






**Figure 1. Site Location Map**

**Bass Drive Tract  
Orangeburg County,  
South Carolina**

**Legend**

-  Bass Drive Tract
-  County Boundary
-  USGS Waterbodies



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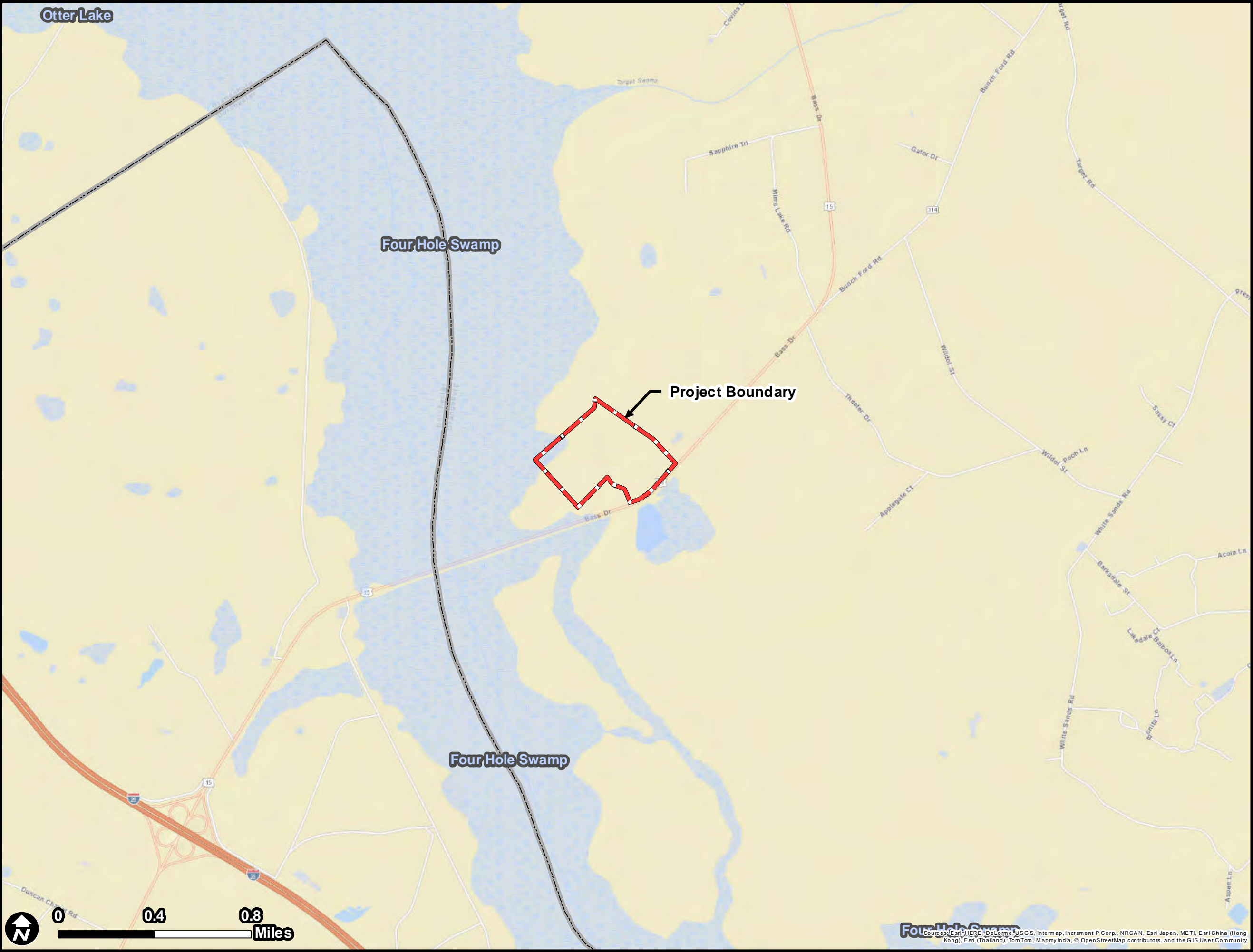
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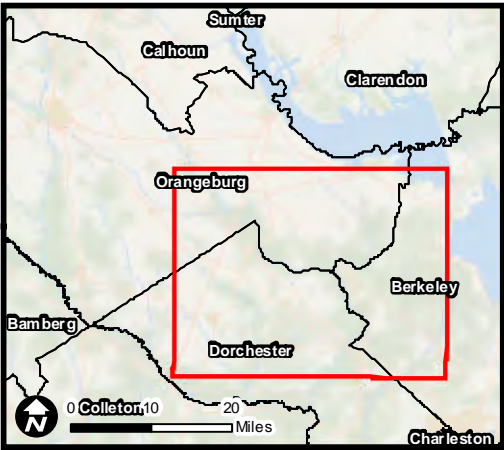
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**Four Hole Swamp**  
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**Figure 2. Proximity to Conserved Lands Map**

**Bass Drive Tract**  
Orangeburg County,  
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**Legend**

- Bass Drive Tract
- Volvo Mitigation Areas
- Camp Hall
- Existing Private, Protected, and Public Lands
- The Nature Conservancy Priority Areas



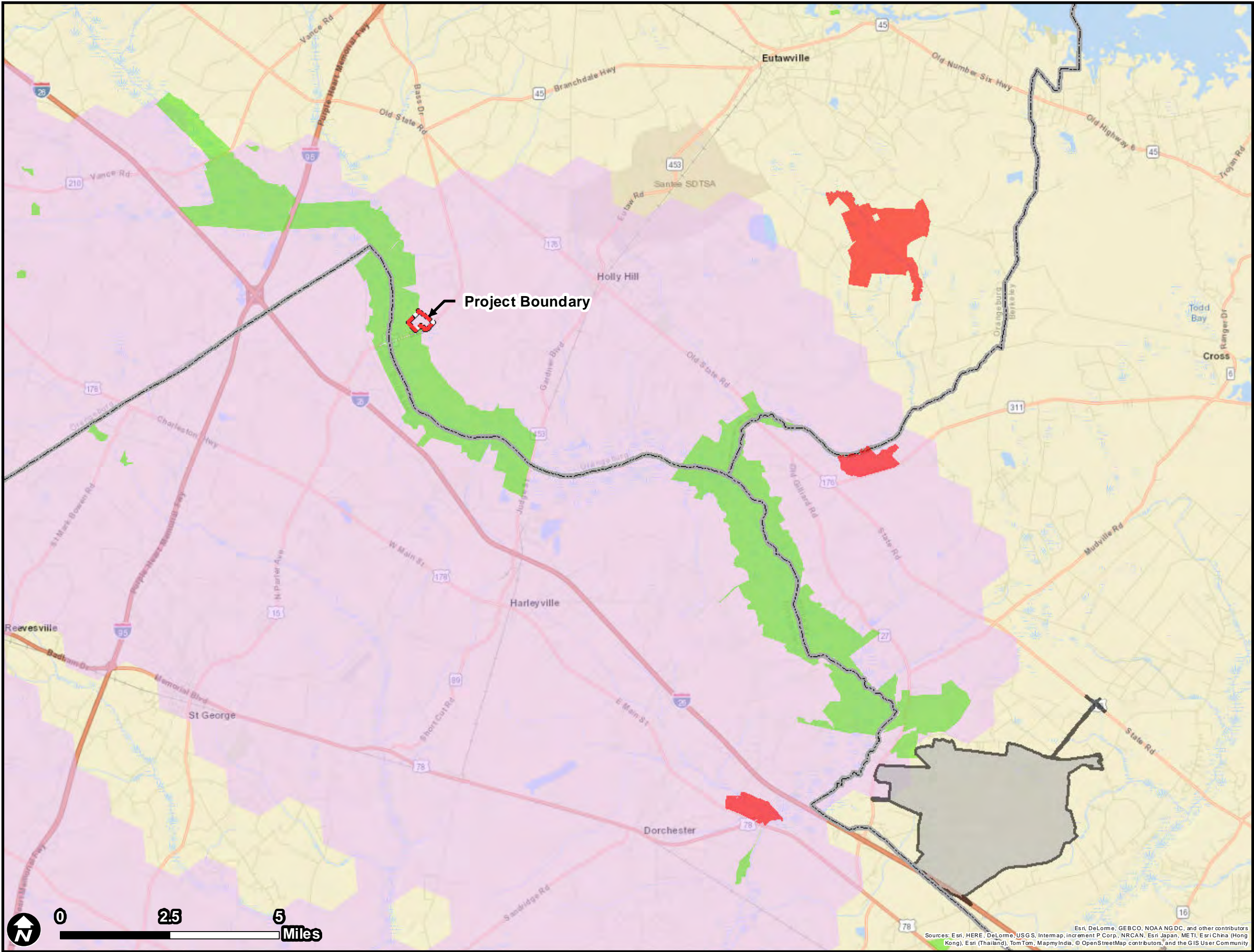
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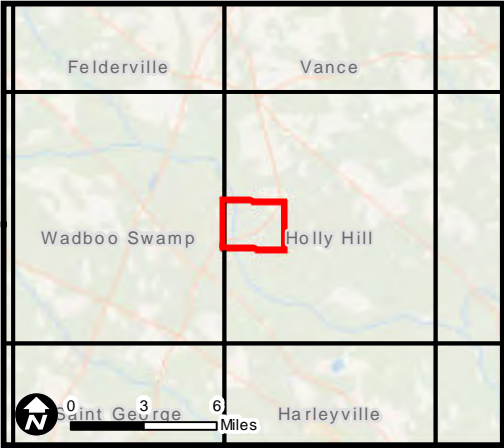
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**Figure 3. USGS Topographic Map**

**Bass Drive Tract  
Orangeburg County,  
South Carolina**

**Legend**

-  Bass Drive Tract
-  County Boundary
-  USGS 24k Topo Map Boundaries

References:  
USGS Topographic Map, 7.5-minute  
series, Holly Hill, dated 1979,  
photinspected 1987



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**Figure 4a. Historical 1937  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**

 Bass Drive Tract



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Imagery Source:  
University of South Carolina Thomas Cooper Library





**Figure 4b. Historical 1968  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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**Figure 4c. Historical 1989  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

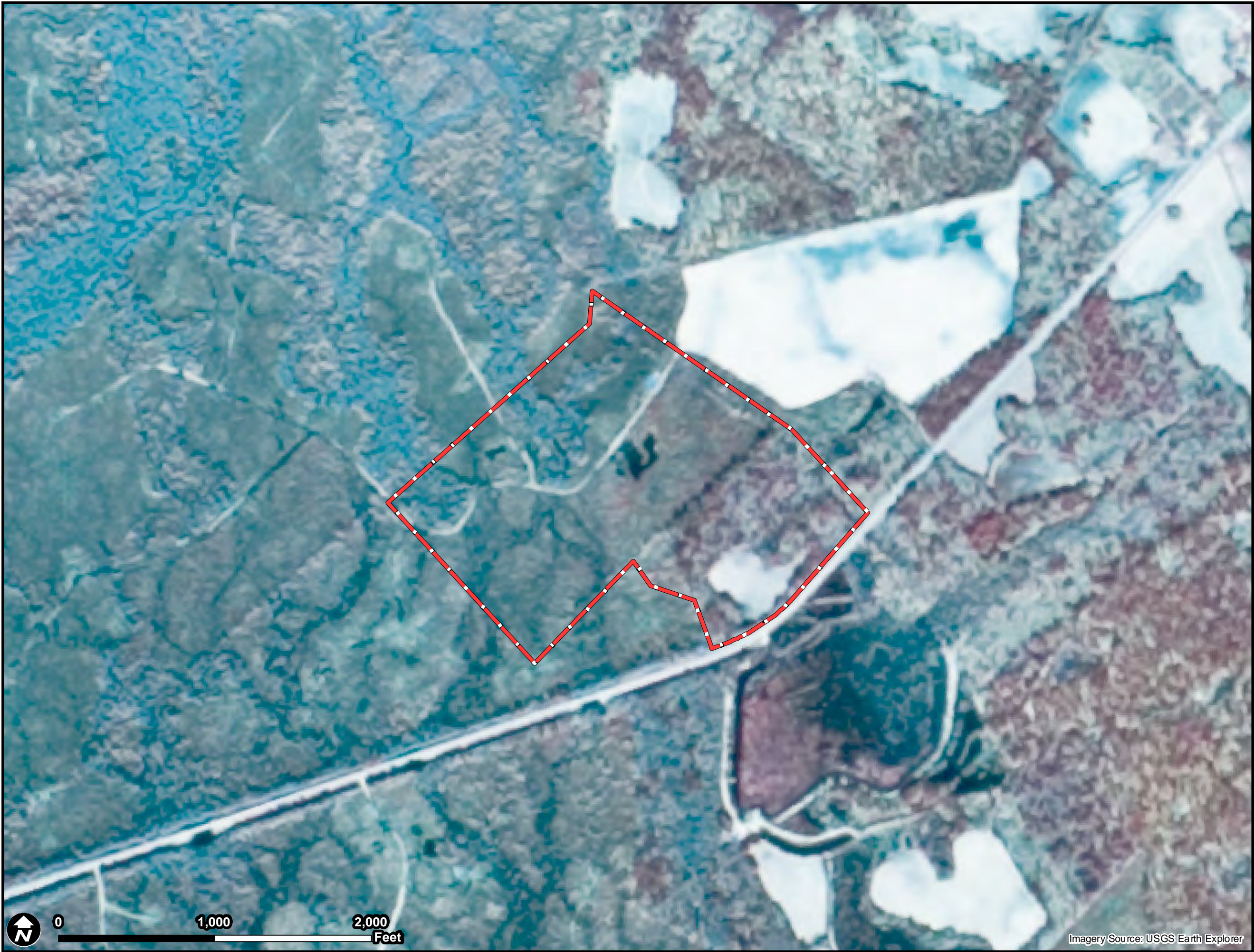
**Legend**

 Bass Drive Tract



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Imagery Source: USGS Earth Explorer





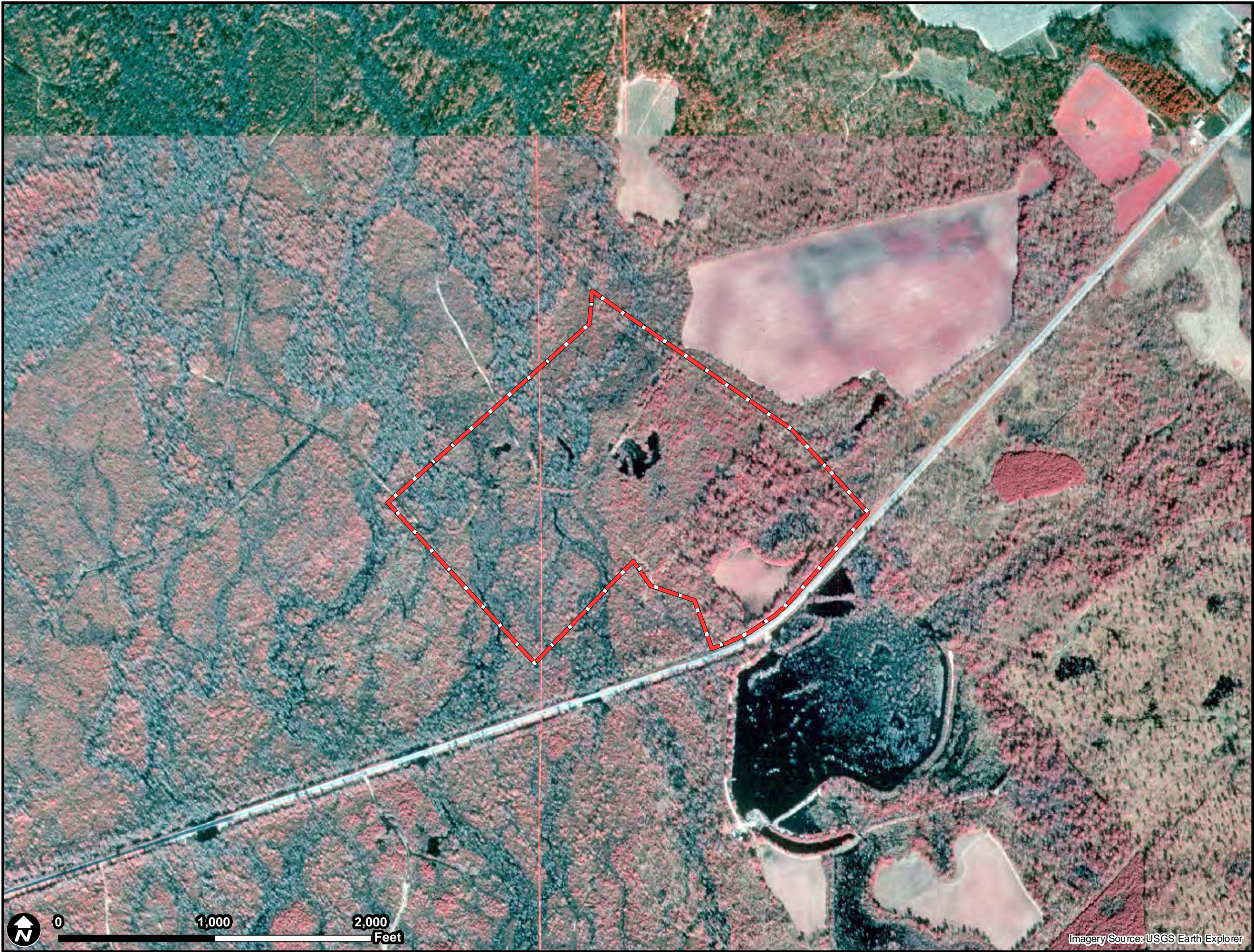
**Figure 4d. Historical 1994  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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Imagery Source: USGS Earth Explorer





**Figure 4e. Historical 2002  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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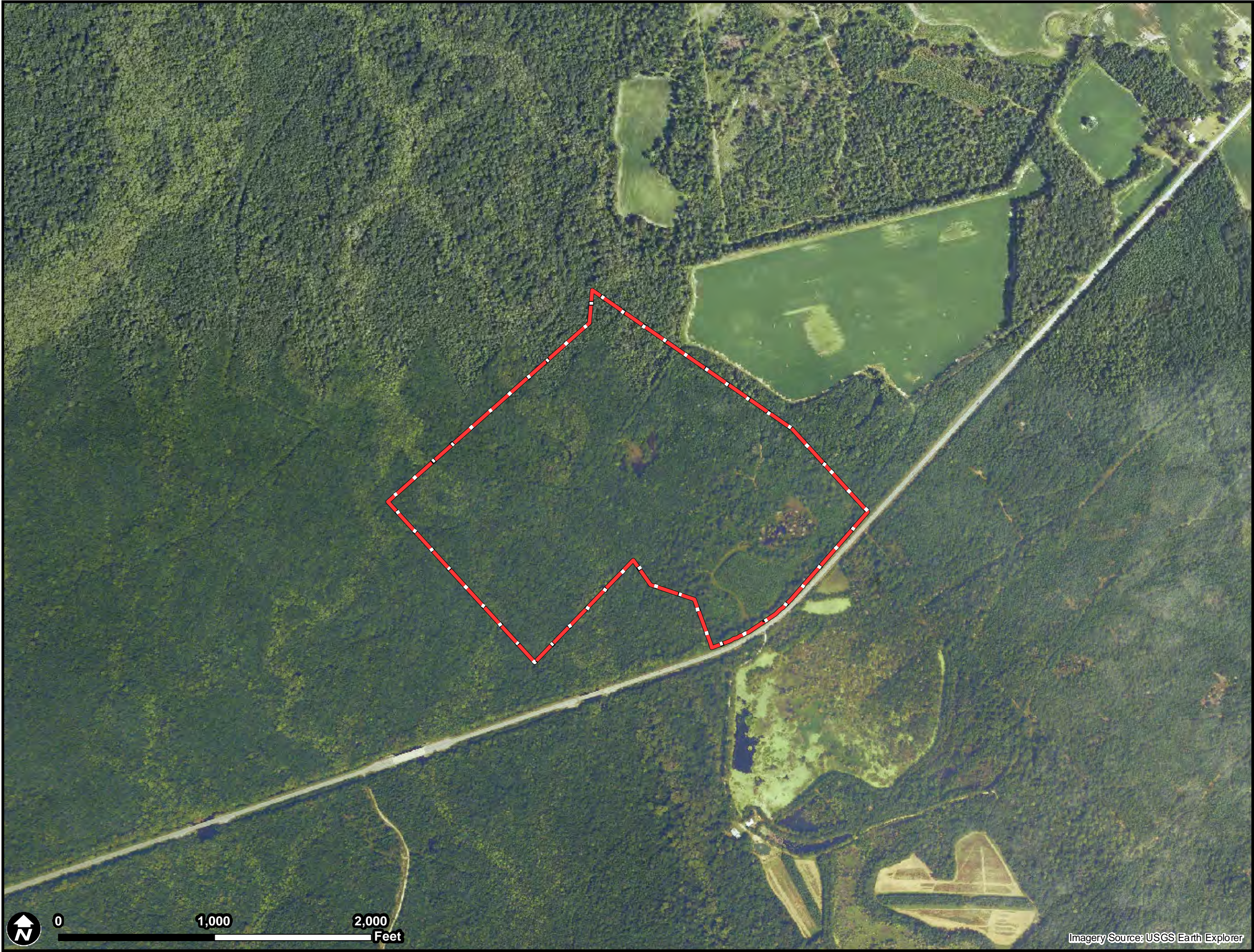
**Figure 4f. Historical 2005  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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Imagery Source: USGS Earth Explorer





**Figure 4g. Historical 2006  
Aerial Map**  
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**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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Imagery Source: USGS Earth Explorer





**Figure 4h. Historical 2009  
Aerial Map**  
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**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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Imagery Source: USGS Earth Explorer





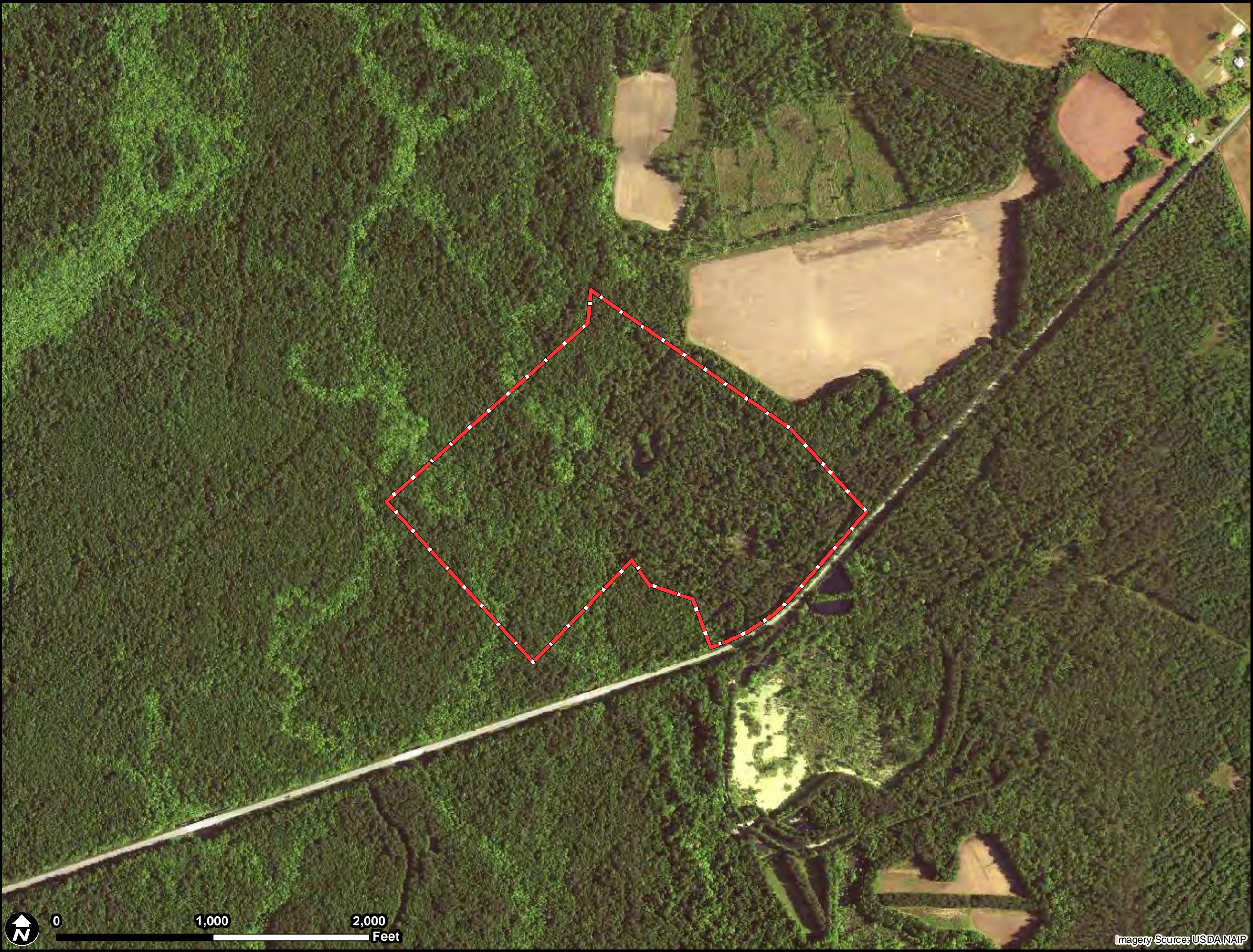
**Figure 4i. Historical 2015  
Aerial Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**  
 Bass Drive Tract



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Imagery Source: USDA NAIP





Figure 5. LiDAR Map

Bass Drive Tract  
Orangeburg County,  
South Carolina

Legend

- Bass Drive Tract
- Roads
- USGS Streams
- Contours (2-ft)

Elevation (ft)

- High : 90
- Low : 70



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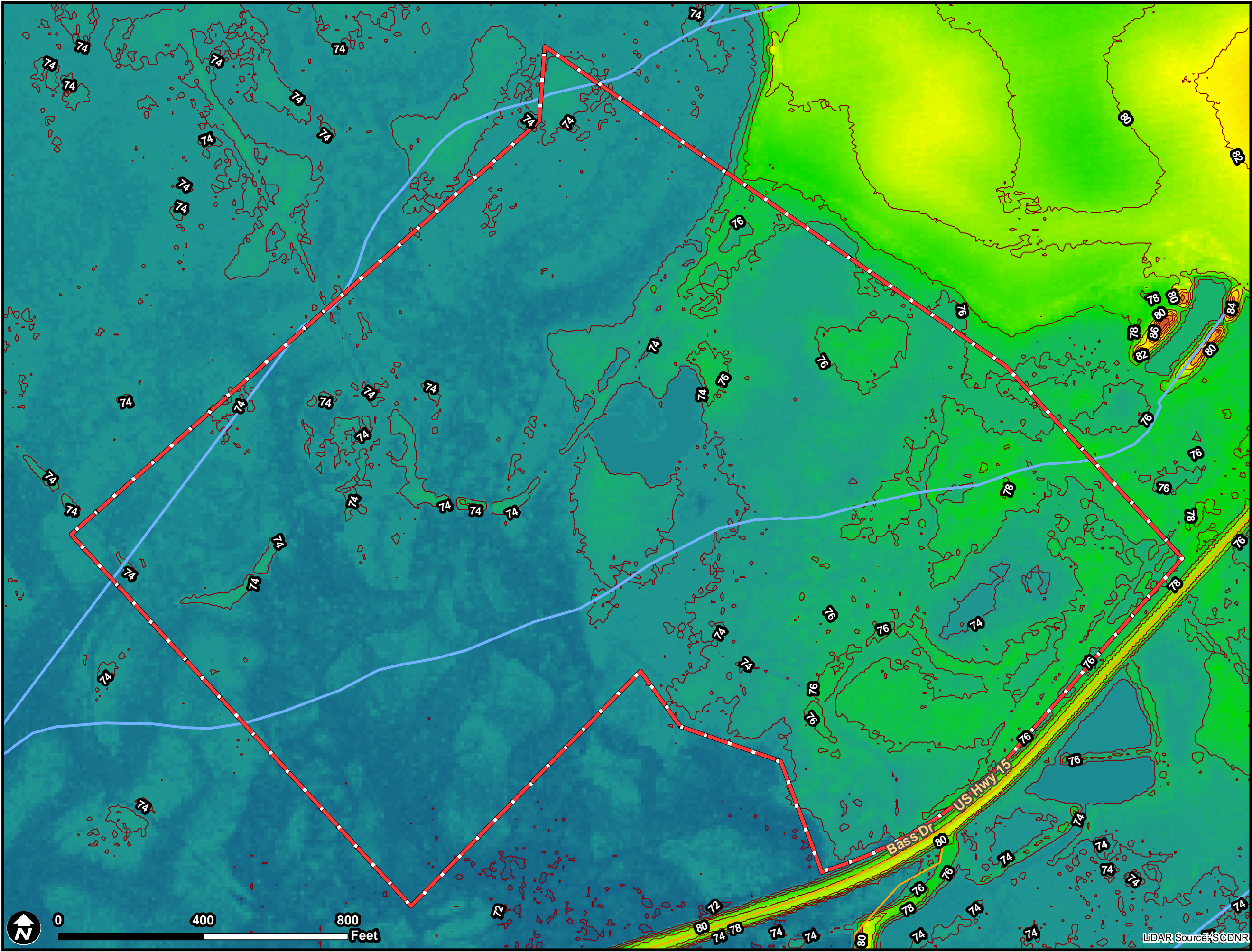












Figure 6. NRCS Soils Map

Bass Drive Tract  
Orangeburg County,  
South Carolina

Legend

-  Bass Drive Tract
-  USGS Streams

Hydric Rating

-  Nonhydryc
-  Predominantly Nonhydryc
-  Predominantly Hydryc
-  Hydryc



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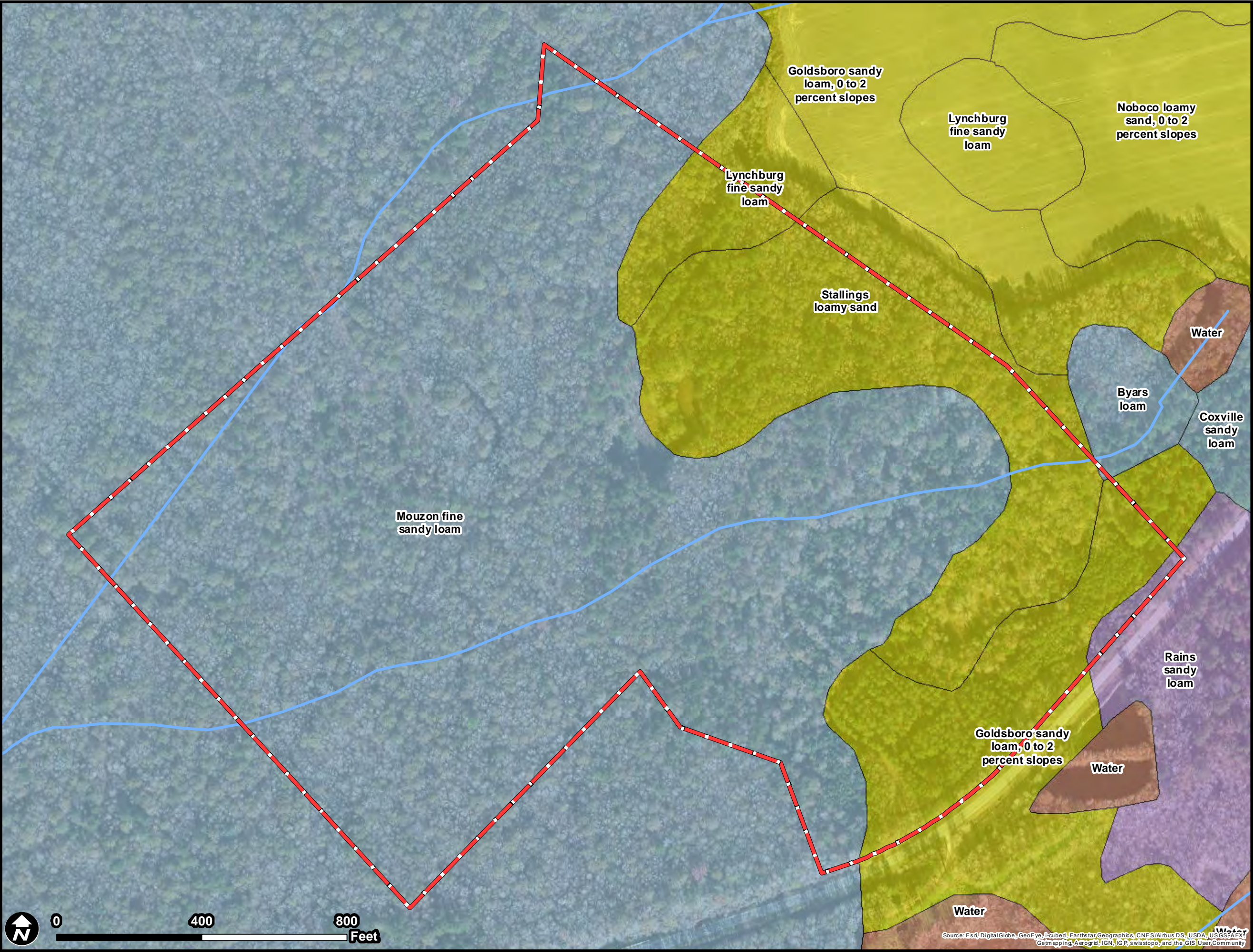
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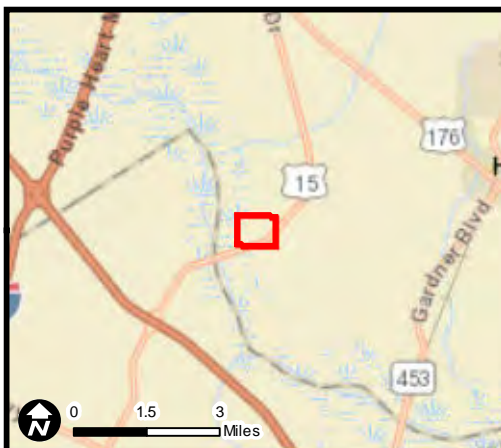
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**Figure 7. National Wetland Inventory Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

### Legend

-  Bass Drive Tract
-  USGS Streams
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond



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**Figure 8. Aquatic Resources Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

**Legend**

- Bass Drive Tract ~ 87.6 ac
- Forestry Roads
- Roads
- Borrow Pits / Ponds ~ 1.7 ac
- Wetlands ~ 65.2 ac

**NOTE:**  
This drawing represents an approximation of jurisdictional boundaries identified on the site by Amec Foster Wheeler Environment & Infrastructure, Inc. This drawing is based on limited on-site field observations and available maps. Boundaries were collected in the field using sub-foot GPS equipment. All jurisdictional boundaries are subject to verification by the U.S. Army Corps of Engineers (USACE). This map should be used for preliminary planning purposes only.



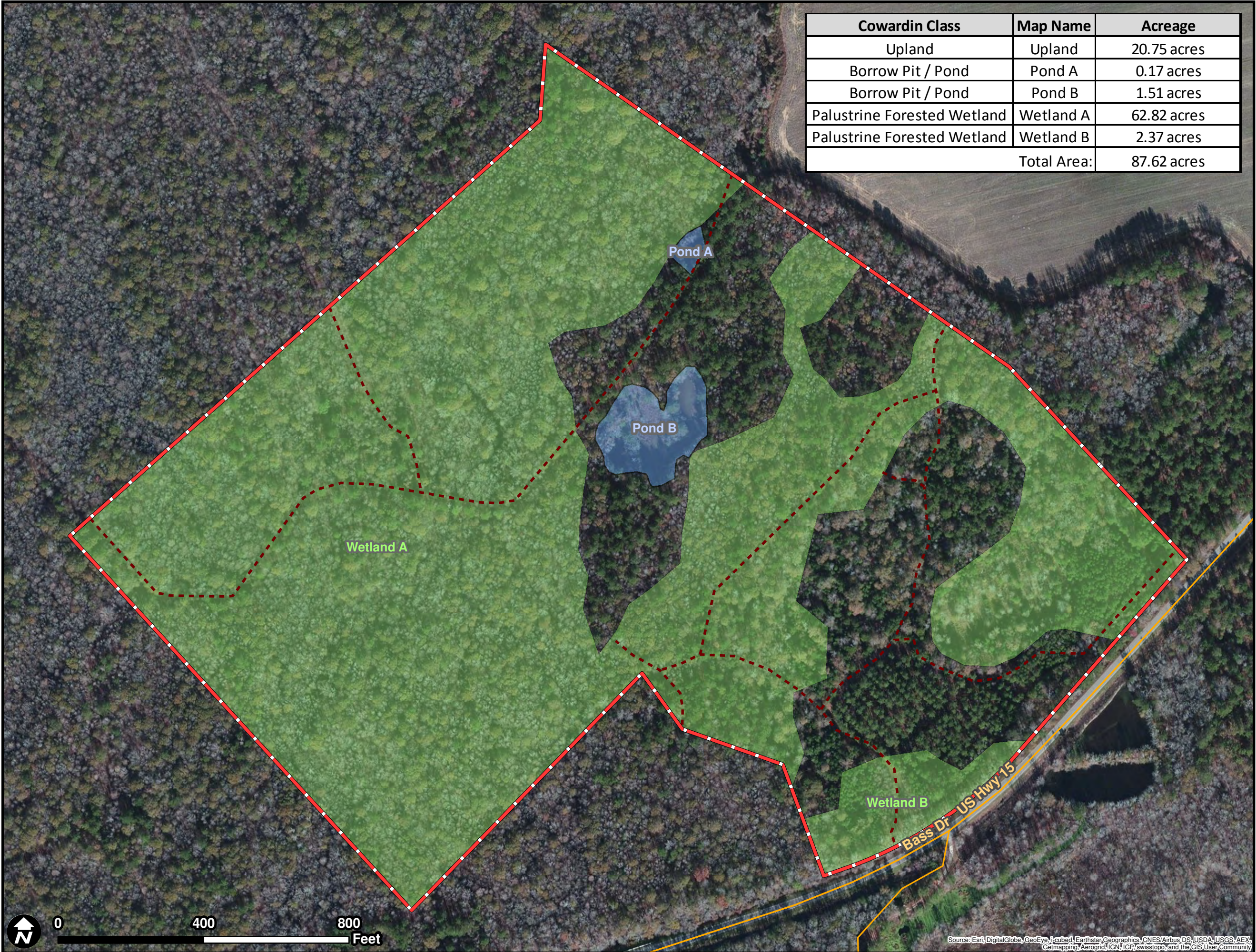
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Cowardin Class	Map Name	Acreage
Upland	Upland	20.75 acres
Borrow Pit / Pond	Pond A	0.17 acres
Borrow Pit / Pond	Pond B	1.51 acres
Palustrine Forested Wetland	Wetland A	62.82 acres
Palustrine Forested Wetland	Wetland B	2.37 acres
Total Area:		87.62 acres





**Figure 9. Plant Communities Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

- Legend**
- Bass Drive Tract ~ 87.6 ac
  - Forestry Roads
  - Roads

- Plant Community**
- Bald Cypress / Tupelo Gum Swamp Forest
  - Borrow Pit / Pond
  - Gum Depression
  - Loblolly Pine Plantation
  - Pine Flatwood



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File: Environmental\2012 + Projects\0096 - Volvo Interchange Properties\Phase 05 - Interchange Mitigation\Task 01 - Mapping\9. Plant Communities.mxd





**Figure 10. Photo Location & Data Point Map**  
**Bass Drive Tract**  
**Orangeburg County,**  
**South Carolina**

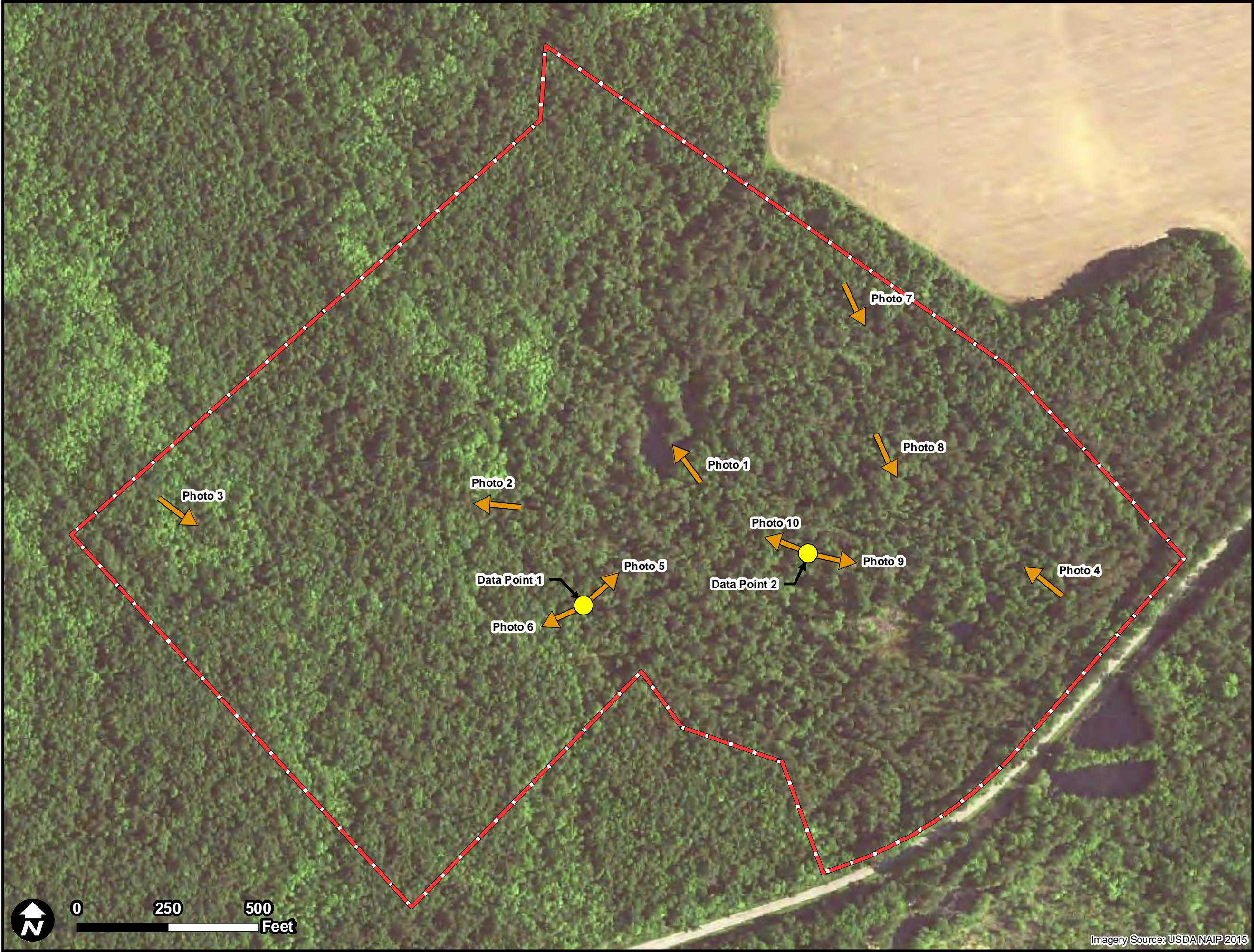
**Legend**

-  Bass Drive Tract
-  Data Point
-  Photo Direction

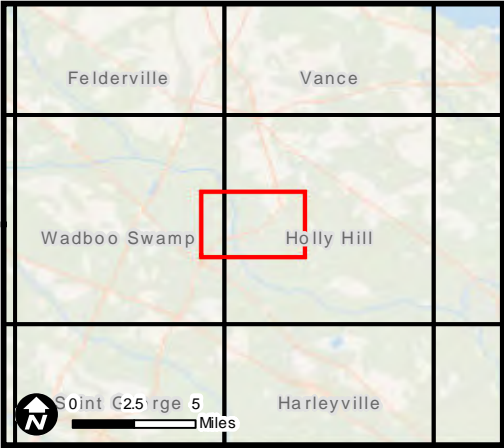


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**Figure 11. Cultural Resources Map**

**Bass Drive Tract  
Orangeburg County,  
South Carolina**

**Legend**

- Bass Drive Tract ~ 87.6 ac
- Historic Structures
- APE (1-mile)
- Survey Line
- Survey Area
- USGS 24k Topo Map Boundaries

References:  
USGS Topographic Map, 7.5-minute series, Holly Hill, dated 1979, photoinspected 1987



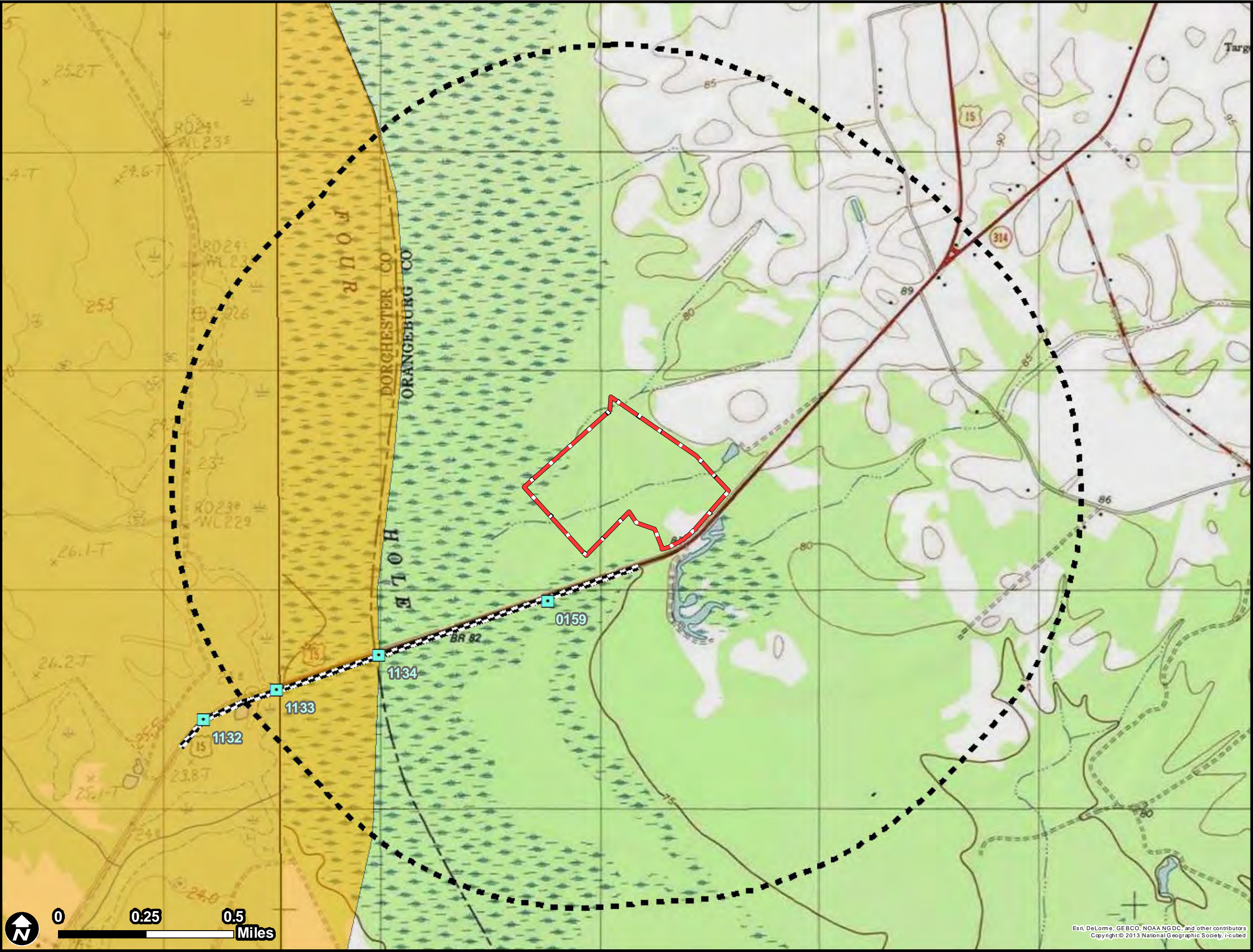
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Reviewed By: MM

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