

## CHAPTER 5 RESULTS

### ARCHAEOLOGICAL SURVEY RESULTS

This Phase I investigation included the placement of 174 shovel test excavations in the 35.5 acre (ac) [(14.37 hectares) (ha)] project area (PA). Shovel tests were conducted at 30-meter (m) intervals and close interval shovel tests of 10 m were conducted along the southeast boundary due the existence of site 16LY106 located outside of the PA. Of the 174 shovel tests, 171 were negative for cultural material and three were unable to be dug due to a metal barn structure and concrete drive within the eastern portion of the PA. No prehistoric or historic archaeological finds were identified within PA boundaries. A typical shovel test soil profile consisted of 30 centimeters below surface (cmbs) of dark grayish brown (10YR 3/2) clay (Figure 5.1). Figures 5.2 – 5.8 show present conditions in the PA.

### ARCHITECTURAL SURVEY RESULTS

The architectural survey resulted in the identification and evaluation of one newly recorded resource within the project boundary (Figure 5.9). The resource consists of one residential building and two outbuildings. It is the opinion of TerraX that the resource lacks the historical significance and architectural or engineering distinction necessary for listing in the National Register of Historic Places (NRHP) and is therefore recommended ineligible, either individually or as a contributor to a historic district, within the project footprint. The architectural survey was completed by SOI-qualified Architectural Historian Samuel Johnson MHP and reviewed by SOI-qualified Architectural Historian Briane Shane MID.

#### **Architectural Survey Results**

In compliance with Section 106 of the National Historic Preservation Act of 1966 (36 CFR Part 800), TerraX conducted a historic resource survey to identify resources that are listed or may be eligible for inclusion in the NRHP within and around the area of interest for the project in Lafayette Parish, Louisiana.

The project area consists of an irregularly shaped area of land encompassing approximately 35.5 acres of land located directly north of LA State Highway 90 and west of N Girouard Road. The PA is located approximately 0.67 miles (1.07 km) northeast of Broussard, Louisiana and 1.08 miles (1.75 km) northwest of Billeaud, Louisiana, both of which are small neighborhoods within the larger metro Lafayette, Louisiana area. The land within the PA is a large agricultural field largely cleared of trees except for a small line of trees running north and south in the northeast corner and a square-shaped outline of trees in the western portion of the PA. The three buildings associated with the resource are located on the eastern end of the PA. The land immediately north and northeast of the PA is largely comprised of agricultural fields and the occasional historic and non-historic residential and commercial buildings. Further north of the agricultural fields, and in all directions are densely populated areas comprised of non-historic and historic residential, commercial, and industrial buildings and transportation and transmission corridors. The project consists of due diligence research and documentation prior to any development within the PA.

#### *Identification of Historic Properties*

The project consists of due diligence research and documentation prior to any development within the project area. Due to the nature of the project, the architectural survey was limited to the project footprint. This area was utilized to determine the presence of any historic architectural resources. Prior to commencing fieldwork, the NRHP and Louisiana Historic Resource Inventory (LHRI) databases, and various available



*Figure 5.1. Photo of a typical shovel test soil profile in the project area.*



*Figure 5.2. Photo of the project area from the northwest boundary, facing southeast.*



*Figure 5.3. Photo of the project area from the southwest, facing northeast.*



*Figure 5.4. Photo of the project area from the south, facing north.*



**Figure 5.5.** *Photo of the project area from the northern boundary, facing south.*



**Figure 5.6.** *Photo of the project area from northeastern boundary, facing southwest.*



*Figure 5.7. Photo of the project area from the southeastern boundary, facing northwest.*



*Figure 5.8. Photo of the project area from the southern boundary, facing southeast.*

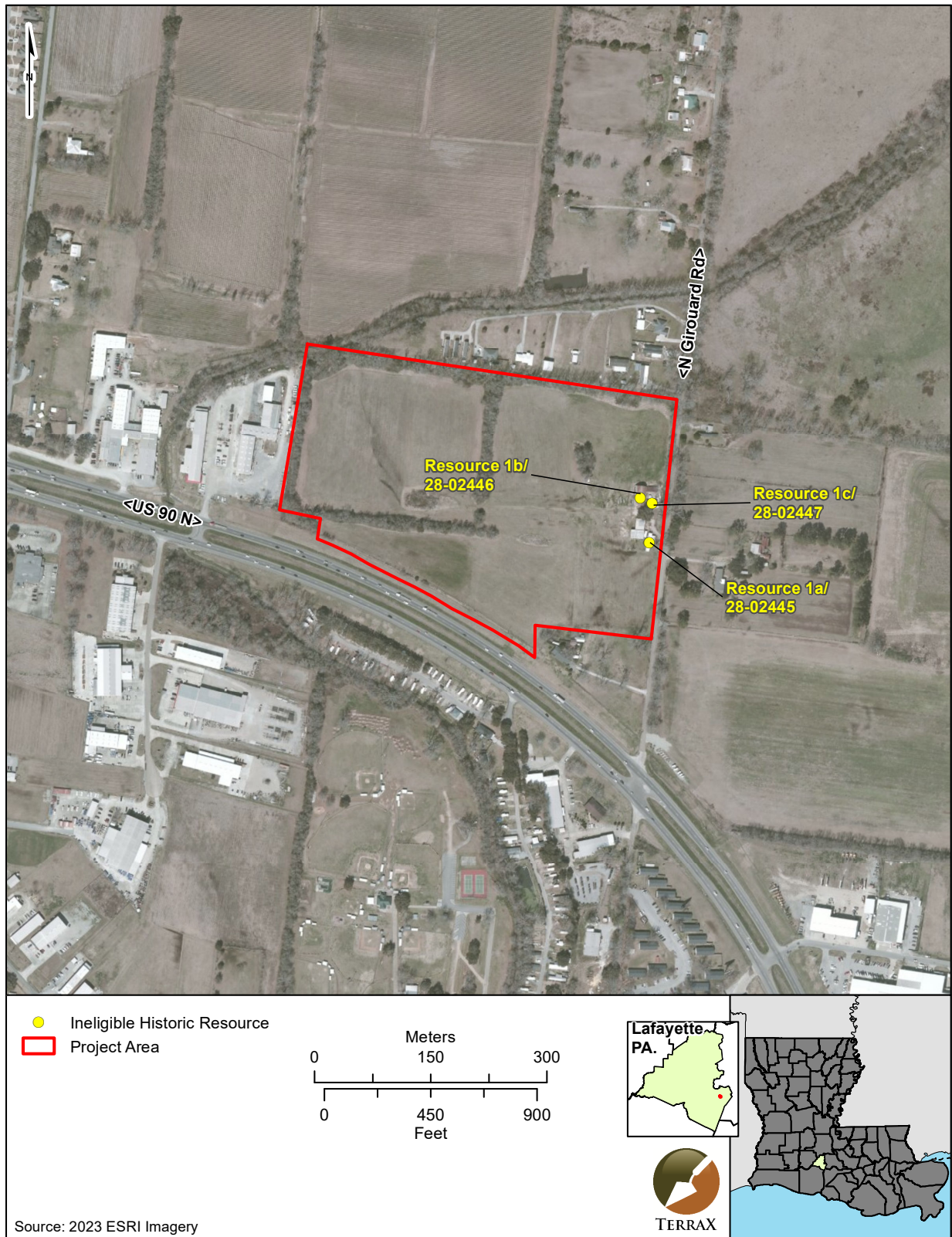


Figure 5.9. Aerial image showing the architectural resources within the project area.

historic maps and aerial photographs were reviewed to identify any resources aged 50 years and older within the project footprint (National Park Service [NPS] 2023; LHRI 2023; Nationwide Environmental Title Research [NETR] 2023; United States Geological Survey [USGS] 2023a, 2023b). This search did not yield any previously recorded architectural resources listed within the NRHP or LHRI databases (NPS 2023; LHRI 2023). The available aerials dated to 1952, 1958, 1963, 1968, 1969, 1970, 1971, 1972, 1974, 1976, 1978, 1979, 1981, 1983, 1985, 1998, 2004, 2007, 2009, 2010, 2013, 2015, 2017, and 2019 (USGS 2022a; NETR 2023;). The available topographic maps date to 1946, 1955, 1956, 1958, 1982, 1965, 1966, 1972, 1974, 1983, 1984, 2000, 2012, 2015, 2018, and 2020 (USGS 2023b). A review of the topographic maps and aerial photographs identified two historic-age residential buildings and one historic-age outbuilding (see Figure 5.9). Further research through the Lafayette Parish Property Appraiser records did provide an address but did not provide any potential construction dates for the buildings (Lafayette Parish, Louisiana, 2023).

A windshield-level survey was conducted on January 26, 2023, to photograph the properties from the public right-of-way (ROW). The newly recorded resource is described and evaluated below as Resources 1a-1c for the purposes of this report.

### *NRHP Evaluations*

**Resource 1:** Resource 1 consists of a one-story, rectangular-shaped Manufactured Home (Resource 1a), a one-and-a-half-story Transverse Crib barn (Resource 1b), and a one-story Masonry Vernacular storage building. The property is located on the west side of the intersection of North Girouard Road and Swaco Way. The buildings are located at the center of the eastern edge of the PA. The setting consists of cleared agricultural fields, transportation corridors, and non-historic and historic residential and commercial buildings.

**Dates of Development and Description:** A review of the historic maps and aerial images shows Resource 1a was not present on the 1969 aerial but was first clearly visible on the 1974 aerial. The 1971 aerial was not clear enough to determine if it was present. Furthermore, the field assessment did not determine a manufacturer or model name/number for the manufactured home. As such, an approximate construction date of ca. 1972 was utilized when reviewing Resource 1a. A review of the historic maps and aerial images shows Resource 1b and 1c were first visible on the 1968 aerial. The 1963 aerial was incomplete and not usable for resource detection. The next complete aerial was the 1958 aerial, which indicates both Resources 1b and 1c were constructed sometime between 1958 and 1968. Given the construction materials and style of the buildings, an approximate construction date of ca. 1963 was utilized when reviewing both the barn (Resource 1b) and the storage building (Resource 1c) (USGS 2023a; NETR 2023). It does not appear any buildings feature non-historic additions, but the property features multiple alterations. On the 1968 aerial, there were three clearly definable outbuildings, one rectangular outbuilding oriented north-south approximately 7.6 yards (7 m) west of Resource 1a and the other two immediately north of Resource 1c orientated east-west. The two outbuildings north of Resource 1c are still present on the property. The outbuilding near Resource 1a appears to have been destroyed between 1998 and 2004 and replaced with two large covered carports/storage barns, which are still present. There are two other smaller storage buildings east of Resource 1c. Due to their location next to a line of dense trees, it is difficult to determine when they were constructed. Given their materials and style, it was determined they were non-historic. No other alterations have occurred to the property (USGS 2023a; NETR 2023).

Resource 1a (28-02445) is a one-story, rectangular, Manufactured home resting on a raised concrete block pier foundation. There is non-historic metal skirting around the foundation base along the north and east. The gable roof is covered with non-historic standing seam sheet metal, and the exterior is clad with historic

standing seam sheet metal. The main entry, located on the north end of the east façade, features a non-historic paneled door with a screen door. The main entry is sheltered within a partial width attached shed roof and supported by four circular metal posts. There is a small, attached porch landing with guard rails and a few steps leading to the main entry. The building features non-historic vinyl-frame two-light horizontal sliding windows and non-historic one-over-one vinyl-frame sash windows covered by screens. The window on the north façade (side) features non-historic metal shutters (Figures 5.10-5.12).

Resource 1b (28-02446) is a one-and-a-half-story, rectangular-shaped Transverse Crib barn on a wooden post foundation. The gambrel roof is covered with non-historic standing seam sheet metal and the exterior is clad with horizontal wood board siding. The barn features triangular vents in the gambrel ends. The main entry, located on the south façade, features a large central square opening with chamfered openings on either side of the main entry. The barn does not feature any windows. The rear (north) features cages or pens along the entire width of the rear façade (Figures 5.13-5.15).

Resource 1c (28-02447) is a one-story, rectangular-shaped Masonry Vernacular style storage building on a continuous concrete block foundation. The gable roof is covered with non-historic standing seam sheet metal, and the exterior is clad with concrete block and non-historic horizontal wood board siding. The wood siding is located within the gable ends and features rectangular gable end vents. The roof features exposed wooden truss beams. The building features three main entries, one centrally located on the south façade, one on the north corner of the west façade, and one centrally located on the west façade. The entry on the central west façade features a non-historic screen door. The entry on the northern corner of the west façade features a non-historic paneled door with a ramp leading to it and metal guard rails on either side. The entry on the south façade features two doors, one a full-width door and the other is a half-width. Both doors are made of wood, but the full-width door has a metal frame. This door looks to have originally been a screen door replaced with non-historic plywood. The doors are connected via a padlock. The building features non-historic metal-frame two-over-two double hung sash windows (Figures 5.16-5.18).



**Figure 5.10.** *The southeast oblique of Resource 1a, facing northwest.*





*Figure 5.11. The northeast oblique of Resource 1a and non-historic carport (west), facing southwest.*



*Figure 5.12. The north façade of Resource 1a and two non-historic carports (west), facing south.*



*Figure 5.13. The south façade of Resource 1b, facing north.*



*Figure 5.14. The west façade of Resource 1b, facing east.*



*Figure 5.15. The northwest oblique of Resource 1b, facing southeast.*



*Figure 5.16. The south façade of Resource 1c, facing north.*



*Figure 5.17. The southwest oblique of Resource 1c, facing northeast.*



*Figure 5.18. The south oblique of Resource 1c, facing north.*

National Register Eligibility: cursory background research did not find that Resource 1, or its associated buildings, is associated with a significant event, pattern of events, or figure(s). Therefore, it is not eligible under Criteria A or B. Evaluated for Criterion C the buildings associated with Resource 1 have undergone significant alterations to the materials that have impacted the integrity of materials, design, workmanship, and feeling. The alterations include the use of non-historic roof covering and exterior cladding, the addition of non-historic windows and shutters, and non-historic doors for Resources 1a and 1c, and the use of non-historic roof covering for Resource 1b. While Resource 1b retains much of its original materials, it does not embody distinctive characteristics of a Transverse Crib barn, possess high architectural or artistic value, or represent the work of a master architect or designer. Furthermore, there are better examples of similar style barn buildings already present on the National Register. Therefore, Resource 1 is not eligible under Criterion C. Finally, Resource 1 is not significant under Criterion D because it lacks the potential to yield further information of historical importance. It is the opinion of TerraX that Resource 1 is not eligible for inclusion in the NRHP and that the proposed project will have no effect.

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## CHAPTER 6 SUMMARY AND RECOMMENDATIONS

TerraXplorations, Inc. (TerraX) of Baton Rouge, Louisiana was contracted by CSRS Inc. on of Baton Rouge, Louisiana to conduct a cultural resources survey for the proposed Maxie and Vida Site Girouard Project in Lafayette Parish, Louisiana. The Phase I survey was conducted on January 26, 2023 and is being conducted for due diligence and inclusion in the Louisiana Economic Development's Certified Site Program. At this time, there is no lead federal agency. There were no archaeological findings during this cultural resource survey. The architectural survey resulted in the identification and evaluation of one newly recorded resource consisting of one residential building and two outbuildings within the project boundary; however, it is the opinion of TerraX that the resource lacks the historical significance and architectural or engineering distinction necessary for listing in the National Register of Historic Places (NRHP) and is therefore recommended ineligible, either individually or as a contributor to a historic district, within the project footprint. No further archaeological or architectural studies are recommended. It is the opinion of TerraX that the proposed project should be cleared of all cultural resources concerns.