR 6/3 Pale Brown FEO2	Sa		NCM	BOE	
AR42	**6**	A	28	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM		
AR42	**6**	B	38	10YR 6/3 Pale Brown	Clay Sand		NCM	BOE; FeO2	
AR42	**7**	A	35	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR42	**7**	B	54	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR42	**8**	A	0					Unexcavated Drainage	
AR42	**10**	A	31	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR42	**10**	B	44	10YR 5/1 Gray	Silty clay Sand		NCM	BOE; FeO2	
AR42	**11**	A	26	10YR 3/3 Dark Brown	Sandy Clay Loam		NCM		
AR42	**11**	B	39	10YR 5/2 Grayish Brown	Sandy Silt		NCM	BOE; FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR42	**12**	A	26	10YR 4/2 Dark Gray Brown	Si-Cl		NCM		
AR42	**12**	B	42	10YR 6/1 Gray Feo2	Si-Cl		NCM	BOE	
AR42	**13**	A	31	10YR 4/4 Dark Yellow Brown	Si-Cl		NCM		
AR42	**13**	B	46	7.5YR 5/6 Strong Brown mottled 10YR 6/3 Pale Brown FEO2	Sa		NCM	BOE	
AR42	**14**	A	20	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM		
AR42	**14**	B	30	10YR 6/3 Pale Brown	Clay Sand		NCM	BOE; FeO2	
AR42	**15**	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM		
AR42	**15**	B	37	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR42	**16**	A	24	10YR 4/2 Dark Grayish Brown	Sandy Loam	<1% rocks and gravel	NCM		
AR42	**16**	B	34	10YR 6/3 Pale Brown	Clay Sand		NCM	BOE; FeO2	
AR43	**1**	A	32	Very Dark Gray (10YR 3/1)	Silt loam FeO2	5% Rock & Gravel	NCM	No Comments	
AR43	**1**	B	47	Greenish Gray (GLEY 1 5/5GY)	Sandy Clay Hydric FeO2	No Rock/Gravel	NCM	BOE	
AR43	**2**	A	24	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR43	**2**	B	34	10YR 6/2 Light Brownish Gray	Silty Sandy Clay		NCM		
AR43	**3**	A	24	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM		
AR43	**3**	B	43	10YR 4/6 Dark Yellow Brown	Sandy Clay	10% Rocks	NCM	Disturbed Sub mixed with a 10YR 5/1 Gray layer	
AR43	**4**	A	30	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam	no rocks	NCM		
AR43	**4**	B	43	10YR 4/1 Dark Gray	Clay	no rocks	NCM	Oxidation	
AR43	**5**	A	24	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam	20% Rocks	NCM		
AR43	**5**	B	38	10YR 4/1 Dark Gray	Sandy Clay	no rocks	NCM	Oxidation	
AR43	**6**	A	23	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM		
AR43	**6**	B	43	10YR 5/1 Gray	Sandy Clay	5% Rocks	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR43	**7**	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR43	**7**	B	28	10YR 4/1 Gray	Clay		NCM	Very Heavy Oxidation	
AR43	**8**	A	20	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR43	**8**	B	33	10YR 4/1 Gray	Clay		NCM	Very Heavy Oxidation	
AR43	**9**	A	26	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM		
AR43	**9**	B	44	10YR 5/1 Gray	Sandy Clay	5% Rocks	NCM		
AR43	**10**	A	25	Very Dark Gray (10YR 3/1)	Silty clay loam	<2% Rock & Gravel	NCM	No Comments	
AR43	**10**	B	29	Dark Gray (10YR 4/1)	Silty Clay FeO2	<1% Rock & Gravel	NCM	this strata was more of a lense btw A&C	
AR43	**10**	C	42	Greenish Gray (GLEY 1 5/10GY)	Clay Hydric FeO2	<1% Small Stones	NCM	BOE	
AR43	**11**	A	19	Very Dark Gray (10YR 3/1)	Silty clay loam	<1% Rock & Gravel	NCM	No Comments	
AR43	**11**	B	30	Greenish Gray (GLEY 1 5/10GY)	Clay Hydric FeO2	<1% Small Stones	NCM	BOE	
AR43	**12**	A	24	10YR 3/1 Very Dark Gray	Silt loam	no rocks	NCM		
AR43	**12**	B	40	10YR 5/1 Gray	Sandy Clay	5% Rocks	NCM		
AR43	**14**	A	13	10YR 4/1 Dark gray	Silty Clay Loam		NCM		
AR43	**14**	A	33	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam	no rocks	NCM		
AR43	**14**	B	25	10YR 5/1 Gray	Clay		NCM	Some Oxidation	
AR43	**14**	B	46	Gley1 4/10Y Dark Greenish Gray	Clay	no rocks	NCM	Oxidation	
AR44	**1**	A	23	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR44	**1**	B	37	10YR 4/1 Dark gray	Clay		NCM		
AR44	**2**	A	27	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**2**	B	47	10YR 5/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**3**	A	32	10YR 3/2 Very Dark Grayish Brown	Sandy clay loam		NCM		
AR44	**3**	B	42	10YR 4/1 Dark gray	Sandy clay		NCM		
AR44	**4**	A	30	Dark Grayish Brown (10YR 4/2)	Clay Sand Loam	<1% Rock & Gravel	NCM	several small roots throughout	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR44	**4**	B	40	Greenish Gray (GLEY 1 5/10GY)	Sandy Clay Hydric Heavy FeO2	<1% Small Stones	NCM	BOE	
AR44	**5**	A	20	Dark Grayish Brown (10YR 4/2)	Clay Sand Loam	<1% Rock & Gravel	NCM	several small roots throughout	
AR44	**5**	B	32	Greenish Gray (GLEY 1 5/10GY)	Sandy Clay Hydric Heavy FeO2	<1% Small Stones	NCM	BOE	
AR44	**6**	A	28	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**6**	B	47	10YR 6/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**7**	A	16	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**7**	B	40	10YR 5/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**8**	A	20	10YR 4/1 Gray	Silty Clay Loam	15% Rock	NCM	Rock Impasse	
AR44	**9**	A	18	10YR 5/2 Grayish Brown	Silty Sandy Clay Loam		NCM	Oxidation	
AR44	**9**	B	25	10YR 3/1 Very Dark Gray mottled with GLEY 1 2.5/N Black	Silty Clay		NCM		
AR44	**9**	C	37	GLEY 1 4/N Dark Gray mottled with GLEY 1 2.5/N Black	Clay		NCM		
AR44	**10**	A	32	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR44	**10**	B	44	Gley 1 2.5/N (black) mottled w 4/N(Dark gray)	Clay		NCM	FeO2	
AR44	**11**	A	22	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**11**	B	42	10YR 6/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**12**	A	23	Dark Grayish Brown (10YR 4/2)	Clay Sand Loam	<1% Rock & Gravel	NCM	several small roots throughout	
AR44	**12**	B	33	GLEY 1 5/10GY Greenish Gray	Sandy Clay Hydric Heavy FeO2	<1% Small Stones	NCM	BOE	
AR44	**13**	A	15	Dark Grayish Brown (10YR 4/2)	Sandy Loam	<2% Rock & Gravel	NCM	some small tree roots	
AR44	**13**	B	25	Light Gray (2.5Y 7/2) mottled w. 2% Gray(2.5Y 5/1)	Clay Sand Heavy FeO2 mottled w. 2% Clay	<1% Rock & Gravel	NCM	BOE	
AR44	**14**	A	10	10YR 3/3 Dark Brown	Silt loam		NCM	Roots	
AR44	**14**	B	20	10YR 5/1 Gray	Clay		NCM	BOE; Roots	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR44	**15**	A	17	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**15**	B	35	Gley1 5/1 Greenish Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**16**	A	6	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR44	**16**	B	19	10YR 4/1 Dark gray	Clay		NCM		
AR44	**17**	A	15	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR44	**17**	B	30	Gley1 5/1 Greenish Gray	Clay	5% Rocks	NCM	Oxidation	
AR44	**18**	A	16	10YR 4/2 Dark Gray Brown	Clay		NCM		
AR44	**18**	B	26	10YR 5/1 Gray	Clay		NCM	BOE; FeO2	
AR44	**19**	A	3	Dark Grayish Brown (10YR 4/2)	Silty clay loam	<1% Rock & Gravel	NCM	No Comments	
AR44	**19**	B	13	Greenish Gray (GLEY 1 5/10GY) mottled w. 40% Grayish Brown(2.5Y 5/2)	Silty Clay FeO2	No Rock/Gravel	NCM	BOE	
AR44	**20**							Log Impasse	
AR44	**21**	A	15	Gley1 4/10Y Dark Greenish Gray	Silt loam	no rocks	NCM		
AR44	**21**	B	28	Gley1 5/N Gray	Silty Clay	no rocks	NCM	Oxidation	
AR44	**21**	C	38	Gley1 2.5/10Y Greenish Black	Silty Clay Loam	no rocks	NCM		
AR44	**21**	D	48	Gley1 6/10GY Greenish Gray	Clay	no rocks	NCM	Oxidation	
AR44	**22**	A	15	Gley1 4/10Y Dark Greenish Gray	Silt loam	no rocks	NCM		
AR44	**22**	B	28	Gley1 5/N Gray	Silty Clay	no rocks	NCM	Oxidation	
AR44	**22**	C	35	Gley1 2.5/10Y Greenish Black	Silty Clay Loam	no rocks	NCM		
AR44	**22**	D	43	Gley1 6/10GY Greenish Gray	Clay	no rocks	NCM	Oxidation	
AR44	**23**	A	11	Dark Grayish Brown (10YR 4/2)	Silty clay loam	<1% Rock & Gravel	NCM	No Comments	
AR44	**23**	B	26	Greenish Gray (GLEY 1 5/10GY) mottled w. 40% Grayish Brown(2.5Y 5/2)	Silty Clay FeO2	No Rock/Gravel	NCM	BOE	
AR45	**1**	A	23	Dark Gray (10YR 4/1)	Silty Clay Loam Alittle FeO2	<2% Rock	NCM	No Comments	
AR45	**1**	B	33	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric Heavy FeO2	<1% Rock	NCM	BOE	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR45	**2**	A	14	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR45	**2**	B	25	10YR 5/1 Gray	Clay	no rocks	NCM	Oxidation	
AR45	**3**							Thicket Root Impasse	
AR45	**4**	A	12	10YR 4/3 Brown	Silt loam		NCM	Root Impasse	
AR45	**5**	A	16	10YR 4/3 Brown	Silt loam		NCM		
AR45	**5**	B	30	10YR 5/1 Gray	Clay		NCM	BOE; FeO2; Mottled w/ 10YR 5/6 Yellowish Brown	
AR45	**6**	A	15	10YR 4/1 Gray	Silty Clay Loam		NCM		
AR45	**6**	B	28	10YR 5/1 Gray	Silty Clay		NCM	Oxidation	
AR45	**7**	A	14	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR45	**7**	B	27	10YR 5/1 Gray	Clay	no rocks	NCM	Oxidation	
AR45	**8**	A	19	Dark Gray (10YR 4/1)	Silty Clay Loam Alittle FeO2	<2% Rock	NCM	No Comments	
AR45	**8**	B	31	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric Heavy FeO2	<1% Rock	NCM	BOE	
AR45	**9**	A	16	Dark Gray (10YR 4/1)	Silty Clay Loam Alittle FeO2	<2% Rock	NCM	Water Impasse	
AR45	**10**	A	12	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR45	**10**	B	29	10YR 5/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR45	**11**	A	20	10YR 4/1 Gray	Silty Clay Loam		NCM		
AR45	**11**	B	32	10YR 5/1 Gray	Silty Clay		NCM	Oxidation	
AR45	**12**	A	15	10YR 4/3 Brown	Silt loam		NCM		
AR45	**12**	B	31	10YR 5/1 Gray	Clay		NCM	BOE; FeO2; Mottled w/ 10YR 5/6 Yellowish Brown	
AR45	**13**	A	8	10YR 4/3 Brown	Silt loam		NCM	Root Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR45	**14**	A	10	10YR 5/3 Brown	Silty Clay Loam		NCM		
AR45	**14**	B	23	10YR 5/1 Gray	Silty Clay		NCM	Oxidation	
AR45	**15**	A	19	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR45	**15**	B	31	10YR 5/1 Gray	Clay	5% Rocks	NCM	Oxidation	
AR45	**16**	A	10	Dark Gray (10YR 4/1)	Silty Clay Loam Alittle FeO2	<2% Rock	NCM	No Comments	
AR45	**16**	B	23	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric Heavy FeO2	<1% Rock	NCM	BOE	
AR45	**17**	A	20	Dark Gray (10YR 4/1)	Silty Clay Loam Alittle FeO2	<2% Rock	NCM	No Comments	
AR45	**17**	B	30	Greenish Gray (GLEY 2 6/5BG)	Clay Hydric Heavy FeO2	<1% Rock	NCM	BOE	
AR45	**18**	A	13	10YR 3/3 Dark Brown	Silt loam	no rocks	NCM		
AR45	**18**	B	29	10YR 5/1 Gray	Clay	no rocks	NCM	Oxidation	
AR45	**19**	A	20	10YR 3/1 Very Dark Gray	Silty Clay Loam		NCM		
AR45	**19**	B	32	10YR 4/1 Gray	Silty Clay		NCM	Oxidation	
AR45	**20**	A	32	10YR 4/3 Brown	Silt loam		NCM		
AR45	**20**	B	46	10YR 5/1 Gray	Clay		NCM	BOE; FeO2; Mottled w/ 10YR 5/6 Yellowish Brown	
AR46	**1**							Surface bedrock	
AR46	**2**	A	27	10YR 3/3 Dark Brown	Silt loam	30% Rocks	NCM	Bedrock Impasse	
AR46	**3**	A	10	10YR 3/3 Dark Brown	Silt loam	30% Rocks	NCM	Bedrock Impasse	
AR46	**4**							Surface bedrock	
AR47	**1**	A	5	10YR 3/3 Dark Brown	Silty Clay Loam	10% Rocks	NCM	Root Impasse, Holes Dug in a thicket with visible Surface Bedrock	
AR47	**2**							Surface bedrock	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR47	**3**							Tree root impasse	
AR48	**1**	A	23	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	2% R+G	NCM		
AR48	**1**	B	33	2.5Y 6/3 Light Yellowish Brown	Clay	3% R+G	NCM	Oxidation	
AR48	**2**	A	23	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	2% R+G	NCM		
AR48	**2**	B	34	2.5Y 6/3 Light Yellowish Brown	Clay	3% R+G	NCM	Oxidation	
AR48	**3**	A	28	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	35% R+G	NCM		
AR48	**3**	B	42	2.5Y 6/3 Light Yellowish Brown	Clay	40% R+G	NCM	Oxidation	
AR48	**4**	A	15	2.5Y 3/2 Very Dark Grayish Brown	Silt loam	20% Gravel	NCM	Root Impasse	
AR49	**1**	A	14	10YR 4/2 Dark Gray Brown	Silt loam	30% R+G	NCM		
AR49	**1**	B	35	10YR 5/6 Yellow Brown	Silt loam	35% R+G	NCM		
AR49	**2**	A	11	Very Dark Grayish Brown (2.5Y 3/2)	Sandy Loam	5% Rock & Gravel	NCM	No Comments	
AR49	**2**	B	25	Grayish Brown (2.5Y 5/2)	Silty Clay FeO2	5% Rock	NCM	BOE	
AR49	**3**	A	36	10YR 4/2 Dark Gray Brown	Silt loam	30% R+G	NCM		
AR49	**3**	B	47	10YR 5/6 Yellow Brown	Silt loam	35% R+G	NCM	Rock Impasse, Hole Has Fill	
AR49	**4**	A	14	10YR 4/2 Dark Gray Brown	Silt loam	30% R+G	NCM	Hole Has Fill	
AR49	**4**	B	29	10YR 5/3 Brown	Sandy Silt	35% R+G	NCM	Rock Impasse, Hole Has Fill	
AR5	**2**	A	18	10YR 4/3 Brown with patches of 10YR 2/2 Very Dark Brown	Sandy Loam		NCM		
AR5	**2**	B	39	10YR 4/6 Dark Yellowish Brown	Sand	2% Pebbles	NCM	Oxidation	
AR5	**2**	C	59	2.5Y 5/3 Light Olive Brown	Coarse Sand	2-5% Pebbles	NCM		
AR50	**1**	A	12	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**1**	B	24	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**1**	C	36	10yr 4/1 (dark gray)	Clay			Compact, FeO2	
AR50	**2**	A	23	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR50	**2**	B	38	10YR 5/1 Gray	Clay	10% Rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	
AR50	**3**	A	26	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM		
AR50	**3**	B	37	10YR 4/1 Gray	Silty Clay		NCM	Oxidation	
AR50	**4**	A	31	Dark Grayish Brown (2.5Y 4/2)	Silty clay loam	<1% Rock/Slate	NCM	No Comments	
AR50	**4**	B	41	Gray (2.5Y 6/1)	Silty Clay Heavy FeO2	<1% Pebbles	NCM	BOE	
AR50	**5**	A	26	Dark Grayish Brown (2.5Y 4/2)	Silty clay loam	<1% Rock/Slate	NCM	No Comments	
AR50	**5**	B	39	Gray (2.5Y 6/1)	Silty Clay Heavy FeO2	<1% Pebbles	NCM	BOE	
AR50	**6**	A	30	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM		
AR50	**6**	B	40	10YR 4/1 Gray	Silty Clay		NCM	Oxidation	
AR50	**7**	A	18	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	
AR50	**7**	B	39	10YR 5/1 Gray	Clay	10% Rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	
AR50	**8**	A	12	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**8**	B	19	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**8**	C	32	10yr 4/1 (dark gray)	Clay			Compact, FeO2	
AR50	**9**	A	14	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**9**	B	40	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**9**	C	52	5yr 4/3 (reddish brown)	Clay			Compact	
AR50	**10**	A	24	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	
AR50	**10**	B	42	10YR 6/3 Pale Brown	Clay	no rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	
AR50	**11**	A	15	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	Compaction Impasse	
AR50	**12**	A	29	Dark Grayish Brown (2.5Y 4/2)	Silty clay loam	<1% Rock/Slate	NCM	No Comments	
AR50	**12**	B	42	Gray (2.5Y 6/1)	Silty Clay Heavy FeO2	<1% Pebbles	NCM	BOE	
AR50	**13**	A	27	Dark Grayish Brown (2.5Y 4/2)	Silty clay loam	<1% Rock/Slate	NCM	No Comments	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR50	**13**	B	37	Gray (2.5Y 6/1)	Silty Clay Heavy FeO2	<1% Pebbles	NCM	BOE	
AR50	**14**	A	27	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM	Compact	
AR50	**14**	B	41	10YR 4/1 Gray	Clay		NCM	Compact, Oxidation	
AR50	**15**	A	22	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	
AR50	**15**	B	39	10YR 6/3 Pale Brown	Clay	no rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	
AR50	**16**	A	13	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**16**	B	27	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**16**	C	38	10yr 4/1 (dark gray)	Clay			Compact, FeO2	
AR50	**17**	A	12	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**17**	B	38	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**17**	C	50	10yr 5/3 (brown)	Clay			Compact, FeO2	
AR50	**18**	A	23	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	
AR50	**18**	B	40	10YR 6/3 Pale Brown	Clay	5% rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	
AR50	**19**	A	26	10YR 3/2 Very Dark Grayish Brown	Silty Clay		NCM		
AR50	**19**	B	37	10YR 4/1 Gray	Clay		NCM		
AR50	**20**	A	30	Dark Grayish Brown (2.5Y 4/2)	Silty Clay	<2% Rock & Gravel	NCM	No Comments	
AR50	**20**	B	40	Grayish Brown (2.5Y 5/2)	Clay Heavy FeO2	No Rock/Gravel	NCM	Extremely Compact Soil/BOE	
AR50	**21**	A	33	Dark Grayish Brown (2.5Y 4/2)	Silty Clay	<2% Rock & Gravel	NCM	No Comments	
AR50	**21**	B	43	Grayish Brown (2.5Y 5/2)	Clay Heavy FeO2	No Rock/Gravel	NCM	Extremely Compact Soil/BOE	
AR50	**22**	A	14	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM	Compaction Impasse	
AR50	**23**	A	26	10YR 3/3 Dark Brown	Silty Clay	no rocks	NCM	Cornfield, Compact Soil	
AR50	**23**	B	42	10YR 6/3 Pale Brown	Clay	5% rocks	NCM	Cornfield, Compact Soil, Compact Soil Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR50	**24**	A	17	10yr 4/2 (dark grayish brown)	Silty Clay Loam			Compact	
AR50	**24**	B	40	10yr 4/2 (dark grayish brown)	Clay			Compact	
AR50	**24**	C	52	10yr 5/3 (brown)	Clay			Compact, FeO2	
AR51	**4**	A	32	10YR 3/3 Dark Brown	Silt loam	30% R+G	NCM	Bedrock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR51	**5**	A	13	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	Area contains exposed surface bedrock and heavy thicket	
AR51	**5**	B	26	10YR 5/6 Yellow Brown	Silt loam	30% R+G	NCM	Bedrock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR51	**6**	A	5	10YR 3/3 Dark Brown	Silt loam	30% R+G	NCM	Bedrock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR51	**7**	A	25	10YR 4/3 Brown	Silt loam	25% R+G	NCM	Rock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR51	**8**	A	3	10YR 3/3 Dark Brown	Silt loam	30% R+G	NCM	Rock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR51	**10**	A	30	10YR 3/3 Dark Brown	Silt loam	35% R+G	NCM	Area contains exposed surface bedrock and heavy thicket	
AR51	**10**	B	40	10YR 5/6 Yellow Brown	Silt loam	30% R+G	NCM	Bedrock Impasse, Area contains exposed surface bedrock and heavy thicket	
AR52	**1**	A	12	10YR 4/3 Brown	Silt loam	30% Gravel	NCM	Gravel Road Near, Compact Gravel Impasse	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR6	**1**	A	6	10yr 2/2 (very dark brown)	Silty Sandy Loam		NCM		
AR6	**1**	B	14	10yr 5/2 (grayish brown)	Silty Sand		NCM		
AR6	**1**	C	32	10yr 3/6 (dark yellowish brown)	Silty Sand		NCM		
AR6	**2**	A	12	10yr 2/2 (very dark brown)	Sandy Loam	5% gravel	NCM		
AR6	**2**	B	15	10yr 5/1 (gray)	Sand	2% gravel	NCM		
AR6	**2**	C	35	10yr 3/6 (dark yellowish brown)	Sand	10% gravel	NCM		
AR6	**2**	D	45	2.5y 5/4 (light olive brown)	Sand	10% gravel	NCM		
AR6	**4**	A	19	10yr 3/2 (very dark grayish brown)	Sandy Loam	1% gravel	NCM		
AR6	**4**	B	46	10yr 6/6 (brownish yellow)	Sand	1% gravel	NCM		
AR6	**5**	A	17	10yr 3/2 (very dark grayish brown) mixed with 10yr 5/1 (gray)	Sandy Loam		NCM		
AR6	**5**	B	40	7.5yr 4/6 (strong brown)	Sand		NCM		
AR6	**5**	C	50	10yr 5/3 (brown)	Sand		NCM		
AR6	**6**	A	8	10yr 2/2 (very dark brown)	Silty Sandy Loam		NCM		
AR6	**6**	B	19	10yr 5/2 (grayish brown)	Silty Sand		NCM		
AR6	**6**	C	36	10yr 3/6 (dark yellowish brown)	Silty Sand		NCM		
AR6	**7**	A	40	10yr 2/2, 5/2, 3/6 mixed	Silty Sandy Loam		NCM	Heavily disturbed mix of A, B, and C found in AR6-1	
AR6	**8**	A	11	10YR 4/2 Dark Gray Brown	Sandy Loam	2-5% pebbles	NCM		
AR6	**8**	B	27	10YR 3/6 Dark Yellowish Brown	Sand	5-10% pebbles	NCM		
AR6	**8**	C	39	10YR 5/3 Brown	Sand	5-10% pebbles	NCM		
AR6	**9**	A	10	10yr 2/2 (very dark brown)	Silty Sandy Loam		NCM		
AR6	**9**	B	16	10yr 5/2 (grayish brown)	Silty Sand		NCM		
AR6	**9**	C	35	10yr 3/6 (dark yellowish brown)	Silty Sand		NCM		
AR6	**10**	A	11	10YR 2/2 Very Dark Brown	Silt loam	no rocks	NCM		
AR6	**10**	B	38	10YR 4/3 Brown	Silt loam	no rocks	NCM		
AR6	**10**	C	48	10YR 5/1 Gray	Silty clay	no rocks	NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR6	**12**	A	18	10yr 3/2 (very dark grayish brown)	Sandy Loam	1% gravel	NCM		
AR6	**12**	B	46	10yr 6/6 (brownish yellow)	Sand	1% gravel	NCM		
AR6	**13**	A	8	10yr 4/3 (brown)	Sandy Loam		NCM		
AR6	**13**	B	20	7.5yr 4/6 (strong brown)	Sand		NCM		
AR6	**13**	C	33	10yr 5/3 (brown)	Sand		NCM		
AR7	**1**	A	22	10YR 4/3 Brown	Sandy Loam		NCM	Tarp Impasse, Disturbed	
AR7	**2**	A	23	10YR 4/3 Brown	Sandy Loam	15% gravel	NCM		
AR7	**2**	B	34	10YR 5/3 Brown	Sand	10% gravel	NCM	BOE	
AR7	**3**	A	20	10YR 4/3 Brown	Sandy Loam	15% gravel	NCM		
AR7	**3**	B	42	10YR 5/3 Brown	Sand	10% gravel	NCM	BOE	
AR7	**4**							Subsoil at Surface, No Dig	
AR8	**1**	A	22	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR8	**1**	B	38	10YR 5/1 Gray	Silty Sandy Clay		NCM	BOE	
AR8	**2**	A	19	10YR 4/2 Dark Gray Brown	Silty Clay Loam		NCM		
AR8	**2**	B	30	2.5Y 5/2 Gray Brown	Fine Silty clay		NCM	BOE; FeO2	
AR8	**3**	A	22	10YR 4/2 Dark Gray Brown	Silt loam	1% gravel	NCM		
AR8	**3**	B	33	10YR 5/4 Yellowish Brown	Silty Clay	1% gravel	NCM	BOE; FeO2	
AR8	**4**	A	20	10YR 4/2 Dark Gray Brown	Silt loam	1% gravel	NCM		
AR8	**4**	A	28	10YR 4/3 Brown	Silty Sandy Loam		NCM		
AR8	**4**	B	37	7.5YR 4/6 Strong Brown	Silty Sand	1% gravel	NCM	BOE; Roots at Bottom	
AR8	**4**	B	42	10YR 3/6 Dark Yellowish Brown	Sand		NCM	BOE	
AR8	**5**	A	25	10YR 2/1 Black	Silt loam		NCM		
AR8	**5**	B	35	2.5YR 4/6 Red	Silty clay		NCM	BOE	
AR8	**6**	A	25	10yr 3/1 (very dark gray)	Loam Silt		NCM	FeO2	

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR8	**6**	B	38	10yr 7/1 (light gray) mottled with 10yr 4/1 (dark gray)	Loamy Sand		NCM	FeO2	
AR8	**6**	C	53	5y 7/6 (yellow)	Fine Sand		NCM	FeO2	
AR8	**6**	D	66	10yr 6/1 (gray)	Silty clay		NCM	FeO2	
AR8	**7**	A	30	10YR 4/3 Brown	Sandy Loam		NCM		
AR8	**7**	B	44	7.5YR 4/6 Strong Brown	Sand		NCM		
AR8	**7**	C	58	10YR 5/3 Brown	Sand		NCM		
AR8	**10**	A	21	10YR 4/3 Brown	Silty Sandy Loam		NCM		
AR8	**10**	B	36	10YR 3/6 Dark Yellowish Brown	Sand		NCM	BOE	
AR8	**11**	A	15	10YR 2/1 Black	Silt loam		NCM		
AR8	**11**	B	19	10YR 4/1 Dark Gray	Sand		NCM		
AR8	**11**	C	29	10YR 3/3 Dark Brown	Silty Sand		NCM	BOE; FeO2	
AR8	**12**	A	23	10yr 3/1 (very dark gray)	Silt loam		NCM	FeO2	
AR8	**12**	B	40	7.5yr 4/6 (strong brown)	Sandy Loam		NCM		
AR8	**12**	C	63	2.5y 6/6 (olive yellow)	Fine Sand		NCM		
AR8	**12**	D	74	10yr 6/2 (light brownish gray)	Clay Sand		NCM	FeO2	
AR8	**13**	A	22	10YR 4/3 Brown	Sandy Loam		NCM		
AR8	**13**	B	30	7.5YR 4/6 Strong Brown	Sand		NCM		
AR8	**13**	C	43	10YR 5/3 Brown	Sand		NCM		
j	**14**	A	21	10YR 3/3 Dark Brown	Silt loam		NCM		
AR8	**14**	B	36	10YR 5/1 Gray	Silty clay		NCM	BOE; FeO2	
AR8	**15**	A	19	10YR 2/2 Very Dark Brown	Silt loam	1% gravel	NCM		
AR8	**15**	B	34	10YR 5/4 Yellow Brown	Silty Sand	1% gravel	NCM	BOE	
AR8	**16**	A	17	10YR 3/2 Very Dark Gray Brown	Silt loam		NCM		
AR8	**16**	B	27	10YR 5/1 Gray	Sandy Loam		NCM		
AR8	**16**	C	37	10YR 4/6 Dark Yellowish Brown	Silty clay		NCM	BOE	
AR8	**17**	A	17	10YR 3/2 Very Dark Greyish Brown	Silty Sandy Loam		NCM		
AR8	**17**	B	23	10YR 5/1 Grey	Fine Silty Sand		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR8	**17**	C	28	10YR 4/4 Dark Greyish Brown	Sand		NCM	Saturated, Pooling Water	
AR8	**19**	A	21	10YR 2/2 Very Dark Brown	Silt loam	1% gravel	NCM		
AR8	**19**	B	40	10YR 5/4 Yellow Brown	Silty Sand	1% gravel	NCM	BOE	
AR8	**20**	A	25	10YR 4/3 Brown	Sandy Loam		NCM		
AR8	**20**	B	35	10YR 5/4 Yellowish Brown	Sand		NCM		
AR8	**21**	A	19	10YR 4/2 Dark Gray Brown	Silt loam	1% gravel	NCM		
AR8	**21**	B	31	7.5YR 4/6 Strong Brown	Silty Sand	1% gravel	NCM	BOE	
AR8	**22**	A	10	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	Mottled with 10YR 5/1 Gray	
AR8	**22**	B	20	10YR 5/1 Gray	Sand		NCM	Hydric, Water Impasse	
AR8	**23**	A	20	10YR 2/2 Very Dark Brown	Silty Sandy Loam		NCM		
AR8	**23**	B	36	10YR 4/1 Dark Gray	Sand		NCM	BOE	
AR8	**24**	A	21	10YR 3/2 Very Dark Gray Brown	Silt loam		NCM		
AR8	**24**	B	31	10YR 5/1 Gray	Sandy Loam		NCM	BOE	
AR8	**26**	A	22	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM		
AR8	**26**	B	36	10YR 4/6 Dark Yellow Brown	Sand		NCM		
AR8	**27**	A	20	10yr 4/2 (dark grayish brown)	Silt loam		NCM		
AR8	**27**	B	38	10yr 5/6 (yellowish brown)	Silt		NCM		
AR8	**28**	A	27	10YR 3/3 Dark Brown	Silt loam		NCM	FeO2	
AR8	**28**	B	37	10YR 5/3 Brown	Sandy Silt		NCM	BOE	
AR8	**29**	A	30	10YR 2/2 Very Dark Brown	Silty Sandy Loam	0	NCM		
AR8	**29**	B	46	10YR 4/1 Dark Gray	Sand	0	NCM	BOE	
AR8	**30**	A	20	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM		
AR8	**30**	B	50	10YR 4/6 Dark Yellow Brown	Sand		NCM		

Access Road	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments	Field Number
AR9	**1**	A	23	10YR 4/2 Dark Gray Brown	Silt loam	1% Gravel	NCM		
AR9	**1**	B	38	10YR 5/3 Brown	Silty Clay	1% Gravel	NCM		
AR9	**2**	A	23	10YR 4/2 Dark Gray Brown	Silt loam		NCM		
AR9	**2**	B	34	10YR 5/1 Gray	Silty Clay		NCM	BOE; FeO2	
AR9	**3**	A	20	10yr 4/1 (dark gray)	Silty Clay Loam		NCM		
AR9	**3**	B	30	10yr 6/1 (gray)	Clay		NCM	FeO2; hydric	
AR9	**4**	A	30	10YR 3/2 Very Dark Grayish Brown	Silty Clay Loam		NCM		
AR9	**4**	B	42	10YR 5/1 Gray	Silty Clay		NCM	FeO2	
AR9	**8**	A	16	10YR 2/2 Very Dark Brown	Sandy Loam	no rocks	NCM		
AR9	**8**	B	29	10YR 2/1 Black	Silt loam	no rocks	NCM		
AR9	**8**	C	39	10YR 5/1 Gray	Sand	no rocks	NCM		
AR9	**8**	D	43	10YR 4/1 Dark Gray	Silty Sand	no rocks	NCM		
AR9	**8**	E	60	2.5Y 3/3 Dark Olive Brown	Compact Sand	no rocks	NCM	Oxidation	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P1	1	A	24	10YR 3/2 Very Dark Grayish Brown	Clayey Loam		NCM	
		B	56	10YR 4/3 Brown	Clayey Loam		NCM	BOE
P1	2	A	34	10YR 3/3 Dark Brown	Clay	10% Roots	NCM	
		B	54	10YR 4/3 Brown	Clay		NCM	BOE
P1	3	A	26	10YR 3/2 Very Dark Grayish Brown	Sandy Clay		NCM	
		B	46	2.5Y 4/3 Olive Brown	Clay		NCM	Discarded modern glass / BOE
P1	4							Not Excavated
P1	5							Not Excavated
P1	6	A	35	10YR 3/2 Very Dark Grayish Brown	Clayey Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P1	7	A	38	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	58	10YR 4/3 Brown mottled with 10YR 5/4 Yellowish Brown	Sand		NCM	BOE
P1	8	A		10YR 2/1 Black	Sandy Loam	40% rocks	NCM	
		B		10YR 5/6 Yellowish Brown	Clay		NCM	BOE
P1	9							Not Excavated
P1	10							Not Excavated
P1	11	A	15	10YR 3/3 Dark Brown	Sandy Loam		NCM	Root Impasse / In Thicket / BOE
P1	12	A	26	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	58	10YR 4/3 Brown	Sand		NCM	BOE
P1	13	A	12	10YR 3/2 Very Dark Grayish Brown	Sand	Heavy Root Activity	NCM	Root and Rock Impasse / BOE
P1	14	A	10	10YR 3/3 Dark Brown	Loam	10% Roots	NCM	
		B	40	10YR 5/2 Grayish Brown	Clayey Loam	10% roots	NCM	BOE
P1	15	A	5	2.5Y 4/4 Olive Brown	Sandy Clay		NCM	
		B	15	2.5Y 5/4 Light Olive Brown	Sandy Clay	>10% Pebbles	NCM	BOE
P1	16	A	26	10YR 3/1 Very Dark Gray	Sandy Clay	Moderate Root Activity	NCM	
		B	52	10YR 4/3 Brown	Clay		NCM	BOE
P1	17	A	11	7.5YR 4/2 Brown	Loamy Sand	>10% Pebbles	NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	15	7.5YR 3/2 Dark Brown	Sandy Loam	>10% Pebbles	NCM	
		C	37	10YR 5/2 Grayish Brown	Sandy Clay	>10% Pebbles	NCM	BOE
P1	18	A	29	10YR 3/1 Very Dark Gray	Sandy Clay	Moderate Root Activity	NCM	
		B	60	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
P1	19	A	24	10YR 2/1 Black	Loam	5% Rocks, 10% roots	NCM	
		B	45	10YR 5/2 Grayish Brown	Clayey Loam	10% roots	NCM	BOE
P1	20	A	27	10YR 3/1 Very Dark Gray	Sandy Clay Loam	Light Root Activity	NCM	
		B	54	10YR 4/3 Brown with oxidation	Sandy Clay		NCM	BOE
P1	21	A	8	7.5YR 3/2 Dark Brown	Loamy Sand	>10% Pebbles	NCM	
		B	26	10YR 3/2 Very Dark Grayish Brown	Sandy Clay	>10% Pebbles	NCM	
		C	46	10YR 5/2 Grayish Brown		>10% Pebbles	NCM	BOE
P1	22	A	22	10YR 4/6 Dark Yellowish Brown	Loams	5% Rocks	NCM	
		B	42	10YR 5/2 Grayish Brown	Clayey Loam	10% roots	NCM	BOE
P1	23	A	13	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Acivity	NCM	
		B	37	10YR 4/3 Brown with oxidation	Sandy Loam	Moderate Root Activity	NCM	BOE
P1	24	A	2	7.5YR 2.5/1 Black	Sandy Loam	>10% Pebbles	NCM	
		B	17	10YR 5/2 Grayish Brown	Sandy Loam	Rock	NCM	BOE
P1	25							Not Excavated
P1	26							Not Excavated
P1	27	A	37	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P1	28	A	10	10YR 4/6 Dark Yellowish Brown	Loams	5% Rocks	NCM	
		B	30	10YR 4/3 Brown	Clay Loam	10% Rocks	NCM	BOE
P1	29	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	41	10YR 4/3 Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P1	30	A	10	7.5YR 3/1 Very Dark Gray	Sandy Loam	20% Pebbles	NCM	
		B	55	10YR 5/2 Grayish Brown	Sandy Clay	20% Pebbles	NCM	BOE
P1	31	A	12	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	47	10YR 4/3 Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P1	32	A	10	10YR 5/2 Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	52	10YR 4/3 Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P1	33							Not Excavated

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P1	34	A	23	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B		10YR 4/3 Brown	Clay		NCM	BOE
P1	35	A	10	7.5YR 4/1 Dark Gray	Sandy Loam	>10% Pebbles	NCM	
		B	30	7.5YR 3/1 Very Dark Gray	Sandy Clay	10% Pebbles	NCM	
			50	10YR 4/1 Dark Gray		10% Pebbles	NCM	BOE
P1	36	A	27	10YR 3/1 Very Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	50	10YR 4/3 Brown	Sandy Loam		NCM	BOE
P1	37							Not Excavated
P1	38							Not Excavated
P1	39	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	50	10YR 4/3 Brown with oxidation	Sandy Loam		NCM	BOE
P1	40	A	15	7.5YR 2.5/2 Very Dark Brown	Sandy Loam	>10% Pebbles	NCM	
		B	49	7.5YR 2.5/1 Black	Sandy Clay	>10% Pebbles	NCM	
		C	69	2.5YR 4/3 Olive Brown	Clay	>10% Pebbles	NCM	BOE
P1	41	A	27	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
		B	47	10YR 5/4 Yellowish Brown	Sand		NCM	BOE
P1	42							Not Excavated
P1	43	A	18	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	34	10YR 4/3 Brown with oxidation	Sandy Loam		NCM	Root Impasse / BOE
P1	44							Not Excavated
P1	45							Not Excavated
P1	46							Not Excavated
P1	47							Not Excavated
P1	48	A	34	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	54	10YR 4/3 Brown with oxidation	Sandy Loam		NCM	BOE
P1	49	A	25	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	55	10YR 4/3 Brown with oxidation	Sandy Loam		NCM	BOE
P1	50	A	26	10YR 3/3 Dark Brown	Loam	5% Roots	NCM	
		B	48	10YR 4/6 Dark Yellowish Brown	Clay	5% Rocks	NCM	BOE
P1	51							Not excavated
P1	52	A	17	7.5YR 3/2 Dark Brown	Sandy Loam	>10% Pebbles	NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	24	10YR 3/3 Dark Brown	Sandy Clay	>10% Pebbles	NCM	
		C	44	2.5YR 3/3 Dark Olive Brown	Clay	>10% Pebbles	NCM	BOE
P1	53							Not Excavated
P1	54	A	29	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	58	10YR 4/3 Brown	Sandy Loam		NCM	BOE
P1	55	A	11	7.5YR 3/2 Dark Brown	Sandy Loam	>10% Pebbles	NCM	
		B	22	10YR 3/1 Very Dark Gray	Sandy Clay	>10% Pebbles	NCM	
		C	47	10YR 4/3 Brown	Clay	>10% Pebbles	NCM	BOE
P1	56	A	32	10YR 3/1 Very Dark Gray	Sandy Loam		NCM	
		B	52	10YR 4/3 Brown	Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P2	1	A	26	10YR 3/3 Dark Brown	Sandy Loam		N=2: Whiteware sherd, flake.	
	1	B	44	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	
	1	C	80	10YR 5/4 Yellowish Brown	Sand		NCM	BOE
P2	1 5E	A	30	10YR 5/3 Brown	Sandy Loam		NCM	
	1 5E	B	58	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P2	1 5S	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	1 5S	B	61	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P2	1 5W	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam		H-N=2 ceramic sherds; P-N=1 chert tool fragment	
	1 5W	B	105	10YR 3/2 Very Dark Grayish Brown	Sandy Loam	10% Gravel	NCM	BOE
P2	1 5S 5E	A	10	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	1 5S 5E	B	24	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	1 5S 5E	C	52	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P2	1 5S 5W	A	25	10YR 3/3 Dark Brown	Sandy Loam		P:N=3 chert flakes	Discarded modern window glass and modern whiteware
	1 5S 5W	B	35	10YR 3/4 Dark Yellowish Brown	Sandy Loam		NCM	
	1 5S 5W	C	68	2.5Y 3/3 Dark Olive Brown	Sand		NCM	BOE
P2	2	A	7	10YR 4/3 Brown	Sandy Loam	20% Pebbles		Discarded Modern Plastic
	2	B	27	10YR 3/4 Dark Yellowish Brown	Sandy Clay	20% Pebbles	NCM	
	2	C	50	10YR 4/4 Dark Yellowish Brown	Sand	20% Pebbles	NCM	
	2	D	70	2.5Y 4/4 Olive Brown	Sand	>10% Pebbles	NCM	
P2	2 5E	A	10	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	2 5E	B	28	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	2 5E	C	60	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P2	2 5S	A	14	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	2 5S	B	34	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	2 5S	C	60	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P2	3	A	28	10YR 2/2 Very Dark Brown	Sandy Loam	10% Pebbles	NCM	
	3	B	40	10YR 7/8 Yellow	Sand	20% Pebbles	N=1: Flake	
	3	C	55	10YR 2/2 Dark Brown	Sand	10% Pebbles	NCM	BOE
P2	3 5N	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam			Doscarded modern clear bottle glass
	3 5N	B	40	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	
	3 5N	C	72	10YR 4/1 Dark Gray	Sand	10% Cobbles and Gravel	NCM	BOE
P2	3 5W	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	3 5W	B	72	10YR 3/3 Dark Brown	Sand	10% Gravel	NCM	BOE
P2	3 5E	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	3 5E	B	63	10YR 3/3 Dark Brown	Sand	15% Cobbles and Gravel	NCM	BOE
P2	3 5N 5E	A	7	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
	3 5N 5E	B	38	10YR 3/4 Dark Yellowish Brown	Sand	20% Gravel	NCM	
	3 5N 5E	C	50	10YR 4/4 Dark Yellowish Brown	Sand	20% Gravel	NCM	BOE
P2	3 5N 5W	A	30	10YR 4/3 Brown	Sandy Loam		NCM	
	3 5N 5W	B	40	10YR 5/4 Yellowish Brown	Sand	10% Gravel	NCM	
	3 5N 5W	C	60	10YR 2/1 Black	Sand	10% Gravel	NCM	BOE
P2	3 5S 5E	A	25	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	3 5S 5E	B	40	10YR 6/6 Brownish Yellow	Sand			Discarded Modern Glass
	3 5S 5E	C	60	10YR 3/2 Very Dark Grayish Brown	Sand		NCM	BOE
P2	3 2.5E	A	30	10YR 4/3 Brown	Sandy Loam		H:N=1 Square nail	
	3 2.5E	B	50	10YR 5/4 Yellowish Brown	Sand	10% Gravel		
	3 2.5E	C	75	10YR 2/1 Black	Sand	10% Gravel		BOE
P2	4	A	7	10YR 3/3 Dark Brown	Sandy Loam	>10 Pebbles	NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
	4	B	32	10YR 4/2 Dark Grayish Brown	Loamy Clay	20% Pebbles	N=1: square nail	
	4	C	52	10YR 4/3 Brown	Sandy Clay	10% Pebbles	NCM	BOE
P2	5	A	8	7.5YR 3/2 Dark Brown	Sandy Clay	>10% Pebbles	NCM	
	5	B	30	7.5YR 4/3 Brown	Sandy Clay	20% Pebbles	NCM	
	5	C	50	10YR 5/4 Yellowish Brown	Sand	20% Pebbles	NCM	BOE
P2	6	A	25	10YR 3/3 Dark Brown	Sandy Loam		N=4: Ceramic sherds	
	6	B	33	10YR 5/3 Brown	Sand	5% Cobbles and Gravel	NCM	
	6	C	70	10YR 3/1 Very Dark Gray	Sand	5% Gravel	NCM	BOE
P2	6 5N	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	6 5N	B	33	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	
	6 5N	C	79	10YR 4/1 Dark Gray	Sand	10% Cobbles and Gravel	NCM	BOE
P2	6 5W	A	20	10YR 3/3 Dark Brown	Sandy Loam			Discarded modern glass
	6 5W	B	30	10YR 6/6 Brownish Yellow	Sand		NCM	
	6 5W	C	52	10YR 3/2 Very Dark Grayish Brown	Sand		NCM	BOE
P2	7	A	15	10YR 3/3 Dark Brown	Sandy Loam			Discarded modern metal
	7	B	40	10YR 2/1 Black	Sandy Loam		NCM	
	7	C	77	10YR 6/6 Brownish Yellow	Sand		NCM	BOE
P2	8	A	21	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	8	B	53	10YR 4/3 Brown	Sand	2% Gravel	NCM	BOE
P2	8 5S	A	25	10YR 4/3 Brown	Sandy Loam		H:N=1 ceramic sherd	
	8 5S	B	37	10YR 3/4 Dark Yellowish Brown	Sandy Loam		NCM	
	8 5S	C	67	2.5Y 3/3 Dark Olive Brown	Sand		NCM	BOE
P2	9	A	28	10YR 2/2 Very Dark Brown	Sandy Loam	10% Pebbles	NCM	
	9	B	40	10YR 7/8 Yellow	Sand	20% Pebbles	NCM	
	9	C	55	10YR 2/2 Dark Brown	Sand	10% Pebbles	NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P2	10	A	25	10YR 3/3 Dark Brown	Sandy Loam		N=1:Ceramic sherd	Discarded modern window glass
	10	B	29	10YR 5/3 Brown	Sand		NCM	
	10	C	70	10YR 3/1 Very Dark Gray	Sand	5% Gravel	NCM	BOE
P2	10 5N	A	30	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	10 5N	B	50	10YR 2/2 Very Dark Brown	Sand	5% Pebbles	NCM	
	10 5N	C	70	10YR 3/2 Very Dark Grayish Brown	Sand	5% Pebbles	NCM	BOE
P2	11	A	6	10YR 3/3 Dark Brown	Sandy Clay	>10% Pebbles	NCM	
	11	B	14	10YR 4/3 Brown	Sandy Clay	20% Pebbles	NCM	
	11	C	34	10YR 5/4 Yellowish Brown	Sand	25% Pebbles	NCM	BOE
P2	12	A	28	10YR 3/3 Dark Brown	Sandy Loam		NCM	
	12	B	67	10YR 3/1 Very Dark Gray	Sand	5% Gravel	NCM	BOE
P2	13	A	15	10YR 2/2 Very Dark Brown	Sandy Loam	10% Pebbles	NCM	
	13	B	28	10YR 3/4 Dark Yellowish Brown	Sandy Loam	10% Pebbles	NCM	
	13	C	45	10YR 2/2 Dark Brown	Sand	10% Pebbles	NCM	BOE
P2	14	A	26	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	14	B	51	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	
	14	C	60	10YR 4/1 Dark Gray	Sand	50% Cobbles	NCM	Rock Impasse / BOE
P2	15	A	30	10YR 3/3 Dark Brown	Loam		NCM	
	15	B	50	10YR 3/4 Dark Yellowish Brown	Sandy Loam			Discarded modern glass
	15	C	75	10YR 2/2 Very Dark Brown	Sand		NCM	BOE
P2	16	A	30	10YR 3/2 Dark Grayish Brown	Loam		N=1: Whiteware	
	16	B	45	10YR 3/4 Dark Yellowish Brown	Sandy Loam		NCM	
	16	C	60	10YR 2/2 Very Dark Brown	Sand		NCM	BOE
P2	16 5N	A	33	10YR 3/3 Dark Brown	Sandy Loam			Discarded modern glass
	16 5N	B	60	10YR 2/2 Very Dark Brown	Sand	1% Pebbles	NCM	
	16 5N	C	78	10YR 3/2 Very Dark Grayish Brown	Sand	1% Pebbles	NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P2	16 5S	A	38	10YR 3/3 Dark Brown	Sandy Loam		N=2: Ceramics	
	16 5S	B	55	10YR 2/2 Very Dark Brown	Sand	1% Pebbles	NCM	
	16 5S	C	77	10YR 3/2 Very Dark Grayish Brown	Sand	5% Pebbles	NCM	
P2	17	A	15	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
	17	B	37	10YR 3/2 Very Dark Grayish Brown with oxidation	Sandy Loam	Moderate Root Activity	N=1: Square Nail	
	17	C	89	10YR 3/3 Dark Brown	Sand		NCM	
	17	D	101	2.5YR 3/1 Very Dark Gray	Sand		NCM	BOE
P2	17 5S	A	30	10YR 3/3 Dark Brown	Sandy Loam	10% Roots		Discarded modern glass
	17 5S	B	44	10YR 2/2 Very Dark Brown	Sand	20% Pebbles	NCM	
	17 5S	C	67	10YR 3/2 Very Dark Grayish Brown	Sand	30% Pebbles	NCM	BOE
P2	17 5N	A	41	10YR 3/3 Dark Brown	Sandy Loam		N=1: Ceramic	
	17 5N	B	52	10YR 2/2 Very Dark Brown	Sand	5% Pebbles	NCM	
	17 5N	C	80	10YR 3/2 Very Dark Grayish Brown	Sand	5% Pebbles	NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P3	1	A	64	10YR 4/3 Brown motteld with 10YR 4/6 Dark Yellowish Brown	Sand	20% Gravel	NCM	Possible Fill Level / Rock Impasse / BOE
P3	2	A	30	10YR 3/3 Dark Brown	Sandy Loam	10% Roots, 20% Rocks	NCM	
		B	55	10YR 4/2 Dark Grayish Brown	Sandy Loam	10% Roots, 20% Rocks	NCM	BOE
P3	4	A	17	10YR 4/3 Brown	Sandy Loam	25% Gravel		Discarded plastic and modern wire metal nail
		B	32	10YR 4/6 Dark Yellowish Brown	Sand	25% Gravel	NCM	Compact Gravel Impasse / BOE
P3	5	A	25	10YR 3/3 Dark Brown	Sandy Loam	5% Roots, 5% Rocks	NCM	
		B	50	10YR 4/6 Dark Yellowish Brown	Sandy Loam	5% Roots, 5% Rocks	NCM	Root Impasse / BOE
P3	6	A	37	10YR 4/3 Brown	Sandy Loam	10% Gravel		Discarded plastic and small animal bone fragements
		B	58	10YR 4/6 Dark Yellowish Brown	Sand	10% Gravel	NCM	BOE
P3	7	A	45	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	52	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	Rock Impasse / BOE
P3	8	A	24	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	57	10YR 3/6 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P3	9	A	40	10YR 4/2 Dark Grayish Brown mottled with 10YR 4/6 Dark Yellowish Brown	Sandy Loam	30% Gravel	NCM	Disturbed Compaction Impasse / BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P4	1	A	44	10YR 4/3 Brown	Sandy Loam		NCM	
		B	67	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	2	A	15	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	55	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	3	A	29	10YR 4/3 Brown	Sandy Loam		NCM	
		B	58	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	4	A	15	10YR 4/3 Brown	Loam		NCM	
		B	25	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	45	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	5	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	44	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	6	A	15	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	50	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	7	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	48	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	8	A	20	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	58	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	9	A	21	10YR 4/3 Brown	Sandy Loam		NCM	
		B	48	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	10	A	20	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	50	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	11	A	24	10YR 4/3 Brown	Sandy Loam		NCM	
		B	56	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	12	A	31	10YR 4/3 Brown	Sandy Loam	Root Activity	NCM	
		B	55	2.5Y 4/2 Dark Grayish Brown with oxidation	Sandy Loam		NCM	BOE
P4	13	A	20	10YR 4/3 Brown	Loam		NCM	
		B	35	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	50	10YR 4/1 Gray	Sand		NCM	BOE
P4	14	A	20	10YR 4/3 Brown	Loam		NCM	
		B	35	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	58	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	15	A	16	10YR 4/3 Brown	Sandy Loam	Root Activity	NCM	
		B	46	10YR 5/4 Yellowish Brown mixed with 10YR 5/2 Grayish Brown	Sand mixed with Sandy Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P4	16	A	26	10YR 4/3 Brown	Sandy Loam	Root Activity	NCM	
		B	50	10YR 5/4 Yellowish Brown mixed with 10YR 5/2 Grayish Brown	Sand mixed with Sandy Clay		NCM	BOE
P4	17	A	20	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	50	10YR 6/1 Gray	Silty Sand		NCM	BOE
P4	18	A	21	10YR 4/3 Brown	Sandy Loam		NCM	
		B	45	10YR 5/4 Yellowish Brown mottled with 10YR 5/2 Grayish Brown	Sandy Clay		NCM	BOE
P4	19	A	20	10YR 4/3 Brown	Loam		Modern Plastic Discarded	
		B	35	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	53	10YR 6/1 Light Gray	Silty Sand		NCM	BOE
P4	20	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	47	10YR 5/4 Yellowish Brown mottled with 10YR 5/2 Grayish Brown	Sandy Clay		NCM	BOE
P4	21	A	29	10YR 4/3 Brown	Sandy Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown mottled with 10YR 5/2 Grayish Brown	Sandy Clay		NCM	BOE
P4	22	A	18	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	50	10YR 6/1 Light Gray	Silty Sand		NCM	BOE
P4	23	A	34	10YR 4/3 Brown	Sandy Loam		NCM	
		B	56	10YR 5/4 Yellowish Brown mottled with 10YR 5/2 Grayish Brown	Sandy Clay		NCM	BOE
P4	24	A	20	10YR 4/3 Brown	Loam		NCM	
		B	35	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	55	10YR 6/1 Light Gray	Silty Sand		NCM	BOE
P4	25	A	29	10YR 4/3 Brown	Sandy Loam		NCM	
		B	59	10YR 5/4 Yellowish Brown mottled with 10YR 5/2 Grayish Brown	Sandy Clay		NCM	BOE
P4	26	A	30	10YR 4/3 Brown	Sandy Loam	Moderate Root Activity	NCM	
		B	51	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	
		C	72	10YR 3/4 Dark Yellowish Brown	Sand		NCM	BOE
P4	26	A	30	10YR 4/3 Brown	Sandy Loam		NCM	
		B	51	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	
		C	72	10YR 3/4 Dark Yellowish Brown	Sand		NCM	BOE
P4	27	A	33	10YR 3/3 Dark Brown	Sandy Loam		NCM	
		B	42	10YR 3/4 Dark Yellowish Brown	Sand		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		C	78	2.5Y 4/2 Dark Grayish Brown	Sand		NCM	BOE
P4	28	A	20	10YR 4/3 Brown	Silt Loam		NCM	
		B	30	10YR 6/6 Brownish Yellow	Sandy Silt		NCM	
		C	55	10YR 4/1 Dark Gray	Sandy Silt		NCM	BOE
P4	29	A	25	10YR 4/3 Brown	Sandy Loam		NCM	
		B	52	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P4	30	A	20	10YR 4/3 Brown	Silt Loam		NCM	
		B	35	10YR 4/6 Dark Yellow Brown	Clay		NCM	
		C	55	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE
P4	31	A	29	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	57	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	BOE
P4	32	A	30	10YR 4/3 Brown	Silt Loam		NCM	
		B	35	10YR 6/6 Brownish Yellow	Sandy Silt		NCM	
		C	55	10YR 4/1 Dark Gray	Sandy Silt		NCM	BOE
P4	33	A	34	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	54	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P4	34	A	30	10YR 4/3 Brown	Silt Loam		NCM	
		B	45	10YR 6/6 Brownish Yellow	Sandy Silt		NCM	
		C	65	10YR 4/1 Dark Gray	Sandy Silt		NCM	BOE
P4	35	A	31	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	61	10YR 4/4 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P4	36	A	20	10YR 4/3 Brown	Silt Loam		NCM	
		B	35	10YR 4/6 Dark Yellowish Brown	Clay		NCM	
		C	55	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE
P4	37	A	25	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	50	10YR 4/4 Dark Yellowish Brown	Loamy Clay		NCM	BOE
P4	38	A	20	10YR 4/3 Brown	Silt Loam		NCM	
		B	35	10YR 4/6 Dark Yellowish Brown	Clay		NCM	
		C	55	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE
P4	39	A	16	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	40	10YR 4/4 Dark Yellowish Brown	Loamy Clay		NCM	BOE
P4	40	A	20	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	Heavy Root Activity
		B	50	10YR 4/4 Dark Yellowish Brown	Loamy Clay		NCM	BOE
P4	41	A	20	10YR 4/3 Brown	Clay		NCM	
		B	30	10YR 4/6 Dark Yellowish Brown	Clay		NCM	
		C	50	10YR 4/2 Dark Grayish Brown	Clay		NCM	BOE
P4	42	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	44	10YR 4/4 Dark Yellowish Brown	Loamy Clay		NCM	BOE
P4	43	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	30	10YR 5/3 Brown	Sandy Loam		NCM	
		C	50	10YR 5/1 Gray	Clay		NCM	BOE
P4	44	A	31	10YR 4/3 Brown	Sandy Loam		NCM	
		B	51	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	BOE
P4	45	A	29	10YR 4/3 Brown	Sandy Loam		NCM	
		B	52	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	BOE
P4	46	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown	Silt		NCM	BOE
P4	47	A	28	10YR 4/3 Brown	Sandy Loam		NCM	
		B	40	10YR 5/4 Yellowish Brown	Silt		NCM	BOE
P4	48	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	40	10YR 5/3 Brown	Sandy Loam		NCM	
		C	60	10YR 5/1 Gray	Clay		NCM	BOE
P4	49	A	30	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	50	10YR 6/4 Light Yellowish Brown	Fine Sandy Loam			Heavy FeO2 / BOE
P4	50	A	27	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	51	10YR 5/1 Gray	Very Fine Sandy Loam		NCM	BOE
P4	51	A	27	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	44	10YR 3/4 Dark Yellowish Brown	Sandy Loam		NCM	
		C	65	2.5Y 4/1 Dark Gray	Sand		NCM	BOE
P4	52	A	18	10YR 4/3 Brown	Silty Clay		NCM	
		B	38	10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	
		C	52	10YR 4/1 Dark Gray	Sandy Loam		NCM	FEO2 / BOE
P4	53	A	28	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	Field Stone Impasse / BOE
P4	54	A	10	10YR 4/3 Brown	Loam		NCM	
		B	20	10YR 5/4 Yellowish Brown	Clayey Loam		N=1 - flake	
		C	40	10YR 6/4 Light Yellowish Brwon	Clayey Silt		NCM	
P4	54 5N 5E	A	29	10YR 4/3 Brown	Silt Loam		NCM	
		B	40	10YR 4/1 Dark Gray	Silt Loam		NCM	Field Stone Impasse / BOE
P4	54 5N	A	36	10YR 4/3 Brown	Silt Loam		NCM	
		B	40	10YR 4/1 Dark Gray	Silt Loam		NCM	Field Stone Impasse / BOE
P4	54 5E	A	24	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	40	10YR 4/4 Dark Yellowish Brown	Silt Loam		NCM	Field Stone Impasse / BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P4	54 2.5E	A	35	10YR 4/3 Brown	Silt Loam	5% Cobbles	NCM	
		B	50	10YR 4/4 Dark Yellowish Brown	Silt Loam	5% Cobbles	NCM	Rock Impasse / BOE
P4	54 2.5N	A	24	10YR 4/3 Brown	Silt Loam		NCM	
		B	42	10YR 4/4 Dark Yellowish Brown	Silt Loam		NCM	Rock Impasse / BOE
P4	55	A	15	10YR 4/2 Dark Grayish Brown	Silt Loam	2% gravel		Plastic discarded
		B	34	10YR 3/6 Dark Yellowish Brown	Sandy Loam	2% gravel	NCM	
		C	58	10YR 5/3 Brown	Sandy Loam	2% gravel	NCM	BOE
P4	56	A	26	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	57	10YR 3/6 Dark Yellowish Brown	Clayey Loam		NCM	BOE
P4	57	A	20	10YR 4/3 Brown	Silty Clay Loam		NCM	
		B	40	7.5YR 4/6 Strong Brown	Clay		NCM	Heavy FEO2 / BOE
P4	58	A	24	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	N=1 - flake	
		B	48	10YR 6/1 Gray	Clay			Heavy FeO2 / BOE
P4	58 5S	A	20	10YR 3/4 Dark Yellowish Brown	Loamy Sand		NCM	
		B	40	10YR 4/2 Dark Grayish Brown with oxidation	Hydric Clayey Silt		NCM	BOE
P4	58 58	A	27	10YR 3/4 Dark Yellowish Brown	Loamy Sand		NCM	
		B	47	10YR 4/2 Dark Grayish Brown with oxidation	Hydric Clayey Silt		NCM	BOE
P4	58 5N 5E	A	24	10YR 4/3 Brown	Silt Loam		NCM	
		B	48	10YR 5/4 Yellowish Brown with oxidation	Clay		NCM	BOE
P4	58 2.5S	A	30	10YR 4/3 Brown	Silt Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown with oxidation	Clay		NCM	BOE
P4	58 2.5E	A	28	10YR 4/3 Brown	Silt Loam		NCM	
		B	48	10YR 5/4 Yellowish Brown with oxidation	Clay		NCM	BOE
P4	59	A	15	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	35	10YR 5/2 Grayish Brown	Clayey Silt		NCM	
P4	60	A	27	10YR 3/3 Brown	Silt Loam	Root Activity	NCM	
		B	44	10YR 3/6 Dark Yellowish Brown	Clayey Loam	Heavy Root Activity	NCM	Root Impasse / BOE
P4	61	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	46	10YR 5/3 Brown	Sandy Loam		NCM	BOE
P4	62	A	15	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	
		B	42	10YR 3/3 Dark Brown	Sandy Loam		NCM	BOE
P4	63	A	5	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	Root Impasse / BOE
P4	64	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	40	10YR 5/4 Yellowish Brown	Silt		NCM	BOE
P4	65	A	29	10YR 4/2 Dark Grayish Brown	Sandy Loam	2% Gravel	P:N=quartzite flake	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	52	10YR 5/4 Yellowish Brown	Sandy Loam	2% Gravel	NCM	BOE
P4	65 5W	A	15	10YR 4/1 Dark Gray	Silt Loam		NCM	
		B	20	10YR 5/1 Gray	Clayey Loam		NCM	BOE
P4	65 2.5W	A	19	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	38	10YR 5/1 Gray	Clayey Loam			Bone discarded / BOE
P4	65 2.5N	A	25	10YR 4/2 Dark Grayish Brown	Silt Loam	<5% Shale, Gravel	NCM	
		B	48	10YR 5/6 Yellowish Brown	Silty Clay	<1% Rocks and Gravel	NCM	BOE
P4	65 2.5W	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam	<5% Shale, Gravel	NCM	
		B	42	10YR 5/6 Yellowish Brown	Silty Clay	<1% Rocks and Gravel	NCM	
P4	66	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam	2% Gravel	NCM	
		B	44	10YR 5/3 Brown	Sandy Loam		NCM	BOE
P4	67	A	20	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	40	10YR 5/4 Yellowish Brown	Clay		NCM	BOE
P4	68	A	19	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	40	10YR 5/3 Brown	Sandy Loam		NCM	BOE
P4	65 5N5W	A	9	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	32	10YR 5/1 Gray	Clayey Loam	<1% rocks and gravel	NCM	
P4	65 5N5W	A	16	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	30	10YR 5/3 Brown	Silt Loam	2% rocks and gravel	NCM	
		C	52	10YR 6/1 Gray	Clay	<1% rocks and gravel	NCM	BOE
P4	69	A	30	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown	Silt		NCM	
		C	70	10YR 6/1 Light Gray	Sandy Loam		NCM	BOE
P4	70	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown	Silty Sand		NCM	
		C	70	10YR 6/1 Gray	Sand		NCM	BOE
P4	71	A	16	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	36	10YR 5/3 Brown	Sandy Loam		NCM	BOE
P4	72	A	30	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	50	10YR 5/4 Yellowish Brown	Clay		N=1 Flake	
		C	75	10YR 4/6 Dark Yellowish Brown	Clay		NCM	BOE
P4	72-5N	A	20	10YR 3/2 Very Dark Gray	Loam			Discarded Modern Trash
		B	50	10YR 4/2 Dark Grayish Brown	Calyey Silt		NCM	Oxidation at bottom
P4	72-5S,5W	A	10	10YR 2/1 Black	Loam			Compost/Refuse disarded, modern animal bones
		B	30	10YR 2/2 Very Dark Brown	Loam			Manure

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
			60	10YR 4/2 Dark Grayish Brown	Clayey Silt		NCM	
P4	72 5S	A	18	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	35	10YR 4/2 Dark Grayish Brown	Clayey Loam	Compact Soil	N=1 - Quartzite flake	
		C	57	10YR 5/3 Brown	Clayey Loam		NCM	BOE
P4	72 7.5N	A	10	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	36	10YR 4/2 Dark Grayish Brown	Clayey Loam	Compact Soil	NCM	
		C	60	10YR 5/3 Brown	Clayey Loam		NCM	BOE
P4	73	A	10	10YR 4/3 Brown	Loam		NCM	
		B	30	10YR 5/2 Grayish Brown	Clayey Silt		NCM	
P4	74	A	17	10YR 2/1 Balck	Silt Loam		NCM	
		B	37	10YR 5/3 Brown	Clayey Loam	Compact Soil	NCM	BOE
P4	75	A	16	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	20	10YR 4/2 Dark Grayish Brown	Clay Loam		NCM	BOE
P4	76	A	9	10YR 3/2 Very Dark Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	18	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		C	37	10YR 6/1 Gray	Clayey Loam		NCM	BOE
P4	77	A	13	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	45	10YR 5/3 Brown	Clayey Loam	Compact Soil	NCM	BOE
P4	78	A	20	10YR 4/3 Brown	Loam		NCM	
		B	40	10YR 5/2 Grayish Brown	Clayey Silt		NCM	
P4	79	A	24	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	32	10YR 5/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		C	55	10YR 7/1 Light Gray	Clay		NCM	Heavy FeO2 / BOE
P4	80	A	10	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	20	10YR 4/2 Dark Grayish Brown	Clay Loam		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	1	A	27	10YR 3/3 Brown	Sandy Loam		NCM	
		B	52	10YR 5/2 Grayish Brown mixed with 10YR 4/6 Dark Yellowish Brown	Sandy Loam		NCM	BOE
P5	2	A	18	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	37	10YR 7/1 Light Gray	Silty Clay Loam		NCM	FEO2 / BOE
P5	3	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	40	10YR 5/4 Yellowish Brwon	Clayey Silt with oxidation		NCM	BOE
P5	4	A	20	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	40	10YR 5/1 Gray	Clayey Loam		NCM	BOE
P5	5	A	20	10YR 4/3 Brown	Silty Clay		NCM	
		B	47	10YR 5/1 Gray	Silty Clay Loam		NCM	BOE
P5	6	A	20	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	41	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE
P5	7	A	30	10YR 4/3 Brown	Loam		NCM	
		B	50	10YR 6/2 Light Brownish Gray	Clayey Silt		NCM	BOE
P5	8	A	25	10YR 4/3 Brown	Silty Clay		NCM	
		B	48	10YR 5/1 Gray with oxidation	Silty Clay Loam		NCM	BOE
P5	9	A	19	10YR 3/3 Brown	Silt Loam		NCM	
		B	52	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE
P5	10	A	24	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	33	10YR 4/2 Dark Grayish Brown	Silty Clay	<1% rocks and gravel	NCM	
		C	53	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE
P5	11	A	17	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	32	10YR 4/2 Dark Grayish Brown	Silty Clay	<1% rocks and gravel	NCM	
		C	52	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	12	A	22	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	43	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE
P5	13	A	27	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	49	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE
P5	14							Unexcavated - standing water
P5	15	A	26	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	48	10YR 6/1 Gray	Clayey Loam		NCM	BOE
P5	16	A	26	10YR 3/3 Brown	Silt Loam		NCM	
		B	55	10YR 5/4 Yellowish Brown	Silty Clay		NCM	BOE
P5	17	A	22	10YR 4/3 Brown	Silty Clay		NCM	
		B	43	10YR 5/1 Gray with oxidation	Silty Clay Loam		NCM	BOE
P5	18	A	20	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	53	10YR 5/1 Gray	Silty Clay		NCM	Hydric Soil / BOE
P5	19	A	23	10YR 4/3 Brown	Silty Clay		NCM	
		B	45	10YR 5/1 Gray with oxidation	Silty Clay Loam		NCM	BOE
P5	20	A	20	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	45	10YR 5/1 Gray	Clayey Loam		NCM	BOE
P5	21	A	21	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	50	10YR 5/1 Gray with oxidation	Silty Clay		NCM	Hydric Soil / BOE
P5	22	A	30	10YR 4/3 Brown	Loam		NCM	
		B	50	10YR 6/2 Light Brownish Gray with heavy oxidation	Clayey Silt		NCM	BOE
P5	23	A	26	10YR 4/3 Brown	Silt Loam	<1% rocks and gravel	NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	56	10YR 5/2 Grayish Brown mottled with 10YR 4/6 Dark Yellowish Brown	Silty Clay		NCM	BOE
P5	24	A	24	10YR 4/3 Brown	Silty Clay		NCM	
		B	44	10YR 5/1 Gray with oxidation	Silty Clay Loam		NCM	BOE
P5	25	A	19	10YR 4/3 Brown	Silt Loam		NCM	
		B	40	10YR 6/1 Gray with heavy FE02	Silty Clay		NCM	BOE
		C	55	2.5Y 4/3 Olive Brown with oxidation	Silty Clay		NCM	BOE
P5	26	A	20	10YR 4/3 Brown	Loam		NCM	
		B	40	10YR 6/2 Light Brownish Gray	Clayey Silt		NCM	BOE
P5	27	A	30	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	55	2.5Y 4/3 Olive Brown with oxidation	Silty Clay		NCM	BOE
P5	28	A	30	10YR 4/3 Brown	Loam		NCM	
		B	50	10YR 6/2 Light Brownish Gray with heavy oxidation	Clayey Silt		NCM	BOE
P5	29	A	42	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	63	10YR 6/1 Gray	Clayey Loam		NCM	BOE
P5	30	A	36	10YR 4/3 Brown	Silty Clay		NCM	
		B	58	10YR 5/1 Gray with oxidation	Silty Clay Loam		NCM	BOE
P5	31	A	27	10YR 4/3 Brown	Silt Loam		NCM	
		B	52	10YR 6/1 Gray with heavy FE02	Silty Clay		NCM	BOE
P5	32	A	36	10YR 5/2 Grayish Brown	Silt Loam		NCM	
		B	47	10YR 4/1 Dark Gray	Silty Clay		NCM	
		C	67	GLEY1 6/5GY Greenish Gray	Silty Clay		NCM	BOE
P5	33	A	38	10YR 3/3 Dark Brown	Silt Loam			
		B	58	10YR 5/1 Gray	Clayey Silt		NCM	BOE
P5	34	A	20	10YR 3/ Dark Brown	Silt Loam		NCM	
		B	50	10YR 5/3 Brown with oxidation	Silty Clay		NCM	BOE
P5	35	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	43	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	36	A	18	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	34	10YR 5/1 Gray	Silty Clay		NCM	BOE
P5	37	A	17	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	37	10YR 5/1 Gray with FEO2	Clayey Loam		NCM	BOE
P5	38	A	14	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	34	10YR 5/1 Gray with FEO2	Clayey Loam		NCM	BOE
P5	39	A	24	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	40	10YR 5/1 Gray	Silty Clay		NCM	BOE
P5	40	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	51	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	41	A	28	10YR 3/ Dark Brown	Silt Loam		NCM	
		B	67	10YR 5/3 Brown with oxidation	Silty Clay		NCM	BOE
P5	42	A	30	10YR 3/3 Dark Brown	Silt Loam			
		B	50	10YR 5/1 Gray	Clayey Silt		NCM	BOE
P5	43	A	34	10YR 5/2 Grayish Brown	Silt Loam		NCM	
		B	45	10YR 4/1 Dark Gray	Silty Clay		Square nails	
		C	65	GLEY1 6/5GY Greenish Gray	Silty Clay		NCM	BOE
P5	44	A	26	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	49	GLEY1 7/5 6Y Greenish Gray	Silty Clay		NCM	BOE
P5	45	A	29	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	49	GLEY1 7/5 6Y Greenish Gray	Silty Clay		NCM	BOE
P5	46	A	35	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	45	10YR 4/1 Dark Gray	Clayey Silt		NCM	
		C	65	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	BOE
P5	47	A	40	10YR 3/3 Dark Brown	Silt Loam			
		B	60	10YR 5/1 Gray	Clayey Silt		NCM	BOE
P5	48	A	26	10YR 3/ Dark Brown	Silt Loam		NCM	
		B	54	10YR 5/3 Brown with oxidation	Silty Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	49	A	27	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	50	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	50	A	19	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	37	10YR 5/1 Gray with FEO2	Clayey Loam		NCM	BOE
P5	51	A	28	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	50	10YR 5/1 Gray with FEO2	Clayey Loam		NCM	BOE
P5	52	A	30	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	52	10YR 5/1 Gray	Silty Clay		NCM	BOE
P5	53	A	32	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	54	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	54	A	37	10YR 3/3 Dark Brown	Silty Clay		NCM	Modern glass, nail discarded
		B	58	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	55	A	30	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	60	10YR 5/3 Brown with oxidation	Silty Clay		NCM	BOE
P5	56	A	29	10YR 4/2 Dark Grayish Brown	Silt Loam			Modern metal discarded
		B	48	10YR 4/1 Dark Gray	Silt Loam		NCM	BOE
		C	73	2.5Y 5/3 Light Olive Brown	Silty Clay		NCM	BOE / Water pooling at the bottom of the shovel test
P5	57	A	32	10YR 3/3 Dark Brown	Silt Loam			
		B	50	10YR 4/1 Dark Gray	Clayey Silt		NCM	
		C	70	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	BOE
P5	58	A	25	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	47	GLEY1 7/5 6Y Greenish Gray	Silty Clay		NCM	BOE
P5	59	A	26	10YR 5/2 Grayish Brown	Silt Loam	<1% rocks and gravel	NCM	
		B	47	GLEY1 7/5 6Y Greenish Gray	Silty Clay		NCM	BOE
P5	60	A	35	10YR 5/2 Grayish Brown	Silt Loam		NCM	
		B	41	10YR 4/1 Dark Gray	Silty Clay		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		C	60	GLEY1 6/5GY Greenish Gray	Silty Clay		NCM	BOE
P5	61	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	46	10YR 4/1 Dark Gray	Silt Loam		NCM	
		C	72	2.5Y 5/3 Light Olive Brown with oxidation	Silty Clay		NCM	BOE / Water pooling at the bottom of the shovel test
P5	62	A	42	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	64	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	63	A	32	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	54	10YR 5/1 Gray with FEO2	Clayey Loam		NCM	BOE
P5	64	A	28	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	62	10YR 5/3 Brown with oxidation	Clay		NCM	BOE
P5	65	A	17	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	37	10YR 6/3 Pale Brown	Silty Clay with FEO2		NCM	BOE
P5	66	A	40	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	62	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	67	A	32	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	58	10YR 6/3 Pale Brown	Silty Clay Loam		NCM	BOE
P5	68	A	40	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	60	10YR 5/1 Gray	Clayey Silt		NCM	BOE
P5	69	A	36	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	57	10Yr 5/1 Gray	Silty Clay		NCM	BOE
P5	70	A	29	10YR 4/3 Brown	Silt Loam		NCM	
		B	48	10YR 4/1 Dark Gray	Silty Clay		NCM	
		C	71	GLEY 1 6/5GY Greenish Gray	Silty Clay with FE)2		NCM	BOE
P5	71	A	67	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	70	10YR 6/3 Pale Brown	Clay Loam		NCM	BOE
P5	72	A	19	10YR 3/3 Dark Brown	Silt Loam			Modern trash discarded
		B	45	10YR 5/1 Gray	Clayey Silt		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	73	A	30	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	42	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	Water Impasse / BOE
P5	74	A	19	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	Water Impasse / BOE
P5	75	A	15	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	35	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	76	A	40	10YR 3/3 Dark Brown	Silt Loam		NCM	
		B	60	10YR 5/1 Gray	Clayey Loam		NCM	BOE
P5	77							Unexcavated - Standing Water
P5	78	A	24	10YR 3/3 Dark Brown	Clayey Loam		NCM	Water Impasse / BOE
P5	79	A	28	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	50	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	80	A	18	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	42	10YR 5/3 Brown	Silt Loam		NCM	BOE
P5	81	A	24	10YR 3/3 Brown	Silt Loam		NCM	
		B	46	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
P5	82	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	40	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	83							No Dig - Standing Water
P5	84	A	19	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	33	10YR 4/1 Dark Gray	Silt Loam		NCM	
		C	60	2.5Y 5/2 Grayish Brown	Silt Loam		NCM	Pooling Water / BOE
P5	85							No Dig - Standing Water

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	86	A	29	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	50	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	87	A	36	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	48	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	Water Impasse / BOE
P5	88	A	40	10YR 3/3 Dark Brown	Silty Clay		NCM	Water Impasse / BOE
P5	89							No Dig - Standing Water
P5	90	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	59	10YR 5/3 Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	91	A	28	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	44	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	92	A	25	10YR 3/3 Brown	Silt Loam			
		B	45	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
P5	93	A	36	10YR 3/3 Brown	Silt Loam		NCM	
		B	56	10YR 5/1 Gray	Clayey Loam		NCM	BOE
P5	94	A	30	10YR 3/3 Brown	Silt Loam		NCM	
		B	65	10YR 5/1 Gray	Sandy Loam		NCM	BOE
P5	95	A	29	10YR 3/3 Brown	Silt Loam			
		B	49	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
P5	96	A	25	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	45	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	97	A	25	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	50	10YR 5/3 Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	98	A	30	10YR 3/3 Dark Brown	Silty Clay		NCM	Water Impasse / BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	99							Unexcavated - Standing Water
P5	100							Unexcavated - Standing Water
P5	101	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	46	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	102	A	17	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	50	10YR 5/3 Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	103	A	25	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	45	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	104	A	35	10YR 3/3 Brown	Silt Loam			
		B	57	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	BOE
P5	105	A	30	10YR 3/3 Brown	Silt Loam			Modern Iron Discarded
		B	58	10YR 5/1 Gray	Sandy Loam		NCM	BOE
P5	106	A	20	10YR 3/3 Brown	Silt Loam		NCM	
		B	50	10YR 5/1 Gray	Sandy Loam		NCM	BOE
P5	107	A	32	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	55	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	108	A	30	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	50	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	109	A	17	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	51	10YR 5/3 Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	110	A	24	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	48	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	111	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	40	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	112	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	51	2.5Y 5/2 Grayish Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	113	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	52	2.5Y 5/2 Grayish Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	114	A	32	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	52	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	115	A	26	10YR 3/3 Brown	Silt Loam		NCM	
		B	51	10YR 5/1 Gray	Sandy Loam		NCM	BOE
P5	116	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	35	10YR 5/1 Gray with oxidation	Calyey Silt		NCM	BOE
P5	117	A	30	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	50	10YR 5/1 Gray with oxidation	Clayey Silt		NCM	Water Impasse / BOE
P5	118	A	29	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	50	2.5Y 5/2 Grayish Brown with oxidation	Silt Loam		NCM	Pooling Water / BOE
P5	119	A	34	10YR 4/2 Dark Grayish Brown	Loamy Silt		NCM	
		B	47	10YR 6/1 Gray with heavy FEO2	Clayey Silt		NCM	BOE
P5	120	A	22	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	52	10YR 5/4 Yellowish Brown with oxidation	Clayey Loam		NCM	BOE
P5	121	A	23	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	43	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	122	A	28	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	50	10YR 5/1 Gray	Sand		NCM	BOE
P5	123	A	27	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	47	10YR 5/6 Yellowish Brown	Loam		NCM	BOE
P5	124	A	21	10YR 4/3 Brown	Silt Loam	<1% Rocks and Gravel	NCM	
		B	44	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	125	A	31	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	51	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	126	A	26	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	62	10YR 6/2 Light Brownish Gray with oxidation	Clayey Loam		NCM	BOE
P5	127	A	20	10YR 4/2 Dark Grayish Brown	Loamy Silt		NCM	
		B	55	10YR 3/1 Very Dark Gray	Clay		NCM	BOE
P5	128	A	37	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	57	10YR 5/1 Gray	Silty Clay Loam		NCM	BOE
P5	129	A	25	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	53	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	130	A	30	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	
		B	53	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	131	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	46	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	132	A	8	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	32	10YR 5/1 Gray	Sand		NCM	BOE
P5	133	A	12	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	35	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	134	A	18	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	Water Impasse / BOE
P5	135	A	15	10YR 4/2 Dark Grayish Brown	Loamy Silt		NCM	
		B	35	10YR 6/1 Gray with heavy FEO2	Clayey Silt		NCM	BOE
P5	136	A	16	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	40	10YR 5/1 Gray	Silty Clay Loam		NCM	BOE
P5	137	A	11	10YR 4/3 Brown	Silt Loam		NCM	
		B	36	10YR 6/2 Light Brownish Gray with oxidation	Clayey Loam		NCM	BOE
P5	138	A	14	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	36	10YR 5/1 Gray	Sand		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum (cm)	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
P5	140	A	21	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	
		B	42	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	141	A	19	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	42	10YR 5/1 Gray with oxidation	Silty Clay		NCM	BOE
P5	142	A	22	10YR 4/2 Dark Grayish Brown	Silt Loam		NCM	
		B	48	10YR 5/3 Brown with oxidation	Clayey Loam		NCM	BOE
P5	143	A	30	10YR 4/2 Dark Grayish Brown	Loamy Silt		NCM	
		B	50	10YR 6/1 Gray with heavy FEO2	Clayey Silt		NCM	BOE
P5	144	A	20	10YR 3/2 Very Dark Grayish Brown	Silt Loam		NCM	
		B	40	10YR 5/6 Yellowish Brown	Silty Clay Loam		NCM	Rock Impasse / BOE
P5	145	A	21	10YR 5/3 Brown	Silt Loam		NCM	
		B	46	10YR 5/3 Brown with oxidation	Clayey Loam		NCM	BOE
P5	146	A	18	10YR 4/3 Brown	Silt Loam	<1% Rocks and Gravel	NCM	
		B	38	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	147	A	19	10YR 4/2 Dark Grayish Brown	Silt Loam	<1% Rocks and Gravel	NCM	
		B	39	10YR 6/1 Gray with heavy FEO2	Silty Clay		NCM	BOE
P5	148	A	22	10YR 3/3 Dark Brown	Silty Clay		NCM	
		B	45	10YR 5/1 Gray with possible feature of 10YR 2/1 Black	Clay with Silt Loam inclusion		NCM	Possible feature - carbon flecking in the top layer
		C	47	10YR 5/1 Gray	Silty Clay		NCM	BOE / Water

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
AA1	1	A	17	10YR 3/2 Very Dark Grayish Brown	Sandy Clay Loam	5% Gravel		Discarded modern asphalt, plastic, modern ceramic tile
		B	58	10YR 3/4 Dark Yellowish Brown	Sandy Loam	5% Gravel	NCM	BOE
AA1	2	A	20	10YR 3/2 Very Dark Grayish Brown	Loam			Discarded modern ceramics
		B	58	10YR 4/1 Dark Gray	Sand	Gravel	NCM	Water Impasse / BOE
AA1	3	A	20	10YR 4/3 Brown	Sandy Loam		NCM	
		B	35	10YR 4/4 Dark Yellowish Brown	Sandy Clay		NCM	
		C	55	10YR 2/1 Black	Sand		NCM	BOE
AA1	4	A	22	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	
		B	35	10YR 5/4 Yellowish Brown	Sandy Loam		NCM	
		C	63	2.5Y 4/2 Daerk Grayish Brown	Sand		NCM	BOE
AA1	5	A	35	10YR 4/2 Dark Grayish Brown	Sandy Loam	Heavy Root Activity	NCM	Root Impasse / BOE
AA1	6	A	23	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam	2% Gravel	NCM	
		B	50	10YR 4/4 Dark Yellowish Brown	Sandy Clay Loam	2% Gravel	NCM	BOE
AA1	7	A	20	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	35	10YR 4/3 Brown	Clay		NCM	
		C	55	10YR 5/2 Grayish Brown	Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
AA1	8	A	27	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam	Light Root Activity	NCM	
		B	55	10YR 4/4 Dark Yellowish Brown	Sandy Clay Loam		NCM	BOE
AA1	9	A	22	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	47	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	10	A	30	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	50	10YR 5/2 Grayish Brown	Clay		NCM	BOE
AA1	11	A	21	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	12	A	14	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	13	A	7	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	33	10YR 5/2 Grayish Brown	Clay		NCM	BOE
AA1	14	A	22	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	45	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	15	A	30	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	60	10YR 5/2 Grayish Brown	Clay		NCM	BOE
AA1	16	A	20	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	17	A	20	10YR 4/2 Dark Grayish Brown	Sandy Loam		NCM	

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
		B	40	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	18	A	18	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	40	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	19	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	20	A	25	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	52	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	21	A	19	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	22	A	29	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	62	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	23	A	20	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
		B	40	10YR 4/4 Dark Yellowish Brown	Clay		NCM	BOE
AA1	24	A	27	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	59	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	25	A	20	10YR 3/2 Very Dark Grayish Brown	Sandy Loam		NCM	
		B	40	10YR 4/4 Dark Yellowish Brown	Clay		NCM	BOE
AA1	26	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	52	10YR 4/3 Brown with oxidation	Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
AA1	27	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	47	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	28	A	20	10YR 3/3 Dark Brown	Laom		NCM	
		B	40	10YR 4/6 Dark Yellowish Brown	Clay		NCM	BOE
AA1	29	A	30	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	30	A	45	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	58	10YR 4/3 Brown with oxidation	Clay		NCM	Rock Impasse / BOE
AA1	31	A	20	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	40	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	32	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	51	10YR 4/3 Brown with oxidation	Sandy Clay		NCM	BOE
AA1	33	A	17	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	49	10YR 4/3 Brown with oxidation	Sandy Clay		NCM	BOE
AA1	34	A	20	10YR 3/3 Dark Brown	Loam		NCM	
		B	45	10YR 4/6 Dark Yellowish Brown	Clay		NCM	BOE
AA1	35	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	49	10YR 4/3 Brown with oxidation	Sandy Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
AA1	36	A	19	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	45	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	37	A	31	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	57	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	38	A	17	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	37	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	39	A	22	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	44	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	40	A	24	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	44	10YR 5/1 Gray	Clay		NCM	BOE
AA1	41	A	16	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	42	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	42	A	22	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	50	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	43	A	24	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	47	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	44	A	20	10YR 4/2 Dark Grayish Brown	Loam		NCM	
		B	22	10YR 5/1 Gray	Clay		NCM	BOE

Parcel	STP	Stratum	Depth to Base of Stratum	Soil Color	Texture	Coarse Fraction	Artifacts	Comments
AA1	45	A	18	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	45	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	46	A	30	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	52	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	47	A	21	10YR 4/2 Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	44	10YR 5/2 Grayish Brown with oxidation	Clay		NCM	BOE
AA1	48	A	17	10YR 3/2 Very Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	51	10YR 4/3 Brown	Clay		NCM	BOE
AA1	49	A	24	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	44	10YR 4/3 Brown	Clay		NCM	BOE
AA1	50	A	22	10YR 3/2 Very Dark Grayish Brown	Sandy Clay Loam		NCM	
		B	52	10YR 4/3 Brown with oxidation	Clay		NCM	BOE
AA1	51	A	23	10YR 3/2 Very Dark Grayish Brown	Loam		NCM	
		B	43	10YR 4/3 Brown	Clay		NCM	BOE

Appendix B: Methods of Artifact Cataloging and Analysis; Artifact Inventory

METHODS OF ARTIFACT CATALOGING AND ANALYSIS

A. LABORATORY PROCESSING

All artifacts were transported from the field to the heritage resource laboratory at WSP USA Inc. (WSP). In the field artifacts were bagged in 4-mil resealable polyethylene bags. Artifact cards bearing provenience information were included in the plastic bags. A Field Number was assigned to each unique provenience in the field. This number appears with all the provenience information and is used throughout processing and analysis to track artifacts.

Prehistoric lithics and most historic artifacts were washed in water with a soft toothbrush. Prehistoric ceramics, faunal material, and fragile artifacts were wet-brushed with a soft natural-bristle paintbrush or were simply dry-brushed. Metal objects were cleaned using a dry toothbrush or stainless steel wire brush. All artifacts were laid out to air-dry in preparation for analysis.

During analysis individual Specimen Numbers were assigned to artifacts. After analysis the artifacts were re-bagged into clean perforated 4-mil resealable polyethylene bags. Artifacts are organized sequentially first by Site Number, then Field Number, and finally by Specimen Number. Before submitting for curation, catalog numbers were assigned in accordance with Vermont Archaeology Heritage Center guidelines. An acid-free artifact card listing full provenience information and analytical class was included in each bag.

When labeling, all artifacts dime-sized and larger were labeled as follows:

State Site No.	Example:	VT-XX-00
Catalog No. – Specimen No.		01-01

No conservation treatment on the artifacts was needed or performed.

B. ANALYTICAL METHODS

All artifact analyses were conducted by the Laboratory Supervisor and/or Material Specialist(s). WSP maintains an extensive comparative collection and laboratory research library to aid in making complete and accurate analyses.

WSP has also developed a flexible analytical database system that fully integrates all artifacts in one database for use in data manipulation and interpretation. The computerized data management system is written using Microsoft Access, a relational database development package that runs on a Windows® platform.

Each class of artifacts—historic ceramics, small finds/architectural, curved (vessel) glass, prehistoric lithics, prehistoric ceramics, floral, faunal, and historic tobacco pipes—has a series of attributes, sometimes unique to that class, that are recorded to describe each artifact under analysis. Artifact information (characteristics) was entered into the system during the process of analysis. The system was then used to enhance the artifact records with the addition of provenience information. WSP maintains a complete type and attribute coding system in the database.

The format for the historic artifacts is based on the South/Noël Hume typology (South 1977), as modified for use in a computerized system (Louis Berger 2013).

The Notes field allows individual written comments applicable to a specific entry. Notes are generally used to describe particulars of decorative motifs or unusual characteristics, or to record bibliographic references used for identification or dating.

1. Historic Ceramic Analysis

The ceramic tabulation provides the following information: identification of ware types and techniques of surface decoration; dates based on manufacturing and decorative techniques and, if present, maker's marks; identification of vessel forms and functions; and descriptions of decoration motifs.

Begin/End Dates. Sources for these dates include but are not limited to Cameron (1986), Denker and Denker (1985), Erickson and Hunter (2001), Howard (1984), Jefferson Patterson Park and Museum (2018), Ketchum (1983), Magid and Means (2003), McAllister and Michel (1993), Miller (1980, 1987, 1991), Noël Hume (1969b), Rickard (2006), South (1977), and Wetherbee (1980, 1985). When more precise dates can be determined from maker's marks or particular decorations or forms, these fields are entered manually. Sources used for identification of Maker's Marks or Decoration/Motif include Barber (1968), Gates and Ormerod (1982), Godden (1964, 1999), Hunter and Miller (1994), Kowalsky and Kowalsky (1999), and Lehner (1988).

Form. Form indicates the shape and possible function of the complete vessel as represented by the sherds present. General categories, such as "Tableware, Hollowware," are used for sherds whose small size or ambiguous characteristics make determination of form problematical. **Part** is used to indicate what part of a vessel is represented by the sherd(s) present. Definitions of forms are based, for the most part, on Beaudry et al. (1983), Greer (1981), Ketchum (1983), and Towner (1963).

2. Small Finds/Architectural Analysis

For the small finds/architectural analysis each artifact was identified by its group and class, Material Type and Part/Portion, and received a count and/or weight. Additional information, including Characteristic, Maker's Marks, Backmark, Color, and Decoration, is recorded as identified for the individual artifacts if present or needed.

Begin/End Dates. Dates for certain artifacts were generated in the database based on the Type/Subtype. Other dates were entered manually and were based on various artifact characteristics. References used for dating of artifacts include but are not limited to Edwards and Wells (1993), Friedel (1987), Gurcke (1987), Hogg (1985), Hughes and Lester (1981), Johnson (1942), King (1991), Kovel and Kovel (1961), Lamm et al. (1970), Lavitt (1983), Luscomb (1967), Martells (1976), McGuinn and Bazelon (1984), Melton (2014), Munsey (1970), Nelson (1968), Noël Hume (1969b), Rock (2000), Sacharow (1978), and Thomas and Thomas (1996).

Characteristic. A modifier that best described the form or manufacturing technique of each artifact was entered in this field.

3. Curved (Vessel) Glass Analysis

The glass artifacts from the collection were broken down, for analytical purposes, into functionally distinct groupings based on Bottle, Table, Lighting, and Other use-categories. All artifacts identified as to specific function and form were coded as such regardless of the degree of fragmentation. Window glass, considered more functionally inclusive under an architectural group of artifacts, was subsumed for analysis under Small Finds/Architectural materials.

Begin/End Dates. Dating of the glass artifacts was completed according to established diagnostic criteria. These criteria, utilized either singly or in combination, can include various technological aspects of glass manufacture, such as finish treatments, tooling methods, empontilling techniques, mold markings, Brand, Maker's Marks, Color, and various stylistic elements (including Decoration/Motif) associated with certain tablewares. Sources for glass dating include but are not limited to Busch (1987), Cheney (1980), Ferraro and Ferraro (1964, 1969), Fike (1987), Haynes (1959), Jones (1971, 1983, 1986), Jones and Smith (1985), Jones and Sullivan (1985), Kaplan (1982), Klamkin (1973), Kovel and Kovel (1986), Lief (1965), Lindsey (2018), Lockhart (2004), Lorrain (1968), McKearin (1970), McKearin and McKearin (1948), McKearin and Wilson (1978), Miller and Sullivan (1984), Munsey (1970), Noël Hume (1961, 1968, 1969a, 1969b), Paul and Parmalee (1973), Riley (1958), Spillman (1981, 1982, 1983), and Toulouse (1971, 1969).

Finish. Common names, such as "Blob-top," "Crown," and "Screw," were used when appropriate. Sources include Everette 1982.

Base. The majority of coded base types in the collection indicate the marks on the basal surfaces of glassware. "Snap case" indicates the lack of any markings when this device was used to hold a bottle in place while its finish was formed. Machine-made basal markings were also coded, if identifiable.

Manufacturing Technique. Manufacturing Technique refers to the distinctive mold seams and markings found on the bodies (and sometimes bases, finishes, or rims) of glassware.

Wear. The Wear category has been devised to aid in specialized analyses, e.g., in distinguishing commercial as opposed to domestic deposits from urban sites (Diamond in Geismar 1983:315). Vessels from establishments offering glassware for sale would not be expected to show more than slight evidence of use-wear; however, vessels from domestic deposits would be expected to show use-wear ranging from heavy to very heavy. The code Wear on Interior can be used to indicate artifacts associated with fill deposits. The code Waterworn or Rolled can be used to indicate artifacts that have been rolled in surf.

Lead/Non-lead (Comments). A short-wave ultraviolet light was used to examine select colorless glass vessels and sherds for the presence of lead. Leaded glass exposed to UV light appears ice-blue in color; non-leaded glass appears pale yellow or shows no change.

4. Lithic Artifact Analysis

The analytical approach to stone tool production and use that was used in this analysis can be described as technomorphological; that is, artifacts were grouped into general classes and then further divided into specific types based upon key morphological attributes, which are linked to or indicative of particular stone tool production (reduction) strategies. Function was inferred from morphology as well as from use-wear. Data derived from experimental and ethnoarchaeological research were relied upon in the identification and interpretation of artifact types. The works of Adams (2002), Andrefsky (2001), Callahan (1979), Clark (1986), Crabtree (1972), Custer (2001), DeRegnaucourt and Georgiady (1998), Flenniken (1981), Hatch and Miller (1985), Justice (1987), Parry (1987), Ritchie (1961), Whittaker (1994), and Wray (1948) were drawn upon most heavily. All types were quantified by both count and weight (in grams).

a. Debitage

Debitage is the by-product of lithic reduction and includes all types of chipped-stone refuse that bear no obvious traces of having been utilized or intentionally modified. There are two basic forms of debitage: flakes and shatter. Observations on raw material and cortex were recorded and are discussed later. The following descriptions are for the debitage types identified but do not include the full range of types described in Taylor et al. (1996).

Decortication Flakes are intact or nearly intact flakes with 50 percent or more cortex covering the dorsal surface. These are the first series of flakes detached during lithic reduction.

Early Reduction Flakes are intact or nearly intact flakes with less than 50 percent dorsal cortex, fewer than four dorsal flake scars, on the average, and irregularly shaped platforms with minimal faceting and lipping. Platform grinding is not always present. These flakes could have been detached from early-stage bifaces or cores of the freehand and bipolar types.

Biface Reduction Flakes are intact or nearly intact flakes with multiple overlapping dorsal flake scars and small elliptically shaped platforms with multiple facets. Evidence of platform grinding is usually present. Platforms are distinctive because they represent tiny slivers of what once was the edge of a biface. Biface reduction flakes are generated during the middle and late stages of biface reduction and also during biface maintenance (resharpening).

Pressure Flakes are made using a flaker. Because the force is applied by pressing and not striking, there are some morphological differences as compared with hard and soft hammer flakes. The platform is not a flat surface, but a slightly crushed edge. The edge grinding appears as the result of the edge preparation procedure.

Bipolar Reduction Flakes are intact or nearly intact flakes that have been struck from a bipolar core. They typically exhibit sheared cones, diffuse bulbs, closely spaced ripples, and crushed and splintered platforms. Crushing can also occur on the termination of flakes (distal end).

Finishing Flakes are small flakes, usually detached through pressure flaking, and are used to create the final cutting edge of the blade.

Resharpening Flakes are small, often rounded flakes that are usually detached through pressure flaking and exhibit evidence of prior use on the dorsal surface. These flakes are the byproduct of resharpening the blade edge for further use.

Uniface Resharpening Flakes are small J-shaped flakes that have been removed from the margins of a uniface. Their platforms often bear traces of use damage or polish.

Flake Fragments are sections of flakes that are too fragmentary to be assigned to a particular flake type.

Block Shatter consists of angular or blocky fragments that do not possess platforms or bulbs. Generally the result of uncontrolled fracturing along inclusions or internal fracture planes, block shatter is most frequently produced during the early reduction of cores and bifaces. Block shatter is also common in bipolar reduction, and it is equivalent to Binford and Quimby's (1963) "primary shatter." Thermal fracturing can also produce block shatter.

Flake Shatter consists of small flat fragments or splinters that lack platforms, bulbs, and other obvious flake attributes. Flake shatter is generated throughout a reduction sequence but is most common in later stages. It is a common by-product of bipolar reduction, and it is equivalent to "secondary shatter" (Binford and Quimby 1963). Trampling of debitage on living surfaces also generates flake shatter, whereas thermal fracturing produces both flake and block shatter.

Other Flake Types are flake types for which there is no Lithica designation (Taylor et al. 1996). Their characteristics are described in the Notes field, as needed.

Indeterminate Flakes are flakes that cannot be assigned to a specific type because their surface has been damaged, e.g., pot lidding, or severely eroded, e.g., argillite debitage.

b. Cores

Cores are cobbles or blocks of raw material that have had one or more flakes detached and that have not been shaped into tools or used extensively for tasks other than as a nucleus from which flakes have been struck. The types of cores identified are listed below, but this does not represent the full range of types possible as discussed in Taylor et al. (1996).

Freehand Cores are blocks or cobbles that have had flakes detached in multiple directions by holding the core in one hand and striking it with a hammerstone held in the other (Crabtree 1972). This procedure generates flakes that can be used as expedient tools or can be worked into formalized tools. Freehand percussion cores come in various shapes and sizes, depending upon the raw material form and degree of reduction.

Bipolar Cores are blocks or cobbles that have had flakes detached by direct hard-hammer percussion on an anvil: the core is placed on the anvil and struck vertically with a hammerstone (Crabtree 1972; Hayden 1980). Cores typically take on a tabular shape, exhibit heavy crushing and battering, and flake scars tend to run between areas of crushing and battering. Bipolar cores are normally smaller than freehand cores because bipolar reduction is a technique for maximizing available raw materials. Most flakes that are detached are only suitable for expedient flake tools.

Bifacial Cores are specific types of freehand amorphous cores flaked on both sides, i.e., reduced along one or more bifacially prepared edges for the purpose of flake production. Flaking occurs on both sides of a nodule to fully exploit the material.

Flake Cores are made from tubular large flakes usually flaked on one side, often with a defined flaking pattern. Some large early-reduction flakes could have been used as flake cores to produce flake-based scrapers or perhaps burins.

Tested Cobbles are unmodified cobbles, blocks, or nodules that have had a few flakes detached to examine raw-material quality.

Other Core Types are cores that do not easily fit into existing types, e.g., formalized blade cores. (The Notes field is used to record important attributes.)

c. Bifaces

A biface is a flake or cobble that has had multiple flakes removed from the dorsal and ventral surfaces. Bilateral symmetry and a lenticular cross section are common attributes; however, these attributes vary with the stages of production, as do thickness and uniformity of edges (see Callahan 1979). Included in this artifact class are all hafted and unhafted bifaces that functioned as projectile points and/or knives, as well as bifacially worked drill bits and unfinished bifaces. Specific types of bifaces represented in the collection are described below.

Projectile Points are finished bifaces that were usually hafted and functioned primarily as projectiles. Projectile points are usually triangular in overall form, with various types of hafting elements.

Knives are finished bifaces that were usually hafted and functioned primarily as cutting implements. Knives are characterized by one or more elongate cutting edges.

Finished Bifaces are finished bifaces that were probably hafted but are too fragmentary or ambiguous to assign to a functional category, e.g., projectile point or knife.

Late-Stage Bifaces are basically finished bifaces; they are well thinned, symmetrical in outline and cross section, and have centered edges. Small areas of cortex may still exist on one or both faces. These bifacial preforms are analogous to Callahan's (1979) Stage 4 bifaces.

Middle-Stage Bifaces look more like bifaces; they have been initially thinned and shaped. A lenticular cross section is developing, but edges are sinuous, and patches of cortex may still remain on one or both faces. These bifaces are roughly equivalent to Callahan's (1979) Stage 3 bifaces. Biface reduction is a continuum, and therefore middle-stage bifaces are often difficult to distinguish from early- and late-stage bifaces, depending upon the point at which their reduction was halted. Plus, rejected bifaces may have been used for other tasks (recycled).

Early-Stage Bifaces are cobbles, blocks, or large flakes that have had their edges bifacially trimmed and a few large reduction flakes detached. These bifacial blanks are equivalent to Callahan's (1979) Stage 2 bifaces. Because of their crude condition, these bifaces can be confused with freehand percussion cores and choppers.

Choppers or cleavers are sizable bifaces that may have been employed in tasks that required heavy-duty cutting, chopping, or severing. These implements are often crudely formed and can be mistaken for cores or early-stage bifaces.

Drills are slender bifaces that could have been used to perforate or pierce various materials.

Adzes or gouges are bifaces that were hafted and used as heavy-duty woodworking tools.

Other Bifaces are bifaces that do not easily fit into the above types. (The Notes field is used to record distinctive attributes).

Indeterminate Bifaces are sections of bifaces that are too badly damaged to be assigned to a specific type.

d. Unifaces

A uniface is a formalized tool fashioned from a flake by uniformly retouching its edges to create a specific working edge and a standardized shape. There are two basic types of formal unifaces: endscrapers and sidescrapers. In the former the working edge is transverse to the long axis of the tool; in the latter the working edge (or edges) parallels the long axis of the tool.

Endscrapers are formalized unifaces that have uniformly retouched edges, which creates a working edge and a standardized shape. The working edge is transverse to the long axis of the tool, and retouching often erases obvious indications that the tool is made on a flake.

Sidescrapers are formalized unifaces that have uniformly retouched edges, which creates a working edge and a standardized shape. The working edge parallels the long axis of the tool, and retouching often erases obvious indications that the tool is made on a flake.

Other Uniface Types are unifaces that do not fit easily into existing types. The Notes field is used to record distinctive attributes.

Indeterminate Uniface Fragments are unifaces that are too fragmentary to be assigned to a specific type.

e. Flake Tools

Utilized and edge-retouched flakes are informal expedient tools. They are flakes that were struck from a core or a biface and used to perform one or more tasks, with little or no prior modification. In some cases it is difficult to distinguish intentional retouch from use damage.

Utilized Flakes are expedient tools that exhibit traces of use damage and/or polish on one or more edges. These flakes could have been detached from cores or bifaces.

Retouched Flakes are expedient tools that have had one or more edges retouched, either to resharpen the working edge, to create a dulled edge for grasping, or to form a specific edge angle or shape. The flake itself could have been detached from a core or a biface.

Notched Flakes or spokeshaves are a special type of retouched flake. The retouching of one or more flake edges into a concavity distinguishes this morphological type.

Graver Flakes are a special type of retouched flake. The retouching of one or more edges into acute projections distinguishes this type.

Denticulated Flakes are a special type of retouched flake. They are distinctive because appropriately spaced flakes have been detached from one or more edges to form a toothed or serrated edge.

f. Cobble Tools

Alluvial cobbles or slabs of bedrock were used for various tasks, with little or no prior modification. These simple tools were used as hammers, anvils, grinding stones, abraders, or for a combination of functions. Battered, crushed, pitted, and/or smooth surfaces identify these stones as tools.

Netsinkers are notched cobbles. Direct hard hammer percussion was used to remove a few flakes from both ends of a cobble to facilitate the cobble's attachment to a net. Some specimens could have functioned as bolas stones.

Hammerstones are cobbles that show evidence of battering and crushing along their margins, indicating that they were intentionally used as percussors for either flaking siliceous materials or working other resistant materials.

Manos or grinding stones are hand-sized cobbles with one or more flat surfaces that were used to crush and grind various materials, as is evidenced by smoothed and polished surfaces.

Metates or grinding slabs are large cobbles or blocks of bedrock with one or two flat or concave surfaces, which exhibit evidence of grinding and crushing.

Pestles are linear (oblong) cobbles that exhibit crushing and smoothing on one or both ends or poles. Pestles can also be formalized tools that were shaped by pecking and grinding.

Mortars are large cobbles or blocks of bedrock with at least one deeply concave surface, which was used to hold various materials to be crushed and ground.

Pitted Cobbles or "nutting stones" are cobbles or blocks of bedrock with at least one smooth depression smaller than 4 centimeters in diameter. Unlike anvil depressions, these are smooth and tend to be circular or oval. These depressions may be the result of processing nuts and are different from anvil depressions created by bipolar lithic reduction.

Abraders are chunks of sandstone or related materials that were used to shape and sharpen tools made of various materials. Slotted abraders are believed to have been used in the manufacture and maintenance of bone and wood tools, e.g., needles, awls, shafts, and flat abraders are believed to have been used in the manufacture and maintenance of stone tools in addition to bone and wood tools.

Anvil Stones are cobbles or blocks of bedrock that were used as a base on which to rest materials while they were struck with a hammer. Anvil surfaces tend to possess shallow, coarse-textured depressions with amorphous outlines.

Other Cobble Tools are cobble tools that do not have pre-existing Lithica codes. A description of the specimen appears in the Notes field.

g. Groundstone Tool

Groundstone tools are formal stone tools and ornaments that were manufactured by pecking, grinding, and sometimes flaking. Typical artifact types are grooved axes, pipes, and pendants.

Stone Bowls are stone cooking vessels that were manufactured by carving, grinding, and polishing.

Grooved Axes are formal tools that were designed to be hafted, and their primary function was heavy-duty woodworking.

Celts are ungrooved axes; they were hafted by a different method from that used in grooved axes.

Adzes or gouges manufactured from granitic materials by pecking and grinding were hafted and functioned as heavy-duty woodworking tools, much like their chipped-stone tool counterparts.

Mauls are large heavy-duty round implements with a blunt bit and are most commonly associated with quarrying activities. Mauls are usually grooved and have defined polls. Mauls are often made from granite, diorite, basalt, or other hard stone. Ungrooved mauls are generally defined as hammerstones.

Other Groundstone Tools are those tools and ornaments that are not covered by the above types, e.g., bannerstones, pipes, and pendants.

Indeterminate Groundstone Fragments are sections of groundstone tools or ornaments that are too badly damaged to be assigned to a specific type.

h. Minerals

These are unmodified or minimally modified crystals or chunks of naturally occurring chemical elements, e.g., galena (lead ore) and limonite and hematite (iron ores). These materials can be manufactured into tools and ornaments, but then these artifacts would not be quantified as minerals. (The total number of items is recorded).

Other Minerals are mineral types for which there is no Lithica designation. Their characteristics are described in the Notes field.

i. Fire-cracked Rock

Cracked rock includes all fragments of lithic debris that cannot be attributed to stone tool production. Generally, fire-cracked rock is recognized by surfaces that exhibit reddening and irregular breakages. Whether a broken cobble is actually fractured as a result of thermal stress is often difficult to discern. For

this study all fractured cobbles are considered fire-cracked rock, even if they exhibit no clear signs of being thermally altered.

j. Unmodified Cobbles and Pebbles

Unmodified Cobbles exhibit no evidence of cultural use or modification; however, these items are of potential importance because they may represent manuports and/or cached raw materials. A cobble is generally greater than 6 centimeters in maximum dimension.

Unmodified Pebbles exhibit no evidence of cultural use or modification; however, they may allow interpretation of environmental conditions. A pebble is generally smaller than 6 centimeters in maximum dimension.

5. Faunal Analysis

The analysis of the faunal material allowed the identification of Species, Element, and completeness of the specimen. Identifications were made with the aid of a comparative faunal type collection and the use of reference materials, which include but are not limited to Abbott 1968, 1985; Gilbert (1973), Olsen (1964, 1968, 1979), and Schmid (1972).

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Ph IB VELCO Franklin County Line Upgrade Project Artifact Catalog

Temp Site No.	Area	STP/Unit	Stratum	Date	Field #	Spec #	Class	Artifact Description:	Count	Weight (g)	Begin Date - End Date		Comments
		S221-36	A	8/15/2022	101	1	Lithics	Biface Reduction Flake	1	0.4			Gray chert; cortex and heating absent; fragment
		S222-20	A	8/16/2022	102	1	Historic Ceramic	Earthenware - Unidentified Refined Earthenware	1	0.8			Completely spalled body sherd; very small patch of brown glaze present on one side, unidentified ceramic type
		S222-20	A	8/16/2022	102	2	Small Finds/Architectural	Unidentified Synthetic	1	0.1			Thin, flat, painted fragment; possible rubber/plastic, not ceramic
		S222-20	A	8/16/2022	102	3	Lithics	Biface Reduction Flake	1	0.2			Light gray siltstone; cortex and heating absent; snapped below bulb
		S222-20	A	8/16/2022	102	4	Lithics	Debitage / General	1	0.2			Possible flake fragment; cortex absent; heating possible; weathered fragment; very dark gray/brown stone
		S222-20 E5	A	8/16/2022	103	1	Lithics	Debitage / General	4	2.6			Gray schist/siltsone fragments; soft, brittle material; cortex and heating absent; possible shatter
		S222-20 S5	A	8/16/2022	104	1	Historic Ceramic	Whiteware - Transfer Printed - Blue	1	1.2	1820	1915	Hollowware rimsherd; interior transfer printed with ivy and Priory pattern, exterior unidentified blue motif
		S222-20 S5	A	8/16/2022	104	2	Lithics	Biface Reduction Flake	1	0.3			Dark gray chert; cortex and heating absent; whole flake
		S222-20 S5	A	8/16/2022	104	3	Lithics	Debitage / General	2	1.1			Gray schist/siltsone fragments; soft, brittle material; cortex and heating absent; possible shatter
		S222-20 S5 E5	A	8/16/2022	105	1	Historic Ceramic	Whiteware	1	0.3	1820	2000	Spalled body sherd; no visible decoration; unidentified tableware
		S222-20 S5 E5	A	8/16/2022	105	2	Lithics	Debitage / General	2	2.9			Dark gray chert; cortex and heating absent; possible shatter
		S222-20 E10	A	8/16/2022	106	1	Historic Ceramic	Pearlware	1	0.4	1775	1840	Possible blue shell edge; mostly spalled rimsherd; flatware
		S222-20 E10	A	8/16/2022	106	2	Lithics	Biface Reduction Flake	1	0.1			Light gray banded chert; cortex and heating absent
		S222-9	A	8/15/2022	107	1	Lithics	Biface Reduction Flake	1	0.4			Dark gray chert; cortex and heating absent; prominent bulb
		S222-9 W5	A	8/16/2022	108	1	Lithics	Biface Reduction Flake	1	0.5			Light gray chert; cortex and heating absent; prominent platform
		S222-9 S5	A	8/15/2022	109	1	Lithics	Flake Fragment	1	0.7			Light gray/brown chert; cortex and heating absent; snapped
		S222-27	A	8/16/2022	110	1	Lithics	Debitage / General	1	0.5			Light gray/brown chert; cortex present; heating absent
		S222-27	A	8/16/2022	110	1	Lithics	Groundstone Tool / General	1	1000			Possible grinding stone, pitted surface; weather-worn edges; granite
		S244-7	A	8/30/2022	201	1	Lithics	Biface Reduction Flake	1	0.1			Black chert (possibly argillite); cortex and heating absent; prominent bulb

Temp Site No.	Area	STP/Unit	Stratum	Date	Field #	Spec #	Class	Artifact Description:	Count	Weight (g)	Begin Date - End Date		Comments
		S244-7	A	8/30/2022	201	2	Lithics	Biface Reduction Flake	1	2			Light gray chert; cortex and heating absent; fragment
		S244-7	A	8/30/2022	201	3	Lithics	Flake Fragment	2	0.7			Light gray chert; cortex and heating absent; snapped fragments
		S244-7 N5	A	8/30/2022	202	1	Lithics	Drill	1	1.9			Blue gray quartzite; drill tip/shaft; cortex and heating absent
		S244-7 N5	A	8/30/2022	202	2	Lithics	Biface Reduction Flake	1	0.5			Light gray chert; cortex and heating absent; semiopaque
		S244-7 N5 W5	A	8/30/2022	203	1	Lithics	Biface Reduction Flake	1	1.5			Light gray chert; cortex and heating absent
		S244-7 W5	A	8/30/2022	204	1	Lithics	Early Reduction Flake	1	1.1			Dark gray chert; cortex on dorsal distal end; heating absent
		S244-7 W5	A	8/30/2022	204	2	Lithics	Biface Reduction Flake	9	7.3			Light gray chert; cortex and heating absent; some prominent platforms and bulbs
		S244-7 W5	A	8/30/2022	204	3	Lithics	Flake Fragment	8	1.4			Light gray chert; cortex and heating absent; snapped fragments
		S244-7 W5	A	8/30/2022	204	4	Lithics	Debitage / General	2	1.2			Light gray chert; cortex and heating absent; blocky
		S244-7 W5	A	8/30/2022	204	5	Lithics	Debitage / General	1	0.5			Gray schist/siltsone fragment; brittle material; cortex and heating absent
		S244-7 S5 W5	A	8/30/2022	205	1	Lithics	Early Reduction Flake	2	0.7			Black chert (possibly argillite); cortex partially covers dorsal surface; heating absent
		S244-7 S5 W5	A	8/30/2022	205	2	Lithics	Biface Reduction Flake	1	0.8			Quartzite; cortex and heating absent
		S244-7 S5 W5	A	8/30/2022	205	3	Lithics	Biface Reduction Flake	1	0.2			Black chert, possibly argillite; cortex and heating absent
		S244-7 S5 W5	A	8/30/2022	205	4	Lithics	Biface Reduction Flake	3	2			Light gray chert; cortex and heating absent
		S244-7 S5 W5	A	8/30/2022	205	5	Lithics	Flake Fragment	1	0.3			Light gray chert; cortex and heating absent; snapped fragment
		SURFACE	JRFAC	8/30/2022	206	1	Lithics	Unmodified Cobble	1	425			Smooth quartzite cobble; unmodified; fragment broken off
TS 1834-03		S414-IB	B	5/31/2023	301	1	Historic Ceramic	Pearlware	1	1	1775	1840	Undecorated; body sherd; unidentified form
TS 1834-03		S414-IB	B	5/31/2023	301	2	Historic Ceramic	Whiteware - Transfer Printed - Blue	1	3.7	1820	1915	Rim sherd; blue transfer printed shell edge; exterior undecorated; unidentified form - possible flatware
TS 1834-03		S414-IB	B	5/31/2023	301	3	Historic Ceramic	Whiteware	1	0.7	1820	2000	Footring sherd; undecorated; unidentified form
TS 1834-03		S414-IB	B	5/31/2023	301	4	Historic Ceramic	Whiteware	1	0.5	1820	2000	Body sherd; undecorated; spalled entirely on one side; mostly spalled on other; unidentified form

Temp Site No.	Area	STP/Unit	Stratum	Date	Field #	Spec #	Class	Artifact Description:	Count	Weight (g)	Begin Date - End Date		Comments
TS 1834-03		S414-IB	B	5/31/2023	301	5	Small Finds/Architectural	Machine Cut Nail	2	3.9	1830		Ferrous; corroded; shank fragments
TS 1834-03		S414-IB	B	5/31/2023	301	6	Small Finds/Architectural	Unidentified Metal	1	2.8			Ferous; corroded; unidentified form
TS 1834-03		S414-IB	B	5/31/2023	301	7	Faunal	Cow	1	4.7			Cranial tooth; incisor; mostly intact; roots snapped
TS 1834-03		S414-1B S5	A	6/23/2023	302	1	Historic Ceramic	Whiteware	1	3.6	1820	2000	Body sherd; undecorated; likely hollowware
TS 1834-03		S414-1B S5	A	6/23/2023	302	2	Small Finds/Architectural	Machine Cut Nail	2	23	1830		Ferrous; corroded; complete
TS 1834-03		S414-1B S5	A	6/23/2023	302	3	Small Finds/Architectural	Machine Cut Nail	2	5.6	1830		Ferrous; corroded; shank fragments
				6/23/2023	303	1	Historic Ceramic	Redware - Clear Glaze	1	4.3			Body sherd; undecorated; exterior spalled; interior spalling; clear/lead glazed interior; wheel-thrown marks on interior; hollowware
				6/23/2023	303	2	Historic Ceramic	Creamware	1	0.7	1762	1820	Body sherd; undecorated; one face entirely spalled; other side spalling; possible creamware
				6/23/2023	303	3	Historic Ceramic	Pearlware	2	3.1	1775	1840	Body sherds; mend; undecorated; unidentified form
				6/23/2023	303	4	Historic Ceramic	Whiteware	5	1	1820	2000	Body sherds and spall fragments; undecorated; unidentified form
				6/23/2023	303	5	Glass	Unidentified Curved/Vessel Glass	1	0.6			Colorless glass; body fragment; unidentified manufacture
				6/23/2023	303	6	Glass	Unidentified Curved/Vessel Glass	1	0.8			Olive glass; body fragment; unidentified manufacture - likely not machine made
				6/23/2023	303	7	Small Finds/Architectural	Machine Cut Spike	1	41.3	1830		Ferrous; possibly burned; complete
				6/23/2023	303	8	Small Finds/Architectural	Machine Cut Nail	4	13.1	1830		Ferrous; corroded; complete
				6/23/2023	303	9	Faunal	Cow	1	8			Pubis fragment; saw marks present; carnivore gnawing present
				6/23/2023	303	10	Faunal	Unidentified Mammal	1	1.4			Unidentified element; possible cut marks present
				6/23/2023	303	11	Faunal	Unidentified Mammal	1	0.5			Unidentified element; fragment
				6/23/2023	304	1	Historic Ceramic	Whiteware - Transfer Printed - Blue	1	0.6	1820	1915	Rim sherd; transfer printed interior; unidentified pattern; thin; unidentified form
TS 1834-04			JRFAC	6/13/2023	401	1	Lithics	Biface Reduction Flake	2	33.4			Blue-gray quartzite; cortex and heating absent; complete flakes; very nice flakes
TS 1834-04			JRFAC	6/13/2023	401	2	Lithics	Biface Reduction Flake	1	7.1			Gray slate; cortex and heating absent; complete

Temp Site No.	Area	STP/Unit	Stratum	Date	Field #	Spec #	Class	Artifact Description:	Count	Weight (g)	Begin Date	End Date	Comments
TS 1834-04		P4-54	B	6/14/2023	402	1	Lithics	Early Reduction Flake	1	2.4			Gray slate; cortex present; heating absent; complete
TS 1834-04		P4-58	A	6/14/2023	403	1	Lithics	Flake Fragment	1	1			Gray slate; missing bulb and platform; cortex and heating absent
TS 1834-04		P4-72	B	6/13/2023	404	1	Lithics	Biface Reduction Flake	1	1.4			Blue-gray quartzite; cortex and heating absent; complete
TS 1834-04		P4-72 S5	A	6/14/2023	405	1	Lithics	Biface Reduction Flake	1	0.9			Blue-gray quartzite; cortex and heating absent; complete
TS 1834-05		P2-1	A	6/2/2023	501	1	Historic Ceramic	Whiteware	1	0.5	1820	2000	Body sherd; undecorated; one side entirely spalled; other side spalling; unidentified form
TS 1834-05		P2-1	A	6/2/2023	501	2	Lithics	Early Reduction Flake	1	2.9			Gray slate; cortex present; heating absent; complete
TS 1834-05		P2-3	B	6/2/2023	502	1	Lithics	Mineral	1	14.3			Gray slate; appears unmodified; likely non-cultural
TS 1834-05		P2-4	A	6/2/2023	503	1	Small Finds/Architectural	Machine Cut Nail	1	6.5	1830		Ferrous; corroded; complete
TS 1834-05		P2-10	A	6/2/2023	504	1	Historic Ceramic	Whiteware - Underglaze Handpainted	1	1	1820	2000	Body sherd; bright green handpainted design - too small to identify; interior spalled; likely hollowware
TS 1834-05		P2-8	A	6/2/2023	505	1	Historic Ceramic	Redware	1	0.2			Base sherd; unglazed; eroded; unidentified form
TS 1834-05		P2-8	A	6/2/2023	505	2	Historic Ceramic	Pearlware	1	0.4	1775	1840	Footring sherd; undecorated; spalled entirely on interior; blue pooling at curves of footring; unidentified form
TS 1834-05		P2-8	A	6/2/2023	505	3	Historic Ceramic	Whiteware - Transfer Printed - Other Colors	1	0.2	1825	1915	Rim sherd; red transfer printed interior; very thin; unidentified form; unidentified pattern; small consecutive dots along edge
TS 1834-05		P2-8	A	6/2/2023	505	4	Historic Ceramic	Whiteware	1	0.2	1820	2000	Body sherd; very small; undecorated; spalled on one side
TS 1834-05		P2-16	A	6/5/2023	506	1	Historic Ceramic	Whiteware	1	0.2	1820	2000	Rim sherd; undecorated; very thin; unidentified form
TS 1834-05		P2-17	B	6/5/2023	507	1	Small Finds/Architectural	Machine Cut Nail	1	11.1	1830		Ferrous; corroded; complete
TS 1834-05		P2-1 W5	A	6/5/2023	508	1	Historic Ceramic	Redware - Clear Glaze	1	1.8			Body sherd; exterior clear glazed; interior spalled; hollowware
TS 1834-05		P2-1 W5	A	6/5/2023	508	2	Historic Ceramic	Pearlware - Underglaze Handpainted - Brown	1	1.1	1795	1820	Body sherd; interior spalled; exterior has underglaze handpainted brown line; likely hollowware
TS 1834-05		P2-1 W5	A	6/5/2023	508	3	Lithics	Early Reduction Flake	1	7.3			Gray slate; cortex present; heating absent; complete
TS 1834-05		P2-3 E2.5	B	6/8/2023	509	1	Small Finds/Architectural	Machine Cut Nail	1	3.3	1830		Ferrous; corroded; complete
TS 1834-05		P2-17 N5	A	6/5/2023	510	1	Historic Ceramic	Pearlware	1	0.9	1775	1840	Body sherd; heavily spalled; undecorated; unidentified form

Temp Site No.	Area	STP/Unit	Stratum	Date	Field #	Spec #	Class	Artifact Description:	Count	Weight (g)	Begin Date - End Date		Comments
TS 1834-05		P2-16 S5	A	6/5/2023	511	1	Historic Ceramic	Pearlware - Underglaze Handpainted - Other	1	0.1	1775	1820	Body spall fragment; underglaze handpainted green lines; unidentified pattern; unidentified form
TS 1834-05		P2-16 S5	A	6/5/2023	511	2	Historic Ceramic	Whiteware - Transfer Printed - Blue	1	0.2	1820	1915	Body sherd; blue transfer printed; unidentified pattern; unidentified form
TS 1834-05		P2-8 S5	A	6/8/2023	512	1	Historic Ceramic	Whiteware - Shell Edge - Blue	1	0.2	1820	1900	Rim sherd; blue shell edged molded rim; possible pearlware; very small fragment; unidentified form
TS 1834-05		P2-1 S5 W5	A	6/8/2023	513	1	Lithics	Early Reduction Flake	2	4			Gray slate; cortex present; heating absent; complete
TS 1834-05		P2-1 S5 W5	A	6/8/2023	513	2	Lithics	Biface Reduction Flake	1	0.2			Gray slate; cortex and heating absent; complete
IA 1834-01	Parcel 5	P5-43	B	6/16/2023	601	1	Small Finds/Architectural	Machine Cut Coffin Nail	2	6.2	1830		Ferrous; corroded; complete
IA 1834-02	Parcel 5			6/21/2023	602	1	Lithics	Biface Reduction Flake	1	1.5			Brown chert; mostly intact - some of platform missing; cortex and heating absent