



September 11, 2024

Ms. Amber Miller
Director of Permitting
Geronimo Power, LLC
1385 Crimson Lane
Yorkville, IL 60560

Re: Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky

Dear Ms. Miller:

This report describes the results of an archaeological survey for the proposed Exie Solar Project (Project) in Green County, Kentucky (Appendix A: Figure A-1). Geronimo (GP) retained Burns and McDonnell Engineering Company, Inc. (Burns & McDonnell) to conduct an archaeological survey to identify cultural resources within the Project boundary (Project Area). Since it is yet unknown whether agency consultation will be required, the survey was completed as a due diligence effort to identify potential archaeological resource restraints.

If Project planning is altered, and additional permitting is required, the Project may involve agency review and concurrence with the findings of the archaeological survey report for this Project. Since this report was a due diligence effort, additional archaeological survey work would be required to meet the standards set by the University of Kentucky Office of State Archaeology (OSA) and the Kentucky Heritage Council state historic preservation office (SHPO) and/or Section 106 of the National Historic Preservation Act (NHPA).

INTRODUCTION

NGR is proposing construction of the Project in Green County approximately 1.8 miles (mi) west of Exie, Kentucky (Appendix A: Figure A-1). The Project includes construction of a proposed solar farm of up to approximately 1.328 acres (537 hectares [ha]). Currently, the Project is predominantly agricultural land, with some areas of hardwoods, briars, and mixed vegetation. Wetlands and waterbodies are located throughout most of the Project Area, and Little Barren Creek is 2.25 miles (mi).

The Project would include the construction of a solar collection facility. In addition to the installation of solar panels, this Project may require the construction of access roads, electrical collection lines, and possibly a substation and generator lead line, though these areas have not been provided. Proposed construction activities associated with the installation of the structures and construction of the access roads include grading, soil storage, equipment storage and placement, access road enhancement, boring, and general compaction from heavy machinery.

DESKTOP REVIEW: METHODS

On November 3, 2024, Burns & McDonnell archaeologist Michael Carlock reviewed archaeological and historical literature relevant to the Project Area and a surrounding 1-mile area (Study Area). Records maintained through the Kentucky Heritage Council Site Check Web Service

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(KHC Site Check) and files obtained from the University of Kentucky’s Office of State Archaeology (2024) were the primary sources of data. The review of KHC Site Check included archaeological site inventory records and survey reports, listings and locations of historic structures and survey reports, cemeteries, and National Register of Historic Places (NRHP) properties and districts. Additional information was obtained from historic-era photos and maps including 1951 and 1960 historic aerials, and 1953 and 1961 historic topographic maps. These historic maps provide approximate location information for structures such as houses, outbuildings, churches, schools, and cemeteries which may be nonextant or unmarked in the present day.

DESKTOP REVIEW: RESULTS

The archaeological and literature reviews performed online via KHC Site Check identified one (1) previously identified archaeological site within the Study Area but not within the Project Area (Table 1; Appendix A: Figure A-2). Archaeological site 15GN66 is a historic commercial site approximately 3,200 feet (ft) southwest of the Project Area.

Table 1: Previously Recorded Archaeological Sites within the Study Area

Trinomial	Site Age	Site Type	Within Project Area
15GN66	Early 20 th century historic	Historic commercial; NRHP unassessed	No

Source: KHC Site Check (2024)

KHC Site Check records were reviewed to identify historic structures recorded within the Study Area. These records include location information as well as an evaluation of their significance and eligibility for listing in the NRHP. A total of 51 properties have been recorded within the Study Area. Of these, nine are within the Project Area and have not been assessed for NRHP eligibility (Table 2; Appendix A: Figure A-2). If the Project becomes subject to Section 106 of the NRHP, these resources will likely require reevaluation for listing in the NRHP.

Table 2: Previously Recorded Historic Properties within the Study Area

Site ID	Resource Name/Type	Recommendation Status	Within Project
GN75	Historic house	Unassessed	Yes
GN 293	Preliminary – Unknown Type	Unassessed	Yes
GN 294	Preliminary – Unknown Type	Unassessed	Yes
GN 295	Preliminary – Unknown Type	Unassessed	Yes

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Site ID	Resource Name/Type	Recommendation Status	Within Project
GN 297	Preliminary – Unknown Type	Unassessed	Yes
GN 298	Preliminary – Unknown Type	Unassessed	Yes
GN 303	Preliminary – Unknown Type	Unassessed	Yes
GN 304	Preliminary – Unknown Type	Unassessed	Yes
GN 306	Preliminary – Unknown Type	Unassessed	Yes
GN77	Philpot House	NRHP Listed	No
GN179	Historic House	Unassessed	No
GN 266	Preliminary – Unknown Type	Unassessed	No
GN 267	Preliminary – Unknown Type	Unassessed	No
GN 268	Preliminary – Unknown Type	Unassessed	No
GN 269	Preliminary – Unknown Type	Unassessed	No
GN 270	Preliminary – Unknown Type	Unassessed	No
GN 271	Preliminary – Unknown Type	Unassessed	No
GN 272	Preliminary – Unknown Type	Unassessed	No
GN 273	Preliminary – Unknown Type	Unassessed	No
GN 274	Preliminary – Unknown Type	Unassessed	No
GN 275	Preliminary – Unknown Type	Unassessed	No
GN 276	Preliminary – Unknown Type	Unassessed	No
GN 277	Preliminary – Unknown Type	Unassessed	No
GN 278	Preliminary – Unknown Type	Unassessed	No
GN 279	Preliminary – Unknown Type	Unassessed	No
GN 280	Preliminary – Unknown Type	Unassessed	No
GN 281	Preliminary – Unknown Type	Unassessed	No
GN 282	Preliminary – Unknown Type	Unassessed	No
GN 283	Preliminary – Unknown Type	Unassessed	No
GN 284	Preliminary – Unknown Type	Unassessed	No

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Site ID	Resource Name/Type	Recommendation Status	Within Project
GN 285	Preliminary – Unknown Type	Unassessed	No
GN 286	Preliminary – Unknown Type	Unassessed	No
GN 287	Preliminary – Unknown Type	Unassessed	No
GN 288	Preliminary – Unknown Type	Unassessed	No
GN 289	Preliminary – Unknown Type	Unassessed	No
GN 290	Preliminary – Unknown Type	Unassessed	No
GN 291	Preliminary – Unknown Type	Unassessed	No
GN 292	Preliminary – Unknown Type	Unassessed	No
GN 300	Preliminary – Unknown Type	Unassessed	No
GN 301	Preliminary – Unknown Type	Unassessed	No
GN 302	Preliminary – Unknown Type	Unassessed	No
GN 305	Preliminary – Unknown Type	Unassessed	No
GN 307	Preliminary – Unknown Type	Unassessed	No
GN 308	Preliminary – Unknown Type	Unassessed	No
GN 309	Preliminary – Unknown Type	Unassessed	No
GN 310	Preliminary – Unknown Type	Unassessed	No
GN 311	Preliminary – Unknown Type	Unassessed	No

Source: KHC Site Check (2024)

At the time of the field surveys full access to the Project Area had been granted.

FIELD SURVEY: METHODS

Various field methods can be utilized to identify archaeological resources and to obtain data needed to identify age, function, and other characteristics of each site investigated. Pedestrian survey was selected based on the research design, environmental conditions, and the scope of work required by the Project.

A pedestrian field survey was accomplished by a systematic examination of the ground surface at 30-meter (m) intervals. The examination included visual inspection of the ground surface, any visible cut banks, animal burrows, trails, road cuts, ridge slopes, two-track roads, push piles, and borrow pits. Slopes greater than 15 percent were not included in the survey. This approach helped

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determine the presence or absence of archaeological resources and provided the investigators insight into the environmental characteristics of the Project.

FIELD SURVEY: RESULTS

Archaeological field survey was conducted from November 11-15, 2024, by Burns & McDonnell archaeologists Doug Shaver, John Topi, Thane Reid, and Christa Wroblewski. In general, the Survey Area included agricultural land with ground surface visibility (GSV) ranging from 40 to 100 percent. There were also patches of upland hardwood forests along wetlands and streams within the Project Area.

Twenty-four new archaeological sites, including four cemeteries, were identified during the survey (Site numbers 15Gr79 through 15Gn99) (Appendix A: Figure A-3; Appendix B: Photographs 4-17; Appendix C: Site Forms). Archaeological site descriptions and recommendations are as follows (Table 3):

Table 3: Newly Recorded Archaeological Sites within the Study Area

Temporary Site Number	Site Age	Site Type	NRHP Recommendation	Project Recommendation
15Gn79	Mid-19 th to Mid-20 th century	Farmstead	Unassessed	Avoidance
15Gn80	Middle Archaic - Early Woodland	Moderate prehistoric scatter with stemmed PP/K	Unassessed	Avoidance
15Gn81	Unknown	Rock overhang/shelter, no artifacts found	Unassessed	Avoidance
15Gn82	Precontact	Prehistoric surface scatter, no diagnostics	Unassessed	Avoidance
15Gn83	Middle Archaic and historic	Historic scatter with PP/K and 2 debitage	Unassessed	Avoidance
JT-5	Early to mid-20 th	Foundation remnants, utility pump, bricks and concrete blocks	Unassessed	Avoidance

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Temporary Site Number	Site Age	Site Type	NRHP Recommendation	Project Recommendation
	century historic			
15Gn84	Precontact	Moderate prehistoric scatter with no diagnostics	Unassessed	Avoidance
TR-1	Early to late 20 th century	Outbuilding foundation with modern debris on piled on surface	Unassessed	Avoidance
15Gn85	Early to mid-20 th century	Collapsing residence and barn/outbuilding foundation	Unassessed	Avoidance
15Gn86	Early to mid-20 th century	Abandoned home, outbuildings included one partially collapsed, and standing barn	Unassessed	Avoidance
15Gn87	Early to late 20 th century	Old Curry Cemetery	Unassessed	Avoidance
15Gn88	Early to late 20 th century	Collapsing residence and 2 outbuildings	Unassessed	Avoidance
15Gn89	Early to late 20 th century	Abandoned and collapsing residence	Unassessed	Avoidance
15Gn90	Early to late 20 th century	Abandoned residence, standing barn and outbuildings	Unassessed	Avoidance
15Gn91	Early to late 20 th century	Collapsing residence, abandoned outbuilding, and barn foundation	Unassessed	Avoidance

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Temporary Site Number	Site Age	Site Type	NRHP Recommendation	Project Recommendation
15Gn92	Mid-19 th to mid-20 th century	Whitlock Cemetery	Unassessed	Avoidance
15Gn93	Early to mid-19 th century	Dowell Cemetery	Unassessed	Avoidance
15Gn94	Early to late 20 th century	Collapsing residence, outbuildings, and rise that might have held home or another structure	Unassessed	Avoidance
15Gn95	Mid-19 th to mid-20 th century	Concrete outbuilding foundation	Unassessed	Avoidance
15Gn96	Mid to late twentieth century	Two foundations and standing residence	Unassessed	Avoidance
15Gn97	Early to late twentieth century	Collapsing residence	Unassessed	Avoidance
15Gn98	Unknown	Collapsed structure and materials	Unassessed	Avoidance
15Gn99	Mid-19 th to late 20 th century	Irving Cemetery	Unassessed	Avoidance
TR-17	Early to mid-20 th century	Farmstead	Unassessed	Avoidance

Site 15Gn79 consists of a mid-nineteenth to mid-twentieth century farmstead located on a slope in a cultivated agricultural setting approximately 670 m northeast of Greasy Creek. The site consists

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of two loci associated with the same farmstead. The larger one contains two standing wooden structures, one partially collapsed wooden structure, and a concrete well. The smaller locus is located south-southwest of the larger one and consists of a foundation from a farm outbuilding. Artifacts were limited to a few structural items. Surrounding fields are cultivated with some pasture and no additional historic-age artifacts were identified.

Site 15Gn80 consists of a precontact open habitation/artifact scatter in a cultivated agricultural field approximately 235 m northeast of an unnamed tributary of Little Barren River (Appendix B: Photographs 1-2). The artifact assemblage includes over 40 lithic artifacts, one with diagnostic characteristics (Beacon Island projectile point/knife [PP/K]). The evaluated portion of site 15Gn80 does not presently meet NRHP criteria for eligibility; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn80 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn81 consists of a rockshelter on a slope in a dissected upland setting approximately 173 m northwest of an unnamed tributary of Caney Fork Creek (Appendix B: Photographs 3-4). The evaluated portion of site 15Gn81 does not presently meet NRHP criteria for eligibility; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional archaeological investigation. As such, site 15Gn81 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn82 consists of precontact open habitation/artifact scatter on a wooded slope in a dissected upland setting along an existing two-track road (Appendix B: Photographs 5-6). The artifact assemblage includes 19 lithic artifacts with no diagnostic characteristics. The evaluated portion of site 15Gn82 does not presently meet NRHP criteria for eligibility; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn82 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn83 is a multicomponent site consisting of a precontact open habitation/artifact scatter and a historic farm/residence in a cultivated agricultural field approximately 130 m west of Greasy Creek (Appendix B: Photographs 7-8). The artifact assemblage includes three lithic artifacts, one with diagnostic characteristics (Calf Creek projectile point/knife [PP/K]) and over 40 historic artifacts including bricks, whiteware, and glass (vessel and bottle fragments). The evaluated portion of site 15Gn83 does not presently meet NRHP criteria for eligibility; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn83 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

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Site 15Gn84 consists of a low-density lithic scatter on a broad upland ridge in a cultivated agricultural field approximately 40 m west of Greasy Creek (Appendix B: Photographs 11-12). The artifact assemblage includes 33 lithic artifacts with no diagnostic characteristics. The evaluated portion of site 15Gn84 does not presently meet NRHP criteria for eligibility; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn84 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn85 consists of an early to mid-twentieth century historic collapsed house and outbuilding in a pasture on a slope in a dissected upland setting approximately 3,919 m east of Little Barren River (Appendix B: Photographs 15-16). The only artifacts present were sheet metal, wooden planks and wooden posts that were within the foundation. The surrounding fields are cultivated with some pasture and no other historic-age artifacts were identified. The evaluated portion of site 15Gn85 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn85 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn86 consists of a mid to late twentieth century historic abandoned residence with a barn and three outbuildings surrounded by pasture and woods (Appendix B: Photographs 17-18). The site is located on a level surface in a dissected upland setting approximately 2,455 m east of Little Barren River. The only artifacts present were concrete blocks, wooden planks and wooden posts that were within the structures. The surrounding vegetation is pasture with a tree line and Old Curry Cemetery Road bisecting the site and no other historic-age artifacts were identified. The evaluated portion of site 15Gn86 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn86 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn87 consists of an early to late twentieth century cemetery located on a level surface in a dissected upland setting approximately 2,752 m east of Little Barren River (Appendix B: Photographs 19-20). The site is well maintained and located immediately east of an abandoned house and two outbuildings, one partially collapsed outbuilding, and a barn (site 15Gn86). The site is also adjacent to historic barns and other structures that are in neighboring parcels. The surrounding vegetation is pasture with a tree line along the eastern edge of the site and no other historic-age artifacts were identified. Twentieth century cemeteries of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or

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features reflective of distinctive design or construction methods, and the cemetery does not possess high artistic value or associations with the work of a master. Disturbances from surrounding agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. The evaluated portion of site 15Gn87 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional archaeological investigations. As such, site 15Gn87 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn88 consists of an early to late twentieth century partially collapsed, abandoned residence with a water well/pump and two outbuildings (Appendix B: Photographs 21-22). The site is located on a level upland surface approximately 5,061 m east of Little Barren River. The only artifacts present were concrete blocks, wooden planks and sheet metal that were within the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in adjacent parcels. No other historic-age artifacts were identified. The evaluated portion of site 15Gn88 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn88 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn89 consists of an early to late twentieth century two-story abandoned house on a slope in a cultivated agricultural setting approximately 3,275 m east of Little Barren River (Appendix B: Photograph 23). The only artifacts present were structural components such as wooden planks and shingles that were within the structure. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels. No other historic-age artifacts were identified. The evaluated portion of site 15Gn89 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn89 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn90 consists of an early to late twentieth century two-story abandoned house, barn, and a collapsed outbuilding on a terrace in a cultivated agricultural setting approximately 80 m east of Greasy Creek (Appendix B: Photographs 24-27). The only artifacts present were structural components, wooden planks and sheet metal that were within the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels. No other historic-age artifacts were identified. The evaluated portion of site 15Gn90 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations.

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As such, site 15Gn90 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn91 consists of an early to late twentieth century collapsing residence, barn, and outbuilding foundation on a slope in a cultivated agricultural setting approximately 390 m southeast of Greasy Creek (Appendix B: Photographs 28-30). There is a pond located immediately to the south-southwest of the site, and the only artifacts present were structural components, wooden planks and sheet metal that were within the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels. No other historic-age artifacts were identified. The evaluated portion of site 15Gn91 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn91 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn92 consists of an early nineteenth to mid-twentieth century cemetery (identified as the Whitlock Cemetery) located on a level surface in a dissected upland setting approximately 235 m southwest of Greasy Creek. The cemetery straddles the edge of the Project boundary. The site is located within the northern boundary of a forested area, and immediately southeast of a pond. The cemetery includes secondary overgrowth and woods which indicate a lack of maintenance. The surrounding vegetation is woods/forest with pastures and cultivated agriculture further to the west and east. No other historic-age artifacts were identified. Twentieth century cemeteries of this type are common throughout the region and no information was found that any landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is not significant under NRHP Criterion C since it lacks remains or features reflective of distinctive design or construction methods, and the cemetery does not possess high artistic value or associations with the work of a master. The evaluated portion of site 15Gn92 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional archaeological investigations. As such, site 15Gn92 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn93 consists of an early to mid-nineteenth century cemetery (Dowell Cemetery) located on a ridge in a dissected upland setting approximately 65 m southeast of Greasy Creek. The site is located within the southern boundary of a forested area, and along the north edge of Whitlock Cemetery Road/Luther Drive. The cemetery includes secondary overgrowth and woods which indicate a lack of maintenance. The surrounding vegetation is woods/forest with pastures and cultivated agriculture further to the east and south. No historic-age artifacts were identified. The evaluated portion of site 15Gn93 does not presently meet NRHP criteria for eligibility under

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NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional archaeological investigations. As such, site 15Gn93 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn94 consists of an early to late twentieth century abandoned house and outbuilding on a level surface in a floodplain. The site is approximately 10 m south of Greasy Creek. The only artifacts present were a wheeled cart, wooden planks and miscellaneous metal that were within the structures. No other historic-age artifacts were identified. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in adjacent parcels. The evaluated portion of site 15Gn94 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn94 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn95 consists of a mid-nineteenth to mid-twentieth century outbuilding foundation and its structural material (Appendix B: Photograph 31). The site is located on a ridge in a cultivated agricultural setting with the nearest water being a pond approximately 90 m south of the site. The surrounding vegetation is woods/forest with some cultivated agriculture in adjacent parcels and no other historic-age artifacts were identified. The only artifacts present were concrete blocks and drainage tiles that were within the structure. The evaluated portion of site 15Gn95 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn95 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn96 consists of a mid- to late twentieth century historic structure foundations and a standing residence located on a slope in a dissected upland setting approximately 110 m northwest of an unnamed intermittent stream (Appendix B: Photographs 32-33). The surrounding vegetation is woods/forest and pasture. The evaluated portion of site 15Gn96 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn96 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn97 consists of an early to late twentieth century collapsing structure and structural material located on a level surface in a cultivated agricultural setting with the nearest water being a pond approximately 225 m northwest of the site (Appendix B: Photographs 34). The surrounding vegetation includes woods/forest with scrub/secondary growth. The evaluated portion of site 15Gn97 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however,

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eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn97 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn98 consists of a historic-age farm/residence located on a knoll in a cultivated agricultural setting with the nearest water being a pond approximately 185 m southwest of the site (Appendix B: Photographs 35). The evaluated portion of site 15Gn98 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, site 15Gn98 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn99 consists of a mid-nineteenth to late twentieth century cemetery (Irving Cemetery) located on a level surface in a dissected upland setting with the nearest water being a pond approximately 180 m southwest of the site (Appendix B: Photographs 36). The evaluated portion of site 15Gn99 does not presently meet NRHP criteria for eligibility under NRHP Criterion D; however, eligibility of the site for inclusion in the NRHP cannot be assessed without additional archaeological investigations. As such, site 15Gn99 is recommended as being unassessed for listing in the NRHP under Criterion D; therefore, avoidance of the site is recommended.

Site 15Gn79 consists of a mid-nineteenth to mid-twentieth century farmstead located on a slope in a cultivated agricultural setting approximately 670 m northeast of Greasy Creek. The site consists of two loci associated with the same farmstead. The larger one contains two standing wooden structures, one partially collapsed wooden structure, and a concrete well. The smaller locus is located south-southwest of the larger one and consists of a foundation from a farm outbuilding. Artifacts were limited to a few structural items. Surrounding fields are cultivated with some pasture and no additional historic-age artifacts were identified.

SUMMARY

The primary objectives of the archaeological survey for the Project were (1) to identify existing cultural resources or areas with the potential for archaeological resources, and (2) to provide recommendations for avoidance or minimization of impacts to archaeological resources, if extant.

Twenty-four new archaeological sites, including four cemeteries, were identified during the survey (Temporary site numbers 15Gn79 through 15Gn99) were identified during this survey. The evaluated portions of the sites are recommended as not presently meeting NRHP criteria for eligibility. However, eligibility for inclusion in the NRHP cannot be assessed without additional subsurface investigations. As such, all the newly identified sites are recommended as being

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unassessed for eligibility for the NRHP under Criterion D; therefore, avoidance of the sites is recommended.

Although state and Federal review of historic resources is not currently required for the Project, if permitting ultimately requires such consultation, the NRHP eligibility of all recorded resources and the Project's potential to adversely affect historic (NRHP-listed or eligible) properties would require agency review and concurrence. This would entail completing a survey to Kentucky Specifications for Conducting Fieldwork and Preparing Cultural Resource Assessments and submitting a full survey report to the Kentucky SHPO and OSA for review.

If you have any questions or require additional information, please feel free to contact me by telephone at (470) 579-3556 or by e-mail at mdcarlock@burnsmcd.com.

Sincerely,



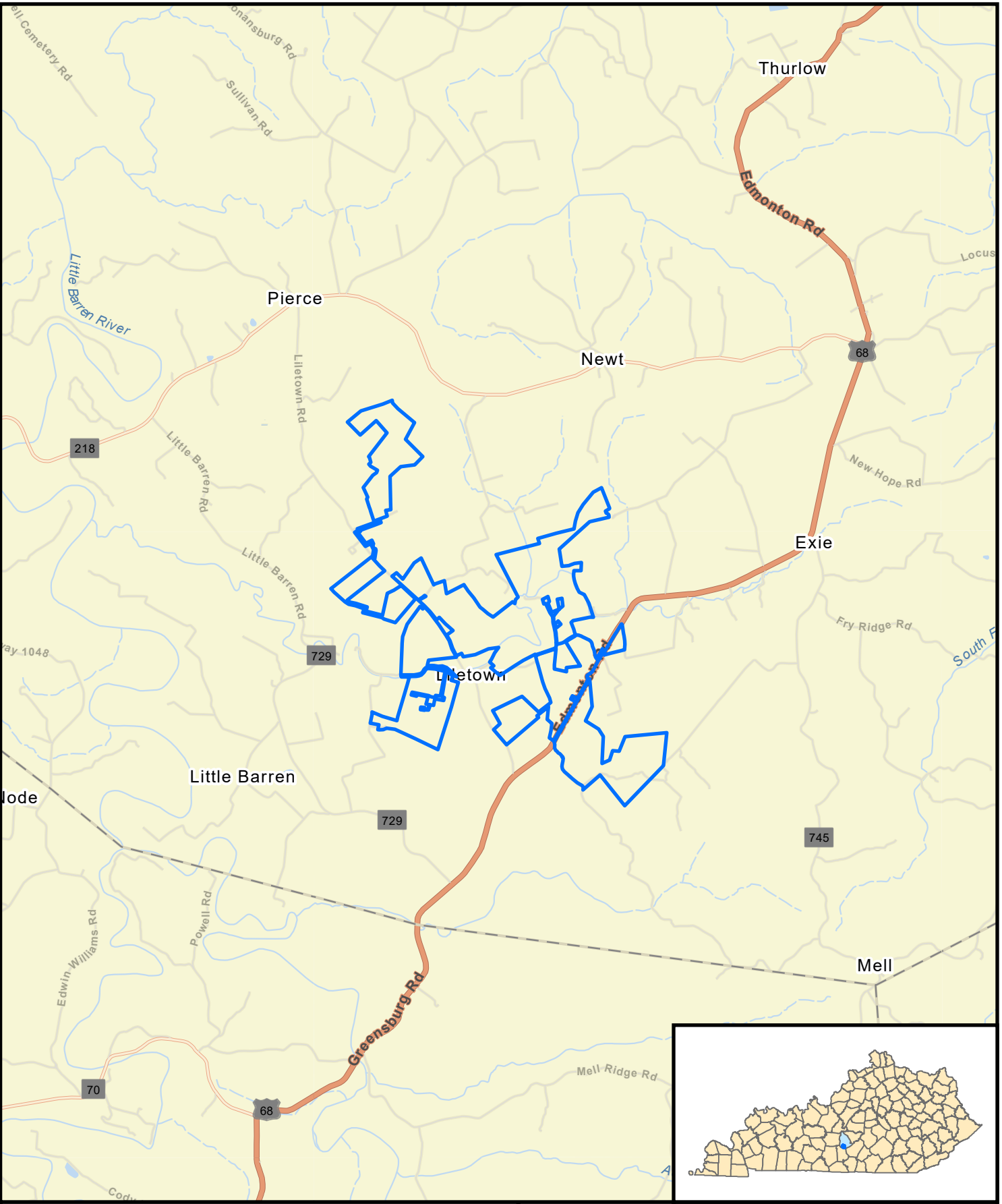
Douglas Shaver, M.S., RPA
Senior Cultural Resources Specialist, Principal Investigator

Attachments:

- Appendix A - Figures
- Appendix B - Field Photographs
- Appendix C - Site Forms

APPENDIX A - FIGURES

Path: Z:\Clients\ENS\NATIONAL\177659_ExieSolar\DataFiles\ArcPro\EXie_cultural.aprx khouse 9/10/2025
Service Layer Credits: World Street Map: Commonwealth of Kentucky Esri TomTom Garmin SafeGraph GeoTechnologies Inc MET/INASA USGS EPA NPS USDA USEMS



 Project Area

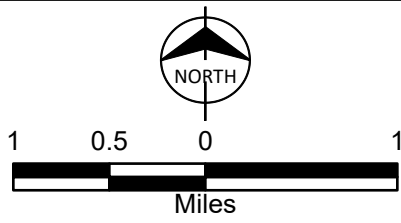
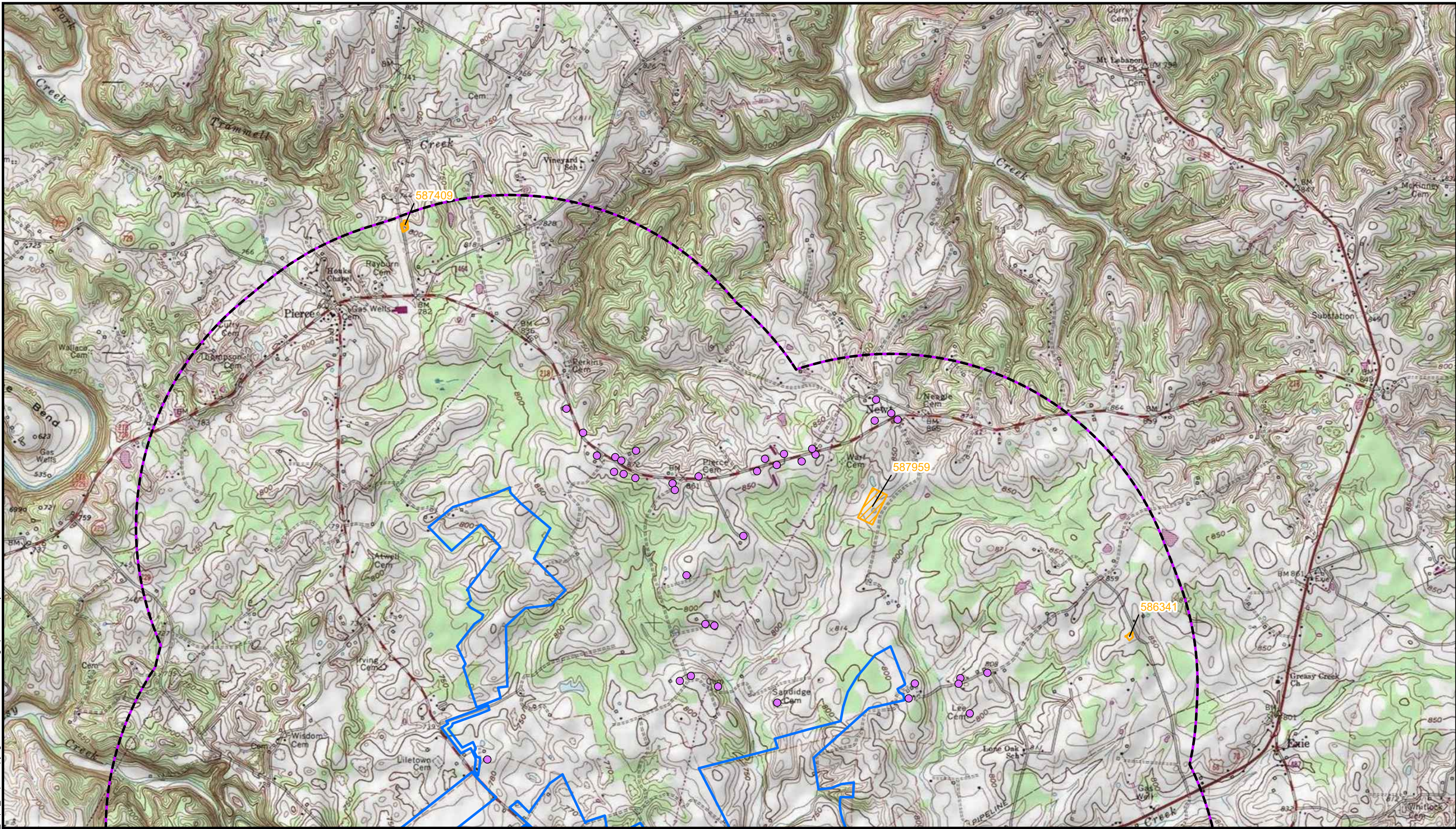


Figure A-1
Project Location Map
Exie Solar Project
Geronimo Power
Green County, Kentucky



- Study Area
- Project Area
- Previously Identified Archaeological Site
- NRHP-Listed Resource
- Historic Resource

- Preliminary Historic Resource**
- Outside Project Area
 - In Project Area
 - Previous Cultural Resources Survey

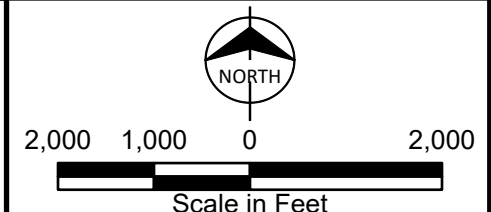
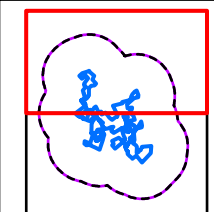
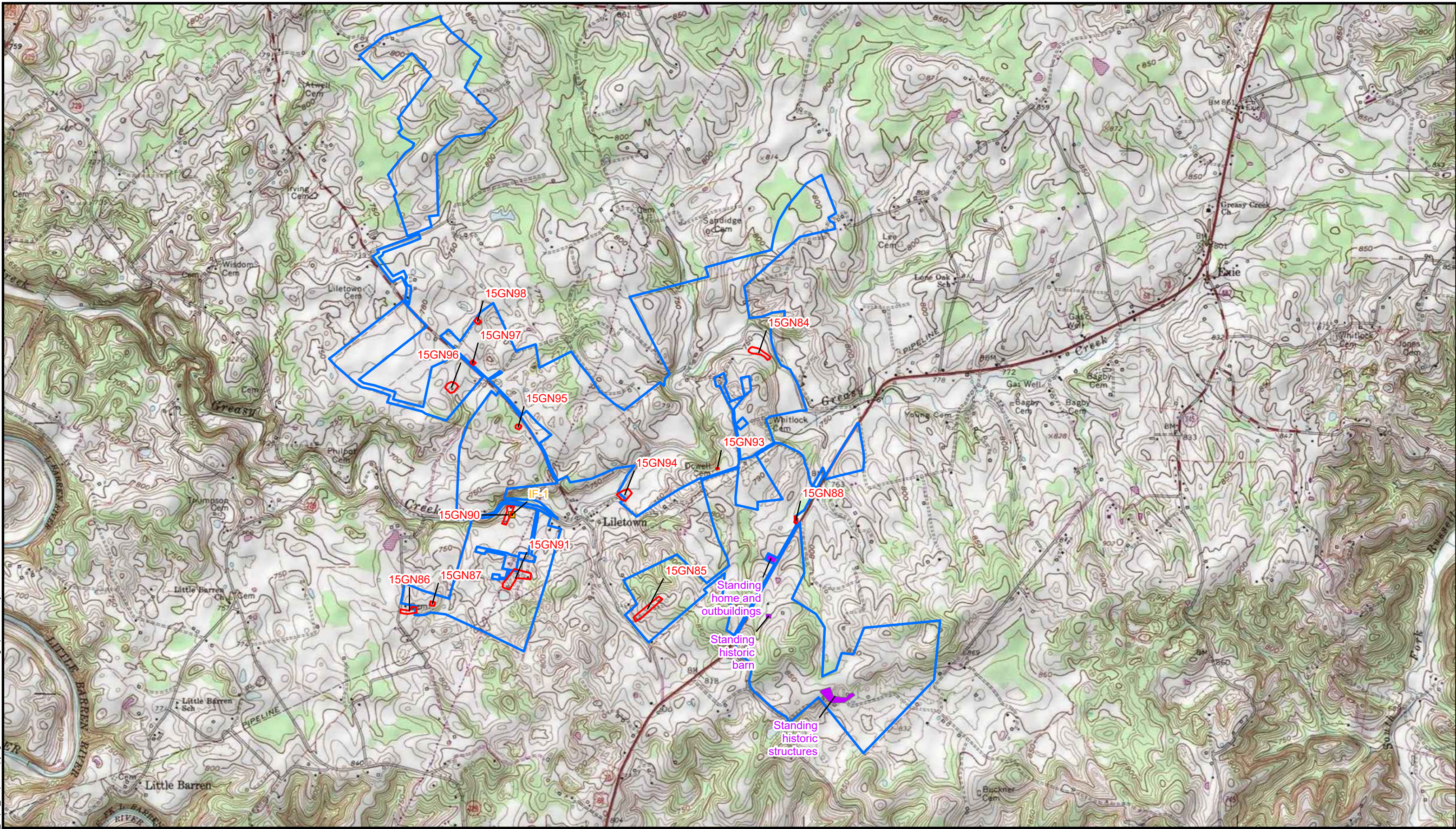






Figure A-2
Cultural Resources Map
Exie Solar Project
Geronimo Power
Green County, Kentucky
Page 1 of 2



-  Project Area
-  Newly Identified Archaeological Site
-  Isolated Find
-  Standing Structure - Non-Archaeological

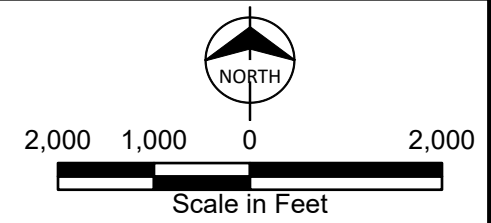
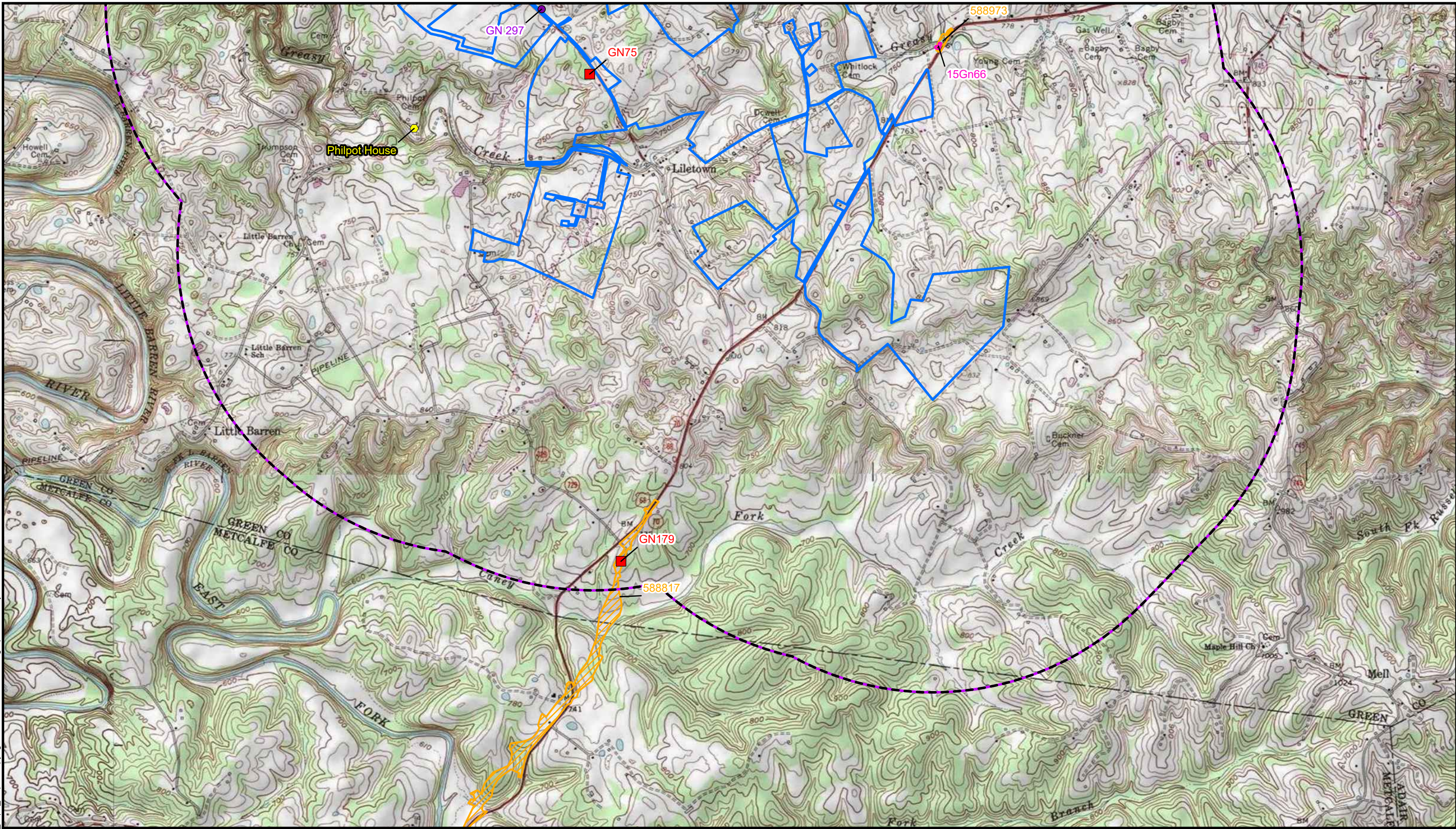


Figure A-3
New Archaeological Sites
Exie Solar Project
Geronimo Power
Green County, Kentucky

Path: Z:\Clients\NATIONAL\17659_ ExieSolar\Geospatial\DataFiles\ArcPro\Exie_cultural\Exie_cultural.aprx khouse 9/10/2025
Service Layer Credits: USA_Topo_Maps: Copyright © 2013 National Geographic Society, I-cubed



Study Area	Preliminary Historic Resource
Project Area	Outside Project Area
Previously Identified Archaeological Site	In Project Area
NRHP-Listed Resource	Previous Cultural Resources Survey
Historic Resource	

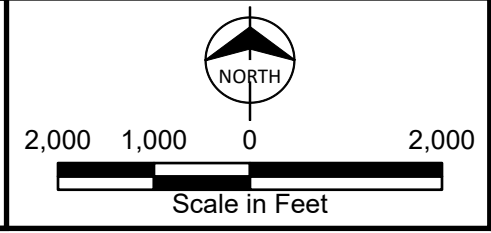
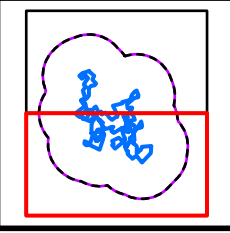


Figure A-2
Cultural Resources Map
Exie Solar Project
Geronimo Power
Green County, Kentucky
Page 2 of 2

APPENDIX B - FIELD PHOTOGRAPHS



Photograph C-1: Overview of site 15Gn80; facing northwest.



Photograph C-2: Projectile Point/Knife at site 15Gn80.



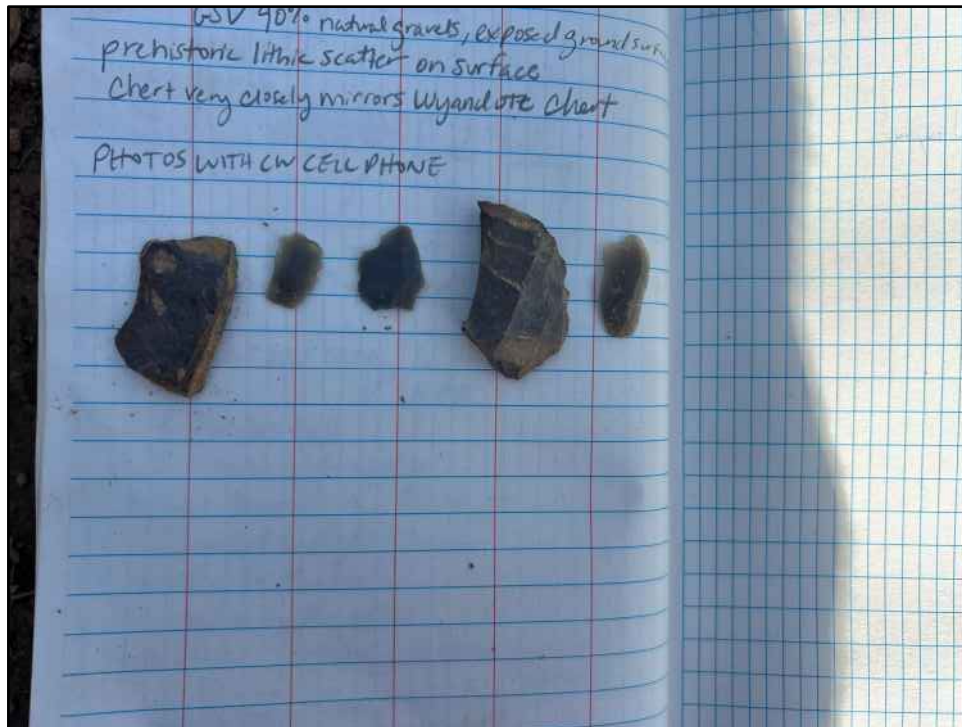
Photograph C-3: Interior of rock overhang at site 15Gn81; facing north.



Photograph C-4: Overview of rock overhang at site 15Gn81; facing north.



Photograph C-5: Overview of site 15Gn82; facing north.



Photograph C-6: Representative sample of artifacts at site 15Gn82.



Photograph C-7: Overview of site 15Gn83; facing northeast.



Photograph C-8: Representative sample of artifacts at site 15Gn83.



Photograph C-9: Overview of site 15Gn84; facing west.



Photograph C-10: Representative sample of artifacts at site 15Gn84.



Photograph C-11: Overview of site 15Gn85; facing south.



Photograph C-12: Structure at site 15Gn85; facing southwest.



Photograph C-13: House and outbuilding at site 15Gn86; facing south.



Photograph C-14: Barn at site 15Gn86; facing west.



Photograph C-15: Overview of site 15Gn87 (Old Curry Cemetery); facing northwest.



Photograph C-16: Overview of site 15Gn87 (Old Curry Cemetery); facing northeast.



Photograph C-17: Abandoned house at site 15Gn88, facing west.



Photograph C-18: Collapsing house at site 15Gn88; facing southeast.



Photograph C-19: Abandoned house at site 15Gn89, facing southeast.



Photograph C-20: Collapsed outbuilding at site 15Gn90; facing west.



Photograph C-21: Abandoned house at site 15Gn90; facing northeast.



Photograph C-22: Barn at site 15Gn90; facing southeast.



Photograph C-23: Barn at site 15Gn90; facing northeast.



Photograph C-24: Structure at site 15Gn91; facing south.



Photograph C-25: Collapsed structure at site 15Gn91; facing southeast.



Photograph C-26: Foundation remains at site 15Gn91; facing northwest.



Photograph C-27: Overview of site 15Gn95; facing south.



Photograph C-28: Overview of house at site 15Gn96; facing southeast.



Photograph C-29: Overview of house foundation at site 15Gn96; facing north.



Photograph C-30: Overview of site 15Gn97; facing east.



Photograph C-31: Overview of site 15Gn98; facing north.



Photograph C-32: Overview of site 15Gn99; Erwin-JE Shirley Cemetery; facing west.

APPENDIX C - SITE FORMS

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2		4

County Green

5		7

State Site No. 15Gn79

Site Name _____

Other Site No. _____ Project Site No. DS1

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4113752 (WGS84)

11							17

Easting 622981 (WGS84)

18							24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

J V Lile, Roberta

Address and Phone

4743 Little Barren Rd

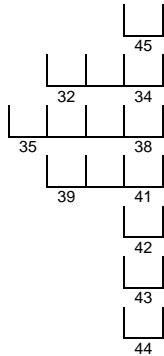
Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

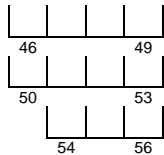
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented



- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps, historic aerial images, and artifacts.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8 9

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 <u> x </u> 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Concrete well, wooden barn, one wooden structure, concrete foundation

PHYSICAL DESCRIPTION

10 11

1. Site Type

- | | |
|--------------------------------------|---|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u> x </u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: <u> Structures within tree line and pasture </u> |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u> x </u> 51-75% disturbed | |

17 18

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u> x </u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u> x </u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|-------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 _____ 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Forested area with tall grasses surrounded by cultivated agricultural fields

20

7. Physiographic Division

- | | |
|----------------------------|---|
| 1 _____ Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|---|
| 1 _____ floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|---|
| 1 _____ level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 <input checked="" type="checkbox"/> slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		28
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		31

8. Soil Association Frederick silt loam, 6 to 12 percent slopes

Soil Series FrC

Soil Type Silt loam

Vegetation (*describe*) Woods and pasture

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32			35
	<input type="checkbox"/>		<input type="checkbox"/>
			36

9. Elevation 755 ft amsl

Slope of Locality

- | | |
|--|--|
| 1 _____ less than 5°, flat | 4 _____ 26-50° |
| 2 <input checked="" type="checkbox"/> 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 <input checked="" type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|------------|--|
| 1 _____ Flat | 4 _____ E | 7 <input checked="" type="checkbox"/> SW |
| 2 _____ N | 5 _____ SE | 8 <input checked="" type="checkbox"/> W |
| 3 _____ NE | 6 _____ S | 9 _____ NW |

37

10. Site Area (m²) 2,711

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

- | | |
|------------|---|
| 1 _____ no | 2 <input checked="" type="checkbox"/> yes |
|------------|---|

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38							45
	<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>
							47

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Greasy Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 2Distance to water from site 670 m southwest

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, Inga FonderSite surveyed by John Topi, Douglas Shaver, Thane Reid, Christa WroblewskiDate recorded 11/13/2024Time of day Afternoon Time spent at site 0.5-hour

58	59

60		62

4. Artifact Repository (*name and address where artifacts are curated*)Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>11</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Twentieth century farmsteads of this type are ubiquitous in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been heavily modified. Because no subsurface testing was done, it is possible that the site contains intact deposits. As such, it is recommended that the site is not unevaluated under NRHP Criterion D.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

The site consists of two loci associated with the same farmstead. The larger one contains two standing wooden structures, one partially collapsed wooden structure, and a concrete well; it measures approximately 270 feet by 145 feet. The smaller loci is located S, SW of the larger one and consists of a foundation from a farm outbuilding; it measures 95 feet by 77 feet. Surrounding fields are cultivated with some pasture and no historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is mostly still standing and is typical for early to mid-twentieth century farmsteads. The lone foundation is from an outbuilding and artifacts were limited to a few structural items.

D A T E S

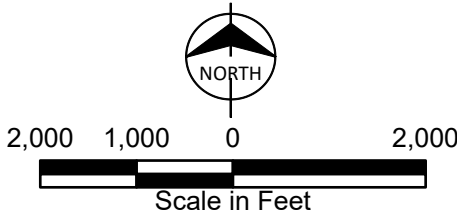
Absolute dates

Dating methods

3.

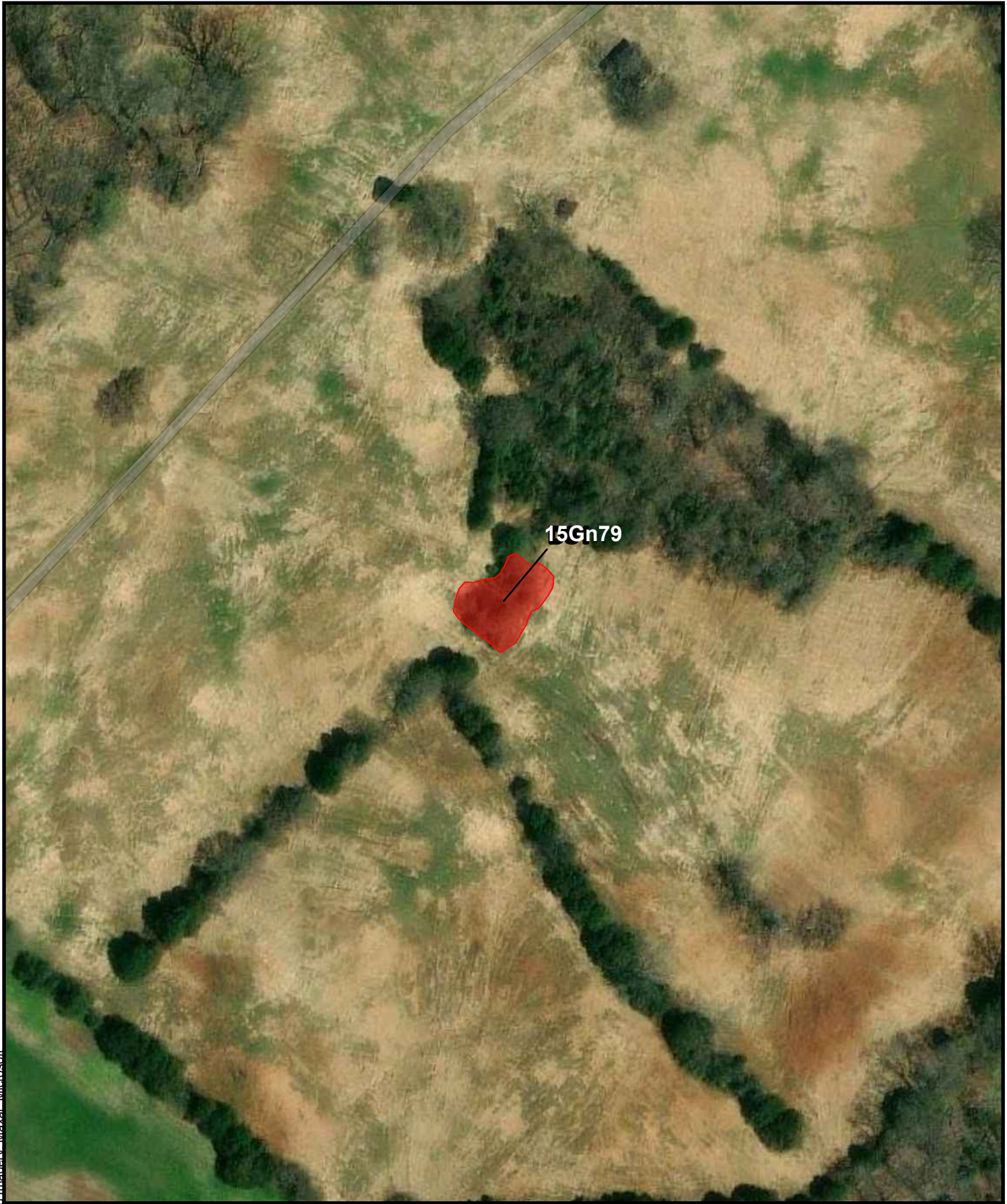




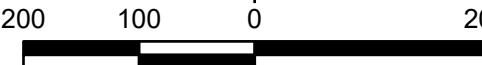

 Archy Site



15Gn79
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> Scale in Feet</p>		<p>15Gn79 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
---	--	---

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn80

Site Name _____

Other Site No. _____ Project Site No. JT-1

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4110466

11									17

Easting 622916

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Tony and Penny Young

Address and Phone

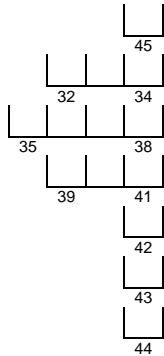
522 Little Barren Church Rd, Greensburg, KY 42743

Tenant (if any)

Address and Phone

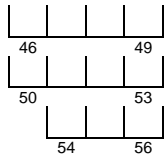
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- _____ Unassigned
- _____ Paleo-Indian, undefined _____ Early _____ Late
- x Archaic, undefined _____ Early _____ Middle x Late
- x Woodland, undefined x Early _____ Middle
- _____ Late Woodland/Mississippian
- _____ Historic Indian
- _____ Historic Non-Indian

2. Archaeological Cultures Represented



- _____ Adena _____ Hopewell _____ Ft. Ancient _____ Stone Grave
- _____ Mississippian _____ Cherokee _____ Pisgah _____ Lost River
- _____ Caborn-Welborn _____ Yankeetown _____ Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

The age of the site was determined from the only identified diagnostic artifact, a partially complete Beacon Island projectile point/knife that had been re-worked into a scraper.
Beacon Island points date to late Archaic and early Woodland Periods (Cambron and Hulse 2012:10)

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	<u> x </u>	flakes/cores/chunks	<u> x </u>
hafted scrapers/drills	<u> x </u>	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	<u> x </u>	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

In addition to the Beacon Island Projectile point/scraper, four biface fragments were identified. One core was also found. And 70 or more pieces of flake debitage from various stages in the reduction sequence were present.

8 9

4. Approximate Historic Site Date Range

- | | | |
|--------------------------------------|---------------------------------------|---------------------------------------|
| 1 <input type="checkbox"/> pre 1600 | 6 <input type="checkbox"/> 1701-1750 | 11 <input type="checkbox"/> 1900-2000 |
| 2 <input type="checkbox"/> 1600-1700 | 7 <input type="checkbox"/> 1751-1800 | 12 <input type="checkbox"/> 1901-1950 |
| 3 <input type="checkbox"/> 1601-1650 | 8 <input type="checkbox"/> 1801-1900 | 13 <input type="checkbox"/> 1951-2000 |
| 4 <input type="checkbox"/> 1651-1700 | 9 <input type="checkbox"/> 1801-1950 | 14 <input type="checkbox"/> 1851-1950 |
| 5 <input type="checkbox"/> 1701-1800 | 10 <input type="checkbox"/> 1851-1900 | 15 <input type="checkbox"/> 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10 11

1. Site Type

- | | |
|--|---|
| 0 <input type="checkbox"/> undetermined | 10 <input type="checkbox"/> non-mound earthwork |
| 1 <input checked="" type="checkbox"/> open habitation w / o mounds | 11 <input type="checkbox"/> workshop |
| 2 <input type="checkbox"/> isolated find | 12 <input type="checkbox"/> isolated burials |
| 3 <input type="checkbox"/> rockshelter | 13 <input type="checkbox"/> cemetery |
| 4 <input type="checkbox"/> cave | 14 <input type="checkbox"/> other special activity area |
| 5 <input type="checkbox"/> quarry | 15 <input type="checkbox"/> open habitation w/ mounds |
| 6 <input type="checkbox"/> stone mound | 16 <input type="checkbox"/> historic farm/residence |
| 7 <input type="checkbox"/> earth mound | 17 <input type="checkbox"/> industrial |
| 8 <input type="checkbox"/> mound complex | 18 <input type="checkbox"/> military |
| 9 <input type="checkbox"/> petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 unknown 1 earth 2 shell 3 absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 no 2 yes

14

4. Site Condition

- | | |
|--|---|
| 1 <input type="checkbox"/> apparently undisturbed | 5 <input type="checkbox"/> 76-99% disturbed |
| 2 <input type="checkbox"/> less than 25% disturbed | 6 <input type="checkbox"/> totally destroyed |
| 3 <input type="checkbox"/> 26-50% disturbed | 7 <input type="checkbox"/> disturbed, % unknown |
| 4 <input checked="" type="checkbox"/> 51-75% disturbed | |

17 18

5. Major Land Use

- | | | |
|---|--|--|
| 1 <input checked="" type="checkbox"/> cultivated | 8 <input type="checkbox"/> modern cemetery | 16 <input type="checkbox"/> 14+15 |
| 2 <input type="checkbox"/> pasture | 9 <input type="checkbox"/> mining | 17 <input type="checkbox"/> commercial |
| 3 <input type="checkbox"/> woods/forest | 10 <input type="checkbox"/> inundated | 18 <input type="checkbox"/> military |
| 4 <input type="checkbox"/> road/trail | 11 <input type="checkbox"/> industrial | 19 <input type="checkbox"/> logging/ logging related |
| 5 <input type="checkbox"/> ditch/dike/ borrow pit | 12 <input type="checkbox"/> residential | 20 <input type="checkbox"/> scrub/secondary growth |
| 6 <input type="checkbox"/> landfill | 13 <input type="checkbox"/> recreational | |
| 7 <input type="checkbox"/> modern | 14 <input type="checkbox"/> 1+2+3 | |
| | 15 <input type="checkbox"/> 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|-----------------------|-------------------|
| 1 _____ less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 <u>x</u> 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Cultivated field with young crop and some grasses/weeds

20

7. Physiographic Division

- | | |
|----------------------------|--------------------------------|
| 1 _____ Inner Bluegrass | 5 <u>X</u> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|------------------------------|
| 1 _____ floodplain | 4 <u>x</u> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|--------------------|
| 1 <u>x</u> level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 _____ slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

23	25
26	28
29	31

8. Soil Association Crider silt loam, 2 to 6 percent slopes; Dickson silt loam, 2 to 6 percent slopes

Soil Series CrB, DcB

Soil Type Silt loam

Vegetation (*describe*) Cultivated with some grasses, likely no-till farming

32

35

9. Elevation 774 ft amsl

Slope of Locality

- | | |
|-------------------------------|--|
| 1 <u>x</u> less than 5°, flat | 4 _____ 26-50° |
| 2 _____ 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|---------------|------------|
| 1 _____ Flat | 4 _____ E | 7 _____ SW |
| 2 _____ N | 5 <u>x</u> SE | 8 _____ W |
| 3 _____ NE | 6 _____ S | 9 _____ NW |

37

10. Site Area (m²) 5,481

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

48

38

45

46

47

1 _____ no 2 x yes

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Unnamed tributary of Little Barren River

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

53 55

Rank order of stream nearest site 2

Distance to water from site 235 m southwest

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (*surface survey, may include shovel tests*)
 2 intensive (*surface survey and testing*)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell Engineering

Site surveyed by John Topi

Date recorded 11/11/2024

Time of day Morning Time spent at site 2 hours

60 62

4. Artifact Repository (*name and address where artifacts are curated*)

No artifacts collected

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>11</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
 2 Eligible for National Register
 3 Nominated to National Register by SHPO
 4 Considered eligible but not nominated by SHPO
 5 Inventory site (does not presently meet National Register criteria)
 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site JT-1 contains material remains and cannot be directly connected to events or persons that made a significant contribution to history. As such the site is recommended not significant under NRHP Criteria A and B. While features were not identified during initial recording, the site might contain features reflective of distinctive design or construction methods, and it might also contain artifacts of high artistic value. Because of these reasons, more information would need to be gathered to determine if the site is eligible under NRHP Criterion C. All artifacts were found on the ground surface. The site likely extends beyond the identified boundaries. It might contain information important to prehistory and should therefore be considered avoided until more information can be gathered.

9. References

Cambron, James W. and David C. Hulse
 2012 *Handbook of Alabama Archaeology: Part I Point Types*. The Archaeological Research Association of Alabama, Inc. Moundville, Alabama.

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal 3 local government 5 private
 2 state 4 government 6 joint state/federal

11. *Special status (federal, state, county, etc.)*

- 1 forest 5 wildlife preserve
 2 park 6 nature preserve
 3 wilderness 7 military preserve
 4 wild river 8 _____

69

70

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site JT-1 is located approximately 25 meters west/southwest of the intersection of Little Barren Church Rd and Earl Young Rd. It is located on and surrounds a small rise in the active agricultural field. A powerline pole/structure is in the middle of the rise within the site. Multiple types of chert are present and the outbuilding at the adjacent farmstead represents an additional disturbance. No shovel testing was conducted, so it is not known if intact deposits are present. As such, avoidance is recommended.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

There are no similar prehistoric habitations in the immediate vicinity. It is concentrated on a small rise northwest of the Little Barren Church Rd. The site likely originated there and has been plowed and moved around the field over time.

D A T E S

Absolute dates _____

Dating methods _____

Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

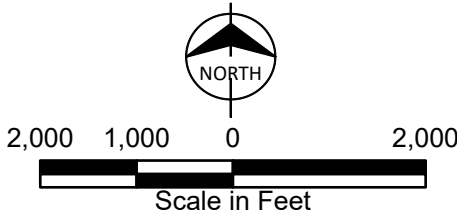


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

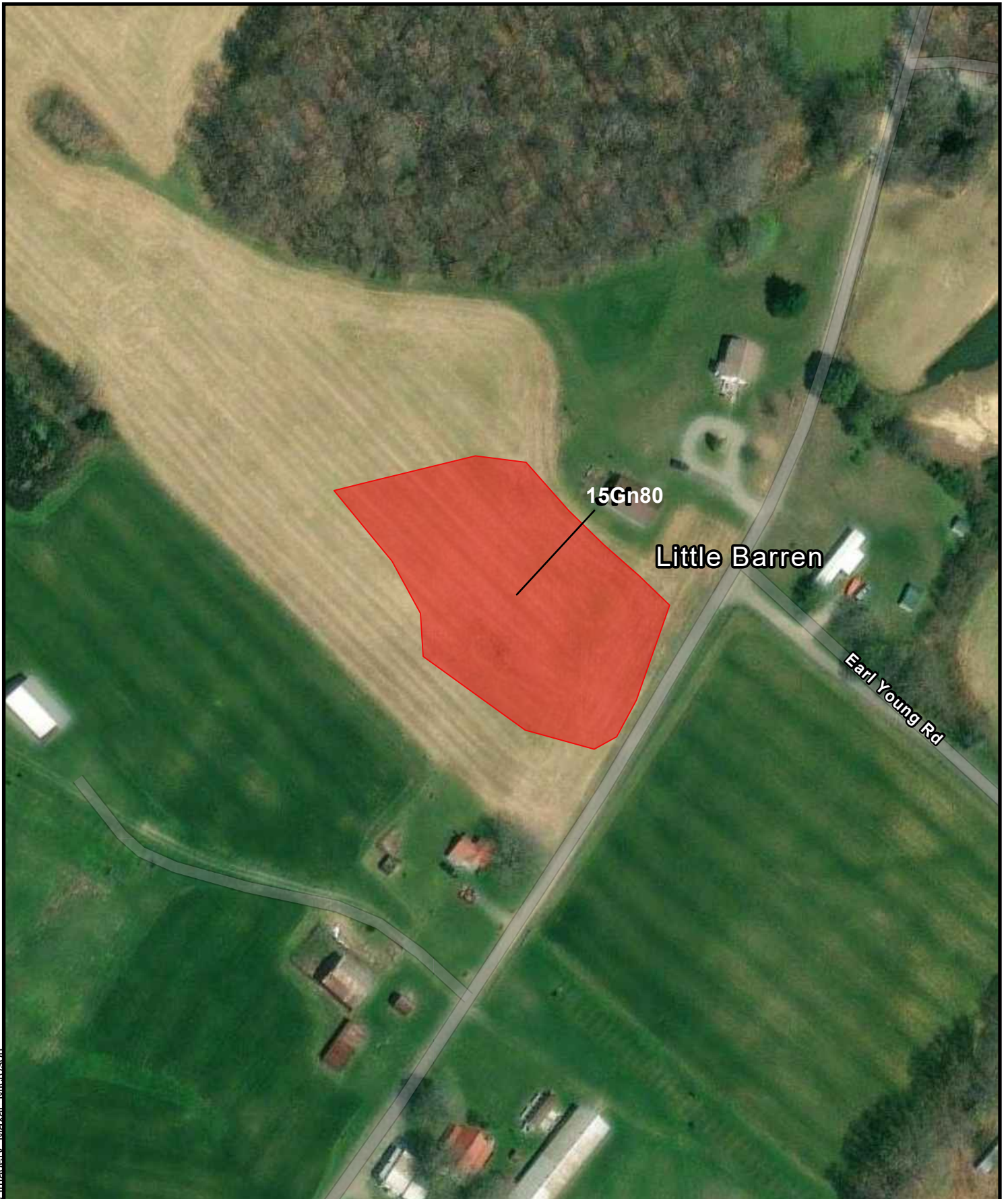


 Archy Site

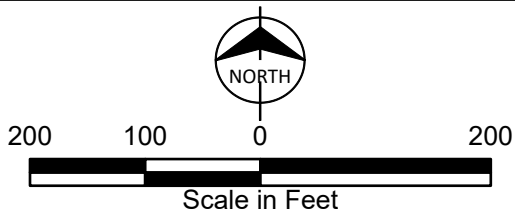


15Gn80
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn80
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

No artifacts were identified, so the cultural affiliation and age of the site could not be determined.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|--------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 <u>x</u> rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|---------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u>x</u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|--------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 <u>x</u> recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|-----------------------|-------------------|
| 1 _____ less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 <u>x</u> 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility High visibility, but flooding and other processes can deeply bury cultural materials in rockshelters

20

7. Physiographic Division

- | | |
|----------------------------|--------------------------------|
| 1 _____ Inner Bluegrass | 5 <u>x</u> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|------------------------------|
| 1 _____ floodplain | 4 <u>x</u> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|--------------------|
| 1 _____ level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 <u>x</u> slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

23	25
26	28
29	31

8. Soil Association Frederick silt loam, 20 to 30 percent slopes

Soil Series FrE

Soil Type Silt loam

Vegetation (*describe*) None

32	35
	36

9. Elevation 853 m amsl

Slope of Locality

- | | |
|----------------------------|---|
| 1 _____ less than 5°, flat | 4 _____ 26-50° |
| 2 _____ 6-10° | 5 <u>x</u> greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|--------------|------------|
| 1 _____ Flat | 4 _____ E | 7 _____ SW |
| 2 _____ N | 5 _____ SE | 8 _____ W |
| 3 _____ NE | 6 <u>x</u> S | 9 _____ NW |

37

10. Site Area (m²) 46

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

- | | |
|------------|----------------|
| 1 _____ no | 2 <u>x</u> yes |
|------------|----------------|

38	45
46	47

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Unnamed tributary of Caney Fork Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

53 55

Rank order of stream nearest site 2

Distance to water from site 173 m southeast

R E P O R T I N G I N F O R M A T I O N

56

1. Site reported by

- 1 professional/student
- 2 amateur
- 3 other informant

57

2. Investigation type

- 1 reconnaissance (*surface survey, may include shovel tests*)
- 2 intensive (*surface survey and testing*)
- 3 excavated
- 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell Engineering, Inc.

Site surveyed by John Topi, Christa Wroblewski, Thane Reid

Date recorded 11/12/2024

Time of day Morning Time spent at site 1 hour

60 62

4. Artifact Repository (*name and address where artifacts are curated*)

No artifacts collected

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>3</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Material remains at the site cannot be directly connected to events or persons that made a significant contribution to history. As such the site is recommended not significant under NRHP Criteria A and B. While features were not identified during initial recording, the site might contain features reflective of distinctive design or construction methods, and it might also contain artifacts of high artistic value. Because of these reasons, more information would need to be gathered to determine if the site is eligible under NRHP Criterion C. No artifacts were identified, but no subsurface testing was conducted. The site might contain information important to prehistory and should therefore be considered avoided until more information can be gathered.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

The site is a small rockshelter/overhang within a limestone bluff overlooking an ephemeral drainage of Caney Fork Creek. It is approximately 500 m southeast of the intersection of Edmonton Rd and Liletown Rd in a heavily logged forested area. There is evidence that logging has taken place nearby. No artifacts were found, but the shelter has burned/slightly buried logs, two fragments of animal bones, and a fish operculum. The shelter measures 1.7 m tall, by 1 m wide. It is 2.3 m in depth and becomes shallower and tapers toward its back. The opening also faces directly south. Because no subsurface testing was conducted, it is recommended that the site remains unevaluated as it might contain intact deposits.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

No rockshelters have been recorded in the immediate vicinity, though there are many throughout the state. It is smaller than most, but it is unknown if deposits are present and if the site has good integrity.

D A T E S

Absolute dates _____

Dating methods _____

_____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

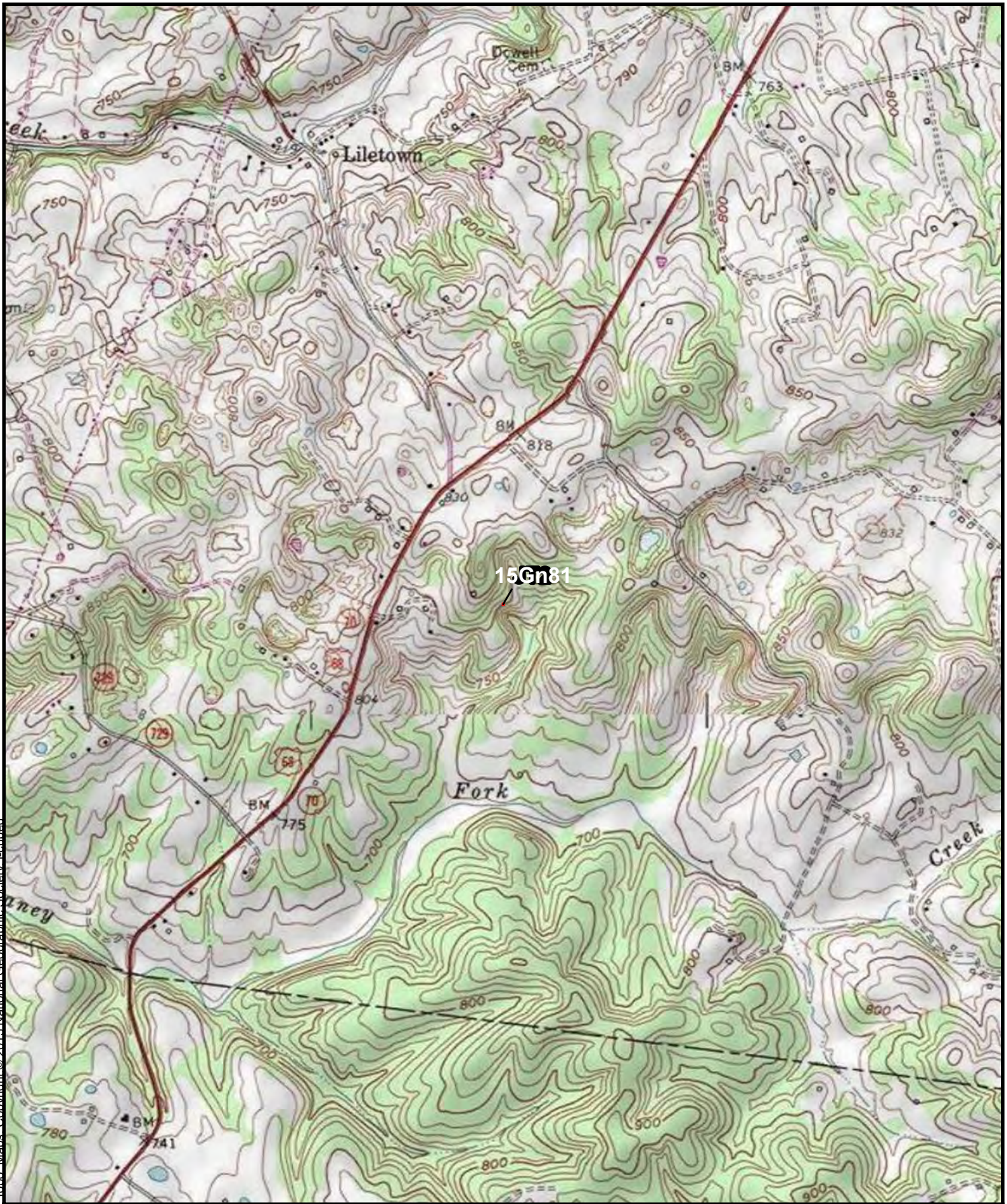


Directions to Site

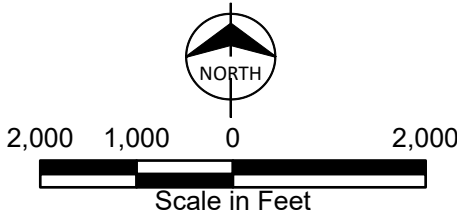
	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____

2.

3.



 Archy Site

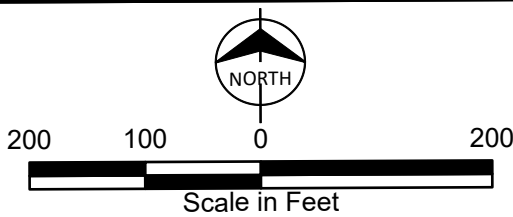


15Gn81
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



 Archy Site



15Gn81
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2 4

County Green

5 7

State Site No. 15Gn82

Site Name _____

Other Site No. _____ Project Site No. JT3

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9 10

Northing 4109725

11 17

Easting 626376

18 24

25 27

2. Quadrangle Name Exie

Quadrangle Date 2022

28 29

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Richard Jamie

Address and Phone

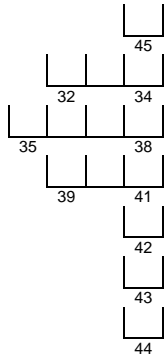
411 Oak St, Cincinnati, OH 45219

Tenant (*if any*)

Address and Phone

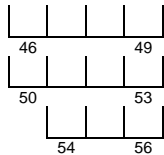
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented



- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

No diagnostic artifacts were found, so the cultural affiliation and site age were not able to be determined.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	<u>x</u>
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	<u>x</u>	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

A total of 19 prehistoric artifacts were found on the ground surface. One biface fragment and one flake tool were identified, while the rest of the lithic artifacts are categorized within all stages of the reduction sequence.

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|--------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|---|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 <u>x</u> open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 <u>x</u> 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|--------------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 <u>x</u> road/trail | 11 _____ industrial | 19 <u>x</u> logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|-----------------------|-------------------|
| 1 _____ less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 <u> x </u> 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility High visibility on the two-track road, low GSV in surrounding woods

20

7. Physiographic Division

- | | |
|----------------------------|------------------------------------|
| 1 _____ Inner Bluegrass | 5 <u> x </u> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|----------------------------------|
| 1 _____ floodplain | 4 <u> x </u> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|----------------------|
| 1 _____ level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 <u> x </u> slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

23	25
26	28
29	31

8. Soil Association Frankstown silt loam, 6 to 12 percent slopes; Frederick silt loam, 6 to 12 percent slopes

Soil Series FkC, FrC

Soil Type Silt loam

Vegetation (*describe*) Secondary vegetation, surrounding woods

32

35

9. Elevation 728 ft amsl

Slope of Locality

- | | |
|----------------------------|--|
| 1 _____ less than 5°, flat | 4 _____ 26-50° |
| 2 <u> x </u> 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|------------------|------------|
| 1 _____ Flat | 4 _____ E | 7 _____ SW |
| 2 _____ N | 5 _____ SE | 8 _____ W |
| 3 _____ NE | 6 <u> x </u> S | 9 _____ NW |

37

10. Site Area (m²) 342

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u> GPS </u> |

Confident of site boundaries:

48

38

45

46

47

1 _____ no 2 x yes

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Unnamed creek/tributary of Caney Fork Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 3Distance to water from site 50 m southeast

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by John Topi, Christa Wroblewski, Thane ReidDate recorded 11/12/2024Time of day Morning Time spent at site 1 hour

58	59

60		62

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>4</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Material remains at the site cannot be directly connected to events or persons that made a significant contribution to history. As such the site is recommended not significant under NRHP Criteria A and B. While features were not identified during initial recording, the site might contain features reflective of distinctive design or construction methods, and it might also contain artifacts of high artistic value. Because of these reasons, more information would need to be gathered to determine if the site is eligible under NRHP Criterion C. All artifacts were found on the ground surface. The site likely extends beyond the identified boundaries. It might contain information important to prehistory and should therefore be considered avoided until more information can be gathered.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

The site is approximately 900 m northeast of the intersection of Edmonton Rd and Little Barren Rd. It is within the disturbed area of a two-track logging road surrounded by forest. All artifacts were found on the ground surface and no subsurface testing was conducted. As such, the site might contain intact deposits, especially in areas surrounding the road. An unnamed tributary of Caney Fork Creek is located 50 m to the southeast. Project avoidance is recommended.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is similar to other small prehistoric sites in the area. No diagnostic artifacts were identified and the site likely extends beyond its boundaries as artifacts were identified on the ground surface of a two-track logging road.

D A T E S

Absolute dates


Dating methods

 _____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

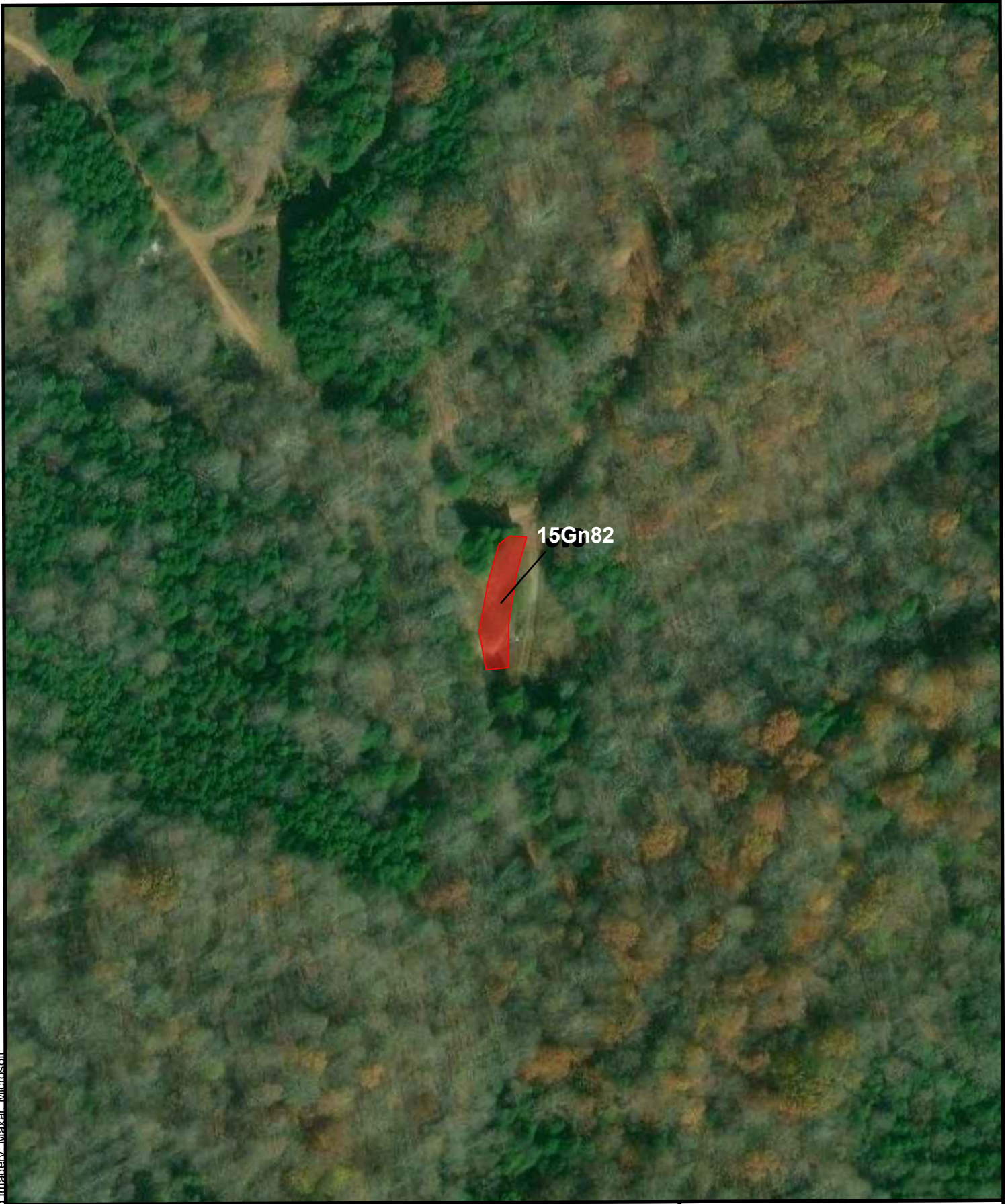
Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.



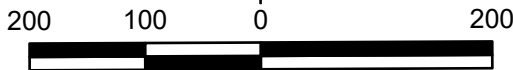
Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



Archy Site



15Gn82
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn83

Site Name _____

Other Site No. _____ Project Site No. JT4

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112692

11									17

Easting 626165

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Jonathan R. Judd

Address and Phone

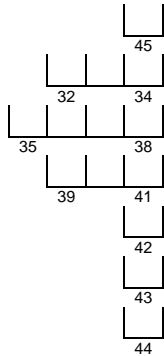
1782 Liletown Rd, Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

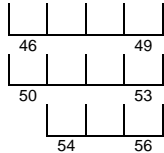
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- _____ Unassigned
- _____ Paleo-Indian, undefined _____ Early _____ Late
- x Archaic, undefined _____ Early x Middle _____ Late
- _____ Woodland, undefined _____ Early _____ Middle
- _____ Late Woodland/Mississippian
- _____ Historic Indian
- _____ Historic Non-Indian

2. Archaeological Cultures Represented



- _____ Adena _____ Hopewell _____ Ft. Ancient _____ Stone Grave
- _____ Mississippian _____ Cherokee _____ Pisgah _____ Lost River
- _____ Caborn-Welborn _____ Yankeetown _____ Angel
- OTHER (*describe*) Calf Creek

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

One Calf Creek projectile point reworked into a drill was found. This is the only diagnostic artifact, and Calf Creek points date to the Middle Archaic Period of 5950-5700 BP (Lohse, Duncan, and Wyckoff 2021).

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	<u> 1 </u>	flakes/cores/chunks	<u> 2 </u>
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

In addition to the Calf Creek projectile point/drill, two pieces of flake debitage were found.

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 <u>x</u> 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u>x</u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected 200+ brick, concrete, miscellaneous metal, aqua, amber, solarized amethyst, cobalt, green, colorless, black, milk and vessel glass, Black transfer ironstone, canning jar lid liners, external thread bottle finishes, canning jars

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|---|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 <u>x</u> open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u>x</u> 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|-----------------------|---------------------|
| 1 _____ less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 <u> x </u> 51-91% | 7 <u> x </u> good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Harvested agricultural field

20

7. Physiographic Division

- | | |
|----------------------------|------------------------------------|
| 1 _____ Inner Bluegrass | 5 <u> x </u> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|----------------------------------|
| 1 _____ floodplain | 4 <u> x </u> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|----------------------|
| 1 _____ level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 <u> x </u> slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

23 25

26 28

29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes, Frederick silty clay loam 12 to 20 percent slopes

Soil Series CrB, FsD3

Soil Type Silt loam, silty clay loam

Vegetation (*describe*) Harvested agricultural field

32 35

36

9. Elevation 770 ft amsl

Slope of Locality

- | | |
|----------------------------|--|
| 1 _____ less than 5°, flat | 4 _____ 26-50° |
| 2 <u> x </u> 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|------------------|------------|
| 1 _____ Flat | 4 <u> x </u> E | 7 _____ SW |
| 2 _____ N | 5 _____ SE | 8 _____ W |
| 3 _____ NE | 6 _____ S | 9 _____ NW |

37

10. Site Area (m²) 6,955

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u> GPS </u> |

Confident of site boundaries:

48

38 45

46 47

1 _____ no 2 x yes

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Greasy Creek

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (historic sites only) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (historic sites only) |

53 55

Rank order of stream nearest site 2

Distance to water from site 130 m east

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
- 2 amateur
- 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
- 2 intensive (surface survey and testing)
- 3 excavated
- 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell Engineering, Inc.

Site surveyed by John Topi, Douglas Shaver, Christa Wroblewski, Thane Reid

Date recorded 11/18/2024

Time of day Morning Time spent at site 2 hours

60 62

4. Artifact Repository (name and address where artifacts are curated)

No artifacts collected

Name of curator at repository
Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>8</u> no. of pictures |

Name and address of institution where photos are filed
University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
 2 Eligible for National Register
 3 Nominated to National Register by SHPO
 4 Considered eligible but not nominated by SHPO
 5 Inventory site (does not presently meet National Register criteria)
 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Nineteenth and twentieth century farmsteads of this type are ubiquitous in the region and

it is unlikely that the landowner with which the site is associated was a

significant historical figure. As such the site is recommended not significant under NRHP Criteria

A and B. The site is also recommended not significant under NRHP Criterion C because there do not

appear to be structural remains lack distinctive design or artifacts that possess high artistic value or

associations with the work of a master. Because no subsurface testing was conducted, the site might

contain intact deposits that could provide information important to local history. Additional

investigations would be necessary in order to make a

recommendation if the site is eligible under NRHP Criterion D.

69

70

9. References

Lohse, Jon C., Marjorie A. Duncan, and Don G. Wyckoff
 2021 *The Calf Creek Horizon: A Mid-Holocene Hunter-Gatherer Adaptation in the Central and Southern Plains of North America*. Texas A&M University Press, College Station, Texas

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

71

10. Ownership

- 1 federal 3 local government 5 private

11. <i>Special status</i> (federal, state, county, etc.)	2 _____ state	4 _____ government	6 _____ nature preserve/federal
		3 _____ wilderness	7 _____ military preserve
		4 _____ wild river	8 _____
	1 _____ forest	5 _____ wildlife preserve	

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

The site is located approximately 515 m southeast of the intersection of Jim Meadows Rd and B Edwards Rd. It is in an active agricultural field and extends onto a rise to the west/southwest. Greasy Creek is 140 m east. All artifacts were found on the ground surface as no subsurface testing was conducted. Three artifact concentrations of historic-age artifacts were identified. Two are near the former location of the home, according to aerial imagery. The third is closer to the former location of a barn or outbuilding. It appears that the farmstead was built in the early 1950s and demolished between 2010 and 2012.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is similar to the remains of other farmsteads from that time. It does not appear to hold dense or unusual concentrations of artifacts, though no subsurface testing was conducted. There could be intact remains below the ground surface. The prehistoric remains are sparse, but there might be more below the ground surface.

D A T E S

Absolute dates _____

Dating methods _____

_____ Laboratory _____

Relative dates _____ References _____

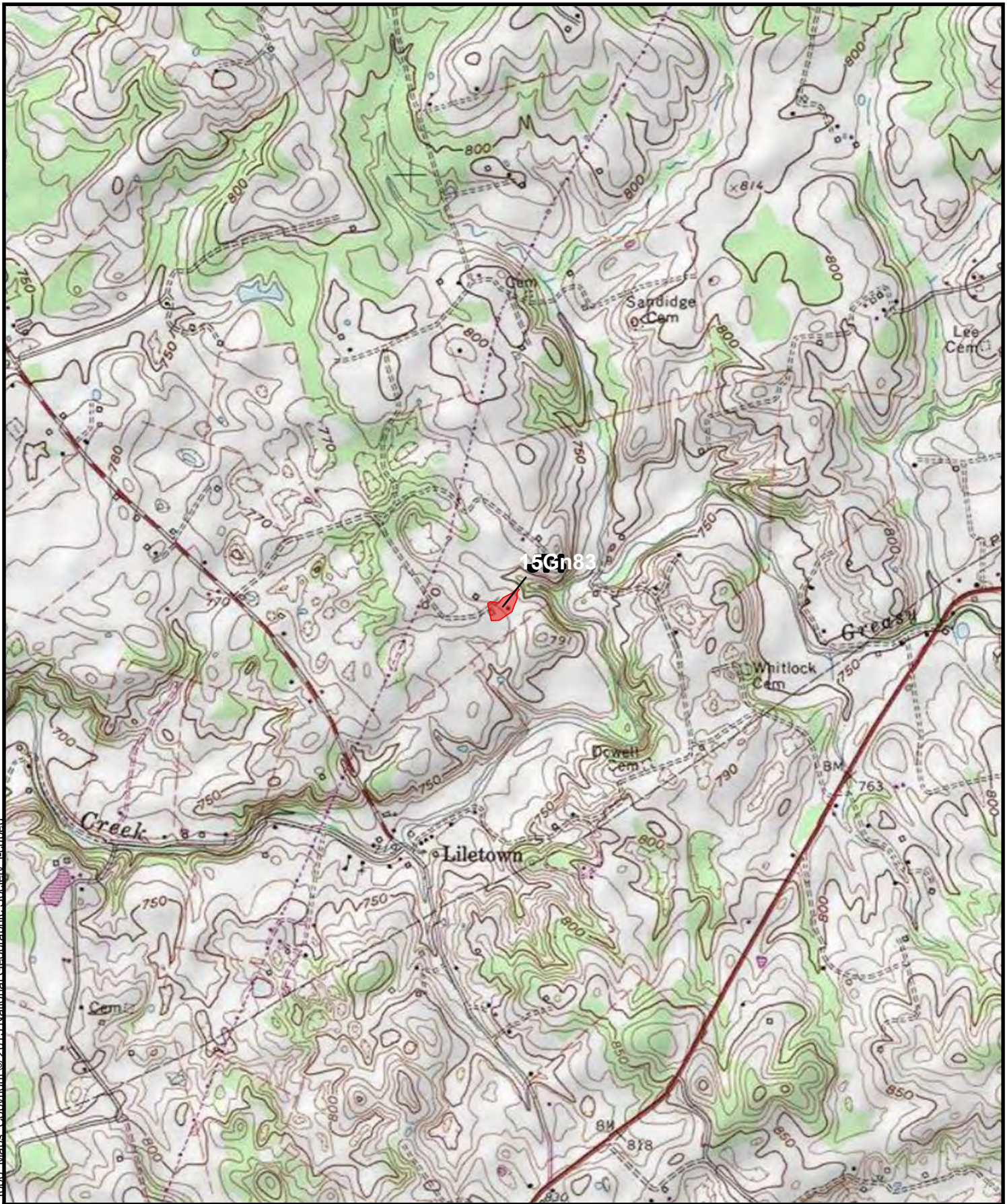
S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

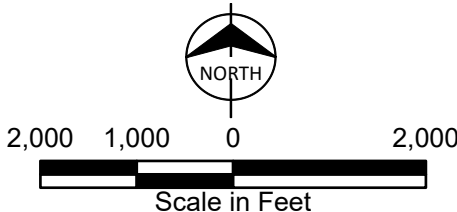


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____







 Archy Site



15Gn83
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

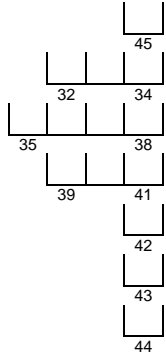
Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> 200 100 0 200 Scale in Feet</p>		<p>15Gn83 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
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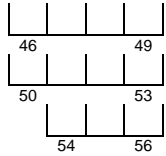
TEMPORAL - CULTURAL AFFILIATIONS

1. Cultural Periods Represented



- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented



- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel
- OTHER (*describe*) Indeterminate prehistoric

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

No diagnostic artifacts were identified, so unable to determine cultural affiliation or site age

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

Two biface thinning flakes, twenty-one tertiary flakes, three broken flakes, one pressure flake, one burned tertiary flake, one heat treated flake, two shatter, and one secondary flake

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|--------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|---|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 <u>x</u> open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |
-
-

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u>x</u> 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|--|--------------------------------------|
| 1 <input type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input checked="" type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Cultivated agricultural field

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|--|---|
| 1 <input type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input checked="" type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25

26 28

29 31

8. Soil Association Elk silt loam, 2 to 6 percent slopes

Soil Series EIB

Soil Type Silt loam

Vegetation (*describe*) Cultivation

32 35

36

9. Elevation 231 m

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--|-------------------------------|-------------------------------|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input checked="" type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input checked="" type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 5,028.5

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|--|--------------------------------|
| 1 <input checked="" type="checkbox"/> no | 2 <input type="checkbox"/> yes |
|--|--------------------------------|

38 45

46 47

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Greasy Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 2Distance to water from site 40 m east

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, Inga FonderSite surveyed by John Topi, Douglas Shaver, Thane Reid, Christa WroblewskiDate recorded 11/13/2024Time of day Morning Time spent at site 0.5-hour

58	59

60	62	

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>4</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 ___ Inventory site (does not presently meet National Register criteria)
- 6 x National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site JT-6 is a small prehistoric lithic scatter. It cannot be directly connected to events or persons that made a significant contribution to history and is recommended not significant under Criteria A and B. While features were not identified during initial recording, the site might contain features reflective of distinctive design or construction methods, and it might also contain artifacts of high artistic value. Due to these reasons, more information would need to be gathered to determine if the site is eligible under Criterion C. The site does not appear to have the potential to provide further information beyond what has already been documented and is recommended not significant under Criterion D.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site JT-6 is a low-density lithic scatter recorded on a broad upland ridge and was in a cultivated agricultural field at the time of the survey. It is located immediately to the west of Greasy Creek and to the northeast of G Thompson Road. The site boundary was defined by pedestrian survey. Review of historic period aerial imagery shows that the site area has been an agricultural field since at least 1951 (NETROnline 2024).

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

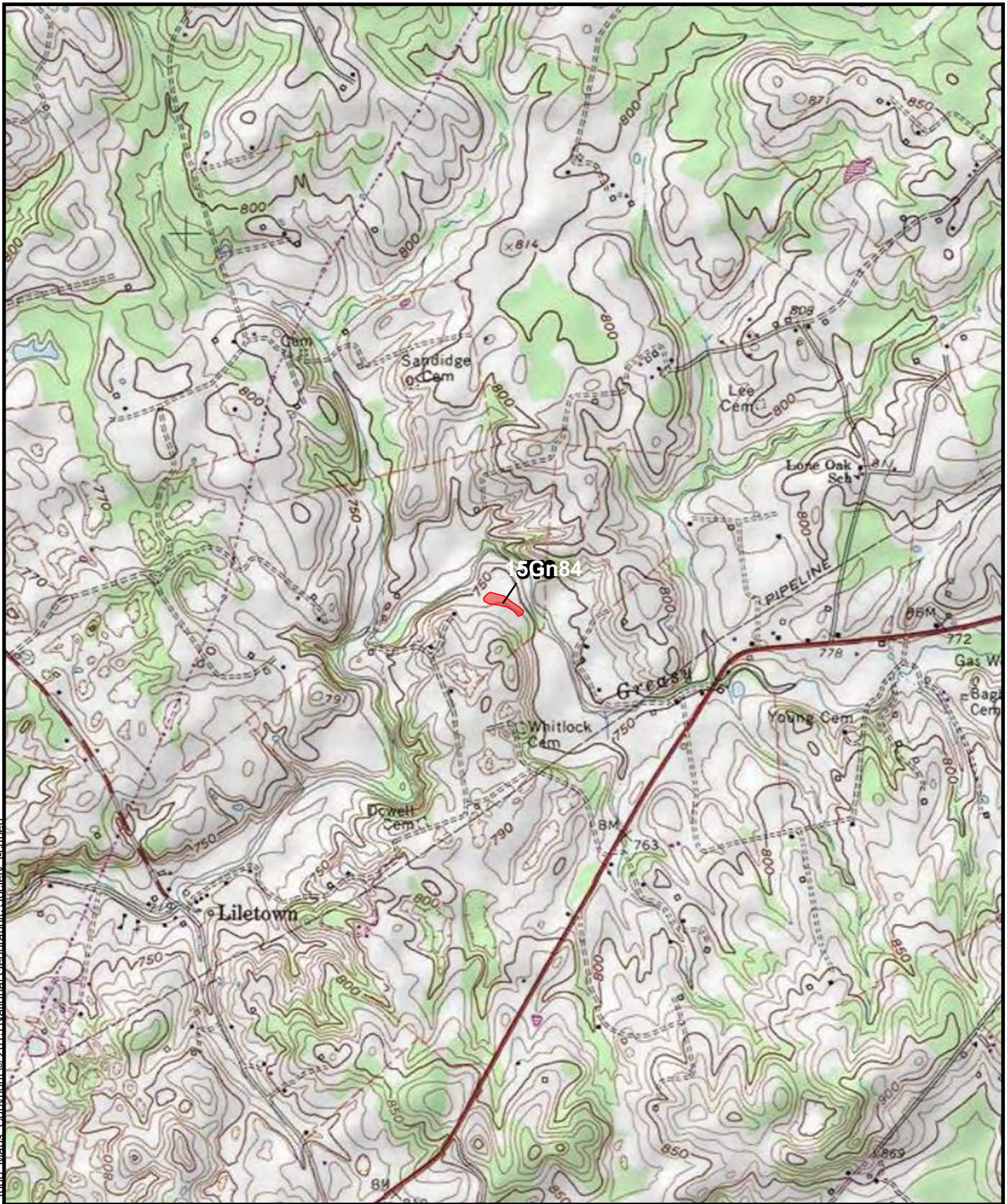
The site is similar to other small lithic scatters recorded in the same field or on adjacent parcels. It likely represents the remains of a small stone tool maintenance workshop or similar activity area.

D A T E S

Absolute dates

Dating methods

3.



 Archy Site



2,000 1,000 0 2,000

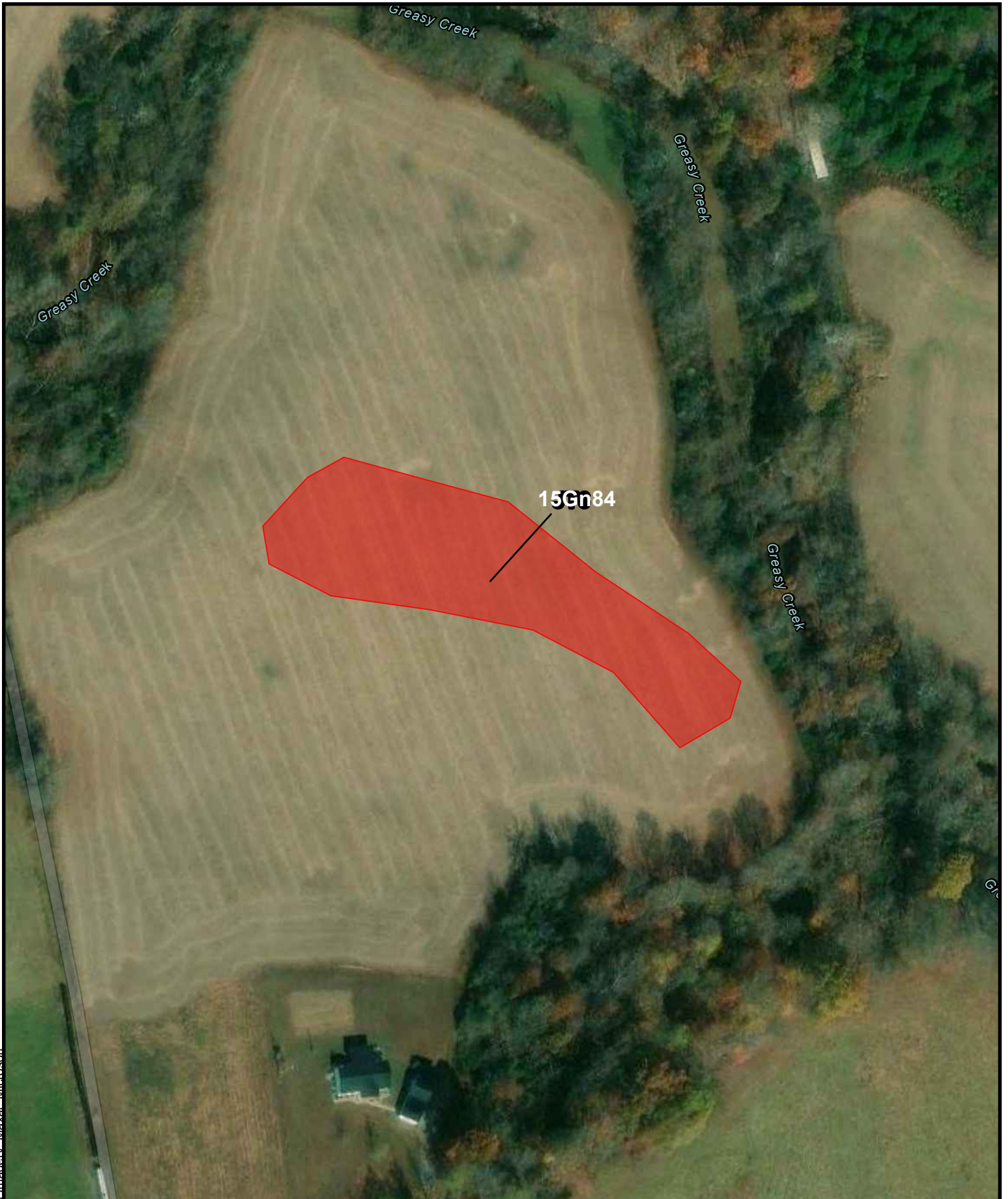


Scale in Feet

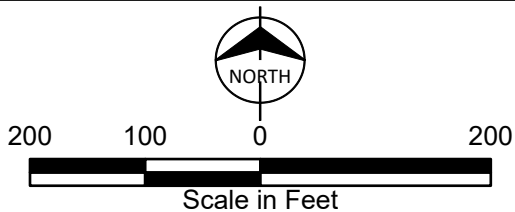


15Gn84
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn84
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn85

Site Name _____

Other Site No. _____ Project Site No. TR-2

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4111201 (WGS84)

11							17

Easting 626247 (WGS84)

18							24

2. Quadrangle Name Exie

25		27

Quadrangle Date 2022

28	29

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

30

OWNERSHIP

Name(s)

Edwin B. Froggett

Address and Phone

107 Quail Valley Dr, Greenville, KY 42743

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the structures at the location.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u>x</u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Collapsed barn/outbuilding and collapsing residence

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 <u>x</u> 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u>x</u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 <u>x</u> residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Mowed grasses surrounded by woods and crop land

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|--|---|
| 1 <input type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input checked="" type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25
26 28
29 31

8. Soil Association Frederick silt loam, 6 to 12 percent slopes

Soil Series FrC

Soil Type Silt loam

Vegetation (*describe*) Pasture

32 35
36

9. Elevation 833 ft amsl

Slope of Locality

- | | |
|---|---|
| 1 <input type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input checked="" type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input checked="" type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|-------------------------------|--|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input checked="" type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input checked="" type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 7,981

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input checked="" type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|-------------------------------|---|
| 1 <input type="checkbox"/> no | 2 <input checked="" type="checkbox"/> yes |
|-------------------------------|---|

38 45
46 47

48

49 50

11. Drainage

- 1 Mississippi
- 2 Tennessee
- 3 Lower Cumberland
- 4 Upper Cumberland
- 5 Tradewater
- 6 Green
- 7 Western Ohio
- 8 Central Ohio
- 9 Eastern Ohio
- 10 Salt
- 11 Kentucky
- 12 Licking
- 13 Little Sandy
- 14 Big Sandy
- 15 Tygarts

51

Closest Water Source (name) Little Barren River

- 1 permanent stream
- 2 intermittent stream
- 3 permanent spring
- 4 intermittent spring
- 5 lake/pond (historic sites only)
- 6 slough/oxbow lake
- 7 well (historic sites only)

53 55

Rank order of stream nearest site 3

Distance to water from site 3.919 m west

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
- 2 amateur
- 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
- 2 intensive (surface survey and testing)
- 3 excavated
- 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, Inga Fonder

Site surveyed by John Topi, Douglas Shaver, Thane Reid, Christa Wroblewski

Date recorded 11/11/2024

Time of day Morning Time spent at site 0.5-hour

60 62

4. Artifact Repository (name and address where artifacts are curated)

Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- black/white no. of pictures
- color 4 no. of pictures

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-2 is a collapsed house and outbuilding, and early to mid-twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been heavily modified. Disturbances from agriculture and the fact that the rest of the farmstead is extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

70

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

71

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve

4 _____ wild river 8 _____

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-2 consists of structural materials from a collapsed outbuilding and a collapsing house. It measures approximately 735 feet by 105 feet. The only artifacts present were sheet metal, wooden planks and wooden posts that were within the foundation. The surrounding fields are cultivated with some pasture and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is mostly collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is from an outbuilding. The site is adjacent to historic barns and other structures that are in neighboring parcels.

D A T E S

Absolute dates

Dating methods

_____ Laboratory _____
 Relative dates _____ References _____

S K E T C H M A P O F S I T E

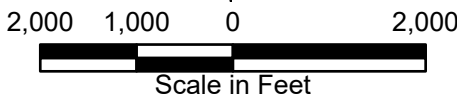
Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

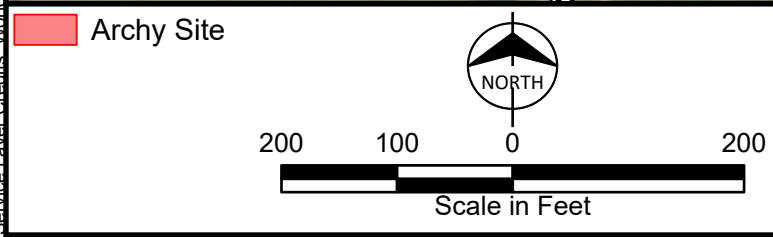
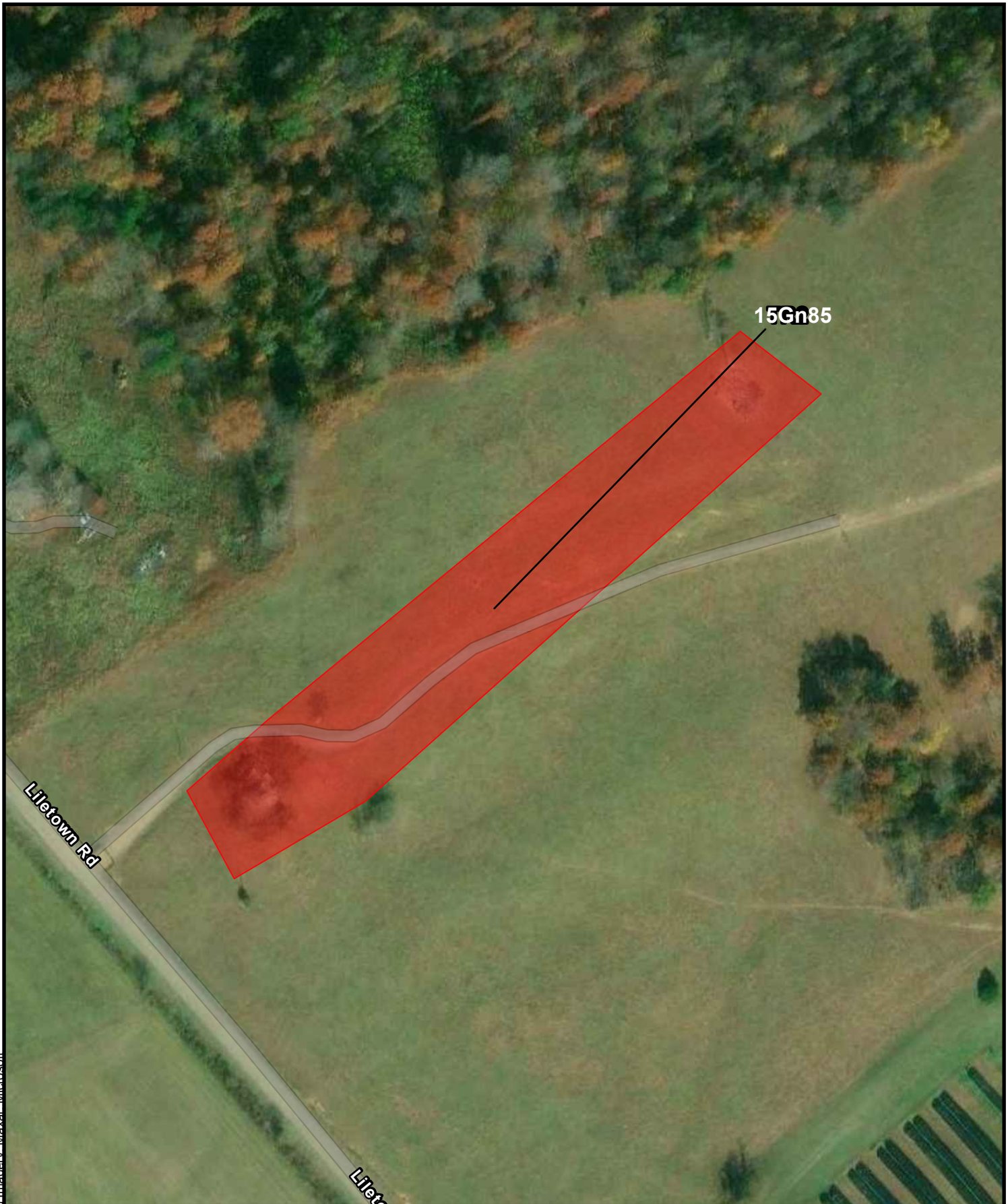


 Archy Site



15Gn85
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

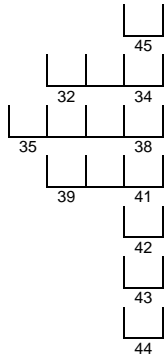
Path: C:\Users\ggordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery, Maxar, Microsoft



15Gn85
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

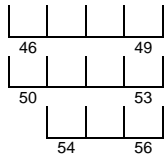
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- _____ Unassigned
- _____ Paleo-Indian, undefined _____ Early _____ Late
- _____ Archaic, undefined _____ Early _____ Middle _____ Late
- _____ Woodland, undefined _____ Early _____ Middle
- _____ Late Woodland/Mississippian
- _____ Historic Indian
- x Historic Non-Indian

2. Archaeological Cultures Represented



- _____ Adena _____ Hopewell _____ Ft. Ancient _____ Stone Grave
- _____ Mississippian _____ Cherokee _____ Pisgah _____ Lost River
- _____ Caborn-Welborn _____ Yankeetown _____ Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

The site's age was determined by examining topographic maps and historic aerial images.
The first available aerial image is from 1951 and the farmstead doesn't begin to appear
until 1955.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u>x</u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Abandoned residence, three outbuildings, and a barn

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 <u>x</u> 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u>x</u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Mowed grasses surrounded by woods and pasture

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|---|---------------------------------------|
| 1 <input checked="" type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		25	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		28	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		31	

8. Soil Association Crider silt loam, 2 to 6 percent slopes

Soil Series CrB

Soil Type Silt loam

Vegetation (*describe*) Pasture and woods

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32				35
				<input type="checkbox"/>
				36

9. Elevation 797 ft amsl

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---|-------------------------------|-------------------------------|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input checked="" type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 3,352

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|-------------------------------|---|
| 1 <input type="checkbox"/> no | 2 <input checked="" type="checkbox"/> yes |
|-------------------------------|---|

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38									45
									<input type="checkbox"/>
									47

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Little Barren River

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

53 55

Rank order of stream nearest site 3

Distance to water from site 2,445 m west

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (*surface survey, may include shovel tests*)
 2 intensive (*surface survey and testing*)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, Inga Fonder

Site surveyed by John Topi, Douglas Shaver, Thane Reid, Christa Wroblewski

Date recorded 11/11/2024

Time of day Morning Time spent at site 0.5-hour

60 62

4. Artifact Repository (*name and address where artifacts are curated*)

Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>5</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 ___ Inventory site (does not presently meet National Register criteria)
- 6 x National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-3 is an abandoned house and two outbuildings, and mid-twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from agriculture and the fact that the rest of the farmstead is extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

11. Special status (*federal, state, county, etc.*)

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

69

70

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-3 consists of structural materials from an abandoned house and two outbuildings, one partially collapsed outbuilding, and a barn. It measures approximately 361 feet by 123 feet. The only artifacts present were concrete blocks, wooden planks and wooden posts that were within the structures. The surrounding vegetation is pasture with a tree line along the site and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is from an outbuilding. The site is adjacent to historic barns and other structures that are in neighboring parcels.

D A T E S

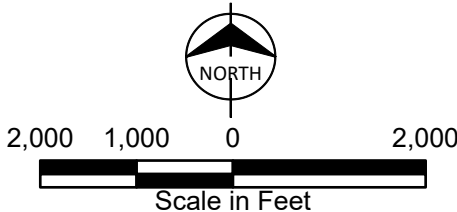
Absolute dates

Dating methods

3. _____



 Archy Site

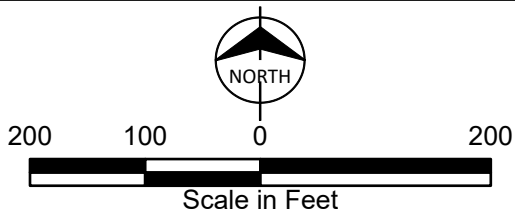


15Gn86
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn86
Archaeological Sites and
Shovel Test Results Exie
Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn87

Site Name _____

Other Site No. _____ Project Site No. TR-4

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4111202 (WGS84)

11							17

Easting 624781 (WGS84)

18							24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Davis Roger Dale & Jane Trust

Address and Phone

7890 Highway 218

Center, KY 42214

Tenant (if any)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the cemetery at the location.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u> x </u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|---------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 <u> x </u> cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u> x </u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|-------------------------------------|------------------------------|
| 1 <u> x </u> apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|------------------------------|-----------------------------------|
| 1 _____ cultivated | 8 <u> x </u> modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Mowed grasses surrounded by woods and pasture

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|---|---------------------------------------|
| 1 <input checked="" type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		28
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		31

8. Soil Association Crider silt loam, 2 to 6 percent slopes

Soil Series CrB

Soil Type Silt loam

Vegetation (*describe*) Mowed pasture

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32			35
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			36

9. Elevation 794 ft amsl

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--|-------------------------------|-------------------------------|
| 1 <input checked="" type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 117

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|-------------------------------|---|
| 1 <input type="checkbox"/> no | 2 <input checked="" type="checkbox"/> yes |
|-------------------------------|---|

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38									45
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46									47

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Little Barren River

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 3Distance to water from site 2,752 m west

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, Inga FonderSite surveyed by John Topi, Douglas Shaver, Thane Reid, Christa WroblewskiDate recorded 11/13/2024Time of day Afternoon Time spent at site 0.5-hour

58	59

60	62	

4. Artifact Repository (*name and address where artifacts are curated*)Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>2</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-4 is a cemetery, and early twentieth century cemeteries of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the cemetery does not possess high artistic value or associations with the work of a master. Disturbances from agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-4 consists of a fenced cemetery that is well-maintained. It measures approximately 103 feet by 93 feet. The only artifacts present were concrete blocks, wooden planks and wooden posts that were within the structures. The surrounding vegetation is pasture with a tree line along the site and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is fairly common for late nineteenth and early to mid-twentieth century farmsteads and the cemetery is modern. It is located immediately east of an abandoned house, and south and southwest of similar sized cemeteries. The site is also adjacent to historic barns and other structures that are in neighboring parcels.

D A T E S

Absolute dates

Dating methods

 _____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

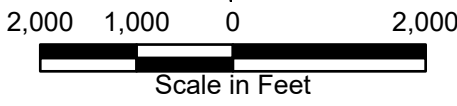


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

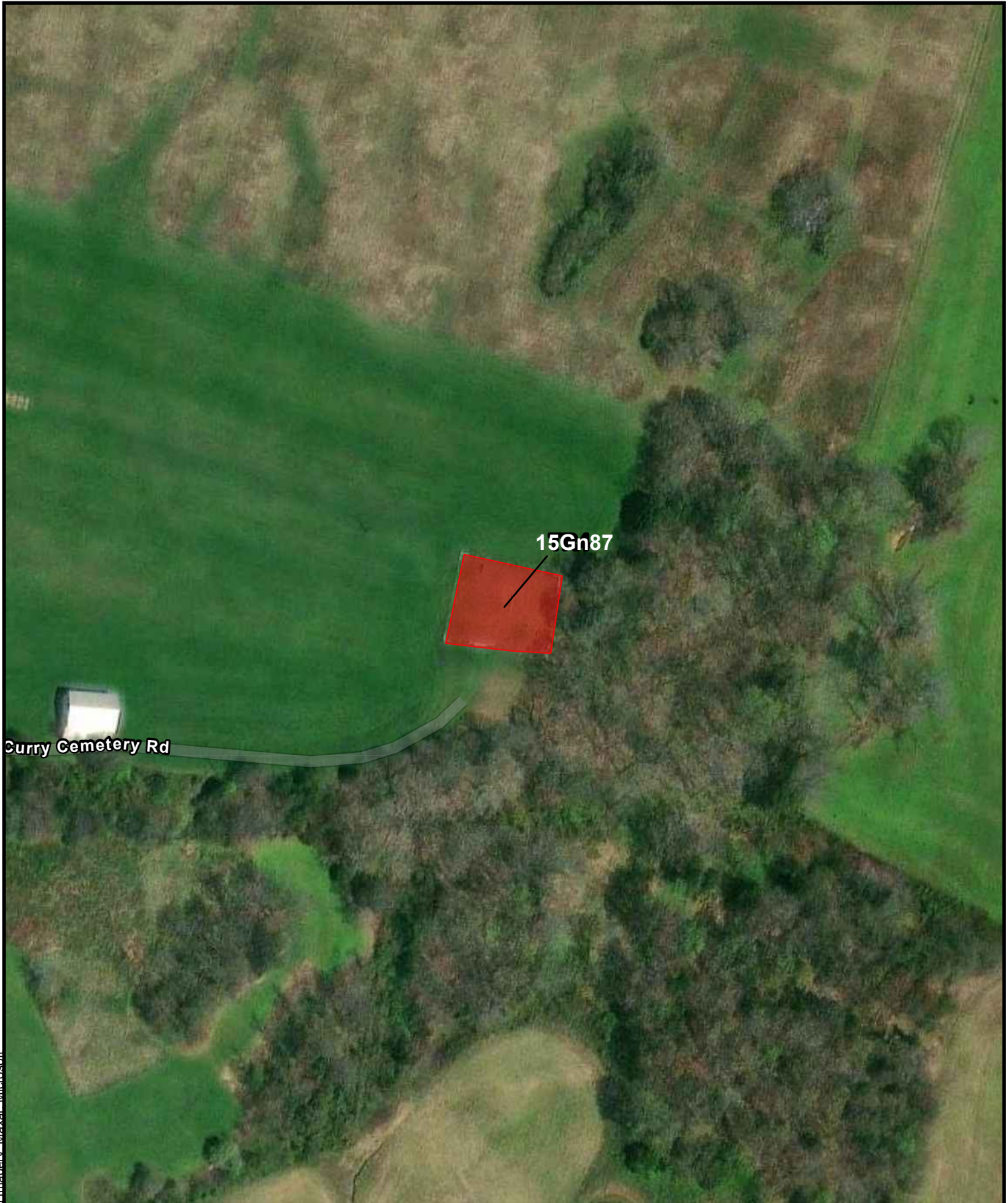






 Archy Site



15Gn87
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Source Layer Credits: World Imagery - Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> 200 100 0 200 Scale in Feet</p>		<p>15Gn87 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
---	--	---

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn88

Site Name _____

Other Site No. _____ Project Site No. TR-5

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4111807 (WGS84)

11							17

Easting 627258 (WGS84)

18							24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Albert Sutton, Freda Sutton

Address and Phone

2091 Mount Lebanon Church Rd

Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the structures at the location.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8 9

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u>x</u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Abandoned residence, water pump, and two outbuildings

PHYSICAL DESCRIPTION

10 11

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |
-

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u>x</u> 51-75% disturbed | |

17 18

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|-------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 _____ 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Woods/forest with fallen tree limbs, brush and foliage

20

7. Physiographic Division

- | | |
|----------------------------|---|
| 1 _____ Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---|--------------------|
| 1 <input checked="" type="checkbox"/> level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 _____ slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

<input type="checkbox"/> 23	<input type="checkbox"/> 25
<input type="checkbox"/> 26	<input type="checkbox"/> 28
<input type="checkbox"/> 29	<input type="checkbox"/> 31

8. Soil Association Newark silt loam

Soil Series Ne

Soil Type Silt loam

Vegetation (*describe*) Woods/forest

32

35

36

9. Elevation 787 ft amsl

Slope of Locality

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 _____ 26-50° |
| 2 _____ 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--|------------|------------|
| 1 <input checked="" type="checkbox"/> Flat | 4 _____ E | 7 _____ SW |
| 2 _____ N | 5 _____ SE | 8 _____ W |
| 3 _____ NE | 6 _____ S | 9 _____ NW |

37

10. Site Area (m²) 797

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

- | | |
|------------|---|
| 1 _____ no | 2 <input checked="" type="checkbox"/> yes |
|------------|---|

38

45

46

47

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Little Barren River

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (historic sites only) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (historic sites only) |

53 55

Rank order of stream nearest site 3

Distance to water from site 5,061 m west

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
 2 intensive (surface survey and testing)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, Inga Fonder

Site surveyed by John Topi, Douglas Shaver, Thane Reid, Christa Wroblewski

Date recorded 11/11/2024

Time of day Afternoon Time spent at site 0.5-hour

60 62

4. Artifact Repository (name and address where artifacts are curated)

Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>4</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-5 is an abandoned house and two outbuildings, and early twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

Relative dates _____ References _____

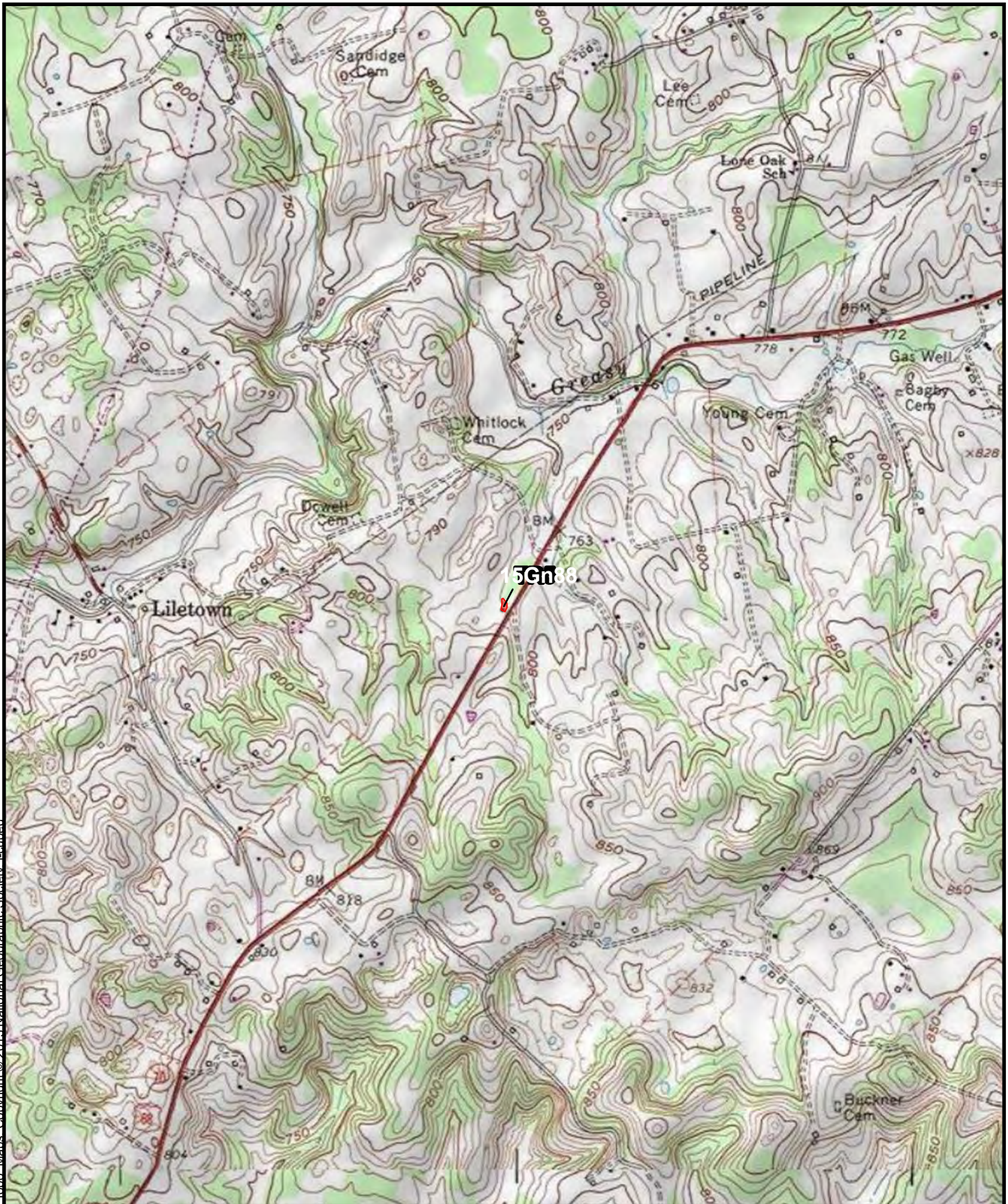
S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

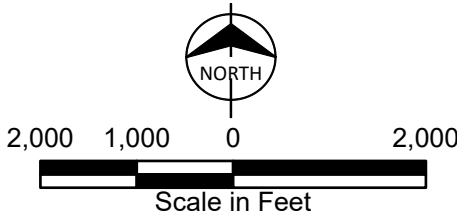


Directions to Site

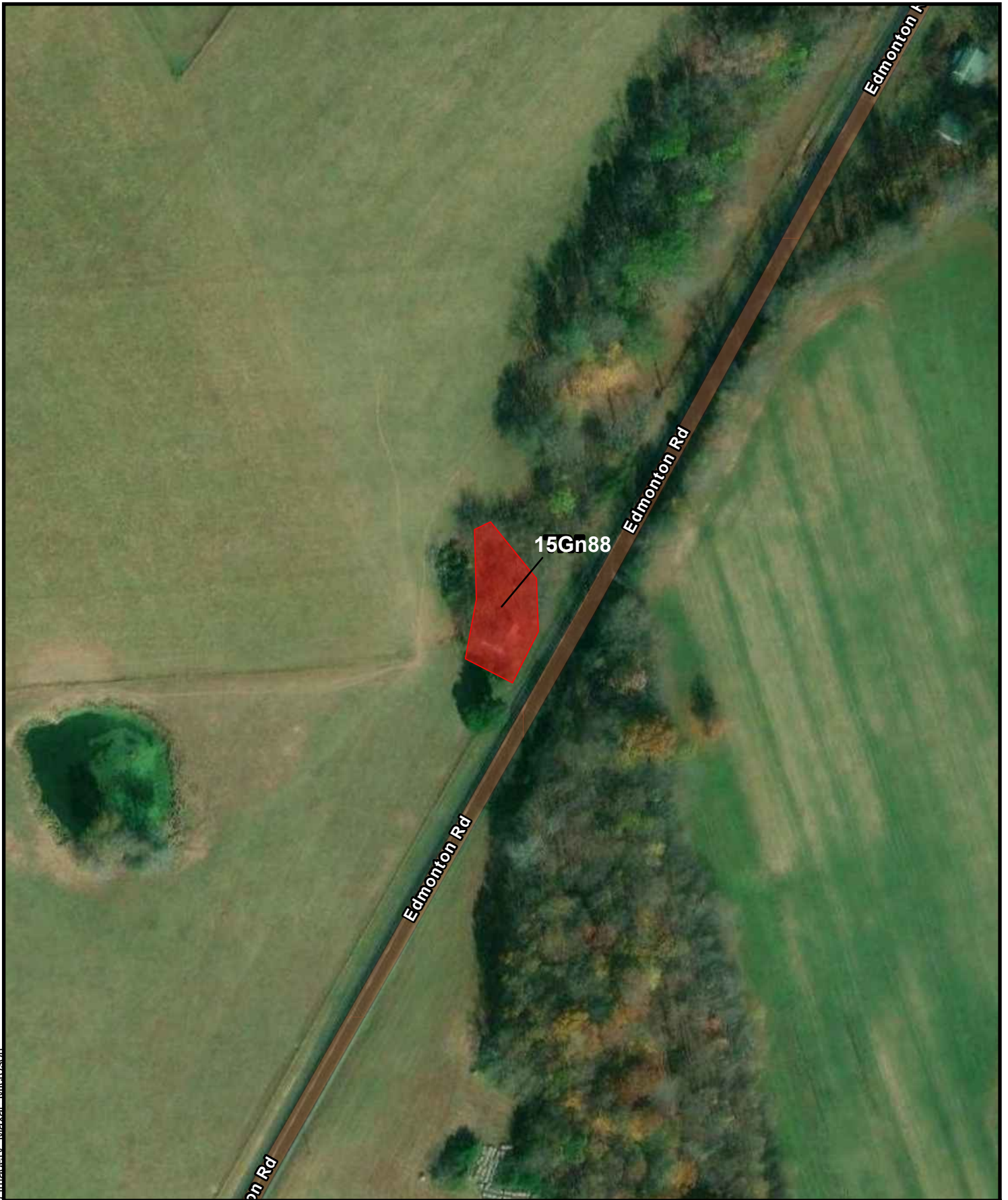
	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____



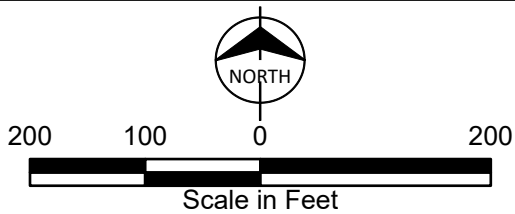
 Archy Site



15Gn88
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY



 Archy Site



15Gn88
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn89

Site Name _____

Other Site No. _____ Project Site No. TR-6

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4110039 (WGS84)

11							17

Easting 626083 (WGS84)

18							24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Richard Jamie

Address and Phone

411 Oak St

Cincinnati, OH 45219

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the residences at the location.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

None

8 9

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u> x </u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Abandoned and collapsing residences.

PHYSICAL DESCRIPTION

10 11

1. Site Type

- | | |
|--------------------------------------|---------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u> x </u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u> x </u> 51-75% disturbed | |

17 18

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u> x </u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u> x </u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|-------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 _____ poor |
| 2 _____ 11-50% | 6 _____ fair |
| 3 _____ 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Woods/forest with cultivated agricultural fields

20

7. Physiographic Division

- | | |
|----------------------------|---|
| 1 _____ Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|---|
| 1 _____ floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---------------------|---|
| 1 _____ level | 5 _____ bluff base |
| 2 _____ knoll | 6 _____ ridge |
| 3 _____ closed | 7 <input checked="" type="checkbox"/> slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

<input type="checkbox"/> 23	<input type="checkbox"/> 25
<input type="checkbox"/> 26	<input type="checkbox"/> 28
<input type="checkbox"/> 29	<input type="checkbox"/> 31

8. Soil Association Frederick silt loam, 6 to 12 percent

Soil Series FrC

Soil Type Silt loam

Vegetation (*describe*) Woods/forest and cultivation

32

35
 36

9. Elevation 814 ft amsl

Slope of Locality

- | | |
|--|--|
| 1 _____ less than 5°, flat | 4 _____ 26-50° |
| 2 <input checked="" type="checkbox"/> 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 <input checked="" type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|--|------------|
| 1 _____ Flat | 4 _____ E | 7 _____ SW |
| 2 _____ N | 5 <input checked="" type="checkbox"/> SE | 8 _____ W |
| 3 _____ NE | 6 <input checked="" type="checkbox"/> S | 9 _____ NW |

37

10. Site Area (m²) 2,733

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

- | | |
|------------|---|
| 1 _____ no | 2 <input checked="" type="checkbox"/> yes |
|------------|---|

38

45
 46 47

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Little Barren River

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

53 55

Rank order of stream nearest site 3

Distance to water from site 3,275 m west, southwest

R E P O R T I N G I N F O R M A T I O N

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (*surface survey, may include shovel tests*)
 2 intensive (*surface survey and testing*)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, Inga Fonder

Site surveyed by John Topi, Douglas Shaver, Thane Reid, Christa Wroblewski

Date recorded 11/13/2024

Time of day Afternoon Time spent at site 0.5-hour

60 62

66 67

4. Artifact Repository (*name and address where artifacts are curated*)

Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>1</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 ___ Inventory site (does not presently meet National Register criteria)
- 6 x National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-6 is an abandoned house, and early twentieth century structures of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structure is in disrepair and has been modified. Disturbances from agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References
- Shaver, Douglas
 - 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-6 consists of a two-story abandoned house and measures approximately 205 feet by 138 feet. The only artifacts present were structural components such as wooden planks and shingles that were within the structure. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels, and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is an abandoned residence. The site is adjacent to historic barns and other structures that are in neighboring parcels.

D A T E S

Absolute dates

Dating methods

_____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

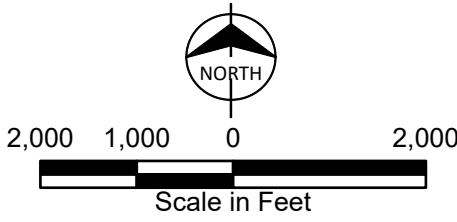


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____



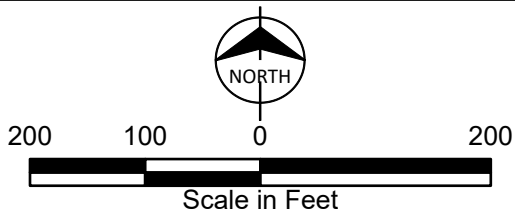
 Archy Site



15Gn89
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY



 Archy Site



15Gn89
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn90

Site Name _____

Other Site No. _____ Project Site No. TR-7

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4111811 (WGS84)

11							17

Easting 625298 (WGS84)

18							24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Davis Roger Dale & Jane Trust

Address and Phone

7890 Highway 218

Center, KY 42214

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the structures at the location.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u>x</u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Abandoned residence, standing barn, and Outbuildings.

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u>x</u> 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u>x</u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- 1 less than 10%
- 2 _____ 11-50%
- 3 _____ 51-91%
- 4 _____ 91-100%
- 5 poor
- 6 _____ fair
- 7 _____ good
- 8 _____ excellent

Describe visibility Woods/forest surrounded by pasture and cultivation

20

7. Physiographic Division

- 1 _____ Inner Bluegrass
- 2 _____ Outer Bluegrass
- 3 _____ Knobs
- 4 _____ Cumberland Plateau
- 5 Mississippi Plateau
- 6 _____ Western Coalfields
- 7 _____ Jackson Purchase

Landform Type

- 1 _____ floodplain
- 2 terrace
- 3 _____ hillside
- 4 dissected uplands
- 5 _____ undissected uplands
- OTHER _____

Locality Type

- 1 level
- 2 _____ knoll
- 3 _____ closed
- 4 _____ bluff crest
- 5 _____ bluff base
- 6 _____ ridge
- 7 _____ slope
- OTHER _____

21

22

23 25

26 28

29 31

8. Soil Association Elk silt loam, 2 to 6 percent slopes; Elk silt loam, 6 to 12 percent slopes

Soil Series EiB; EiC

Soil Type Silt loam

Vegetation (*describe*) Woods/, pasture and cultivation

32 35

36

9. Elevation 728 ft amsl

Slope of Locality

- 1 less than 5°, flat
- 2 6-10°
- 3 _____ 11-25°
- 4 _____ 26-50°
- 5 _____ greater than 51° bluff (rockshelter)

Slope Direction (*Aspect*)

- 1 _____ Flat
- 2 _____ N
- 3 _____ NE
- 4 _____ E
- 5 _____ SE
- 6 S
- 7 _____ SW
- 8 _____ W
- 9 _____ NW

37

10. Site Area (m²) 4,214

Basis for site area estimate

- 1 _____ taped
- 2 _____ paced
- 3 _____ guessed
- 4 _____ range
- 5 _____ transit/alidade
- 6 GPS

Confident of site boundaries:

- 1 _____ no
- 2 yes

38 45

46 47

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Greasy Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 2Distance to water from site 80 m west

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, Inga FonderSite surveyed by John Topi, Douglas Shaver, Thane Reid, Christa WroblewskiDate recorded 11/12/2024Time of day Afternoon Time spent at site 0.5-hour

58	59

60	62	

4. Artifact Repository (*name and address where artifacts are curated*)Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66	67

5. Photos

 black/white no. of pictures color 5 no. of pictures

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 ___ Inventory site (does not presently meet National Register criteria)
- 6 x National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-7 is an abandoned house, a barn, and an outbuilding, and early to mid-twentieth century structures of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structure is in disrepair and has been modified. Disturbances from agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

11. *Special status (federal, state, county, etc.)*

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

69

70

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-7 consists of a two-story abandoned house, a standing barn, and a collapsed outbuilding and measures approximately 450 feet by 145 feet. The only artifacts present were structural components, wooden planks and sheet metal that were within the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels, and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is an abandoned residence. The site is adjacent to historic barns and other structures that are in neighboring parcels.

D A T E S

Absolute dates

Dating methods

_____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

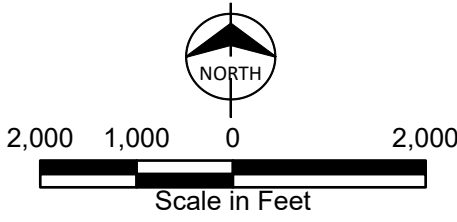


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

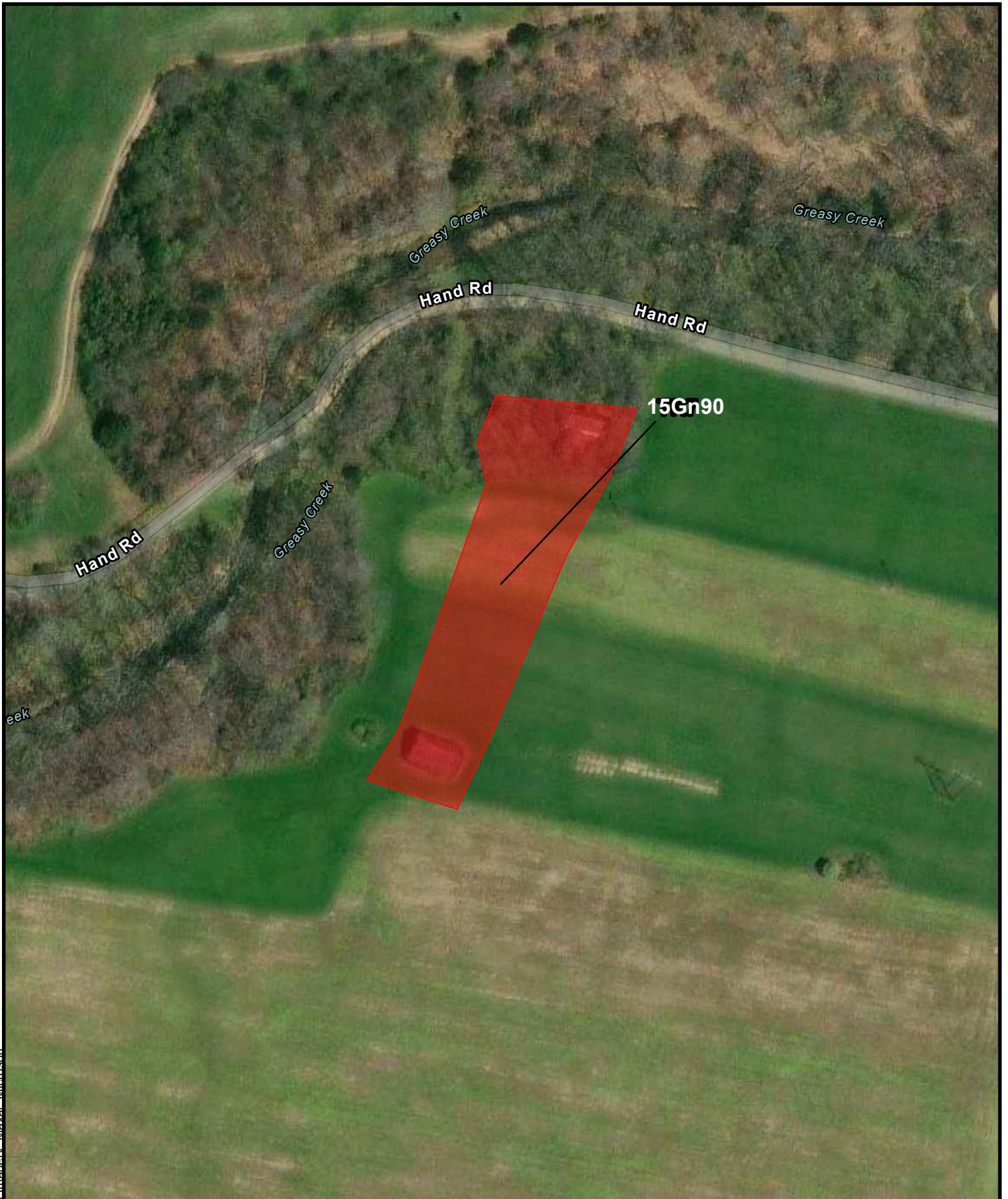


 Archy Site

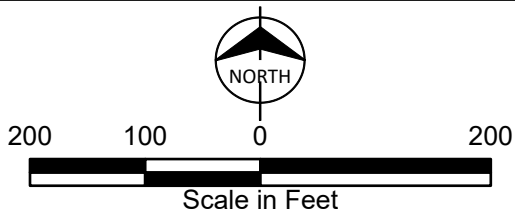


15Gn90
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



 Archy Site



15Gn90
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
 Paleo-Indian, undefined Early Late
 Archaic, undefined Early Middle Late
 Woodland, undefined Early Middle
 Late Woodland/Mississippian
 Historic Indian
 Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
 Mississippian Cherokee Pisgah Lost River
 Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps and historic aerial images.

The first available aerial image is from 1951 and shows the structures at the location.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u> x </u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected Collapsing residence, barn, and outbuilding Foundation.

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|---------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u> x </u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|-------------------------------|
| 1 _____ apparently undisturbed | 5 <u> x </u> 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u> x </u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u> x </u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- 1 less than 10%
- 2 _____ 11-50%
- 3 _____ 51-91%
- 4 _____ 91-100%
- 5 poor
- 6 fair
- 7 good
- 8 excellent

Describe visibility Woods/forest surrounded by brush and pasture

20

7. Physiographic Division

- 1 _____ Inner Bluegrass
- 2 _____ Outer Bluegrass
- 3 _____ Knobs
- 4 _____ Cumberland Plateau
- 5 Mississippi Plateau
- 6 _____ Western Coalfields
- 7 _____ Jackson Purchase

Landform Type

- 1 _____ floodplain
- 2 _____ terrace
- 3 _____ hillside
- 4 dissected uplands
- 5 _____ undissected uplands
- OTHER _____

Locality Type

- 1 _____ level
- 2 _____ knoll
- 3 _____ closed
- 4 _____ bluff crest
- 5 _____ bluff base
- 6 _____ ridge
- 7 slope
- OTHER _____

21

22

23 25
26 28
29 31

8. Soil Association Frederick silty clay loam, 12 to 20 percent slopes, severely eroded

Soil Series FsD3

Soil Type Silty clay loam

Vegetation (*describe*) Woods/forest and pasture

32 35

36

9. Elevation 761 ft amsl

Slope of Locality

- 1 _____ less than 5°, flat
- 2 6-10°
- 3 11-25°
- 4 _____ 26-50°
- 5 _____ greater than 51° bluff (rockshelter)

Slope Direction (*Aspect*)

- 1 _____ Flat
- 2 N
- 3 _____ NE
- 4 _____ E
- 5 _____ SE
- 6 _____ S
- 7 _____ SW
- 8 _____ W
- 9 _____ NW

37

10. Site Area (m²) 11,745

Basis for site area estimate

- 1 _____ taped
- 2 _____ paced
- 3 _____ guessed
- 4 _____ range
- 5 _____ transit/alidade
- 6 GPS

Confident of site boundaries:

- 1 _____ no
- 2 yes

38 45

46 47

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Greasy Creek

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (historic sites only) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (historic sites only) |

53 55

Rank order of stream nearest site 2

Distance to water from site 390 m northwest

R E P O R T I N G I N F O R M A T I O N

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
 2 intensive (surface survey and testing)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, Inga Fonder

Site surveyed by John Topi, Douglas Shaver, Thane Reid, Christa Wroblewski

Date recorded 11/12/2024

Time of day Afternoon Time spent at site 0.5-hour

60 62

4. Artifact Repository (name and address where artifacts are curated)

Anthropology Center for Archaeology and Cultural Heritage (CACHE)

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>3</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 ___ Inventory site (does not presently meet National Register criteria)
- 6 x National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-8 is a collapsed structure, outbuilding, and a barn, and early twentieth century structures of this type are ubiquitous in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structure is in disrepair and has been modified. Disturbances from agriculture and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

11. *Special status (federal, state, county, etc.)*

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

69

70

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-8 consists of a collapsed structure, a standing barn, and a collapsed outbuilding foundation and measures approximately 881 feet by 756 feet. There is a pond located immediately to the south, southwest of the site, and the only artifacts present were structural components, wooden planks and sheet metal that were within the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in the farmstead and adjacent parcels, and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structures are an abandoned residence and outbuilding foundation. The site is adjacent to historic barns and other historic structures that are in neighboring parcels to the north, east, and west.

D A T E S

Absolute dates

Dating methods

_____ Laboratory _____
Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

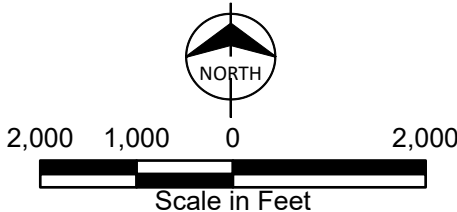


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____







 Archy Site



15Gn91
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> 200 100 0 200 Scale in Feet</p>		<p>15Gn91 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
---	--	---

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn92

Site Name _____

Other Site No. _____ Project Site No. TR-9

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112501 (WGS84)

11							17

Easting 627062 (WGS84)

18							24

2. Quadrangle Name Exie

25			27

Quadrangle Date 2022

28	29

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

30

OWNERSHIP

Name(s)

Jerry Todd Rogers, Donna Sue Rogers

Address and Phone

120 Whitlock Cemetery Road

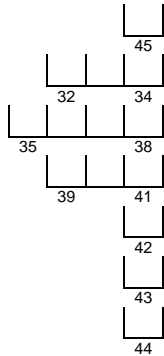
Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

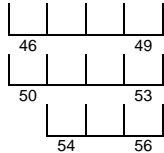
T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented



- _____ Unassigned
- _____ Paleo-Indian, undefined _____ Early _____ Late
- _____ Archaic, undefined _____ Early _____ Middle _____ Late
- _____ Woodland, undefined _____ Early _____ Middle
- _____ Late Woodland/Mississippian
- _____ Historic Indian
- x Historic Non-Indian

2. Archaeological Cultures Represented



- _____ Adena _____ Hopewell _____ Ft. Ancient _____ Stone Grave
- _____ Mississippian _____ Cherokee _____ Pisgah _____ Lost River
- _____ Caborn-Welborn _____ Yankeetown _____ Angel

OTHER (*describe*) _____

3. How were cultural affiliation and age determined (*describe diagnostic artifacts, type names, and attach outline drawings*)?

The site's age was determined by examining topographic maps and historic aerial images.
The first available aerial image is from 1951 and shows the woods at the location. Due to
the presence of the woods and the lack of cemetery visuals, it's determined the site
predates 1951.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (*describe*)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u> x </u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 <u> x </u> 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 <u> x </u> cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|-----------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u> x </u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|------------------------------|-----------------------------------|
| 1 _____ cultivated | 8 <u> x </u> modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u> x </u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- 1 less than 10%
- 2 _____ 11-50%
- 3 _____ 51-91%
- 4 _____ 91-100%
- 5 poor
- 6 _____ fair
- 7 _____ good
- 8 _____ excellent

Describe visibility Secondary growth and woods at overgrown cemetery

20

7. Physiographic Division

- 1 _____ Inner Bluegrass
- 2 _____ Outer Bluegrass
- 3 _____ Knobs
- 4 _____ Cumberland Plateau
- 5 Mississippi Plateau
- 6 _____ Western Coalfields
- 7 _____ Jackson Purchase

Landform Type

- 1 _____ floodplain
- 2 _____ terrace
- 3 _____ hillside
- 4 dissected uplands
- 5 _____ undissected uplands
- OTHER _____

Locality Type

- 1 level
- 2 _____ knoll
- 3 _____ closed
- 4 _____ bluff crest
- 5 _____ bluff base
- 6 _____ ridge
- 7 _____ slope
- OTHER _____

21

22

23 25
 26 28
 29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes

Soil Series CrB

Soil Type Silt loam

Vegetation (*describe*) Woods/forest and some pasture

32 35
 36

9. Elevation 791 ft amsl

Slope of Locality

- 1 less than 5°, flat
- 2 6-10°
- 3 _____ 11-25°
- 4 _____ 26-50°
- 5 _____ greater than 51° bluff (rockshelter)

Slope Direction (*Aspect*)

- 1 _____ Flat
- 2 _____ N
- 3 NE
- 4 E
- 5 SE
- 6 _____ S
- 7 _____ SW
- 8 _____ W
- 9 _____ NW

37

10. Site Area (m²) 610

Basis for site area estimate

- 1 _____ taped
- 2 _____ paced
- 3 _____ guessed
- 4 _____ range
- 5 _____ transit/alidade
- 6 GPS

Confident of site boundaries:

- 1 _____ no
- 2 yes

38 45
 46 47

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Greasy Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 2Distance to water from site 235 m northeast

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, Inga FonderSite surveyed by John Topi, Douglas Shaver, Thane Reid, Christa WroblewskiDate recorded 11/13/2024Time of day Afternoon Time spent at site 0.5-hour

58	59

60	62	

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

 black/white no. of pictures color 0 no. of pictures

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-9 is a cemetery, and late nineteenth to early twentieth century cemeteries of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods. The cemetery is not well maintained and has been modified. Disturbances from natural overgrowth and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References
- Shaver, Douglas
 - 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-9 consists of a poorly maintained cemetery that is located within the northern boundary of a forested area, and immediately southeast of a pond. It measures approximately 86 feet by 88 feet. The surrounding vegetation is woods/forest with pastures and cultivated agriculture further to the west and east and no other historic-age artifacts were identified. The cemetery includes secondary overgrowth and woods which indicate a lack of maintenance.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is fairly common for late nineteenth and early to mid-twentieth century farmsteads. It is located north of an abandoned house, and northeast of similar sized cemeteries. The site is adjacent to several historic barns and other historic structures that are in neighboring parcels further west and southwest.

D A T E S

Absolute dates


Dating methods

 _____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

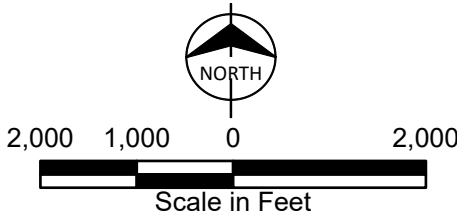


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

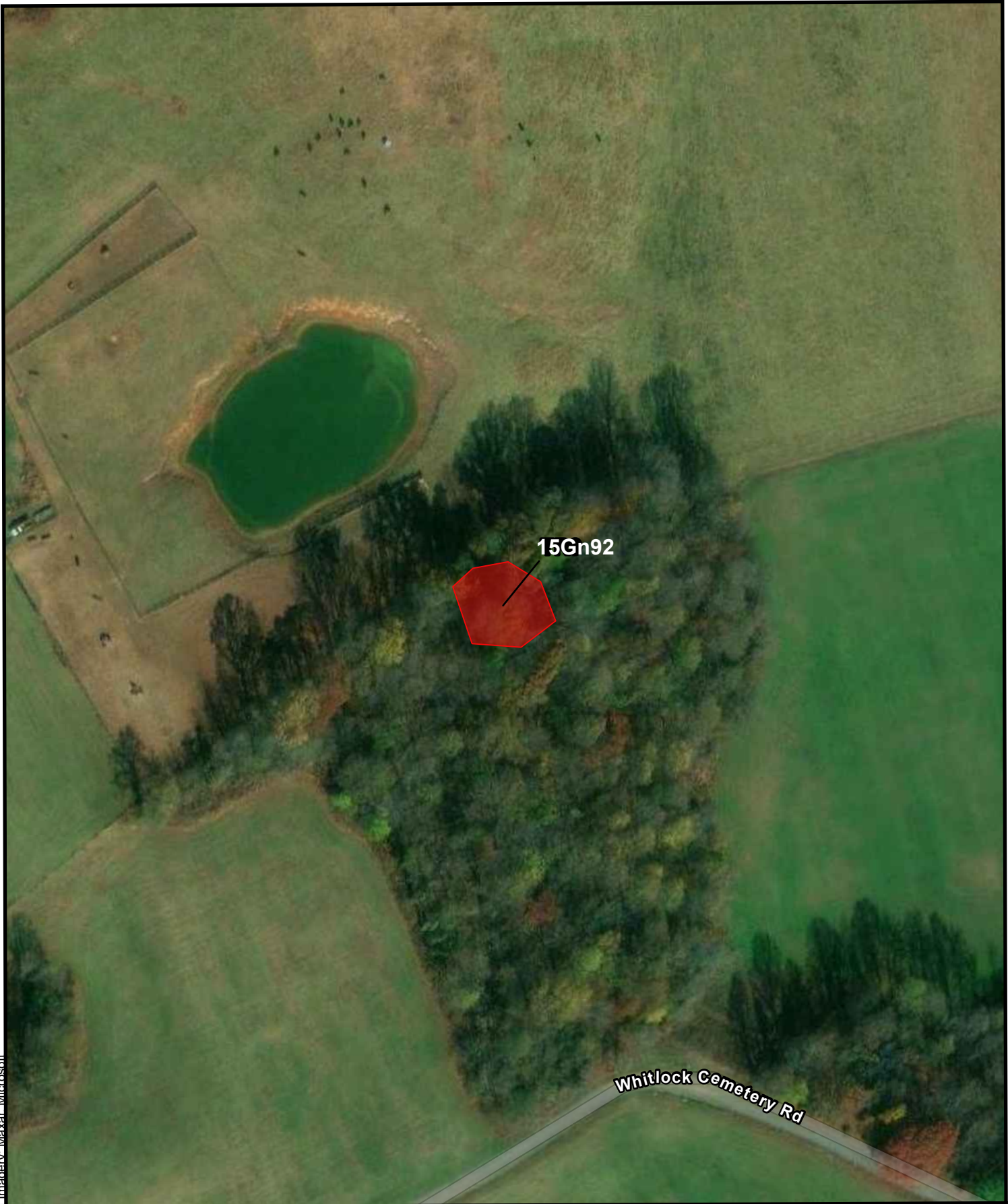


 Archy Site

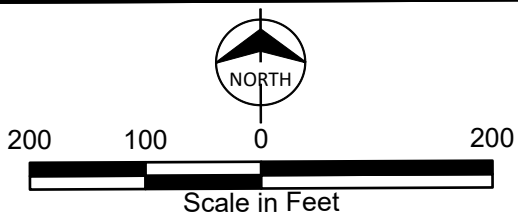


15Gn92
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Source Layer Credits: World Imagery: Maxar, Microsoft



 Archy Site



15Gn92
Archaeological Sites and
Shovel Test Results Exie
Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn93

Site Name _____

Other Site No. _____ Project Site No. TR-10

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112157

11									17

Easting 626720

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Edwin B. Froggett

Address and Phone

107 Quail Valley Dr, Greensburg, KY 42743

Tenant (if any)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

		45	
32	34		
35			38
	39		41
		42	
		43	
		44	

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by examining topographic maps, historic aerial images,
and with the legible dates of the cemetery's memorials. The oldest memorials are from the
mid to late 1870s with the latest dating to the first half of the twentieth century.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 <u>x</u> 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 <u>x</u> cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|---------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u>x</u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|----------------------------|-----------------------------------|
| 1 _____ cultivated | 8 <u>x</u> modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Secondary growth in cemetery area

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|--|---|
| 1 <input type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input checked="" type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25
26 28
29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes; Lowell-Caneyville silt loams, very rocky, 30 to 60 percent slopes

Soil Series CrB, LoF

Soil Type Silt loam

Vegetation (*describe*) Secondary growth, trees

32 35

36

9. Elevation 807 ft amsl

Slope of Locality

- | | |
|---|---|
| 1 <input type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input checked="" type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|-------------------------------|--|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input checked="" type="checkbox"/> NW |

37

10. Site Area (m²) 156

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input checked="" type="checkbox"/> GPS |

Confident of site boundaries:

48

38 45

46 47

1 _____ no 2 x yes

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Greasy Creek

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site 2Distance to water from site 65 m northwest

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by Doug Shaver, Christa Wroblewski, Thane Reid, John TopiDate recorded 11/13/2024Time of day Afternoon Time spent at site Half hour

58	59

60	62	

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input type="checkbox"/> color | <u>0</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 ___ National Register property
- 2 ___ Eligible for National Register
- 3 ___ Nominated to National Register by SHPO
- 4 ___ Considered eligible but not nominated by SHPO
- 5 x Inventory site (does not presently meet National Register criteria)
- 6 ___ National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-10 is a cemetery, and late nineteenth to early twentieth century cemeteries of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods. The cemetery is not well maintained and has been modified. Disturbances from natural overgrowth and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References
- Shaver, Douglas
 - 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 ___ federal
- 2 ___ state
- 3 ___ local government
- 4 ___ government
- 5 x private
- 6 ___ joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 ___ forest
- 2 ___ park
- 3 ___ wilderness
- 4 ___ wild river
- 5 ___ wildlife preserve
- 6 ___ nature preserve
- 7 ___ military preserve
- 8 _____

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-10 consists of a poorly maintained cemetery that is located within the southern boundary of a forested area, and along the north edge of Luther Dr also known as Whitlock Cemetery Rd. It measures approximately 61 feet by 33 feet. The surrounding vegetation is woods/forest with secondary growth and cultivated agriculture further to the east and south. No other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is fairly common for late nineteenth and early to mid-twentieth century farmsteads. It is located northwest and northeast of standing and abandoned structures and is northeast and southwest of similar sized cemeteries. The site is adjacent to several historic barns and other historic structures that are in neighboring parcels further west and southwest.

D A T E S

Absolute dates _____

Dating methods _____

_____ Laboratory _____

Relative dates _____

References _____

SKETCH MAP OF SITE

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

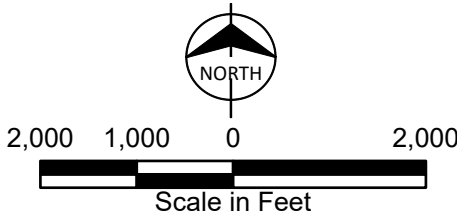


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

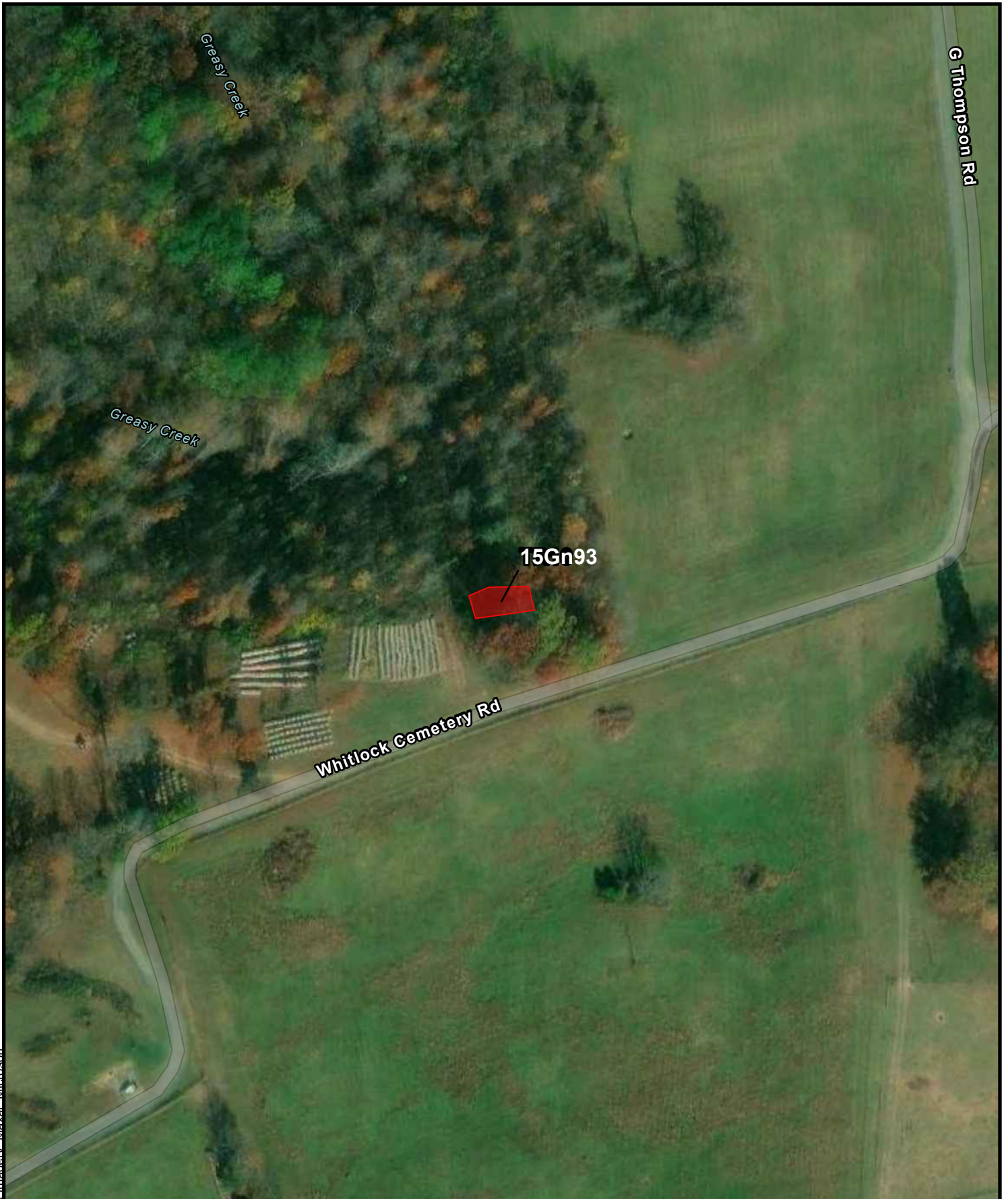


 Archy Site

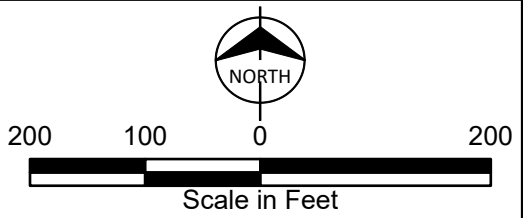


15Gn93
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn93
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

		45	
32	34		
35		38	
	39		41
		42	
		43	
		44	

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined by using topographic maps and aerial images. The first available aerial image is from 1951 and shows the farmstead at the location. A barn or outbuilding to the northeast was demolished between 1955 and 1958. The home, closer to the road, is in disrepair and appears to be collapsing.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u>x</u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |
-
-

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|---------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u>x</u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u>x</u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Poor, yard and pasture grasses and patches of woods

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> floodplain | 4 <input type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|---|---------------------------------------|
| 1 <input checked="" type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		28
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		31

8. Soil Association Elk silt loam, 2 to 6 percent slopes; Newark silt loam

Soil Series EIB, Ne

Soil Type Silt loam

Vegetation (*describe*) Grasses, sections of woods

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32			35
	<input type="checkbox"/>		
	36		

9. Elevation _____

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--|-------------------------------|-------------------------------|
| 1 <input checked="" type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 4,661

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|-------------------------------|---|
| 1 <input type="checkbox"/> no | 2 <input checked="" type="checkbox"/> yes |
|-------------------------------|---|

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38									45
	<input type="checkbox"/>		<input type="checkbox"/>						
	46		47						

48

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Greasy Creek

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input type="checkbox"/> lake/pond (historic sites only) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (historic sites only) |

53 55

Rank order of stream nearest site 2

Distance to water from site 10 m north

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
 2 amateur
 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
 2 intensive (surface survey and testing)
 3 excavated
 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, John Topi

Site surveyed by Doug Shaver, Christa Wroblewski, Thane Reid, John Topi

Date recorded 11/13/2024

Time of day Afternoon Time spent at site Half hour

60 62

66 67

4. Artifact Repository (name and address where artifacts are curated)

No artifacts collected

Name of curator at repository

Thomas Jennings

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>2</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
 2 Eligible for National Register
 3 Nominated to National Register by SHPO
 4 Considered eligible but not nominated by SHPO
 5 Inventory site (does not presently meet National Register criteria)
 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-11 is an abandoned house and outbuilding, and early twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from abandonment and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal 3 local government 5 private
 2 state 4 government 6 joint state/federal

11. *Special status (federal, state, county, etc.)*

- 1 forest 5 wildlife preserve
 2 park 6 nature preserve
 3 wilderness 7 military preserve
 4 wild river 8 _____

69

70

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-11 consists of structural construction from an abandoned house and an outbuilding. It measures approximately 295 feet by 222 feet, and the only artifacts present were a wheeled cart, wooden planks and miscellaneous metal that were within or immediately next to the structures. The surrounding vegetation is woods/forest with pastures and cultivated agriculture in adjacent parcels and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the structures are from an old residence and an outbuilding similar to other sites in the area. The site is surrounded by historic barns, abandoned residences, and other structures of similar size that are in neighboring parcels.

D A T E S

Absolute dates _____

Dating methods _____

_____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

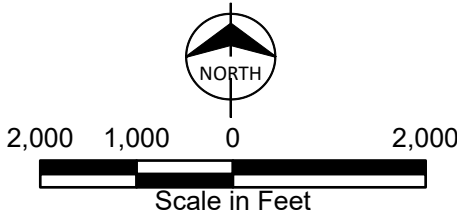
Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

**Directions to Site**

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____





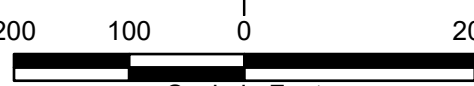

 Archy Site



15Gn94
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> 200 100 0 200 Scale in Feet</p>		<p>15Gn94 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
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Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn95

Site Name _____

Other Site No. _____ Project Site No. TR-12

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112411

11									17

Easting 625359

18									24

25			27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Grady and Elizabeth Thompson

Address and Phone

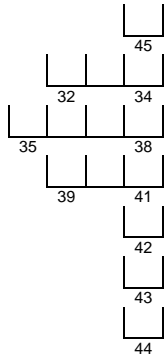
356 Grady Thompson Lane, Greensburg, KY 42743

Tenant (if any)

Address and Phone

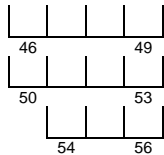
TEMPORAL - CULTURAL AFFILIATIONS

1. Cultural Periods Represented



- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented



- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The site's age was determined from topographic maps and aerial images. A farmstead is visible on the earliest aerial image for the area, 1951 (NETR 2024). It is also present on the First available topographic map, from 1953 (USGS 1953). It appears the structures were dismantled between 1983 and 1998, according to additional aerial images.

Prehistoric materials collected: 0 total number of items

Type	Number		
ceramics	_____	other scrapers	_____
projectile points/fragments	_____	flakes/cores/chunks	_____
hafted scrapers/drills	_____	ground/pecked/battered	_____
other drills	_____	stone	_____
Bifaces/fragments	_____	worked bone/shell	_____
unifaces	_____	human bone/burials	_____
perforators/gravers	_____	faunal materials	_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 <u>x</u> 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u>x</u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 <u>x</u> 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Poor within the woods

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|--|---|
| 1 <input type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input checked="" type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25
26 28
29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes; Frederick silt loam, 6 to 12 percent slopes

Soil Series CrB, FrC

Soil Type Silt loam

Vegetation (*describe*) Forested, small portion of east boundary in cultivated field

32 35

36

9. Elevation 793 ft amsl

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|-------------------------------|--|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input checked="" type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 995

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input checked="" type="checkbox"/> GPS |

Confident of site boundaries:

38 45

46 47

48

1 _____ no 2 x yes

49	50

11. Drainage

- | | | |
|------------------------|---|---------------------|
| 1 ___ Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 ___ Kentucky |
| 2 ___ Tennessee | 7 ___ Western Ohio | 12 ___ Licking |
| 3 ___ Lower Cumberland | 8 ___ Central Ohio | 13 ___ Little Sandy |
| 4 ___ Upper Cumberland | 9 ___ Eastern Ohio | 14 ___ Big Sandy |
| 5 ___ Tradewater | 10 ___ Salt | 15 ___ Tygarts |

51

Closest Water Source (*name*) Pond

- | | |
|---------------------------|--|
| 1 ___ permanent stream | 4 ___ intermittent spring |
| 2 ___ intermittent stream | 5 <input checked="" type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 ___ permanent spring | 6 ___ slough/oxbow lake |
| | 7 ___ well (<i>historic sites only</i>) |

Rank order of stream nearest site N/ADistance to water from site 90 m south

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 ___ amateur |
| 3 ___ other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 ___ intensive (<i>surface survey and testing</i>) |
| 3 ___ excavated |
| 4 ___ volunteered |

57

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by John Topi and Thane ReidDate recorded 11/14/2024Time of day Morning Time spent at site Half hour

58	59

60		62

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

- | | |
|---|----------------------------|
| <u> </u> black/white | <u> </u> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>1</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

69

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-12 is an outbuilding foundation, and early to mid-twentieth century structures of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structure is in disrepair and has been modified. Disturbances from abandonment and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

70

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

71

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-12 consists of structural materials from a partial outbuilding foundation. It measures approximately 6 feet by 7 feet. The only artifacts present were concrete blocks and drainage tile that were within the structure. The surrounding vegetation is woods/forest with some cultivated agriculture in adjacent parcels and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

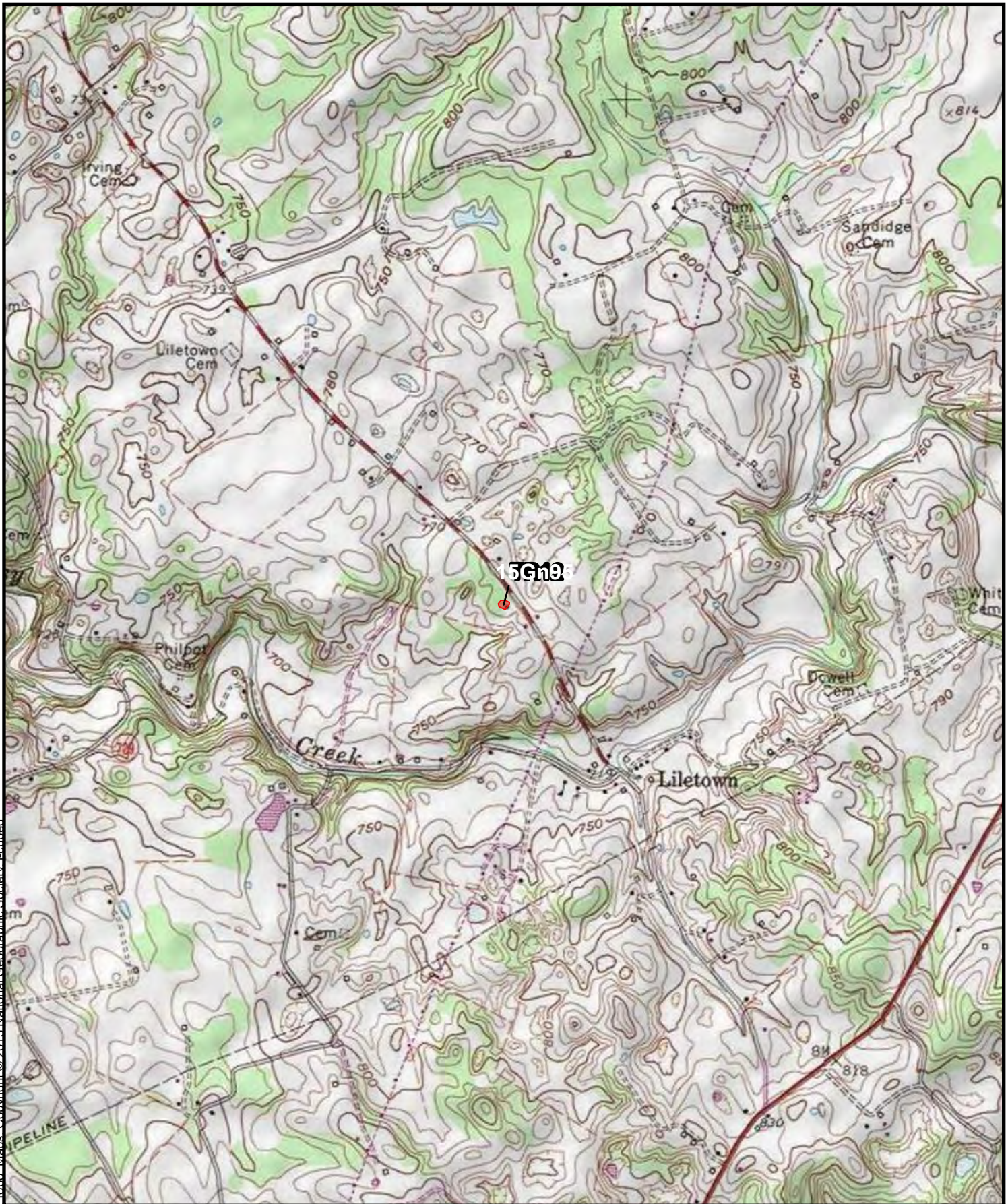
The site is partially collapsed and is common for early to mid-twentieth century structures and the collapsed structure is from an outbuilding similar to other ones in the area. The site is surrounded by historic barns, abandoned residences, and other structures of similar and greater size that are in neighboring parcels.

D A T E S

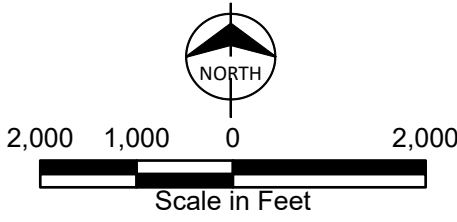
Absolute dates

Dating methods

3.

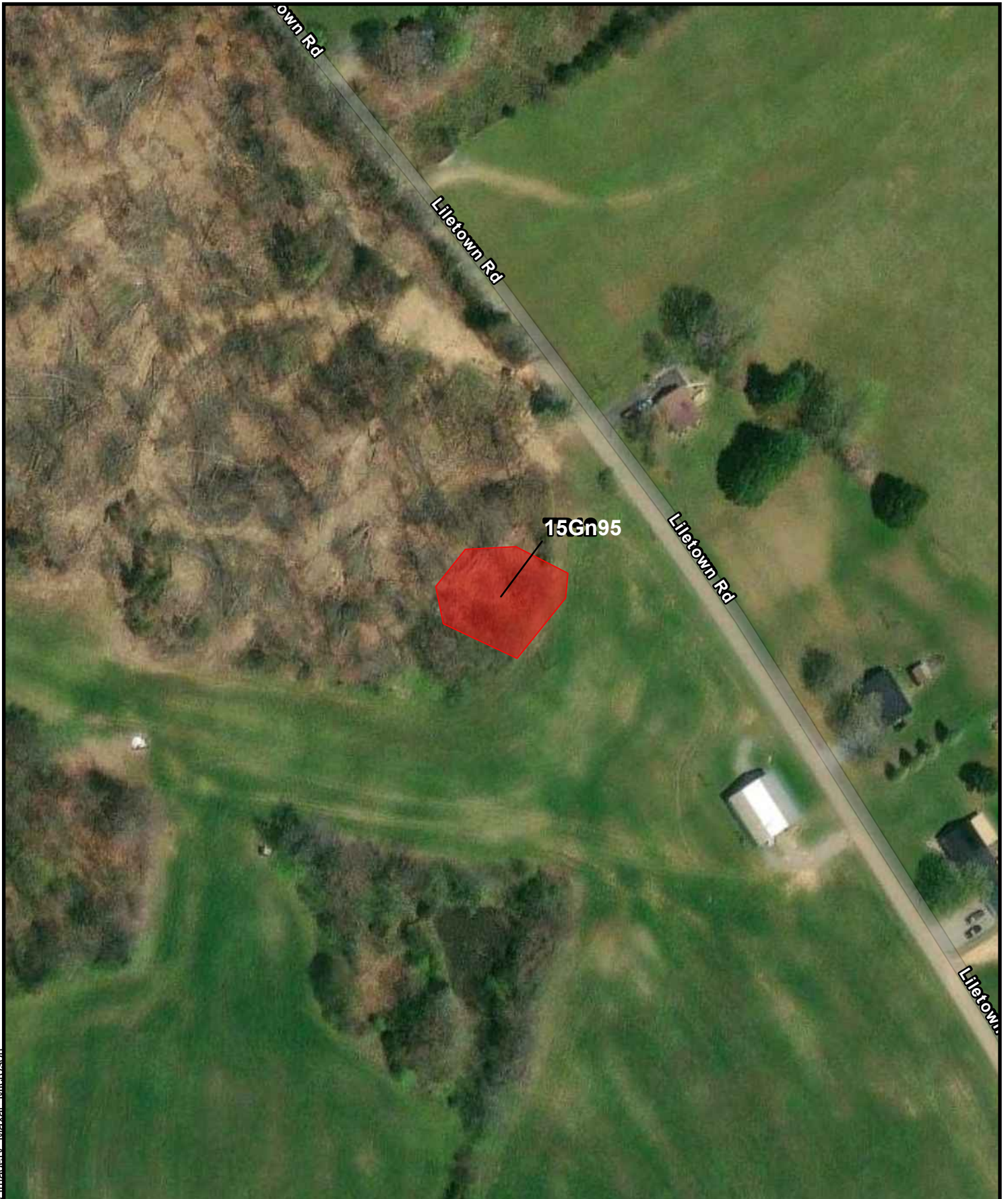


 Archy Site

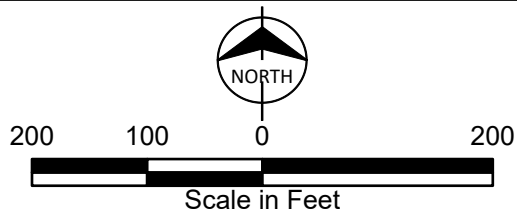


15Gn95
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn95
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn96

Site Name _____

Other Site No. _____ Project Site No. TR-13

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112670

11									17

Easting 624886

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

JV, Roberta, and Vanda Lile

Address and Phone

4743 Little Barren Rd, Greensburg, KY 42743

Tenant (if any)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

		45	
32	34		
35		38	
	39		41
			42
			43
			44

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The age was determined from topographic maps and aerial images. The farmstead is first included on the 1961 topo for the area and is first visible on 1983 aerial imagery. It is visible until 2016.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u>x</u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|---------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u>x</u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|------------------------------------|
| 1 _____ cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 <u>x</u> pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 <u>x</u> scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | Other _____ |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Pasture surrounded by secondary growth and tree lines

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|--|---|
| 1 <input type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input checked="" type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25
26 28
29 31

8. Soil Association Frederick silt loam, 6 to 12 percent slopes; Frederick silty clay loam, 12 to 20 percent slopes, severely eroded

Soil Series FrC, FsD3

Soil Type Silt loam, silty clay loam

Vegetation (*describe*) Pasture, tree line, secondary growth

32 35

36

9. Elevation 774 ft amsl

Slope of Locality

- | | |
|---|---|
| 1 <input type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input checked="" type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|--|-------------------------------|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input checked="" type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

38 45

46 47

10. Site Area (m²) 4,394

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input checked="" type="checkbox"/> GPS |

Confident of site boundaries:

48

1 _____ no 2 x yes

49	50

11. Drainage

- | | | |
|------------------------|---|---------------------|
| 1 ___ Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 ___ Kentucky |
| 2 ___ Tennessee | 7 ___ Western Ohio | 12 ___ Licking |
| 3 ___ Lower Cumberland | 8 ___ Central Ohio | 13 ___ Little Sandy |
| 4 ___ Upper Cumberland | 9 ___ Eastern Ohio | 14 ___ Big Sandy |
| 5 ___ Tradewater | 10 ___ Salt | 15 ___ Tygarts |

51

Closest Water Source (*name*) Unnamed intermittent stream

- | | |
|---|--|
| 1 ___ permanent stream | 4 ___ intermittent spring |
| 2 <input checked="" type="checkbox"/> intermittent stream | 5 ___ lake/pond (<i>historic sites only</i>) |
| 3 ___ permanent spring | 6 ___ slough/oxbow lake |
| | 7 ___ well (<i>historic sites only</i>) |

Rank order of stream nearest site 3Distance to water from site 110 m southeast

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 ___ amateur |
| 3 ___ other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 ___ intensive (<i>surface survey and testing</i>) |
| 3 ___ excavated |
| 4 ___ volunteered |

57

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by Doug Shaver, Christa WroblewskiDate recorded 11/14/2024Time of day Morning Time spent at site Half hour

58	59

60		62

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67

5. Photos

 black/white no. of pictures x color 5 no. of pictures

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-13 is an abandoned house and a foundation, and mid-twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from abandonment and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-13 consists of structural construction from an abandoned house, one brick and one concrete foundation. It measures approximately 230 feet by 185 feet. The only artifacts present were debris, wooden planks, bricks and miscellaneous metal that were within the structures. The surrounding vegetation is woods/forest with pastures and secondary overgrowth, as well as agricultural cultivation north of the site in adjacent parcels. No other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

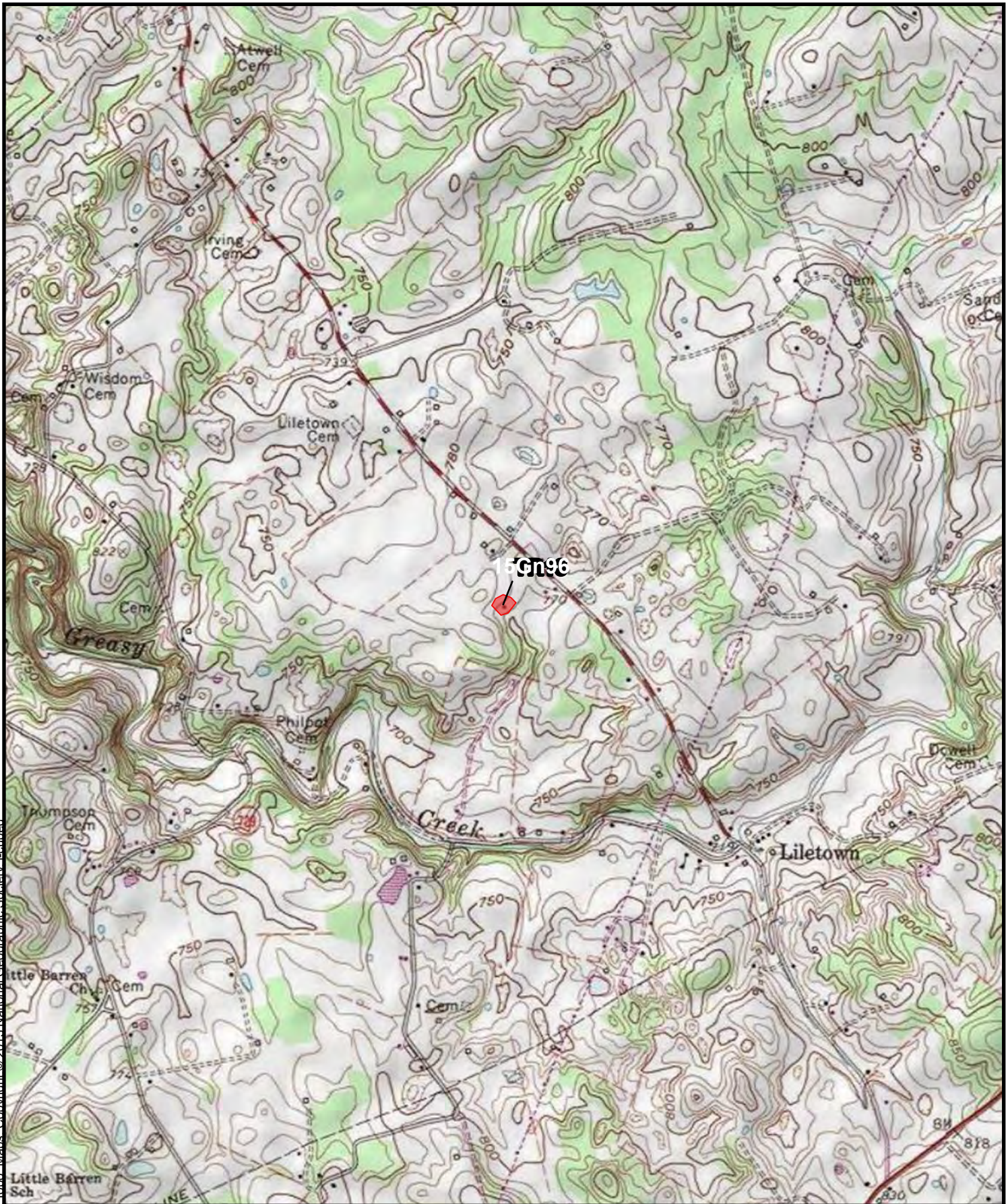
The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structures are from an old residence and partially standing foundations similar to other sites in the area. The site is approximately 550 feet southwest of TR13, and is surrounded by historic barns, abandoned residences, and other structures of similar size that are in neighboring parcels.

D A T E S

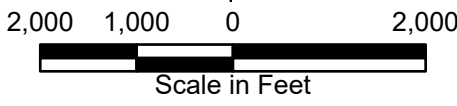
Absolute dates

Dating methods

3.



 Archy Site







Scale in Feet



15Gn96
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery: Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> 200 100 0 200 Scale in Feet</p>		<p>15Gn96 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
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Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn97

Site Name _____

Other Site No. _____ Project Site No. TR-14

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone _____ if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4112852

11									17

Easting 625035

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Vanda Lile, Lile Family Farms Trust

Address and Phone

4743 Little Barren Rd, Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

		45	
32	34		
35		38	
	39		41
			42
			43
			44

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The structure and farmstead are visible on the earliest topographic maps and aerial images from 1951 and 1953. It was almost certainly present before these dates.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 <u>x</u> 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u>x</u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|---------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 <u>x</u> disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|------------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 <u>x</u> scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | Other _____ |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Poor visibility, overgrown area with tree line and secondary growth

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|---|---------------------------------------|
| 1 <input checked="" type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

23 25

26 28

29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes; Dickson silt loam, 2 to 6 percent slopes

Soil Series CrB, DcB

Soil Type Silt loam

Vegetation (*describe*) Secondary growth, overgrown area and tree line

32 35

36

9. Elevation 774 ft amsl

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|-------------------------------|--|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input checked="" type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 707

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries: _____

38 45

46 47

48

1 _____ no 2 x yes

49	50
----	----

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Pond

- | | |
|--|--|
| 1 <input type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input checked="" type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site N/ADistance to water from site 225 m northwest

53	55
----	----

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

56

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

57

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by Doug Shaver, Christa WroblewskiDate recorded 11/14/2024Time of day Morning Time spent at site 15 minutes

58	59
----	----

60	62
----	----

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

66	67
----	----

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <input type="checkbox"/> 1 no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

69

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-14 is a collapsing house, and early to mid-twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from abandonment and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

70

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

71

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-14 consists of structural construction from an abandoned and collapsing house. It measures approximately 95 feet by 81 feet. The only artifacts present were wooden planks and debris that were within or immediately next to the structures. The surrounding vegetation is a tree line with secondary growth and tall grasses and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is partially collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is from an old residence similar to other sites in the area. The site is approximately 550 feet northeast of TR13, and is surrounded by historic barns, abandoned residences, and other structures of similar size that are in neighboring parcels.

D A T E S

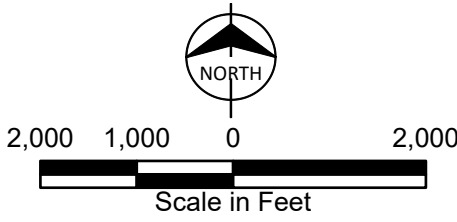
Absolute dates

Dating methods

3.

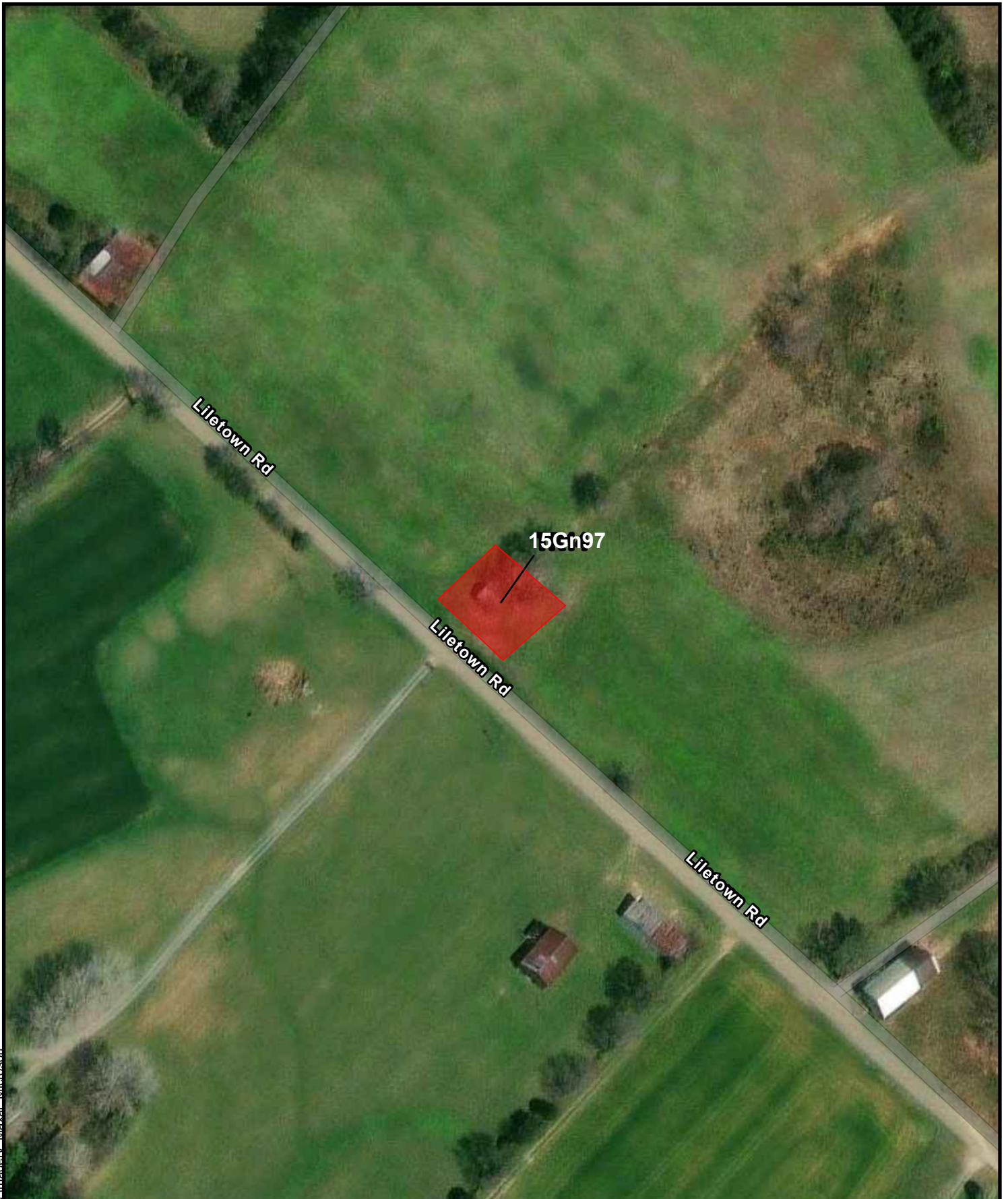


 Archy Site

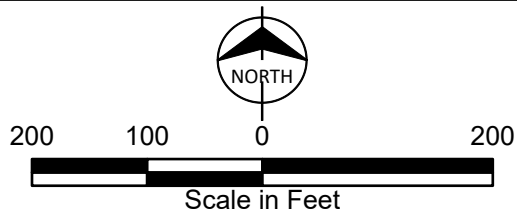


15Gn97
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



 BURNS
MCDONNELL

15Gn97
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2			4

County Green

5			7

State Site No. 15Gn98

Site Name _____

Other Site No. _____ Project Site No. TR-15

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9	10

Northing 4113104

11									17

Easting 625053

18									24

25		27

2. Quadrangle Name Exie

28	29

Quadrangle Date 2022

30

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Unknown/not listed

Address and Phone

433-1 Jim Meadows Rd, Greensburg, KY 42743

Tenant (*if any*)

Address and Phone

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

	32	34	45
35			38
	39		41
			42
			43
			44

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46			49
50			53
	54		56

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

Topographic maps and historic aerial images were used to determine the age of the site.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-----------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 <u>x</u> 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 _____ 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 _____ 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 _____ cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 <u>x</u> historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 x unknown 1 _____ earth 2 _____ shell 3 _____ absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|---------------------------------|------------------------------|
| 1 _____ apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 <u>x</u> 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|-------------------------|-----------------------------------|
| 1 <u>x</u> cultivated | 8 _____ modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 <u>x</u> woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | |
| | 15 _____ 11+12+13 | Other _____ |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|-------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 _____ poor |
| 2 <input checked="" type="checkbox"/> 11-50% | 6 _____ fair |
| 3 _____ 51-91% | 7 _____ good |
| 4 _____ 91-100% | 8 _____ excellent |

Describe visibility Visibility was fair in the cultivated field but poor at the tree line

20

7. Physiographic Division

- | | |
|----------------------------|---|
| 1 _____ Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 _____ Outer Bluegrass | 6 _____ Western Coalfields |
| 3 _____ Knobs | 7 _____ Jackson Purchase |
| 4 _____ Cumberland Plateau | |

Landform Type

- | | |
|--------------------|---|
| 1 _____ floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 _____ terrace | 5 _____ undissected uplands |
| 3 _____ hillside | OTHER _____ |

Locality Type

- | | |
|---|--------------------|
| 1 _____ level | 5 _____ bluff base |
| 2 <input checked="" type="checkbox"/> knoll | 6 _____ ridge |
| 3 _____ closed | 7 _____ slope |
| 4 _____ bluff crest | OTHER _____ |

21

22

23 25

26 28

29 31

8. Soil Association Crider silt loam, 2 to 6 percent slopes; Frederick silt loam, 12 to 20 percent slopes

Soil Series CrB, FrD

Soil Type Silt loam

Vegetation (*describe*) Cultivated agricultural field and tree line

32 35

36

9. Elevation 793 ft amsl

Slope of Locality

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 _____ 26-50° |
| 2 _____ 6-10° | 5 _____ greater than 51° bluff (rockshelter) |
| 3 _____ 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|--------------|------------|--|
| 1 _____ Flat | 4 _____ E | 7 <input checked="" type="checkbox"/> SW |
| 2 _____ N | 5 _____ SE | 8 _____ W |
| 3 _____ NE | 6 _____ S | 9 _____ NW |

37

10. Site Area (m²) 1,051

Basis for site area estimate

- | | | |
|---------------|-----------------|-------------------------|
| 1 _____ taped | 3 _____ guessed | 5 _____ transit/alidade |
| 2 _____ paced | 4 _____ range | 6 <u>GPS</u> |

Confident of site boundaries:

48

38 45

46 47

1 _____ no 2 x yes

49 50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (name) Pond

- | | |
|--|---|
| 1 <input type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input checked="" type="checkbox"/> lake/pond (historic sites only) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (historic sites only) |

53 55

Rank order of stream nearest site N/A

Distance to water from site 185 m southwest

REPORTING INFORMATION

56

1. Site reported by

- 1 professional/student
- 2 amateur
- 3 other informant

57

2. Investigation type

- 1 reconnaissance (surface survey, may include shovel tests)
- 2 intensive (surface survey and testing)
- 3 excavated
- 4 volunteered

58 59

3. Institution/person filing report Burns & McDonnell, John Topi

Site surveyed by Doug Shaver, Christa Wroblewski

Date recorded 11/14/2024

Time of day Afternoon Time spent at site Half hour

60 62

4. Artifact Repository (name and address where artifacts are curated)

No artifacts collected

Name of curator at repository

Thomas Jennings

66 67

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <u>1</u> no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
 2 Eligible for National Register
 3 Nominated to National Register by SHPO
 4 Considered eligible but not nominated by SHPO
 5 Inventory site (does not presently meet National Register criteria)
 6 National Register status not assessed

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

Site TR-15 is a collapsed structure, and twentieth century farmsteads of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods, and the artifacts do not possess high artistic value or associations with the work of a master. The standing structures are in disrepair and have been modified. Disturbances from abandonment and the fact that the adjacent residences/farmsteads are extant make it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
 2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal 3 local government 5 private
 2 state 4 government 6 joint state/federal

11. *Special status (federal, state, county, etc.)*

- 1 forest 5 wildlife preserve
 2 park 6 nature preserve
 3 wilderness 7 military preserve
 4 wild river 8 _____

69

70

71

D E S C R I P T I O N O F S I T E

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-15 consists of structural materials from a collapsed structure. It measures approximately 130 feet by 97 feet, and the only materials present were broken concrete, wooden planks and miscellaneous metal that were within or immediately next to the structure. The surrounding vegetation is a tree line with cultivated agriculture and no other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is collapsed and is common for early to mid-twentieth century farmsteads and the collapsed structure is from an old residence similar to other sites in the area. The site is northeast of TR13 and TR14, and is surrounded by historic barns, abandoned residences, and other structures of similar size that are in neighboring parcels.

D A T E S

Absolute dates

Dating methods

Laboratory

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

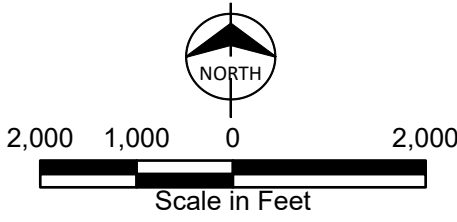


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

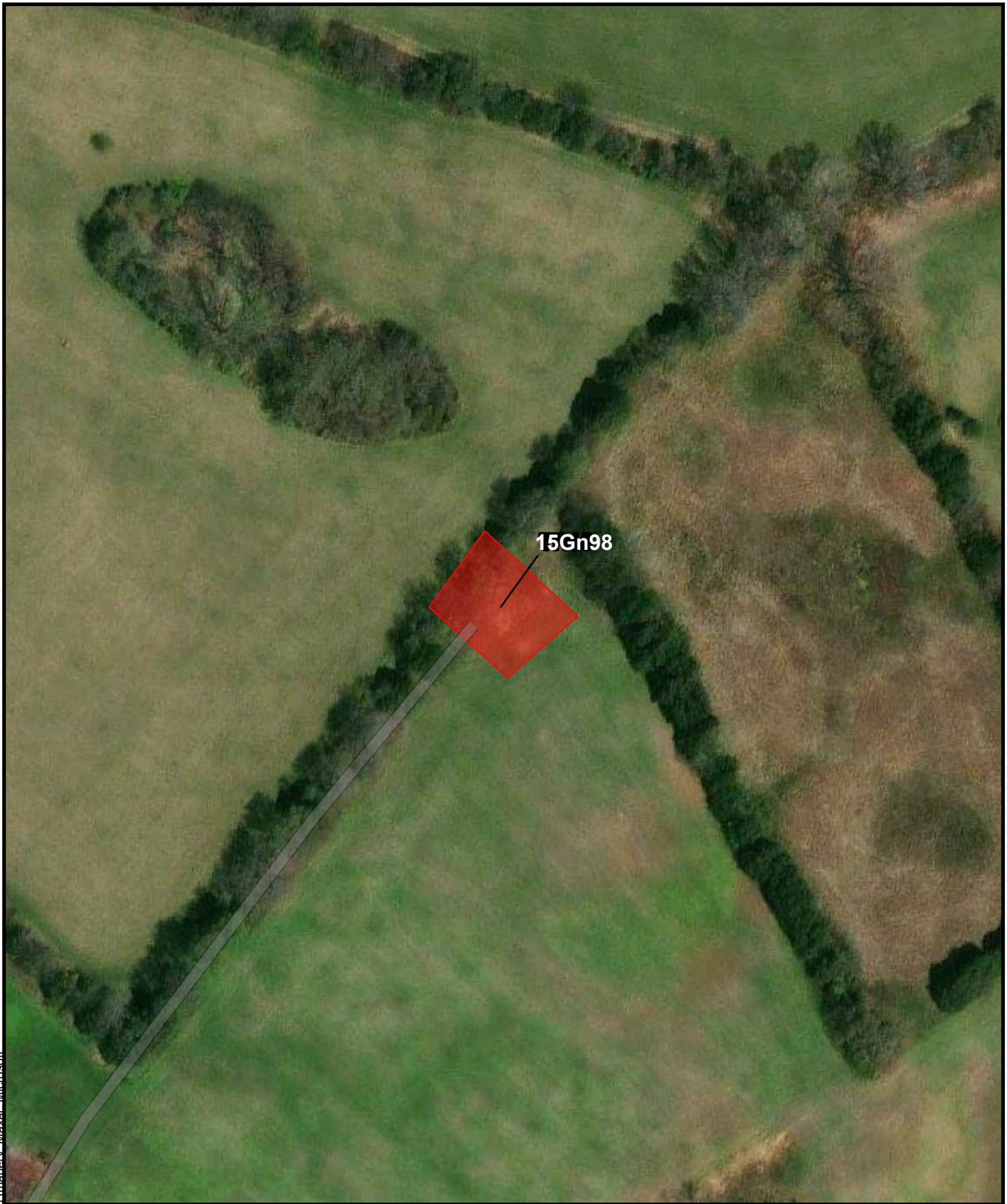






 Archy Site



15Gn98
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Source Layer Credits: World Imagery: Maxar, Microsoft



<p> Archy Site</p> <p> NORTH</p> <p> Scale in Feet</p>		<p>15Gn98 Archaeological Sites and Shovel Test Results Exie Solar Project Geronimo Power Green County, KY</p>
---	--	---

Preliminary Form
 Final Form
 New Site
 Repeat Visit

KENTUCKY ARCHAEOLOGICAL SITE SURVEY FORM

Office of State Archaeology

IDENTIFICATION

2 4

County Green

5 7

State Site No. 15Gn99

Site Name _____

Other Site No. _____ Project Site No. TR-16

LOCATION

8

1. Coordinate System 1 UTM

2 _____ KPC

Zone if UTM, 16, _____ 17

If KPCS, _____ North, or 2 _____ South

9 10

Northing 4113627

11 17

Easting 625568

18 24

2. Quadrangle Name Exie

Quadrangle Date 2022

25 27

28 29

3. Reliability of Site Location Information

0 good 1 _____ approximate 2 _____ location unknown

OWNERSHIP

Name(s)

Shirley Cemetery

Address and Phone

RT 4, Greensburg, KY 42743

Tenant (if any)

Address and Phone

30

T E M P O R A L - C U L T U R A L A F F I L I A T I O N S

1. Cultural Periods Represented

		45	
32	34		
35		38	
	39	41	
		42	
		43	
		44	

- Unassigned
- Paleo-Indian, undefined Early Late
- Archaic, undefined Early Middle Late
- Woodland, undefined Early Middle
- Late Woodland/Mississippian
- Historic Indian
- Historic Non-Indian

2. Archaeological Cultures Represented

46		49	
50		53	
	54	56	

- Adena Hopewell Ft. Ancient Stone Grave
- Mississippian Cherokee Pisgah Lost River
- Caborn-Welborn Yankeetown Angel

OTHER (describe) _____

3. How were cultural affiliation and age determined (describe diagnostic artifacts, type names, and attach outline drawings)?

The age of the cemetery was determined from aerial imagery, topographic maps, and
websites such as findagrave.com. Shirley Cemetery, also listed as Irving Cemetery,
Contains at least 36 memorials. According to findagrave.com, the earliest is from 1862 and
the most recent is from 2021.

Prehistoric materials collected: 0 total number of items

Type	Number	other scrapers	_____
ceramics	_____	flakes/cores/chunks	_____
projectile points/fragments	_____	ground/pecked/battered	_____
hafted scrapers/drills	_____	stone	_____
other drills	_____	worked bone/shell	_____
Bifaces/fragments	_____	human bone/burials	_____
unifaces	_____	faunal materials	_____
perforators/gravers	_____		_____
spokeshaves	_____		_____

Prehistoric materials observed but not collected (describe)

None

8	9
---	---

4. Approximate Historic Site Date Range

- | | | |
|-------------------|--------------------|-------------------------|
| 1 _____ pre 1600 | 6 _____ 1701-1750 | 11 _____ 1900-2000 |
| 2 _____ 1600-1700 | 7 _____ 1751-1800 | 12 _____ 1901-1950 |
| 3 _____ 1601-1650 | 8 _____ 1801-1900 | 13 <u> x </u> 1951-2000 |
| 4 _____ 1651-1700 | 9 _____ 1801-1950 | 14 <u> x </u> 1851-1950 |
| 5 _____ 1701-1800 | 10 _____ 1851-1900 | 15 _____ 1801-1950 |

Historic materials collected None

Historic materials observed but not collected None

PHYSICAL DESCRIPTION

10	11
----	----

1. Site Type

- | | |
|--------------------------------------|--------------------------------------|
| 0 _____ undetermined | 10 _____ non-mound earthwork |
| 1 _____ open habitation w / o mounds | 11 _____ workshop |
| 2 _____ isolated find | 12 _____ isolated burials |
| 3 _____ rockshelter | 13 <u> x </u> cemetery |
| 4 _____ cave | 14 _____ other special activity area |
| 5 _____ quarry | 15 _____ open habitation w/ mounds |
| 6 _____ stone mound | 16 _____ historic farm/residence |
| 7 _____ earth mound | 17 _____ industrial |
| 8 _____ mound complex | 18 _____ military |
| 9 _____ petroglyph/pictograph | OTHER: _____ |

12

2. Midden

- 0 _____ unknown 1 _____ earth 2 _____ shell 3 x absent

13

3. Evidence of recent vandalism (*within the last month*)

- 1 x no 2 _____ yes

14

4. Site Condition

- | | |
|-------------------------------------|------------------------------|
| 1 <u> x </u> apparently undisturbed | 5 _____ 76-99% disturbed |
| 2 _____ less than 25% disturbed | 6 _____ totally destroyed |
| 3 _____ 26-50% disturbed | 7 _____ disturbed, % unknown |
| 4 _____ 51-75% disturbed | |

17	18
----	----

5. Major Land Use

- | | | |
|--------------------------------|------------------------------|-----------------------------------|
| 1 _____ cultivated | 8 <u> x </u> modern cemetery | 16 _____ 14+15 |
| 2 _____ pasture | 9 _____ mining | 17 _____ commercial |
| 3 _____ woods/forest | 10 _____ inundated | 18 _____ military |
| 4 _____ road/trail | 11 _____ industrial | 19 _____ logging/ logging related |
| 5 _____ ditch/dike/ borrow pit | 12 _____ residential | 20 _____ scrub/secondary growth |
| 6 _____ landfill | 13 _____ recreational | |
| 7 _____ modern | 14 _____ 1+2+3 | Other _____ |
| | 15 _____ 11+12+13 | |

19

6. Amount of ground surface visible (*typically*)

- | | |
|---|--------------------------------------|
| 1 <input checked="" type="checkbox"/> less than 10% | 5 <input type="checkbox"/> poor |
| 2 <input type="checkbox"/> 11-50% | 6 <input type="checkbox"/> fair |
| 3 <input type="checkbox"/> 51-91% | 7 <input type="checkbox"/> good |
| 4 <input type="checkbox"/> 91-100% | 8 <input type="checkbox"/> excellent |

Describe visibility Mowed grasses

20

7. Physiographic Division

- | | |
|---|---|
| 1 <input type="checkbox"/> Inner Bluegrass | 5 <input checked="" type="checkbox"/> Mississippi Plateau |
| 2 <input type="checkbox"/> Outer Bluegrass | 6 <input type="checkbox"/> Western Coalfields |
| 3 <input type="checkbox"/> Knobs | 7 <input type="checkbox"/> Jackson Purchase |
| 4 <input type="checkbox"/> Cumberland Plateau | |

Landform Type

- | | |
|---------------------------------------|---|
| 1 <input type="checkbox"/> floodplain | 4 <input checked="" type="checkbox"/> dissected uplands |
| 2 <input type="checkbox"/> terrace | 5 <input type="checkbox"/> undissected uplands |
| 3 <input type="checkbox"/> hillside | OTHER _____ |

Locality Type

- | | |
|---|---------------------------------------|
| 1 <input checked="" type="checkbox"/> level | 5 <input type="checkbox"/> bluff base |
| 2 <input type="checkbox"/> knoll | 6 <input type="checkbox"/> ridge |
| 3 <input type="checkbox"/> closed | 7 <input type="checkbox"/> slope |
| 4 <input type="checkbox"/> bluff crest | OTHER _____ |

21

22

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		28
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		31

8. Soil Association Frederick silt loam, 6 to 12 percent slopes

Soil Series FrC

Soil Type Silt loam

Vegetation (*describe*) Mowed grasses

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32			35
	<input type="checkbox"/>		
	36		

9. Elevation 748 ft amsl

Slope of Locality

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> less than 5°, flat | 4 <input type="checkbox"/> 26-50° |
| 2 <input type="checkbox"/> 6-10° | 5 <input type="checkbox"/> greater than 51° bluff (rockshelter) |
| 3 <input type="checkbox"/> 11-25° | |

Slope Direction (*Aspect*)

- | | | |
|---------------------------------|-------------------------------|---|
| 1 <input type="checkbox"/> Flat | 4 <input type="checkbox"/> E | 7 <input type="checkbox"/> SW |
| 2 <input type="checkbox"/> N | 5 <input type="checkbox"/> SE | 8 <input checked="" type="checkbox"/> W |
| 3 <input type="checkbox"/> NE | 6 <input type="checkbox"/> S | 9 <input type="checkbox"/> NW |

37

10. Site Area (m²) 1,824

Basis for site area estimate

- | | | |
|----------------------------------|------------------------------------|--|
| 1 <input type="checkbox"/> taped | 3 <input type="checkbox"/> guessed | 5 <input type="checkbox"/> transit/alidade |
| 2 <input type="checkbox"/> paced | 4 <input type="checkbox"/> range | 6 <input type="checkbox"/> GPS |

Confident of site boundaries:

- | | |
|-------------------------------|---|
| 1 <input type="checkbox"/> no | 2 <input checked="" type="checkbox"/> yes |
|-------------------------------|---|

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38							45
	<input type="checkbox"/>		<input type="checkbox"/>				
	46		47				

48

49	50

11. Drainage

- | | | |
|---|---|--|
| 1 <input type="checkbox"/> Mississippi | 6 <input checked="" type="checkbox"/> Green | 11 <input type="checkbox"/> Kentucky |
| 2 <input type="checkbox"/> Tennessee | 7 <input type="checkbox"/> Western Ohio | 12 <input type="checkbox"/> Licking |
| 3 <input type="checkbox"/> Lower Cumberland | 8 <input type="checkbox"/> Central Ohio | 13 <input type="checkbox"/> Little Sandy |
| 4 <input type="checkbox"/> Upper Cumberland | 9 <input type="checkbox"/> Eastern Ohio | 14 <input type="checkbox"/> Big Sandy |
| 5 <input type="checkbox"/> Tradewater | 10 <input type="checkbox"/> Salt | 15 <input type="checkbox"/> Tygarts |

51

Closest Water Source (*name*) Pond

- | | |
|--|--|
| 1 <input type="checkbox"/> permanent stream | 4 <input type="checkbox"/> intermittent spring |
| 2 <input type="checkbox"/> intermittent stream | 5 <input checked="" type="checkbox"/> lake/pond (<i>historic sites only</i>) |
| 3 <input type="checkbox"/> permanent spring | 6 <input type="checkbox"/> slough/oxbow lake |
| | 7 <input type="checkbox"/> well (<i>historic sites only</i>) |

Rank order of stream nearest site N/ADistance to water from site 180 m southwest

53	55	53

REPORTING INFORMATION

1. Site reported by

- | |
|--|
| 1 <input checked="" type="checkbox"/> professional/student |
| 2 <input type="checkbox"/> amateur |
| 3 <input type="checkbox"/> other informant |

2. Investigation type

- | |
|--|
| 1 <input checked="" type="checkbox"/> reconnaissance (<i>surface survey, may include shovel tests</i>) |
| 2 <input type="checkbox"/> intensive (<i>surface survey and testing</i>) |
| 3 <input type="checkbox"/> excavated |
| 4 <input type="checkbox"/> volunteered |

3. Institution/person filing report Burns & McDonnell, John TopiSite surveyed by Doug Shaver, Christa WroblewskiDate recorded 11/13/2024Time of day Afternoon Time spent at site 15 minutes

56

57

58	59

60	62	

66	67

4. Artifact Repository (*name and address where artifacts are curated*)No artifacts collected

Name of curator at repository

Thomas Jennings

5. Photos

- | | |
|---|--|
| <input type="checkbox"/> black/white | <input type="checkbox"/> no. of pictures |
| <input checked="" type="checkbox"/> color | <input type="checkbox"/> 1 no. of pictures |

Name and address of institution where photos are filed

University of Louisville, CACHE, Lutz Hall Room 228 Louisville, KY 40292

6. Name and address of local informants

7. Name and address of owners of other collections from site (*attach inventories of private collections.*)

8. Significance Status

- 1 National Register property
- 2 Eligible for National Register
- 3 Nominated to National Register by SHPO
- 4 Considered eligible but not nominated by SHPO
- 5 Inventory site (does not presently meet National Register criteria)
- 6 National Register status not assessed

69

Discuss the potential significance of the site (*does it meet National Register criteria in your opinion? why or why not? upon what evidence have you based your decision?*)

TR-16 is a cemetery, and late nineteenth and early twentieth century cemeteries of this type are common in the region and no information was found that the landowner associated with this property was a significant historical figure. As such the site is recommended not significant under NRHP Criteria A and B. The site is also not significant under NRHP Criterion C because it lacks remains or features reflective of distinctive design or construction methods. The cemetery is well maintained, and the boundary has been modified. The fact that the adjacent residences/farmsteads are extant makes it highly unlikely the site contains information important to history. More information is needed to make a determination under NRHP Criterion D as no shovel testing was completed.

9. References

Shaver, Douglas
2024 Cultural Resources Survey for the Proposed Exie Solar Project, Green County, Kentucky. Letter report, Burns & McDonnell Engineering, Inc. Kansas City, Missouri.

10. Ownership

- 1 federal
- 2 state
- 3 local government
- 4 government
- 5 private
- 6 joint state/federal

70

11. *Special status (federal, state, county, etc.)*

- 1 forest
- 2 park
- 3 wilderness
- 4 wild river
- 5 wildlife preserve
- 6 nature preserve
- 7 military preserve
- 8 _____

71

DESCRIPTION OF SITE

Give a physical description of the site and its settings, including dimensions, features (with measurements), nature and location of artifacts and concentrations, extent and location of disturbances, etc.

Site TR-16 consists of a well-maintained cemetery that is located to the south of a narrow tree line, and immediately southwest of Litetown Rd. It measures approximately 176 feet by 112 feet. The surrounding vegetation is woods/forest with mowed grasses and cultivated agriculture to the northwest and south. No other historic-age artifacts were identified.

Discuss the relationship between this site and other known sites in the area in terms of location, physical characteristics, size, etc.

The site is fairly common for late nineteenth and early to mid-twentieth century farmsteads. It is located northwest of standing and abandoned structures and located north and northwest from similar sized cemeteries in neighboring parcels. The site is adjacent to several historic barns and other historic structures that are in neighboring parcels further west and southwest.

D A T E S

Absolute dates _____

Dating methods _____

_____ Laboratory _____

Relative dates _____ References _____

S K E T C H M A P O F S I T E

Include north arrow and scale. Also attach section of U.S.G.S. quad map with site location.

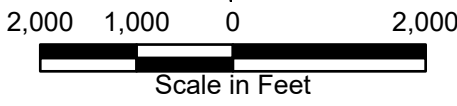


Directions to Site

	Terrain feature	Distance (km)	Direction/bearing
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____



 Archy Site



Scale in Feet

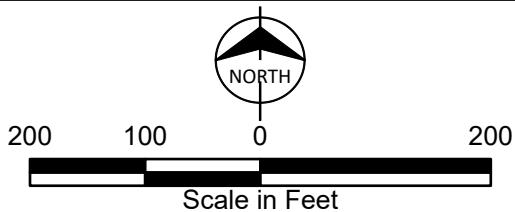


15Gn99
Location Map
1:24000 USGS
Exie Solar Project
Geronimo Power
Green County, KY

Path: C:\Users\gdgordon\OneDrive - Burns & McDonnell\Projects\2024\177659_NatGrid_KY_ExieSolar\177659_NatGrid_KY_ExieSolar.aprx gdgordon 1/22/2025
Service Layer Credits: World Imagery - Maxar, Microsoft



 Archy Site



15Gn99
Archaeological Sites and
Shovel Test Results
Exie Solar Project
Geronimo Power
Green County, KY