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Archaeology Services, Inc.

Tracking the Footsteps of the Ancestors



REPORTS OF INVESTIGATIONS

Phase I Archaeological Investigations
for the proposed White subdivision
Township of Shelter Island
Suffolk County, New York

March 2005

Prepared for:

Inter-Science, Southampton, New York
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Report #: 353

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ABSTRACT

Between January and March, 2005, TRACKER-Archaeology Services, Inc. conducted a Phase I archaeological investigation for the proposed White subdivision in Shelter Island, New York. Documentary evidence had revealed that the property was situated in a location that evidenced a higher than average potential for the recovery of prehistoric sites and a moderate potential for historic sites.

The property is approximately 51 acres in size inclusive with extensive conservation easements, other open space areas, and wetlands. The field survey consisted of the excavation of 452 shovel test pits across the project area. No prehistoric features or artifacts were encountered. No historic artifacts or features were encountered. No further archaeological work is recommended.

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INTRODUCTION

Between January 28, and March 3, 2005 Tracker-Archaeology Services, Inc. conducted a Phase IA documentary study and a Phase IB archaeological survey for the proposed White subdivision in Shelter Island, Suffolk County, New York.

The purpose of the Phase IA documentary study was to determine the prehistoric and historic potential of the project area for the recovery of archaeological remains. The Phase IA was implemented by a review of the original and current environmental data, archaeological site files, other archival literature, maps and documents.

The prehistoric and historic site file search was conducted utilizing the resources of the New York State Historic Preservation Office. Various historical and archaeological web sites were queried to review any pertinent site information. Research institutions utilized included: Shelter Island Historical Society, New York State archives at Stony Brook, and the library at TRACKER.

The purpose of the Phase IB survey was to recover physical evidence for the presence or absence of archaeological sites on the property. This was accomplished through subsurface testing and ground surface reconnaissance.

The total property size is 51.7 acres. However, the project area, and limitations of the archaeological survey, is approximately 28 acres in size, excluding the wetlands, conservation easements/wetland setbacks, and other open space areas. The property as a whole is bounded to the west by West Neck Creek, to the south by West Neck Creek and private property, to the east by Menantic Road and private property, and to the north by private property.

The study was completed by TRACKER-Archaeology Services, Inc. of Monroe, New York. Prehistoric and historic research was conducted by Alfred Cammisa, M.A. Phase IB field work was completed by Alexander Padilla, B.A., Jean Cascardi, B.A., Stacey Pabisz, B.A., and David Gubkin, B.A. Report preparation was by Alfred Cammisa and Felicia Cammisa, B.A.

The study was performed for Inter-Science of Southampton, New York and W. Campbell Hudson III of Essex, CT.

ENVIRONMENT

Geology

The project area is located in the southeast portion of New York State in the eastern part of Suffolk County. This portion of New York lies in the Atlantic Coastal Plains Physiographic Province. The coastal plain slopes gently eastward and is actually a strip of recently emerged sea bottom. The soils in this region consist largely of sand, clay and marl (a mixture of clay, finely fragmented shell and calcite). This region of Suffolk County lies on the Ronkonkoma Moraine. The moraine forms Block Island, Martha's Vineyard, and Nantucket Island, then runs from Montauk Point to Lake Success in western Nassau County. From Lake Success westward, the Ronkonkoma Moraine runs under the younger Harbor Hills Moraine (Schuberth 1968: cover map, 9, 184-187; Sirkin 1995: 32, 46-47; Soren and Jensen 1974).

Soils and Topography

Soils on the property consist of Haven loam, 0 to 2 percent slopes, Riverhead sandy loam, 0 to 3 percent slopes, and Tidal Marsh (Warner 1975:map 10, pgs. 71, 82, 87).

Haven soils are deep, well drained, medium-textured soils. Native vegetation consists of black oak, white oak, red oak, scrub oaks, and pitch pine. The 0 to 2 percent slopes are generally found on outwash plains. However, it is also found on moraines on the top of low lying hills (Warner 1975:71).

Riverhead soils are deep, well, drained, and moderately coarse textured. Native vegetation is black oak, white oak, red oak, and scrub oak. The 0 to 3 percent slopes are generally found on outwash plains but can be also found in small irregular areas on moraines (Warner 1975:81-82).

Tidal marsh consists of wet areas bordering calmer embayments and tidal creeks. These areas are level and not inundated by daily tidal flow, but they are subject to flooding during abnormally high moon or storm tides. Tidal marsh, also referred to as high marsh or salt meadow, has a surface organic mat ranging from a few inches to several feet in thickness. The organic mat overlies white or pale gray sand. In many places the profile of the marsh consists of alternating layers of flood deposited sand and organic mat (Warner et al 1975: pg. 87).

Elevations on the project area range from sea level to 18 feet above mean sea level.

Hydrology

The project property is located along the east side of West Neck Creek. A small inlet of the creek cuts into the property. West Neck Creek appears more like a good sized inlet in size than a creek. West Neck Creek drains into West Neck Harbor which drains into Shelter Island Sound.

The project area is situated at the bottom of a small "neck" or peninsula, which is bordered by West Neck Creek on the west, West Neck Creek Harbor on the south, and Menantic Creek on the east.

Vegetation

The predominant forest community inhabiting the Coastal Plain in this vicinity (Cape Cod to the Carolinas) was the Northern Pine-Oak Forest. These forests are maintained largely by the effects of frequent forest fires. Were it not for these fires which the pine species have adapted to, these forests would slowly change to Mesic, dominated by oak, hickory and red maple. Northern Pine-Oak forests occur on sandy or otherwise poor soils that are overly dry. They generally have lower species diversity than bottomland forests (Kricher 1988: 16-17, 65-66). The reason the forest soils and surfaces are so dry in this moist region is due to the excessive drainage of overly sandy soils on the Coastal Plain.

Prior to the intensive utilization of the area by Euro-American populations, the primary vegetation cover in the general project area probably consisted of pitch pine, virginia pine, bear oak, blackjack oak, chinkapin oak, scarlet oak, post oak, black oak, and eastern red cedar. The understory was most likely of bearberry, huckleberry, inkberry, broom crowberry, lowbush blueberry, sheep laurel, and wild raisin (Kricher 1988: 65).

In addition to the general pine-oak forest community on, and around, the study area, a localized eco-niche consisted of salt water marsh (tidal marsh). The vegetation of these "high marshes" is different from low marshes, and includes *spartina patens* or *distichlis spicata*, Marsh elder, and Sea lavender (Kavanaugh 1980:22; Richard 1979).

At the time of the Phase IB investigations the project area consisted mostly of cedar, white oak, maple, unidentified brush, large creeper vines, and phragmites on and near marshland.

PREHISTORIC POTENTIAL

The Northeast region, including New York can be divided up into three broad cultural groupings or time zones, briefly described as:

Paleoindian Period, circa 10,000 to 8,000 B.C. These people lived in small, widely scattered bands, hunting large grazing mammals such as mammoth and barren ground caribou in a park-tundra habitat, large browsing mammals such as mastodon, caribou, woodland musk ox, moose elk, etc. in a boreal habitat, and any small game or plant food that could be gathered. They had a small inventory of chipped stone tools, with the fluted spear or javelin point as the principal item. They generally camped along large waterways.

Archaic Period, circa 8,000 to 750 B.C. These people lived by hunting, fishing and gathering wild foods and shellfish in a habitat of mixed coniferous-deciduous forest. These people lived in both small inland camps near small streams or marshes and in large recurrently occupied fishing camps near large bodies of water. They lived in a more species rich environment and exploited it with a larger and more varied tool industry, including the atlatl, or spear thrower.

Woodland Period, circa 750 B.C. to 1,600 A.D. These people also lived by hunting, fishing and wild food and shellfish gathering. In addition, they developed a system of horticulture based on corn, beans, and squash as the primary cultigens. They lived in both small camps, either temporary or recurrent, and much larger villages which were sometimes palisaded for protection. They made and used pottery, copper tools, smoking pipes, the bow and arrow, and in general, had a larger and more varied tool industry than the preceding cultures.

A prehistoric site file search was conducted at the New York State Historic Preservation Office (NYSHPO). The search included a 2 mile radius around the project area. The following sites were recorded:

NYSM Sites	NYSHPO Sites	Site Description
5968		Crab Creek site: Late Archaic/Transitional occupation, partially excavated by J. Witek 1986-87. Collection at Shelter Island Museum.

5969		Crab Creek II site: Possibly single component Rossville site. Early Woodland. Collection at Shelter Island.
5970		Fresh Pond site: Late Woodland village containing Levanna and possibly Madison points.
7302		ACP Camp site.
7303		Shell Middens, ACP site: This site appears to be located closest to the study area, possibly on, or adjacent to, the property.
7349	10307.0387	Fresh Pond site, (SCAA 905). Owners exhausted site in the 1920's, possibly exhuming graves.

Assessing the known environmental and prehistoric data, we can summarize the following points:

-The study area is located along a tidal creek associated with West Neck Creek, an inlet to Shelter Island Sound. Previous archaeological investigations have shown the these area attractive to native inhabitants (Cammisa et al 1995; Cammisa et al 2005).

-The property is located on a neck of land. Previous archaeological investigations have shown that "necks" or peninsulas were attractive places for Native Americans on Long Island (Cammisa et. al. 1995; Cammisa et. al. 1999).

-The property is located on level, well drained soils.

-Numerous prehistoric sites surround the study area.

In our opinion, the study area has a higher than average potential for the recovery of prehistoric sites. The type of site encountered may be a procurement/processing or base camp site. Periods could fall within any prehistoric cultures, including Paleoindian, Archaic, or Woodland.

HISTORIC POTENTIAL

Contact Period (Seventeenth Century)

At the time of European contact and settlement, the study area and surrounding territories were occupied by Manantic people/village. The Manantic were probably a branch or subtribe of the Manhanset tribe (Stone nd: map; Stone-Levine 1980: 161). The Indian name for Shelter Island was "Manhanseekahaquash-wornock" meaning an island sheltered by islands (Thompson 1918: 210).

Population estimates for original inhabitants of Shelter Island are limited. Estimates range from "a few to 100 families". Duvall (1952) mentions that the Manhanset tribe could summon 500 fighting men at this time. He is probably referring to all branches of the tribe. They lived in semi-permanent villages that were moved according to seasonal food procurement. By the end of the century, the Indians virtually disappeared from Shelter Island history (in Lightfoot 1985f: 65; Duvall 1952: 9).

The first European to Shelter Island was James Farret in 1638. He bargained with the Indians to buy it. He owned Shelter Island for three years and during that time the island was referred to as Mr. Farrett's Island. In 1641 he sold the island to Stephen Goodyear of New Haven. In 1651 Mr. Goodyear sold it to four merchants in the sugar industry in Barbados: Thomas Middleton, Thomas Rouse, Nathaniel and Constant Sylvester. The Sylvesters were the only ones to live on the island (Duvall 1952: 19-20). The island was called Sylvester's Island before it was named Shelter Island (Thompson 1918: 213).

It might be noted that the Native Americans had no previous custom of selling land. They did, however, have a practice of loaning or renting use of their customarily occupied territory for periods of time. The distinction between selling and renting or loaning use of the land was probably blurred to the advantage of the newcomers as their population outstripped that of the original inhabitants. The migratory settlement patterns of the native Americans were also advantageous to the colonists. The settlers were able to appropriate lands, usually the most fertile, during a season or year the native camped elsewhere (Cammisa 1984: 75).

Nathaniel Sylvester died in 1680 leaving his property to his sons, including Giles, Constant, Peter and Benjamin (Thompson 1918: 217).

Eighteenth Century

Shelter Island was organized as a Town in 1730. Before 1730 the Town associated with Southold Town and Shelter Island's Town

meetings (and records) were held in Southold (Thompson 1918: 218; Wood in Bailey 1949: 172).

Giles Sylvester eventually acquired four-fifths of Shelter Island (Thompson 1918: 217). When Giles died in 1706, one half of the island belonged to William Nicoll, George Havens owned 1000 acres near the center of the island and the remainder was owned by Brinley Sylvester. His portion included land north of a line from Deering Creek to Cockle's Harbor (Ross 1903: 1029).

A large portion of land was open to subdivision after the Town of Shelter Island was organized (1730). Outside families moved into Shelter Island and the population doubled from about 100 to 200 by the end of the century (Wood in Bailey 1949: 172; Ross 1903: 1031).

The project area is located on a neck of land bordered by West Neck Creek, West Neck Harbor and Menantic Creek. This neck of land used to be known as Menantic Farm. The first recorded owners of the 500 acre Menantic Farm (after the island's subdivision) were the L'Hommedieu family. At his time, about half the neck (Menantic Farm) was under cultivation and the other half within a virgin oak forest (Loper nd).

A meeting house, cemetery and church were all constructed on Shelter Island about 1742-43 (Thompson 1918f: 218).

A ferry was established around the middle of the century (Wood in Bailey 1949: 177-78).

In 1798, the L'Hommedieu family sold the Menantic Farm to Frederick Gook for about \$7000.00 (Leper nd).

Nineteenth Century

In 1801, the Gook sold the neck (Menantic Farm) to Charles Herrshoff for \$9000.00. In 1802, Herrshoff sold the neck to Samuel Lord for the same amount he bought it for. The Lord family had come from England to Charleston, Massachusetts in 1635. They moved to Lyme, Connecticut in 1685 and eventually went into shipbuilding and became sailors. Late in the 18th century, because of the forests demise, they moved to Shelter Island. They were interested in Menantic Farm because half of the farm was covered in primeval white oak forest. The Lord family, Samuel Lord, his two brothers and two sisters, moved into the ca. 1732 L'Hommedieu house (Duvall 1952: 94-95; Brewer 1972:26; Leper nd:2).

The shipyard may have ceased operating by around 1812. The business probably closed down due partially to the forest's demise (Starace nd; Leper nd:3-4)).

Shipbuilding was carried out on Shelter Island during the early part of this century for about the next 130 years (Duvall 1952:93).

The 1838 U.S. Coast Survey shows West Neck Creek and the study area. Vegetation on the property appears as forest and probably marsh. No structures appears to be on, or adjacent to, the study area (Figure 3).

The 1858 Chace map shows the West Neck Creek, West Neck Harbor, and Menantic Creek. No structures are on, or adjacent to, the property (Figure 4).

The Nicoll family still owned their land on Shelter Island by 1865. The Sylvester portion was now supposed to be owned by Henry Dering who sold it to Lawrence V.D. Woodruff (Ross 1903: 1031).

The 1888 U.S. Coast and Geodetic map shows no buildings or structures on, or adjacent to, the study area. Forest and marsh can be seen across the study area (Figure 5).

The population of Shelter Island was supposed to be about 650 near the end of the century. The center of the island was more thickly settled than the remainder of the Town (Bayles 1962: 396).

The 1896 Hyde map shows the study area with its wetlands. The neck is now referred to as Menantic. No buildings or structures are shown on, or adjacent to, the study area. The nearest structures are along Menantic Road to the north and south of the study area (Figure 6).

Twentieth Century

The 1906 Hyde map shows the study area with the small inlet cutting through the property. No structures appears to be situated on, or adjacent to the study area. The nearest structures are the Ward structure to the north and the Dickerson structure to the south of the property along Menantic Road (Figure 7).

An historic site file search was conducted at the New York State Historic Preservation Office (NYSHPO). The search included a 2 mile radius around the study area. The following sites are recorded:

NYSM Sites	NYSHPO Sites	Site Description
	10307.0387	Daniel Lord shipyard and residence. Residence fronted on Menantic Road. Shipyard on West Neck Creek. State Ed. site marker. "Lord Shipyard established around 1800." Famous Schooner Paragon which ran the Blockade in 1804."

However, the Lord house and shipyard also appear to be reported in other nearby spots. The Lord residence is also located midway between two natural coves but 1000 feet inland. This would place it out of the study area. The shipyard may have been located along the cove near the study area, or another cove or at Daniel Lord Road, further north (Brewer 1972:26). The Shelter Island Historic Society was not sure of the exact spot of either the Lord residence or shipyard (see Cammisa et al 1998).

A site visit confirmed that the State Education site marker was on the corner of Menantic Road a block away from the study area, and south of the tidal marsh and small inlet. The sign pointed down a 2-track road. Previous archaeological investigations on this property (south of the study property) reported no sign of a shipyard. The possible remains of a stone foundation were recovered as well as both a nineteenth century dump and an early twentieth century dump (see Cammisa et al 1998).

Assessing the known environmental and historic data, we can summarize the following points:

The study area is located along a tidal creek associated with West Neck Creek, an inlet to Shelter Island Sound.

-The property is located on a neck of land with level, well drained soils.

- The Daniel Lord shipyard and residence may be located nearby the study area according to New York State Historic Preservation records and the Shelter Island Historical Society.

-A New York State Education site marker marks the property north of the study area as the 19th century shipyard and residence of the Lord family. However, previous archaeological work on this same parcel yielded no definitive results.

-No structures are located on, or adjacent to, the study area according to historic maps.

In our opinion, the study area has a moderate potential for the recovery of historic sites. The type of site encountered would most likely be associated with the Lord shipyard or Ward or Dickerson structures.

FIELD METHODS

Walkover-Reconnaissance

The study property was subjected to a walkover-reconnaissance. Covered ground terrain was reconnoitered at about 7.5 to 15 meter intervals, or less, for any above ground features, such as berms or depressions, which might be evidenced for a prehistoric or historic site. Exposed ground surfaces was also walked over, but at shoulder width transects to observe for artifacts. Photographs were taken of the project area, general work in progress.

Shovel Testing

Shovel test pits were excavated at 7.5 to 15 meter intervals on average across the project property. Closer intervals were utilized nearer wetlands.

Shovel test pit intervals were paced apart. Each shovel test pit measured about 30 to 40 cm. in diameter and was dug into the underlying subsoil (B horizon) 10 to 20 cm. or more when possible. All soils were screened through 1/4 inch wire mesh and observed for artifacts. Shovel test pits were flagged in the field. All shovel test pits were mapped on the project area map at this time.

Soil stratigraphy was recorded according to texture and color. Soil color was matched against the Munsell color chart for soils. Notes were transcribed in a note book.

FIELD RESULTS

Field testing of the project area consisted of the excavation of 452 shovel test pits. No prehistoric artifacts or features were encountered. No historic artifacts or features were encountered.

Stratigraphy

General stratigraphy across the project area consisted of the following:

O horizon - 3 to 14 cm. of root mat, humus and leaf litter.

A horizon - 10 to 24 cm. thick of 10YR4/2 dark gray brown sandy loam.

B horizon - 10 to 20 cm. dug into of 10YR5/6 yellow brown sandy loam.

Mid-late twentieth century houses, sheds, docks, garages, and outhouses were on the property. Most were within the conservation easement/wetland setback. Structures on the project area and outside open space buffers include (all twentieth century) sheds with wire nails, and cement blocks/slabs, a carport, and 2 standing outhouses.

CONCLUSIONS AND RECOMMENDATIONS

Based upon topographic characteristics and proximity to prehistoric sites, the Phase IA documentary study had assessed the study area with a higher than average potential for the recovery of prehistoric sites.

Based upon similar environmental characteristics and distance to historic structures and sites, the property had a moderate potential for historic sites.

During the course of the Phase IB field testing, no prehistoric artifacts or features were encountered. No historic artifacts or features were encountered. No further archaeological work is recommended.

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1838 *Map of Shelter Island.* Map #69. United States Coast
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United States Coast and Geodetic Survey

1888 *Shore Line of Shelter Island, New York.* Map #1572.
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1956 *Greenport, New York quadrangle, 7.5 minute series.*

APPENDIX 1

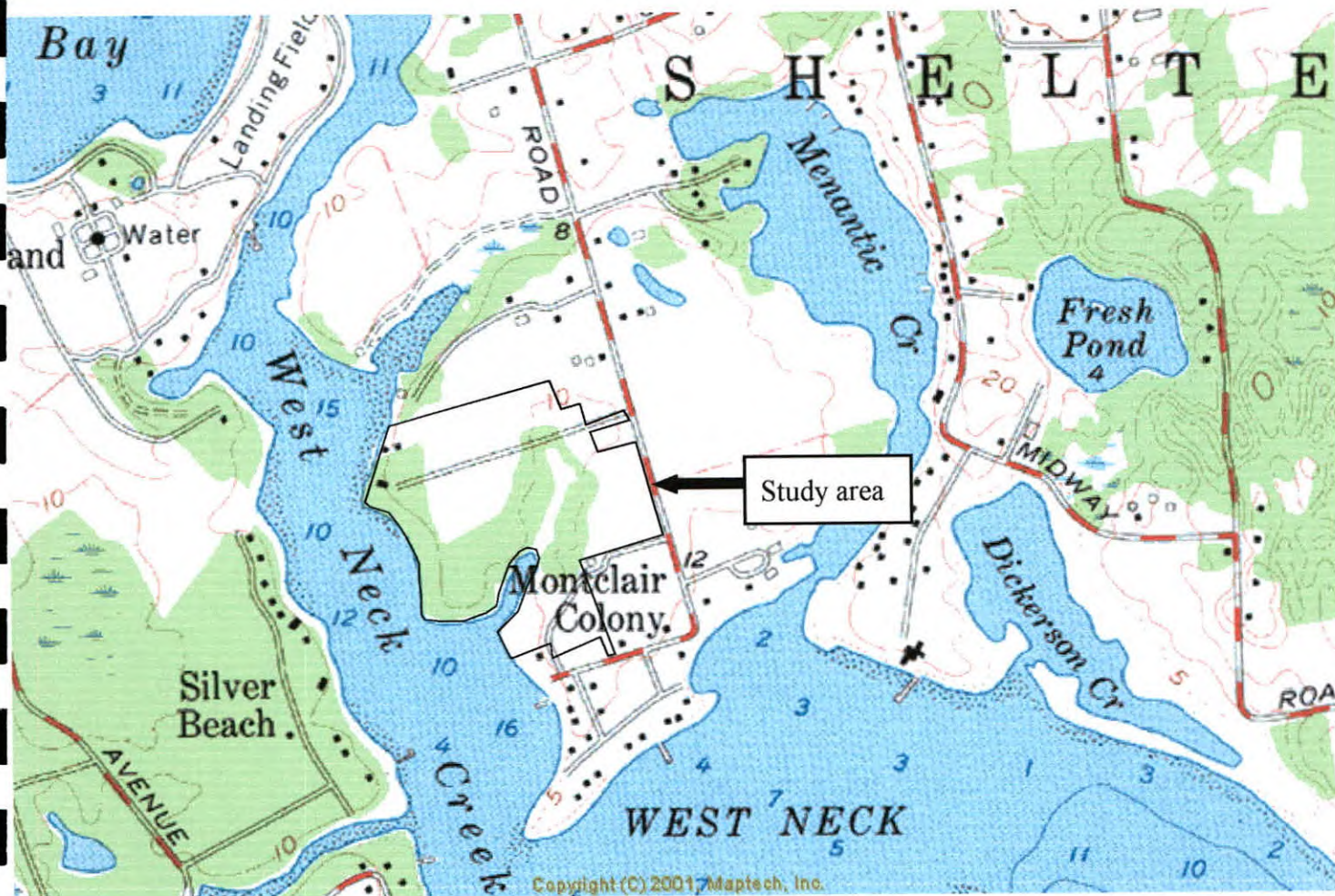


FIGURE 1

Location of the study area shown on a portion of the U.S.G.S. Greenport, NY 7.5 minute series quadrangle



Figure 3

Portion of the 1838 U.S. Coast Survey.



Portion of the 1858 Chace map.

Portion of the 1858 Chace map.



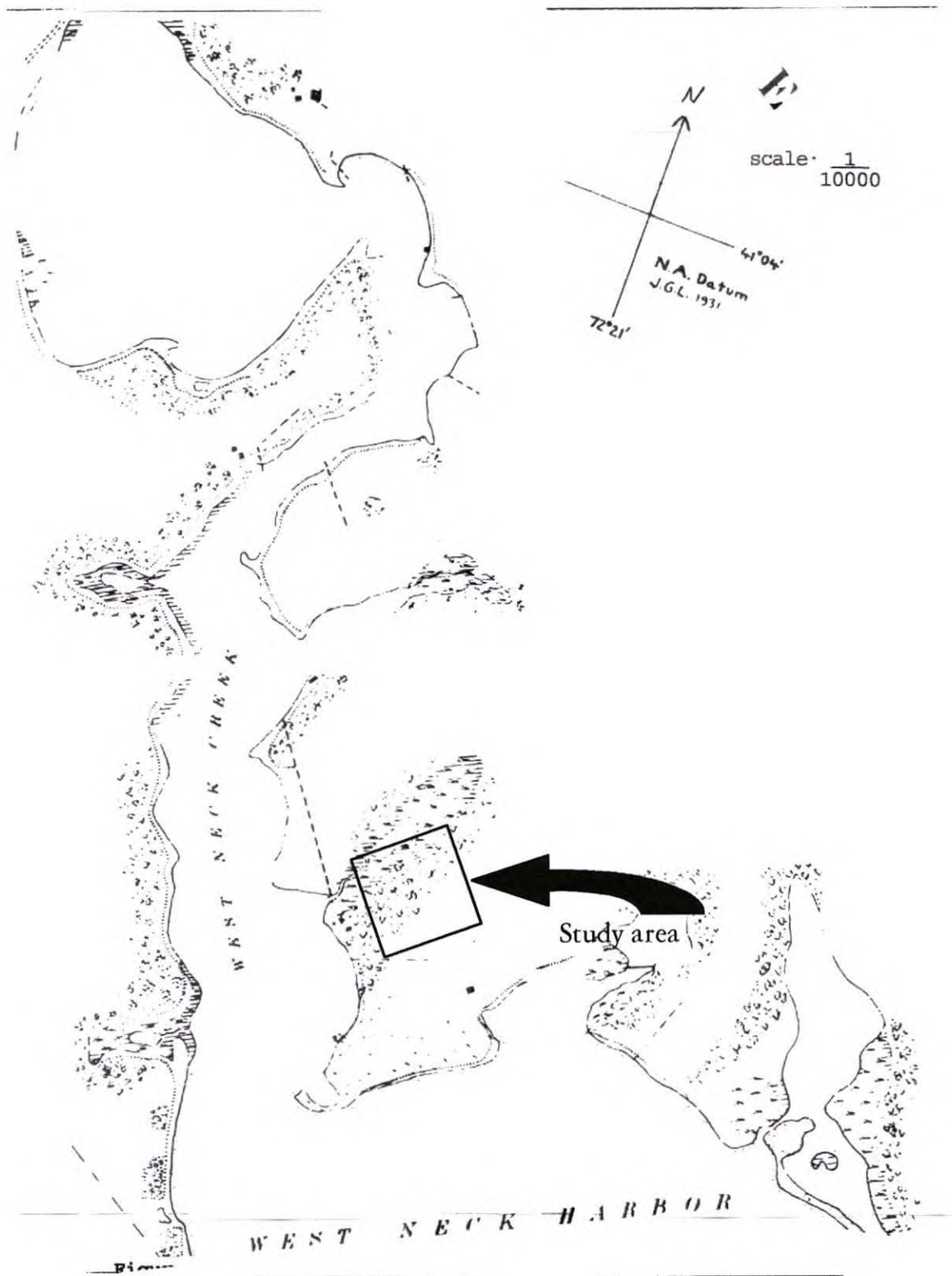


Figure 5

Portion of the 1888 U.S. Coast & Geodetic survey.

Figure 7

Portion of the 1906 Hyde atlas.





Plate 1

Looking west to modern 2-story house within conservation
easement



Plate 2

Looking east at small house/shed on left and garage on right, both within conservation easement



Plate 3

Looking east at newly framed outhouse



Plate 4

Looking north at twentieth century shed



Plate 5

Looking east at tipped over outhouse

APPENDIX 2

SHOVEL TEST PITS

<u>STP</u>	<u>LV</u>	<u>DEPTH(CM)</u>	<u>TEXTURE</u>	<u>COLOR</u>	<u>HOR</u>	<u>COMMENT</u>
1	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	Sandy Loam(SL)	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
2	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
3	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
4	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
5	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
6	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
7	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
8	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
9	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
10	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
11	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
12	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
13	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM

	3	24-39	SL	10YR5/6	B	NCM
14	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
15	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
16	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
17	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
18	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
19	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
20	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
21	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
22	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
23	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
24	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
25	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
26	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM

27	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
28	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
29	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
30	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
31	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
32	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
33	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
34	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
35	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
36	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
37	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
39	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
38	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
39	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM

	3	25-34	SL	10YR5/6	B	NCM
40	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
41	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
42	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
43	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
44	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
45	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
46	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
47	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
48	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
49	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
50	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
51	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
52	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM

53	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
54	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
55	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
56	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
57	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
58	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-23	SL	10YR4/2	A	NCM
	3	23-35	SL	10YR5/6	B	NCM
59	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
60	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
61	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
62	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
63	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
64	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
65	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
66	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM

	3	22-33	SL	10YR5/6	B	NCM
67	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
68	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
69	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
70	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
71	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
72	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
73	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
74	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
75	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
76	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
77	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
78	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
79	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM

80	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
81	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
82	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
83	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
84	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
85	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
86	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
87	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
88	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
89	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
90	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
91	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
92	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
93	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM

	3	24-39	SL	10YR5/6	B	NCM
94	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
95	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
96	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
97	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
98	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
99	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
100	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
101	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
102	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
103	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
104	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
105	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
106	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM

107	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
108	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
109	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
110	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
111	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
112	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
113	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
114	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
115	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
116	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
117	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
118	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
119	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
120	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM

	3	25-34	SL	10YR5/6	B	NCM
121	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
122	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
123	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
124	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
125	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
126	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
127	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
128	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
129	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
130	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
131	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
132	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
133	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM

134	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
135	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
136	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
137	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
138	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
139	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
140	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
141	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
142	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
143	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
144	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
145	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
146	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
147	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM

	3	32-41	SL	10YR5/6	B	NCM
148	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
149	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
150	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
151	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
152	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
153	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
154	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
155	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
156	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
157	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
158	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
159	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
160	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM

161	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
162	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
163	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
164	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
165	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
166	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
167	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
168	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
169	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
170	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
171	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
172	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
173	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
174	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM

	3	26-36	SL	10YR5/6	B	NCM
175	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
176	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
177	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
178	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
179	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
180	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
181	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
182	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
183	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
184	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
185	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
186	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
187	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM

188	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
189	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
190	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
191	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
192	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
193	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
194	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
195	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
196	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
197	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
198	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
199	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
200	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
201	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM

	3	27-37	SL	10YR5/6	B	NCM
202	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
203	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
204	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
205	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
206	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
207	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
208	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
209	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-21	SL	10YR4/2	A	NCM
	3	21-33	SL	10YR5/6	B	NCM
210	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-39	SL	10YR4/2	A	NCM
	3	39-51	SL	10YR5/6	B	NCM
211	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-29	SL	10YR4/2	A	NCM
Impeded by rocks.						
212	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
213	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
214	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM

215	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-24	SL	10YR4/2	A	NCM
	3	24-34	SL	10YR5/6	B	NCM
216	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
217	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
218	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
219	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-36	SL	10YR5/6	B	NCM
220	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
221	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-34	SL	10YR4/2	A	NCM
	3	34-44	SL	10YR5/6	B	NCM
222	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
223	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-28	SL	10YR4/2	A	NCM
	3	28-39	SL	10YR5/6	B	NCM
224	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-19	SL	10YR4/2	A	NCM
	3	19-28	SL	10YR5/6	B	NCM
225	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
226	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-15	SL	10YR4/2	A	NCM
	3	15-24	SL	10YR5/6	B	NCM
227	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-17	SL	10YR4/2	A	NCM
	3	17-29	SL	10YR5/6	B	NCM
228	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-16	SL	10YR4/2	A	NCM

	3	16-28	SL	10YR5/6	B	NCM
229	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
230	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-35	SL	10YR5/6	B	NCM
231	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-19	SL	10YR4/2	A	NCM
	3	19-30	SL	10YR5/6	B	NCM
232	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
233	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-24	SL	10YR4/2	A	NCM
	3	24-34	SL	10YR5/6	B	NCM
234	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-18	SL	10YR4/2	A	NCM
	3	18-28	SL	10YR5/6	B	NCM
235	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
236	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
237	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
238	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-21	SL	10YR4/2	A	NCM
	3	21-32	SL	10YR5/6	B	NCM
239	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-22	SL	10YR4/2	A	NCM
	3	22-31	SL	10YR5/6	B	NCM
240	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-19	SL	10YR4/2	A	NCM
	3	19-31	SL	10YR5/6	B	NCM
241	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-19	SL	10YR4/2	A	NCM
	3	19-29	SL	10YR5/6	B	NCM

242	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-32	SL	10YR4/2	A	NCM
	3	32-42	SL	10YR5/6	B	NCM
243	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-34	SL	10YR5/6	B	NCM
244	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-14	SL	10YR4/2	A	NCM
	3	14-24	SL	10YR5/6	B	NCM
245	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
246	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
247	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
248	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-31	SL	10YR4/2	A	NCM
	3	31-42	SL	10YR5/6	B	NCM
249	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
250	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-29	SL	10YR4/2	A	NCM
	3	29-42	SL	10YR5/6	B	NCM
251	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
252	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
Impeded by roots.						
253	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-30	SL	10YR4/2	A	NCM
	3	30-39	SL	10YR5/6	B	NCM
254	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
255	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM

	3	24-37	SL	10YR5/6	B	NCM
256	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
257	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-27	SL	10YR4/2	A	NCM
	3	27-39	SL	10YR5/6	B	NCM
258	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
259	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
260	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-25	SL	10YR4/2	A	NCM
	3	25-41	SL	10YR5/6	B	NCM
261	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-23	SL	10YR4/2	A	NCM
	3	23-41	SL	10YR5/6	B	NCM
262	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-25	SL	10YR4/2	A	NCM
	3	25-40	SL	10YR5/6	B	NCM
263	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-34	SL	10YR4/2	A	NCM
	3	34-44	SL	10YR5/6	B	NCM
264	1	0-13	rootmat,leaves,humus		A/O	NCM
	2	13-33	SL	10YR4/2	A	NCM
	3	33-43	SL	10YR5/6	B	NCM
265	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
266	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
267	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
268	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM

269	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
270	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
271	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
272	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
273	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
274	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
275	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
276	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
277	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
278	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
279	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
280	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
281	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
282	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-25	SL	10YR4/2	A	NCM

	3	25-35	SL	10YR5/6	B	NCM
283	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-27	SL	10YR4/2	A	NCM
	3	27-38	SL	10YR5/6	B	NCM
284	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
285	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-36	SL	10YR5/6	B	NCM
286	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-23	SL	10YR4/2	A	NCM
	3	23-35	SL	10YR5/6	B	NCM
287	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-36	SL	10YR5/6	B	NCM
288	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-34	SL	10YR5/6	B	NCM
289	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
290	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-27	SL	10YR4/2	A	NCM
	3	27-39	SL	10YR5/6	B	NCM
291	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-38	SL	10YR5/6	B	NCM
292	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
293	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM
	3	22-37	SL	10YR5/6	B	NCM
294	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-24	SL	10YR4/2	A	NCM
	3	24-36	SL	10YR5/6	B	NCM
295	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-23	SL	10YR4/2	A	NCM
	3	23-33	SL	10YR5/6	B	NCM

296	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-25	SL	10YR4/2	A	NCM
	3	25-37	SL	10YR5/6	B	NCM
297	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
298	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
299	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
300	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
301	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-23	SL	10YR4/2	A	NCM
	3	23-34	SL	10YR5/6	B	NCM
302	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
303	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
304	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
305	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
306	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
307	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-28	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
308	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
309	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-22	SL	10YR4/2	A	NCM

	3	22-37	SL	10YR5/6	B	NCM
310	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
311	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
312	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM
	3	24-37	SL	10YR5/6	B	NCM
313	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
314	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
315	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
316	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
317	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
318	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
319	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
320	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
321	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
322	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-19	SL	10YR4/2	A	NCM
	3	19-29	SL	10YR5/6	B	NCM

323	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
324	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-15	SL	10YR4/2	A	NCM
	3	15-28	SL	10YR5/6	B	NCM
325	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-22	SL	10YR4/2	A	NCM
	3	22-29	SL	10YR5/6	B	NCM
326	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-27	SL	10YR4/2	A	NCM
	3	27-38	SL	10YR5/6	B	NCM
327	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-33	SL	10YR4/2	A	NCM
	3	33-42	SL	10YR5/6	B	NCM
328	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-23	SL	10YR4/2	A	NCM
	3	23-34	SL	10YR5/6	B	NCM
329	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
330	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-23	SL	10YR4/2	A	NCM
	3	23-26	SL	10YR5/6	B	NCM
Impeded by roots.						
331	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
332	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-35	SL	10YR4/2	A	NCM
	3	35-46	SL	10YR5/6	B	NCM
333	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-38	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
334	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
335	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-25	SL	10YR4/2	A	NCM
	3	25-35	SL	10YR5/6	B	NCM
336	1	0-7	rootmat,leaves,humus		A/O	NCM

	2	7-28	SL	10YR4/2	A	NCM
	3	28-38	SL	10YR5/6	B	NCM
337	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
338	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-24	SL	10YR4/2	A	NCM
	3	24-40	SL	10YR5/6	B	NCM
339	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-23	SL	10YR4/2	A	NCM
	3	23-34	SL	10YR5/6	B	NCM
340	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
341	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
342	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-38	SL	10YR5/6	B	NCM
343	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
344	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-25	SL	10YR4/2	A	NCM
	3	25-39	SL	10YR5/6	B	NCM
345	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-27	SL	10YR4/2	A	NCM
	3	27-40	SL	10YR5/6	B	NCM
346	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-28	SL	10YR4/2	A	NCM
	3	28-40	SL	10YR5/6	B	NCM
347	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-25	SL	10YR4/2	A	NCM
	3	25-37	SL	10YR5/6	B	NCM
348	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-25	SL	10YR4/2	A	NCM
	3	25-39	SL	10YR5/6	B	NCM
349	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-26	SL	10YR4/2	A	NCM
	3	26-40	SL	10YR5/6	B	NCM

350	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-27	SL	10YR4/2	A	NCM
	3	27-40	SL	10YR5/6	B	NCM
351	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-10	SL	10YR4/2	A	NCM
	3	10-27	SL	10YR5/6	B	NCM
352	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-20	SL	10YR4/2	A	NCM
	3	20-32	SL	10YR5/6	B	NCM
353	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-21	SL	10YR4/2	A	NCM
	3	21-25	SL	10YR5/6	B	NCM
Impeded by roots.						
354	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-8	SL	10YR4/2	A	NCM
	3	8-20	SL	10YR5/6	B	NCM
355	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-11	SL	10YR4/2	A	NCM
	3	11-23	SL	10YR5/6	B	NCM
356	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
357	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-22	SL	10YR4/2	A	NCM
	3	22-35	SL	10YR5/6	B	NCM
358	1	0-2	rootmat,leaves,humus		A/O	NCM
	2	2-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
359	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-38	SL	10YR5/6	B	NCM
360	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
361	1	0-3	rootmat,leaves,humus		A/O	NCM
	2	3-6	SL	10YR4/2	A	NCM
	3	6-18	SL	10YR5/6	B	NCM
362	1	0-2	rootmat,leaves,humus		A/O	NCM
	2	2-4	SL	10YR4/2	A	NCM
	3	4-17	SL	10YR5/6	B	NCM
363	1	0-4	rootmat,leaves,humus		A/O	NCM

	2	4-6	SL	10YR4/2	A	NCM
	3	6-22	SL	10YR5/6	B	NCM
364	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-24	SL	10YR4/2	A	NCM
	3	24-34	SL	10YR5/6	B	NCM
365	1	0-2	rootmat,leaves,humus		A/O	NCM
	2	2-8	SL	10YR4/2	A	NCM
	3	8-20	SL	10YR5/6	B	NCM
366	1	0-2	rootmat,leaves,humus		A/O	NCM
	2	2-6	SL	10YR4/2	A	NCM
	3	6-22	SL	10YR5/6	B	NCM
367	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-7	SL	10YR4/2	A	NCM
	3	7-29	SL	10YR5/6	B	NCM
368	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-17	SL	10YR4/2	A	NCM
	3	17-27	SL	10YR5/6	B	NCM
369	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-23	SL	10YR4/2	A	NCM
	3	23-35	SL	10YR5/6	B	NCM
370	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-28	SL	10YR4/2	A	NCM
	3	28-39	SL	10YR5/6	B	NCM
371	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-39	SL	10YR5/6	B	NCM
372	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-38	SL	10YR5/6	B	NCM
373	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
374	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
375	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
376	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-30	SL	10YR4/2	A	NCM
	3	30-43	SL	10YR5/6	B	NCM

377	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-20	SL	10YR4/2	A	NCM
	3	20-34	SL	10YR5/6	B	NCM
378	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-44	SL	10YR5/6	B	NCM
379	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
380	1	0-13	rootmat,leaves,humus		A/O	NCM
	2	13-30	SL	10YR4/2	A	NCM
	3	30-41	SL	10YR5/6	B	NCM
381	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-23	SL	10YR4/2	A	NCM
Impeded by roots.						
382	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-35	SL	10YR5/6	B	NCM
383	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-31	SL	10YR4/2	A	NCM
	3	31-42	SL	10YR5/6	B	NCM
384	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
385	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-24	SL	10YR4/2	A	NCM
	3	24-36	SL	10YR5/6	B	NCM
386	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-30	SL	10YR4/2	A	NCM
	3	30-42	SL	10YR5/6	B	NCM
387	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-19	SL	10YR4/2	A	NCM
	3	19-34	SL	10YR5/6	B	NCM
388	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-20	SL	10YR4/2	A	NCM
	3	20-30	SL	10YR5/6	B	NCM
389	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
390	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-19	SL	10YR4/2	A	NCM

	3	19-27	SL	10YR5/6	B	NCM
391	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-21	SL	10YR4/2	A	NCM
	3	21-30	SL	10YR5/6	B	NCM
392	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-27	SL	10YR4/2	A	NCM
	3	27-39	SL	10YR5/6	B	NCM
393	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-27	SL	10YR4/2	A	NCM
	3	27-43	SL	10YR5/6	B	NCM
394	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-31	SL	10YR4/2	A	NCM
	3	31-41	SL	10YR5/6	B	NCM
395	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-30	SL	10YR4/2	A	NCM
	3	30-42	SL	10YR5/6	B	NCM
396	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-31	SL	10YR4/2	A	NCM
	3	31-43	SL	10YR5/6	B	NCM
397	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-32	SL	10YR4/2	A	NCM
	3	32-40	SL	10YR5/6	B	NCM
398	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
399	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
400	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-28	SL	10YR4/2	A	NCM
	3	28-38	SL	10YR5/6	B	NCM
401	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-29	SL	10YR4/2	A	NCM
	3	29-41	SL	10YR5/6	B	NCM
402	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
403	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM

404	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-35	SL	10YR5/6	B	NCM
405	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-30	SL	10YR4/2	A	NCM
	3	30-40	SL	10YR5/6	B	NCM
406	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
407	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-28	SL	10YR4/2	A	NCM
	3	28-39	SL	10YR5/6	B	NCM
408	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-40	SL	10YR5/6	B	NCM
409	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-30	SL	10YR4/2	A	NCM
	3	30-42	SL	10YR5/6	B	NCM
410	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
411	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-45	SL	10YR5/6	B	NCM
412	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-31	SL	10YR4/2	A	NCM
	3	31-44	SL	10YR5/6	B	NCM
413	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-32	SL	10YR4/2	A	NCM
	3	32-45	SL	10YR5/6	B	NCM
414	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-33	SL	10YR4/2	A	NCM
	3	33-43	SL	10YR5/6	B	NCM
415	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-38	SL	10YR5/6	B	NCM
416	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
417	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM

	3	26-37	SL	10YR5/6	B	NCM
418	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-27	SL	10YR4/2	A	NCM
	3	27-38	SL	10YR5/6	B	NCM
419	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-28	SL	10YR4/2	A	NCM
	3	28-38	SL	10YR5/6	B	NCM
420	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-39	SL	10YR4/2	A	NCM
	3	39-48	SL	10YR5/6	B	NCM
421	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-35	SL	10YR4/2	A	NCM
	3	35-45	SL	10YR5/6	B	NCM
422	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
423	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-33	SL	10YR4/2	A	NCM
	3	33-44	SL	10YR5/6	B	NCM
424	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-31	SL	10YR4/2	A	NCM
	3	31-44	SL	10YR5/6	B	NCM
425	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-28	SL	10YR4/2	A	NCM
	3	28-40	SL	10YR5/6	B	NCM
426	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
427	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
427	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
427	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
428	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-35	SL	10YR5/6	B	NCM

429	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-24	SL	10YR4/2	A	NCM
	3	24-38	SL	10YR5/6	B	NCM
430	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-28	SL	10YR4/2	A	NCM
	3	28-40	SL	10YR5/6	B	NCM
431	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
432	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
433	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-28	SL	10YR4/2	A	NCM
	3	28-38	SL	10YR5/6	B	NCM
434	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-31	SL	10YR4/2	A	NCM
	3	31-45	SL	10YR5/6	B	NCM
435	1	0-11	rootmat,leaves,humus		A/O	NCM
	2	11-33	SL	10YR4/2	A	NCM
	3	33-45	SL	10YR5/6	B	NCM
436	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-30	SL	10YR4/2	A	NCM
	3	30-44	SL	10YR5/6	B	NCM
437	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-29	SL	10YR4/2	A	NCM
	3	29-39	SL	10YR5/6	B	NCM
438	1	0-10	rootmat,leaves,humus		A/O	NCM
	2	10-26	SL	10YR4/2	A	NCM
	3	26-39	SL	10YR5/6	B	NCM
439	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-28	SL	10YR4/2	A	NCM
	3	28-40	SL	10YR5/6	B	NCM
440	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-24	SL	10YR4/2	A	NCM
	3	24-39	SL	10YR5/6	B	NCM
441	1	0-9	rootmat,leaves,humus		A/O	NCM
	2	9-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
442	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-24	SL	10YR4/2	A	NCM

	3	24-37	SL	10YR5/6	B	NCM
443	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-36	SL	10YR5/6	B	NCM
444	1	0-14	rootmat,leaves,humus		A/O	NCM
	2	14-32	SL	10YR4/2	A	NCM
	3	32-43	SL	10YR5/6	B	NCM
445	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-22	SL	10YR4/2	A	NCM
	3	22-33	SL	10YR5/6	B	NCM
446	1	0-12	rootmat,leaves,humus		A/O	NCM
	2	12-32	SL	10YR4/2	A	NCM
	3	32-41	SL	10YR5/6	B	NCM
447	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-29	SL	10YR4/2	A	NCM
	3	29-40	SL	10YR5/6	B	NCM
448	1	0-4	rootmat,leaves,humus		A/O	NCM
	2	4-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM
449	1	0-5	rootmat,leaves,humus		A/O	NCM
	2	5-29	SL	10YR4/2	A	NCM
	3	29-38	SL	10YR5/6	B	NCM
450	1	0-7	rootmat,leaves,humus		A/O	NCM
	2	7-26	SL	10YR4/2	A	NCM
	3	26-37	SL	10YR5/6	B	NCM
451	1	0-6	rootmat,leaves,humus		A/O	NCM
	2	6-25	SL	10YR4/2	A	NCM
	3	25-34	SL	10YR5/6	B	NCM
452	1	0-8	rootmat,leaves,humus		A/O	NCM
	2	8-27	SL	10YR4/2	A	NCM
	3	27-37	SL	10YR5/6	B	NCM