

**NO NATIONAL REGISTER OF HISTORIC PLACES ELIGIBLE OR LISTED ARCHAEOLOGICAL SITES OR
ARCHITECTURAL RESOURCES PRESENT REPORT**

**Cultural and Archaeological (C&A) Survey and Site Evaluation
Property Identification Numbers (PIN) 9864392344, 9864398253, and 9864397758 in Hillsborough
Township, Orange County, North Carolina**

INTRODUCTION

The following work was conducted in compliance with the Orange County Cultural and Archaeological (C&A) Resources Policy (October 3, 2006). The purpose of the policy is to clarify the county's intention to identify and evaluate cultural and archaeological resources on sites that are planned for construction. The objective of the C&A investigation was be 1) to document the presence and/or absence of cultural and archaeological resources within the property and 2) to evaluate the sites for listing on the National Register of Historic Places (NRHP). The work was conducted by Legacy Research Associates, Durham, NC, for the Orange County Asset Management Department.

PROJECT LOCATION INFORMATION

This project is located in Hillsborough Township, Orange County, North Carolina, on three parcels of land with Property Identification Numbers (PINs) 9864392344, 9864398253, and 9864397758. These parcels cover approximately 22 acres of undeveloped land located south of US 70 West (Cornelius Road) (Figure 1).

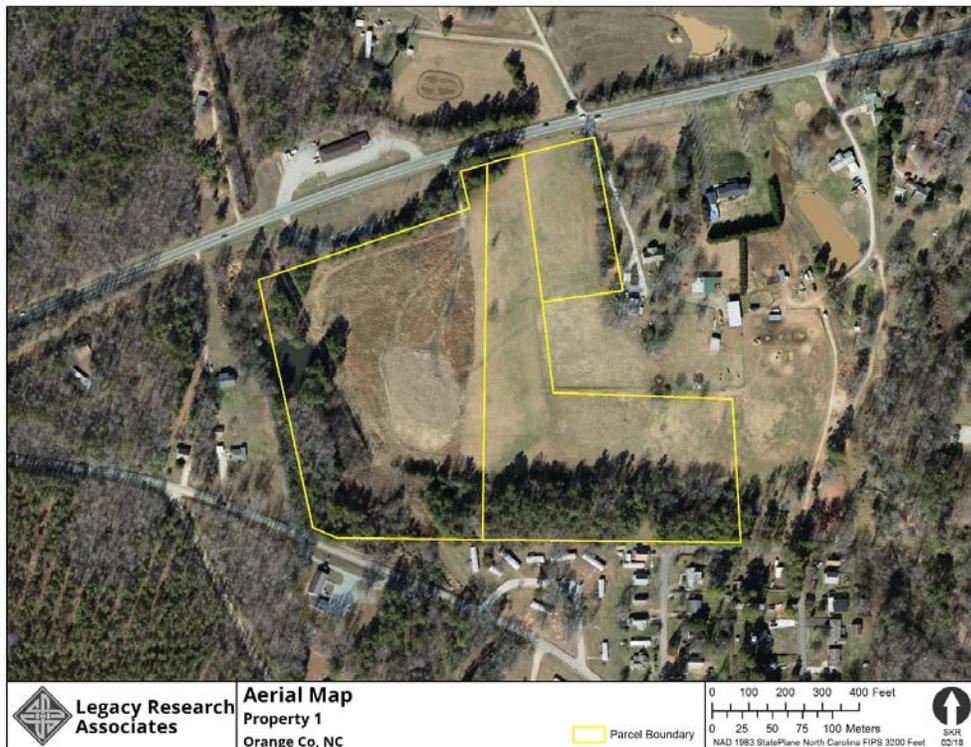


Figure 1. Project Location and Boundary.

SUMMARY OF ARCHAEOLOGICAL FINDINGS

The records search found that there were no previously recorded archaeological sites or architectural resources located within the Project boundaries and that no comprehensive archaeological survey had been conducted in the three parcels that comprise the project.

Research found that eight ca. 1926-1961 architectural resources are located within 500 ft of the Project (Figure 2). Most are buildings from the Eno Cotton Mill Village that were relocated between 1956 and 1958. Historic architectural resources are summarized in (Table 1). None are within the Project boundary.

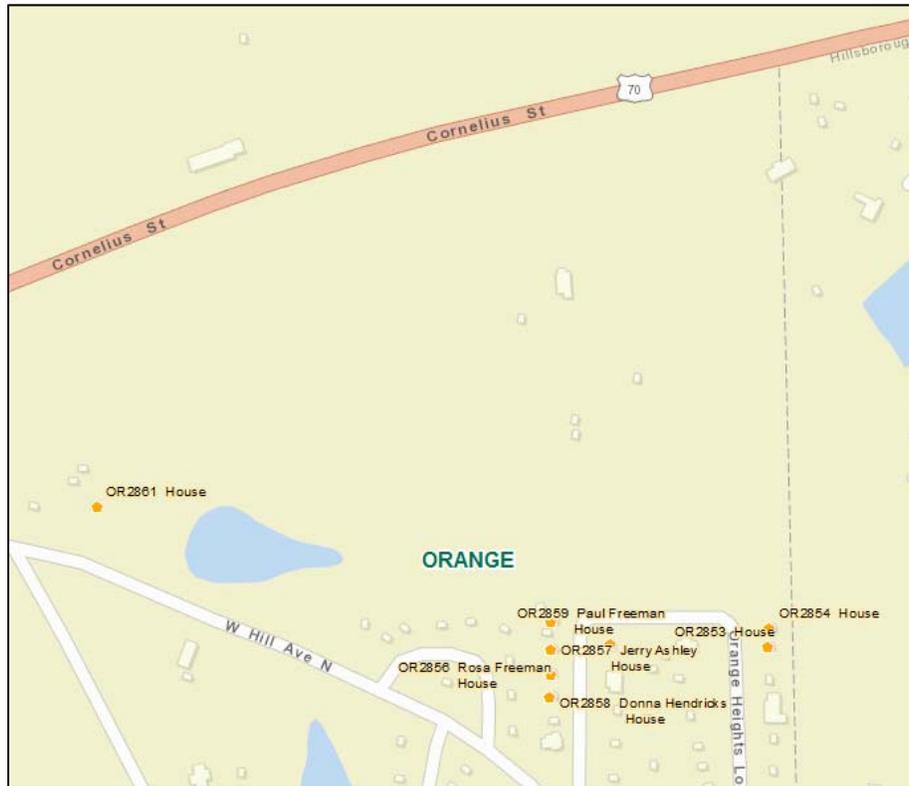


Figure 2. Historic Properties near the Project.

Table 1. Known Historic Architectural Resources near the Project.				
House Name	HPO Site ID	Date Constructed	Date moved	Style
N/A	OR2861	1962	N/A	1-story hip roof brick Minimal Traditional house
Don and Frances Hendricks House	OR2855	1937	1958	1-story front gable frame 19th-20th c. traditional/vernacular house
Rosa Freeman House	OR2856	1936	1958	1-story front gable frame 19th-20th c. traditional/vernacular house

Table 1. Known Historic Architectural Resources near the Project.				
House Name	HPO Site ID	Date Constructed	Date moved	Style
Jerry Ashley House	OR2857	1941	1958	1-story front gable frame 19th-20th c. traditional/vernacular shotgun house
Donna Hendricks House	OR2858	1936	1958	1-story front gable frame 19th-20th c. traditional/vernacular shotgun house
Paul Freeman House	OR2859	1926	1958	1-story side gable frame 19th-20th c. traditional/vernacular house
N/A	OR2854	1927	1956	1-story front gable frame 19th-20th c. traditional/vernacular shotgun
N/A	OR2853	1927	1956	1-story front gable frame 19th-20th c. traditional/vernacular house

Topographic maps, historic maps, USDA soil survey maps, and historic orthophotography were used to determine environmental factors that may have contributed to historic or prehistoric settlement within the project limits and to assess the level of modern, slope, agricultural, hydrological, and other erosive disturbances within and surrounding the Project. Per the results of this analysis, it was determined that the project is located upland flat region of the Piedmont of North Carolina and that two soil types (Georgeville and Herndon) within the Project have potential to contain intact archaeological deposits and are consistent with the environmental and geological setting of documented archaeological sites nearby.

Based on previous archaeological work that has been conducted near the project, a review of historic maps and aerial imagery, and an analysis of soil conditions within the project, it was determined that specific sections of the Project should be the focus of a formal archaeological investigation that would consist of (1) a visual inspection of the entire Project and (2) a systematic excavation in high- and moderate-probability areas that are identified as well-drained to moderately well-drained soils.

Survey (Visual Inspection and Transect Shovel Testing) Summary: The visual inspection and systematic subsurface testing of the Project was conducted by Legacy Research Associates between February 13 and 21, 2018, by Nicholas Henderson, Matthew Gill, and Amanda Finnen.

The systematic subsurface testing required 34 shovel tests. All were excavated according to the standards listed in the NC OSA Archaeological Investigation Standards and Guidelines. A summary of these tests follows.

Shovel Tests 1-7

Shovel Tests 1-6 were in the northeast section of the Project and extended east-west across a low rounded ridgeline parallel to US-70/Cornelius Street. The high-to-moderate probability landform extended for approximately 70 meters (m) east-west and 60 m north-south. At the time of the investigation the survey area was in a mowed hay field with no ground-surface visibility. Soils at this location are Georgeville Silt Loam with a 2-6 percent slope (GeB).

Six (n=6) shovel tests were excavated on two parallel transects working west to east at 30-m intervals on an 85-degree bearing, roughly parallel to US-70/Cornelius Street (Table 2). One (n=1) additional shovel test was excavated to the south. There was no recovery of cultural material from any of the shovel tests.

Table 2. Shovel Test Data for STP 1-7.					
STP	Depth	Level	Soil Color	Soil Type	Pos/Neg
1	0-3	1	10YR 3/3 dark brown	Loamy Silt	Neg
	3-10	2	5YR 5/8 yellowish red	Clay	Neg
2	0-28	1	7.5YR 4/6 strong brown	Silty Clay	Neg
	28-32	2	5YR 5/8 yellowish red	Clay	Neg
3	0-5	1	10YR 3/3 dark brown	Loamy Silt	Neg
	5-30	2	10YR 4/3 brown	Loamy Silt	Neg
	30-33	3	5YR 5/8 yellowish red	Silty Clay	Neg
4	0-25	1	7.5y5/6 strong brown	Clay	Neg
	25-29	2	5YR 5/8 yellowish red	Clay	Neg
5	0-4	1	10YR 4/2 grayish brown	Silty Loam	Neg
	4-25	2	10YR 5/6 yellowish brown	Silty Clay	Neg
	25-35	3	5YR 5/6 yellowish red mottled with 5YR 4/6 yellowish red	Silty Clay	Neg
6	0-38	1	7.5YR 5/6 strong brown	Clay	Neg
	38-40	2	5YR 5/8 yellowish red	Clay	Neg
7	0-4	1	10YR 5/3 brown	Silt	Neg
	4-29	2	10YR 5/6 yellowish brown	Disturbed	Neg
	29-39	3	5YR 5/4 reddish brown	Silty Clay	Neg

Shovel Tests 8-19

Shovel Tests 8-19 were in the northwest section of the survey area and extended east to west across a rounded hilltop parallel to US-70. The high-to-moderate probability landform extended for approximately 90 m and was approximately 45 m wide. The total length of the transects were 150 m long with one offset judgmental at the northwest end. The north edge of the transects bordered the remains of a historic wire fence line. At the time of the investigation the survey area was in a mowed hay field with no ground-surface visibility. Soils at this location are Georgeville silt loam with a 2-6 percent slope (GeB), Georgeville Urban Land with a 2-10 percent slope (GhC), and Herndon silt loam 6-10 percent slope (HrC).

Eleven (n=11) shovel tests were excavated on two parallel transects working east to west at 30-m intervals on a 265-degree bearing, roughly parallel to US-70 (Table 3). One (n=1) additional shovel test was excavated to the northwest of the transects. Recovery of cultural material was located at STP 11, 13, 14, and 15.

Table 3. Shovel test data for STP 8-19.						
STP	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
8	0-5	1	5YR 4/4 reddish brown	Clay	neg	2/14/2018
	5-10	2	2.5YR 4/8 red	Clay	neg	2/14/2018
	10-20	3	5YR 4/4 reddish brown	Clay	neg	2/14/2018

Table 3. Shovel test data for STP 8-19.

STP	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
	20+	4	2.5YR 4/8 red	Clay	neg	2/14/2018
9	0-33	1	5YR 5/8 yellowish red	Clay	neg	2/14/2018
	33-38	2	2.5YR 4/8 red	Clay	neg	2/14/2018
10	0-16	1	5YR 4/4 reddish brown	Clay	neg	2/14/2018
	16-20	2	2.5YR 5/8 red	Clay	neg	2/14/2018
11	0-28	1	5YR 5/6 yellowish red	Clay	pos	2/14/2018
	28-34	2	2.5YR 4/8 red	Clay	neg	2/14/2018
12	0-20	1	5YR 4/4 mottled w/2.5YR 5/8	Clay	neg	2/14/2018
	20-25	2	2.5YR 5/8 red	Clay	neg	2/14/2018
13	0-4	1	10YR 3/3 dark brown	Silty Loam	neg	2/14/2018
	4-20	2	7.5YR 5/8 strong brown	Silty Loam	pos	2/14/2018
	20-29	3	5YR 5/4 reddish brown	Silty Clay	neg	2/14/2018
14	0-6	1	10YR 4/3 brown	Silt	neg	2/14/2018
	6-25	2	5YR 4/4 reddish brown	Loamy Silt	pos	2/14/2018
	25-27	3	5YR 5/4 reddish brown	Sandy Silt	neg	2/14/2018
15	0-25	1	7.5YR 4/6 strong brown	Clay	pos	2/14/2018
	25-30	2	2.5YR 5/8 red	Clay	pos	2/14/2018
16	0-5	1	2.5Y4/4 reddish brown	Loamy Clay	neg	2/14/2018
	5-15	2	10YR 5/6 yellowish brown	Clay	neg	2/14/2018
	15-32	3	Hydric	Hydric	neg	2/14/2018
17	0-10	1	10YR 5/3 brown	Silt	neg	2/14/2018
	10-23	2	7.5YR 6/3 light brown	Sandy Silt	neg	2/14/2018
	23-42	3	5YR 6/3 light reddish brown	Sandy Silt	neg	2/14/2018
	42-46	4	5YR 7/1 light gray	Silt	neg	2/14/2018
18	0-13	1	7.5YR 5/6 strong brown	Clay	neg	2/14/2018
	13-29	2	2.5YR 5/8 red	Clay	neg	2/14/2018
19	0-27	1	10YR 4/6 mottled w/2.5YR 4/8	Clay	neg	2/14/2018
	27-32	2	2.5YR 4/8 red	Clay	neg	2/14/2018

Shovel Tests 20-25

Shovel Tests 20-25 were in the west and southwest section of the survey area extending north to south across the hip and crest of a hilltop. The high-to-moderate probability landform extended approximately 60 m north-south and 60 m east-west. Shovel Tests 20, 23, and 24 were excavated in a north-south transect along the edge of a hilltop as it sloped towards a water source. Shovel Tests 21, 22, and 25 were located on the hilltop itself and all were disturbed with a mixture of concrete, asphalt, gravel, and red clay. At the time of the investigation the survey area was in an overgrown agricultural field with no ground-surface visibility. Soils at this location are Herndon silt loam with a 6-10 percent slope (HrC).

A description of the six (n=6) shovel test excavated in this area follows (Table 4). Three (n=3) shovel tests were excavated in a straight north-south transect at 30-m intervals on a 145-degree bearing along the landforms western side. Three (n=3) additional shovel tests were excavated on the hilltop. There was no recovery of non-modern cultural material from any of the shovel tests.

Table 4. Shovel Test Data for STP 20-25.						
STP	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
20	0-20	1	2.5YR 4/8 red	Clay	neg	2/14/2018
21	0-20	1	Disturbed	Disturbed	neg	2/14/2018
22	0-20	1	Disturbed	Disturbed	neg	2/14/2018
23	0-20	1	Sub at surface	Clay	neg	2/14/2018
24	0-15	1	Sub at surface	Clay	neg	2/14/2018
25	0-20	1	Disturbed	Disturbed	neg	2/14/2018

Shovel Tests 26-30

Shovel tests 26-30 bisected the middle of the survey area and extended south to north across an open field area. The high- to-moderate probability landform extended approximately 120 m north-south and 30 m east-west. At the time of the investigation the survey area was in mowed hay field with no ground-surface visibility. Soils at this location are Herndon silt loam 6 to 10 percent slope (HrC) and Georgeville silt loam 2 to 6 percent slope (GeB).

Five (n=5) shovel tests were excavated in one transect working south to north at 30-m intervals on a 15-degree bearing (Table 5). There was no recovery of cultural material from any of the shovel tests.

Table 5. Shovel Test Data for STP 26-30.						
STP	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
26	0-5	1	10YR 3/3 dark brown	Lomy Silt	neg	2/14/2018
	5-40	2	10YR 5/3 brown	Sandy Silt	neg	2/14/2018
	40-50	3	7.5YR 5/6 strong brown	Silty Clay	neg	2/14/2018
27	0-27	1	7.5YR 5/8 strong brown	Clay	neg	2/14/2018
	27-32	2	2.5YR 4/8 red	Clay	neg	2/14/2018
28	0-26	1	10ry5/6 yellowish brown	Clay	neg	2/14/2018
	26-31	2	2.5YR 6/8 light red	Clay	neg	2/14/2018
29	0-25	1	7.5YR 5/8 strong brown	Clay	neg	2/14/2018
30	0-15	1	5YR 4/6 yellowish red	Silty Clay	Neg	2/14/2018
	15-25	2	2.5YR 6/8 light red	Clay	neg	2/14/2018

Shovel Tests 31-34

Shovel tests 31-34 were in southeast section of the survey area and extended west to east across a hilltop. The high-to-moderate probability landform extended approximately 60 m east-west and 30 m

north-south. At the time of the investigation the survey area was in an old horse pasture with 5-10 percent surface visibility. Soils at this location are Georgeville silt loam 2 to 6 percent slope (GeB).

Four (n=4) shovel tests were excavated in two transects working east to west at 30-m intervals on a 90-degree bearing (Table 6). There was no recovery of cultural material from any of the shovel tests.

Table 6. Shovel Test Data for STP 31-34.						
STP	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
31	0-24	1	10YR 5/6 yellowish brown	Loamy Clay	neg	2/21/2018
	24-28	2	7.5YR 5/8 strong brown	Clay	neg	2/21/2018
32	0-27	1	10YR 4/6 dark yellowish brown	clay	neg	2/21/2018
	27-29	2	5YR 4/6 yellowish red	clay	neg	2/21/2018
33	0-12	1	10YR 4/6 dark yellowish brown	Loamy Clay	neg	2/21/2018
	12-24	2	5YR 4/6 yellowish red	Clay	neg	2/21/2018
34	0-15	1	10YR 4/6 dark yellowish brown	Loamy Clay	neg	2/21/2018
	15-20	2	5YR 4/6 yellowish red	Clay	neg	2/21/2018
26	0-5	1	10YR 3/3 dark brown	Loamy Silt	neg	2/14/2018
	5-40	2	10YR 5/3 brown	Sandy Silt	neg	2/14/2018
	40-50	3	7.5YR 5/6 strong brown	Silty Clay	neg	2/14/2018

As a result of this work, one (n=1) archaeological site (31OR678/678**) was documented and assessed for National Register eligibility. The site is a multicomponent prehistoric lithic scatter and historic (late 19th to early 20th-century domestic artifact scatter. It is recommended as being not eligible for the National Register. No further archaeological work is recommended. A summary of this site follows.

Site 31OR678/678**

PERMANENT SITE NUMBER: 31OR678/678**	SURVEY AREA: Transect 3&4 US-70W
	UTM COORDINATES: Zone 18 N
ACCESSION NUMBER: 2018.0110	N 3994961 E668894
	Elevation: 640 ft
COMPONENT:	
Prehistoric – Lithic Scatter	SIZE: 60 m north-south x 90 m east-west
Historic – Late 19 th to Early/Mid-20 th Century	
DESCRIPTION: Prehistoric Lithic Scatter, Historic Domestic Artifact Scatter	SOIL: Georgeville silt loam 2-6% slope (GeB), Herndon silt loam 6-10% slope (HrC)
	LANDFORM: Upland flat
NRHP-ELIGIBILITY RECOMMENDATION: Not Eligible	VEGETATION: Hay Field

This site is a multicomponent sparse artifact scatter that was identified during shovel testing along Transects 3 & 4 that lie 53 m to the south side of US-70/Cornelius Street. Between US-70/Cornelius Street and the site boundaries is a paved circular drive, short retaining wall, and the remains of a historic fence. Most of the Project is a disused agricultural field with no ground-surface visibility with some new growth hardwood areas on the north edge of the site. Site soils are Georgeville silt loam with a 2-6 percent slope (GeB) and Herndon silt loam 6-10 percent slope (HrC).

Testing at 31OR678678** was conducted at 15-m intervals in all cardinal directions from the most centrally located shovel test pit (STP 13) until two negative tests were encountered. The area directly north of the site was tested until the retaining wall was encountered at the edge of the Project.

Twenty-two (n=22) radial shovel tests were used in conjunction with nine (n=9) transect shovel tests (STP-9, 10, 11, 12, 13, 14, 15, 16, 19) to define site boundaries within the Project (

Figure 3). All artifacts were recovered from subsurface excavations. The positive recovery of cultural material from STP's within the Project covers an area that is approximately 60-m north-south by 90-m east-west.

A description of the shovel tests excavated to assess 31OR678/678** site follows (Table 7).

Table 7. Shovel Test Data for 31OR678/678**.						
Radial Grid Number	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
515/530	0-25	1	5YR 4/6 yellowish red	Clay	pos	2/20/2018
	25-27	2	2.5YR 4/6 red	Clay	neg	2/20/2018
515/515	0-12	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	12-25	2	2.5YR 4/6 red	Clay	neg	2/20/2018
515/470	0-6	1	10YR 3/3 dark brown	Loamy Clay	neg	2/20/2018
	6-16	2	10YR 5/6 yellowish brown	Clay	neg	2/20/2018
	16-20	3	10YR 6/8 brownish yellow	Clay	neg	2/20/2018
500/470	0-12	1	10YR 4/3 brown	Loamy Clay	neg	2/20/2018
	12-23	2	gley 2 4/1	Clay	neg	2/20/2018
500/515	0-29	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	29-32	2	2.5YR 4/6 red	Clay	neg	2/20/2018
515/500	0-22	1	disturbed	Clay	neg	2/20/2018
	22-25	2	2.5YR 4/6 red	Clay	neg	2/20/2018
500/545	0-25	1	5YR 4/6 yellowish red	Clay	pos	2/20/2018
	25-30	2	2.5YR 4/6 red	Clay	neg	2/20/2018
500/575	0-19	1	5YR 4/6 mottled w/2.5YR 4/6	Clay	neg	2/20/2018
	19-24	2	2.5YR 4/6 red	Clay	neg	2/20/2018
485/545	0-28	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	28-33	2	2.5YR 4/6 red	Clay	neg	2/20/2018
470/545	0-14	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	14-19	2	2.5YR 4/6 red	Clay	neg	2/20/2018
515/545	0-27	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	27-30	2	2.5YR 4/6 red	Clay	neg	2/20/2018
515/485	0-23	1	5YR 4/6 yellowish red	Clay	neg	2/20/2018
	23-28	2	7.5YR 5/87.5YR 5/8 strong brown	Clay	neg	2/20/2018
485/470	0-10	1	10YR 4/6 dark yellowish brown	Clay	pos	2/20/2018
	10-15	2	2.5YR 4/6 red	Clay	neg	2/20/2018
	15-25	3	10YR 4/6 dark yellowish brown	Clay	neg	2/20/2018

Radial Grid Number	Depth	Level	Soil Color	Soil Type	Pos/Neg	Date
	25-29	4	2.5YR 4/6 red	Clay	neg	2/20/2018
485/485	0-24	1	5YR 4/6 yellowish red	Clay	neg	2/21/2018
	24-32	2	2.5YR 4/6 red	Clay	neg	2/21/2018
485/500	0-23	1	5YR 4/6 yellowish red	Clay	neg	2/21/2018
	23-29	2	2.5YR 4/6 red	Clay	neg	2/21/2018
485/530	0-24	1	5YR 4/6 yellowish red	Clay	neg	2/21/2018
485/530	24-26	2	2.5YR 4/6 red	Clay	neg	2/21/2018
470/515	0-30	1	5YR 4/6 yellowish red	Clay	neg	2/21/2018
	30-35	2	2.5YR 4/6 red	Clay	neg	2/21/2018
470/470	0-25	1	5YR 4/6 yellowish red	Clay	pos	2/21/2018
	25-30	2	2.5YR 4/6 red	Clay	neg	2/21/2018
455/470	0-28	1	5YR 4/6 yellowish red	Clay	neg	2/21/2018
	28-31	2	2.5YR 4/6 red	Clay	neg	2/21/2018
455/485	0-24	1	10YR 4/6 dark yellowish brown	Clay	neg	2/21/2018
	24-27	2	2.5YR 4/6 red	Clay	neg	2/21/2018
440/485	0-22	1	10YR 4/6 dark yellowish brown	Clay	neg	2/21/2018
	22-27	2	2.5YR 4/6 red	Clay	neg	2/21/2018
440/470	0-20	1	10YR 4/6 dark yellowish brown	Clay	neg	2/21/2018
	20-28	2	2.5YR 4/6 red	Clay	neg	2/21/2018

Nine (n=9) artifacts were recovered from 31OR678/678** (Table 8). These are historic (n=4) and prehistoric (n=5). The historic artifacts are ceramic (n=2), glass (n=1), and metal (n=1). The two (n=2) ceramic artifacts are a coarse earthenware body sherd with a reddish brown glaze and a refined earthenware (whiteware) undecorated body sherd. The glass is a fragment of dark olive green bottle glass, and the metal artifact is a ferrous hook or latch fragment. The five (n=5) prehistoric artifacts are lithic and include debitage (n=4) and a tool (n=1). The debitage are interior flakes (n=3) and a secondary flake (n=1). The tool is a base of a projectile point/knife. Lithic materials are all locally metavolcanic material.

STP #	Radial Grid #	Component	Artifact Type	Material	Description	Count	Weight	Date
14	500/485	Prehistoric	Lithic	Banded Metavolcanic	Secondary Flake	1	0.5	2/14/18
11	500/530	Prehistoric	Lithic	Banded Metavolcanic	Interior Flake	1	0.2	2/14/18
13	500/500	Prehistoric	Lithic	Metavolcanic	Interior Flake	2	0.6	2/14/18
15	470/485	Historic	Ceramic	Coarse earthenware	body sherd with dark brown/red glaze	1	0.9	2/14/18
15	470/485	Historic	Household	Glass	Dark olive-green glass	1	4.8	2/14/18
N/A	470/470	Historic	Ceramic	Whiteware	body sherd, undecorated	1	0.7	2/21/18

Table 8. Artifact Recovery from 31OR678&678**.								
STP #	Radial Grid #	Component	Artifact Type	Material	Description	Count	Weight	Date
N/A	500/545	Historic	Household	Metal	Corroded ferrous hook/latch	1	3.7	2/20/18
N/A	500/545	Prehistoric	Lithic	Tuff	Broken PPK base	1	5.7	2/20/18
Total						9	17.1	

In sum, this site is a multicomponent (prehistoric and historic/modern) occupation. The prehistoric component consists of lithic (metavolcanic) debitage and a base of a projectile point knife that lack diagnostic attributes to associated it with a specific time period. The historic component is comprised of 19th to 20th century domestic (ceramic, glass, and metal) artifacts.

The sparse artifact recovery from this site and the lack of intact deposits within the Project suggests that it is unlikely to contain significant information about the history or prehistory of the area. The site is recommended as being not eligible for the NRHP. No further archaeological work is recommended for this site as the project is currently planned.

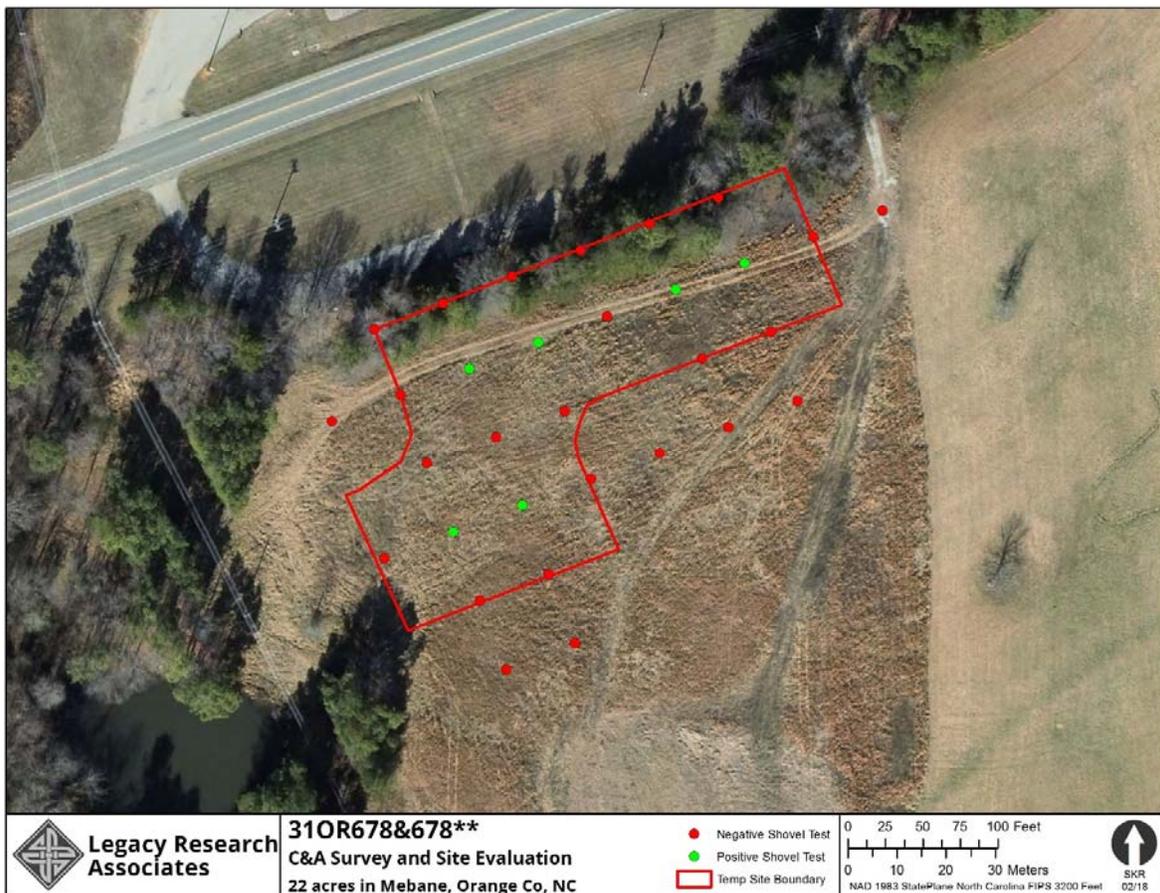


Figure 3. Site 31OR678/678** Site Plan.