

Clinch River Nuclear Site
Early Site Permit Application
Part 3, Environmental Report

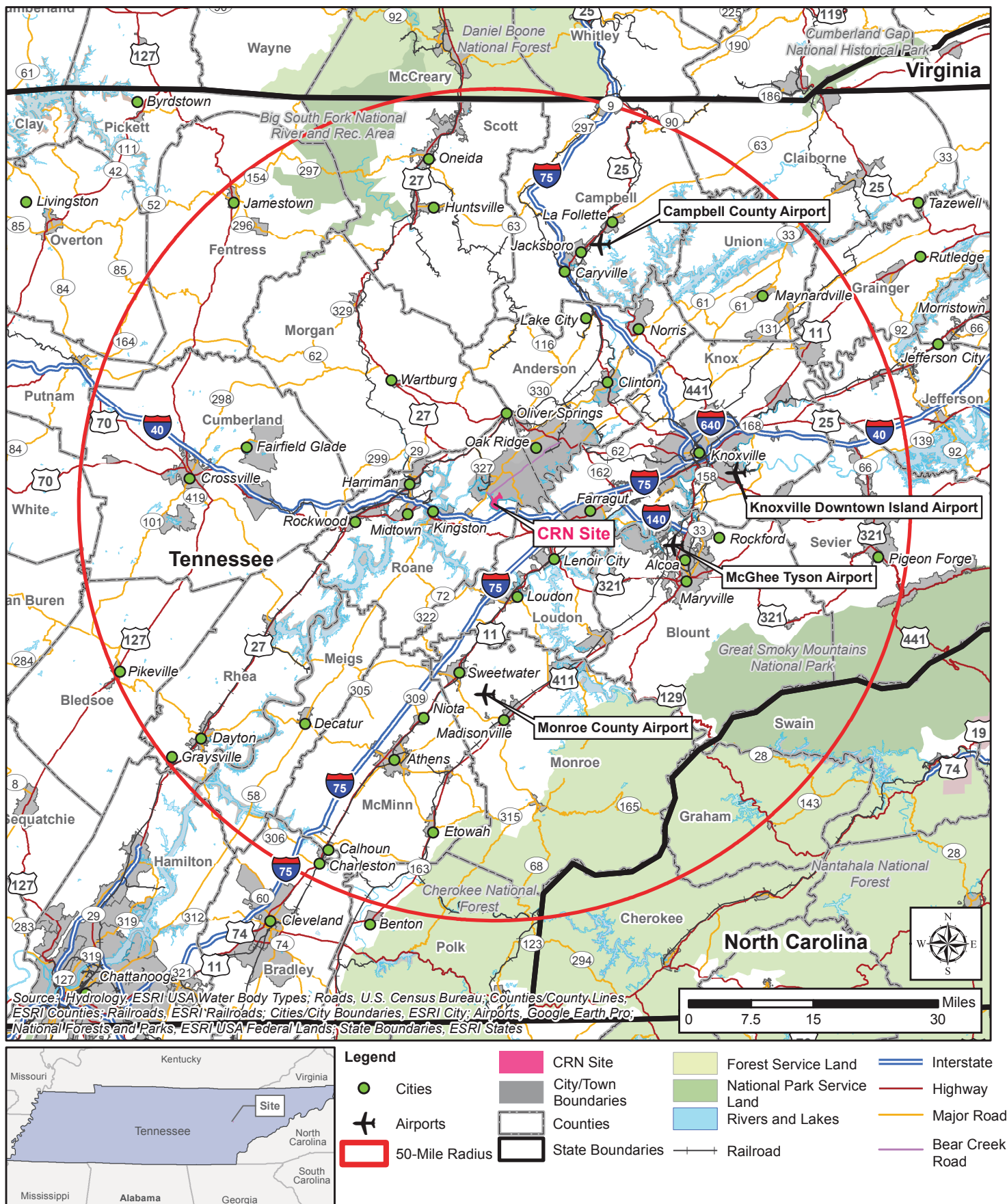
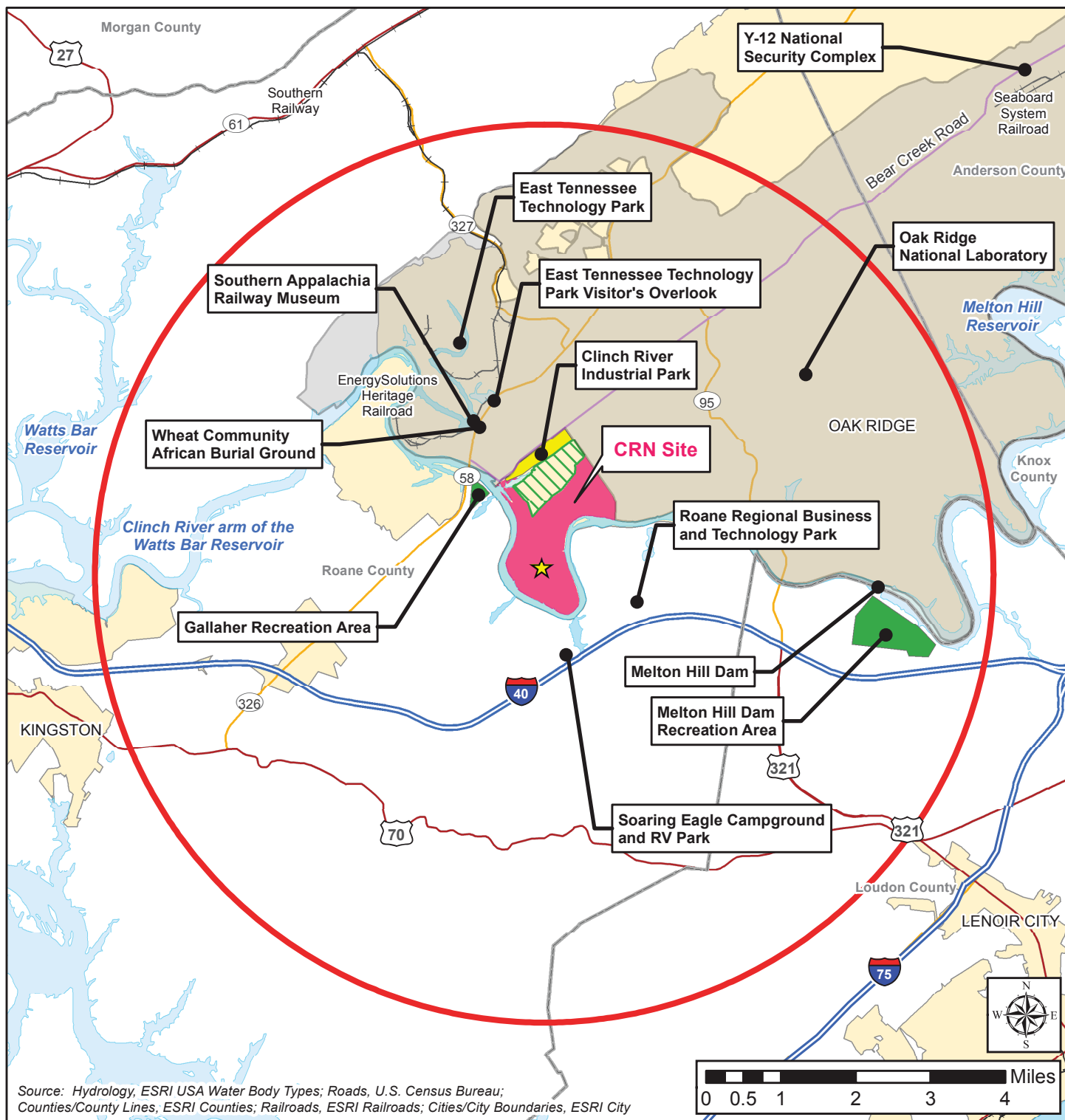


Figure 2.1-1. CRN Site 50-Mile Regional Map

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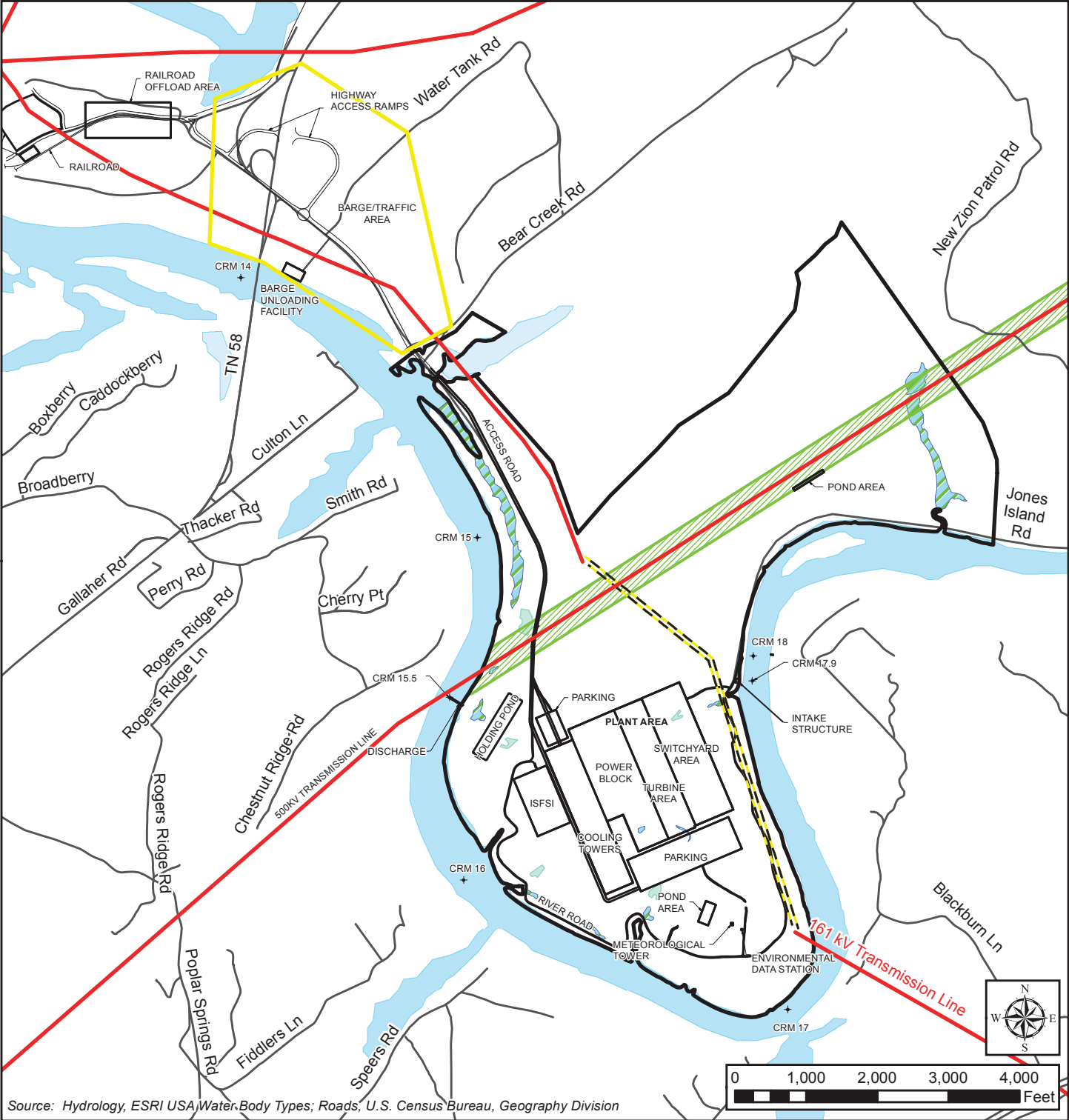


Legend

- | | | | |
|-------------------------|--------------------------------------|--------------------------------|-----------------|
| ★ CRN Site Center Point | Counties | Oak Ridge Reservation Boundary | Highway |
| 6-Mile Radius | Rivers and Lakes | Clinch River Industrial Area | Major Road |
| CRN Site | Grassy Creek Habitat Protection Area | Railroad | Bear Creek Road |
| Town/City Boundaries | Recreation Areas | Interstate | |

Figure 2.1-2. CRN Site 6-Mile Vicinity Map

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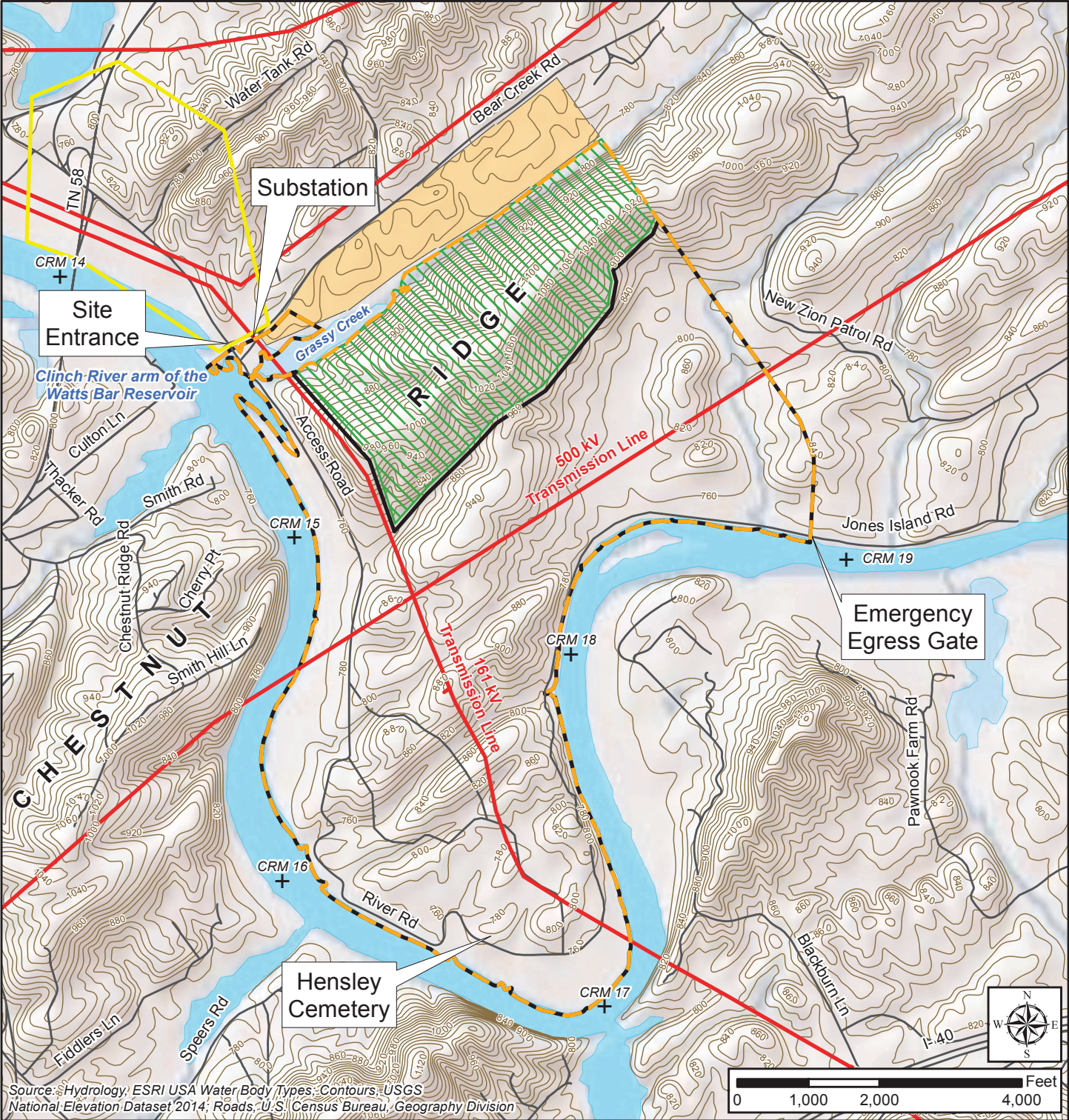


Legend

- | | | |
|------------------|---------------------------------------|--|
| CRN Site | Barge/Traffic Area | Transmission Line |
| Rivers and Lakes | 500 kV Transmission Line Right-of-Way | Approximate Proposed 161 kV Transmission Line Relocation |
| Ponds | | |
| Wetland | | |

Figure 2.1-3. CRN Site Layout

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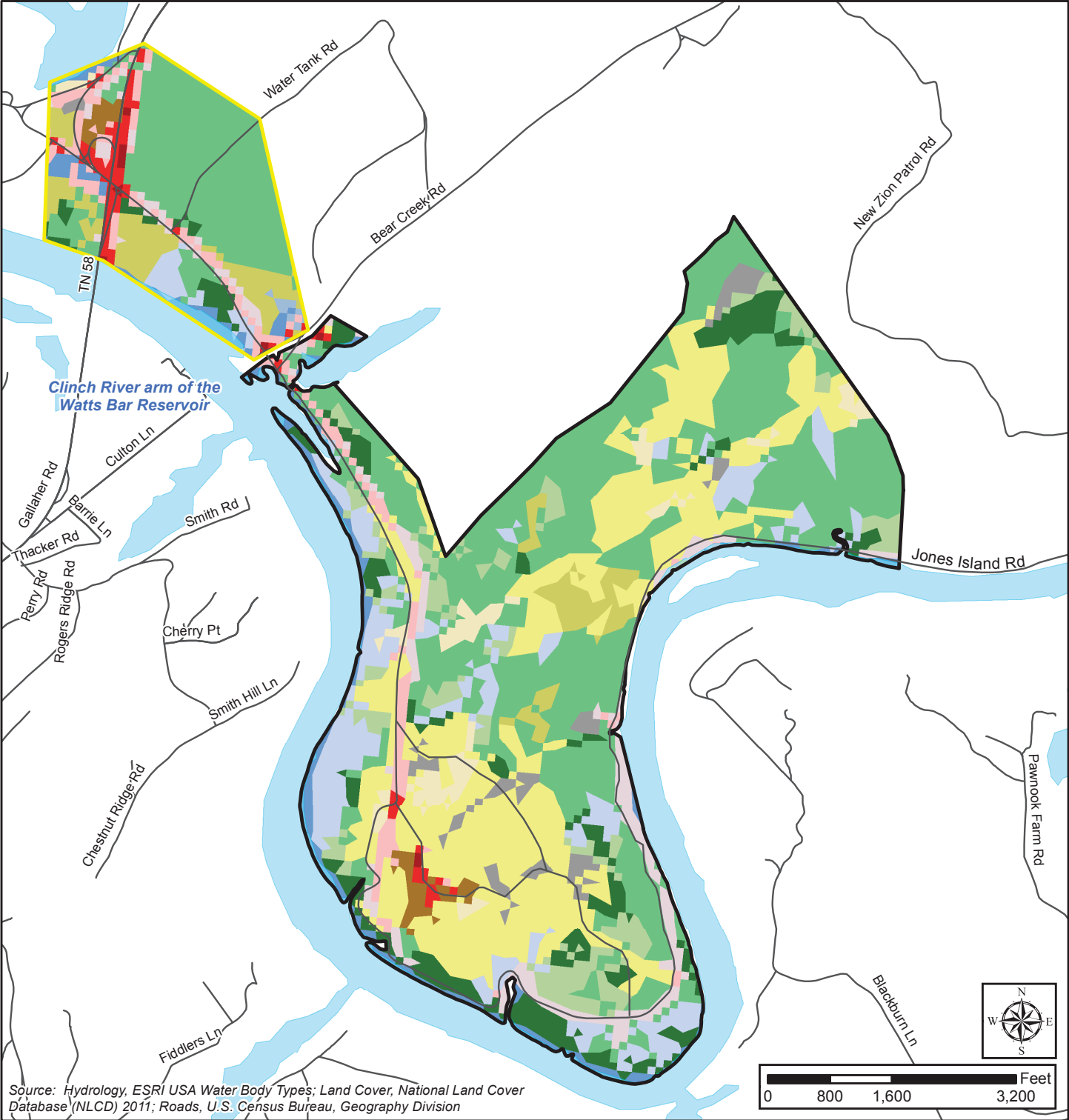


Legend

- | | | | | | |
|---|-------------------------|--|--------------------------------------|--|-------------------|
| + | Clinch River Mile (CRM) | | Barge/Traffic Area | | Transmission Line |
| | CRN Site | | Clinch River Industrial Park | | Local Road |
| | Rivers and Lakes | | Grassy Creek Habitat Protection Area | | 20' Contour Lines |
| | Clinch River Property | | | | |

Figure 2.2-1. CRN Site Topographic Map

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Land Cover

Barren Land (Rock/Sand/Clay)	Developed, Medium Intensity	Mixed Forest	Roads
Cultivated Crops	Developed, Open Space	Open Water	CRN Site
Deciduous Forest	Emergent Herbaceous Wetlands	Pasture/Hay	Barge/Traffic Area
Developed, High Intensity	Evergreen Forest	Shrub/Scrub	Rivers and Lakes
Developed, Low Intensity	Grassland/Herbaceous	Woody Wetlands	

Figure 2.2-2. CRN Site Land Cover Types

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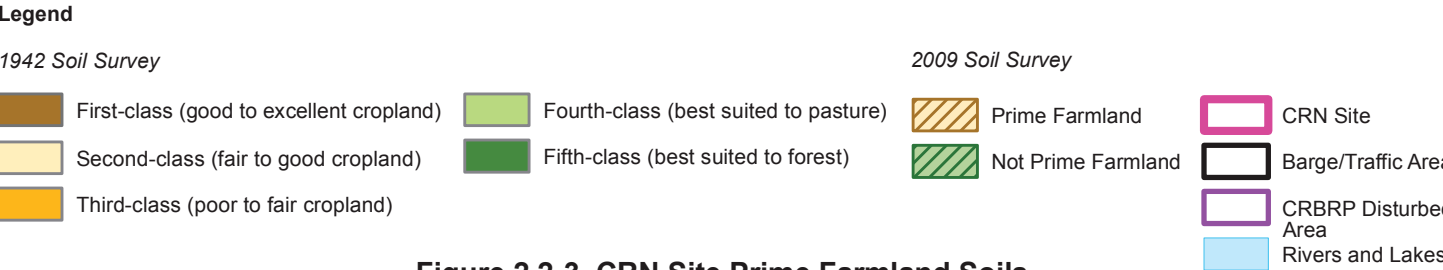
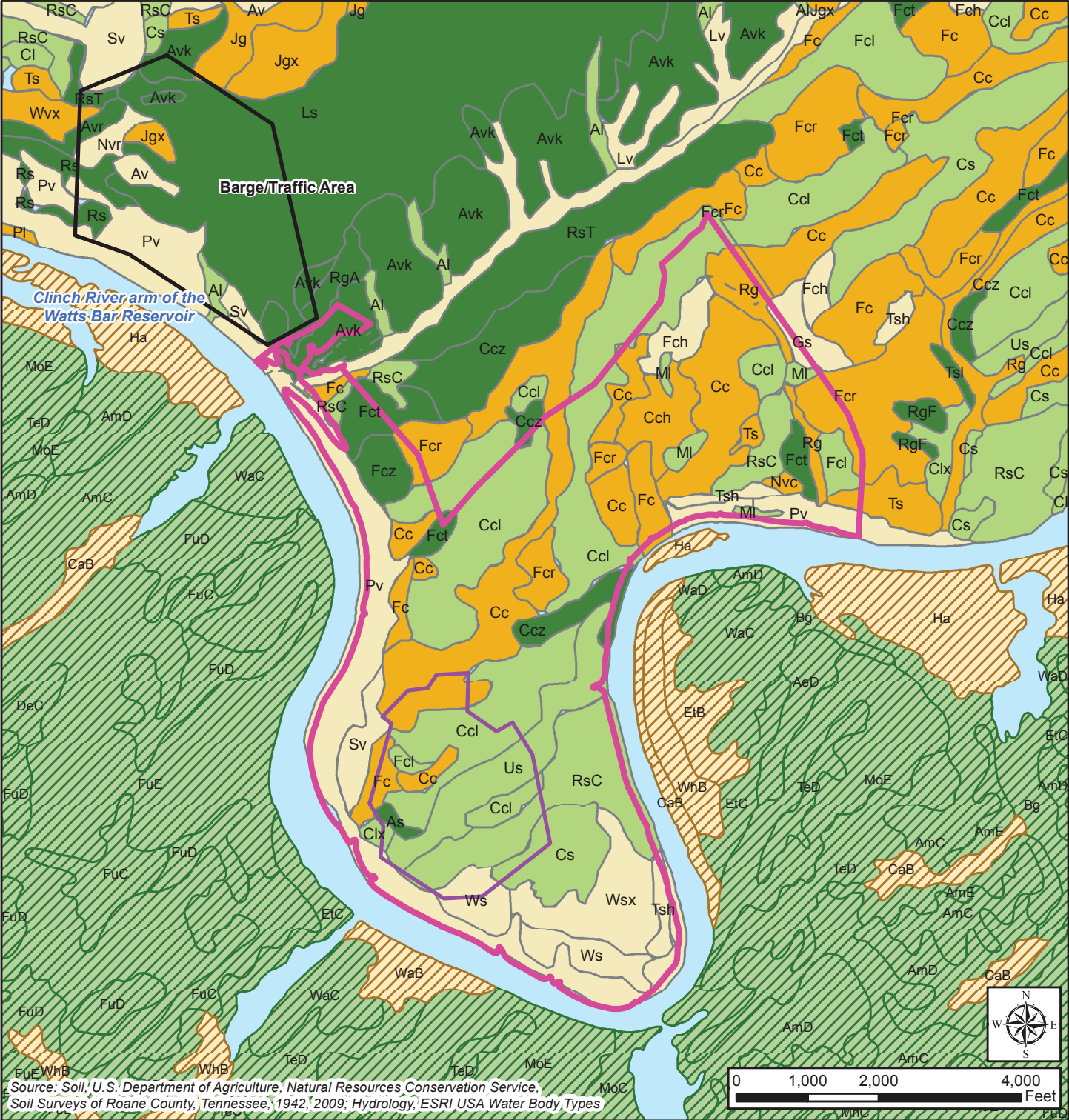
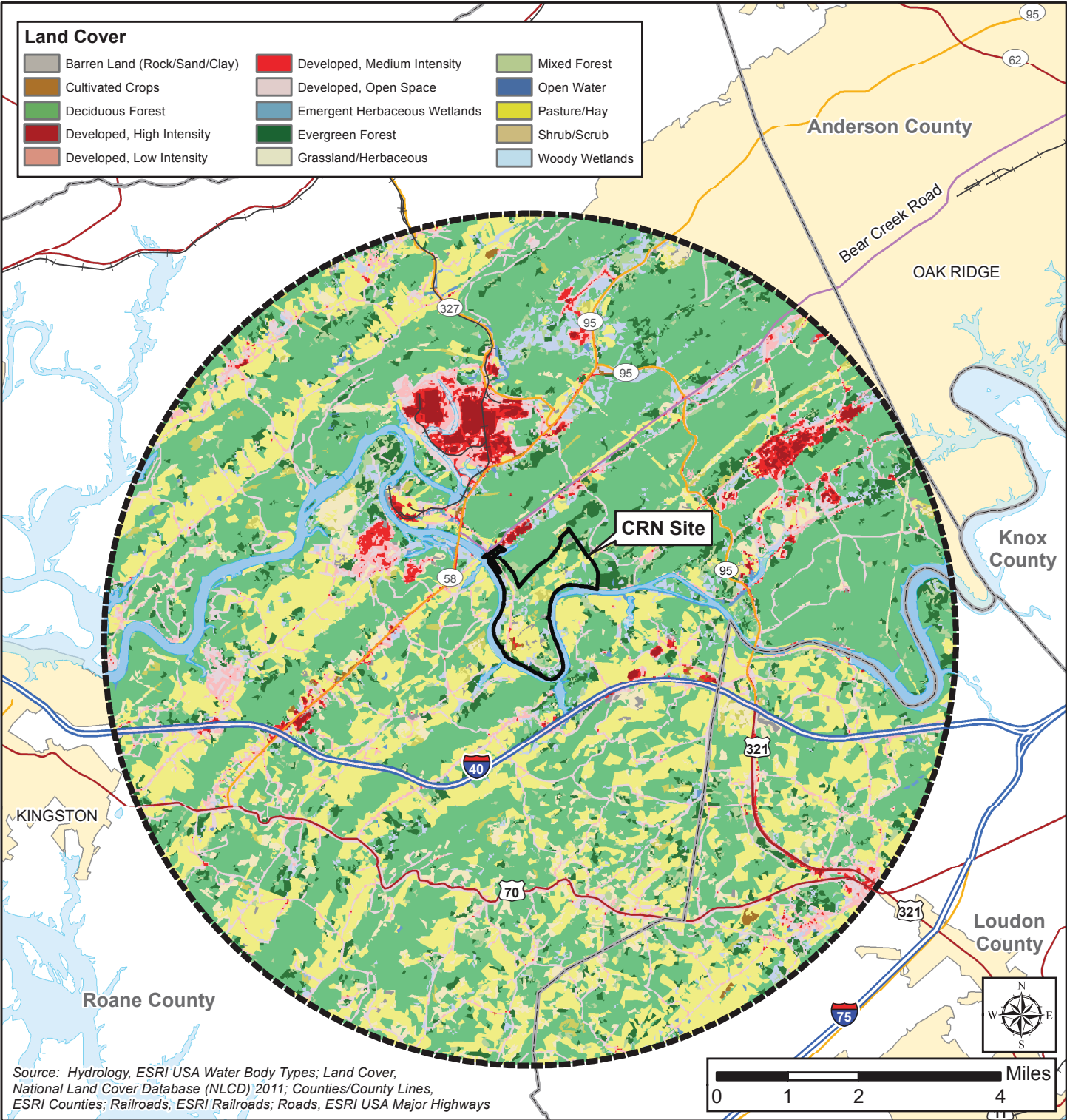


Figure 2.2-3. CRN Site Prime Farmland Soils

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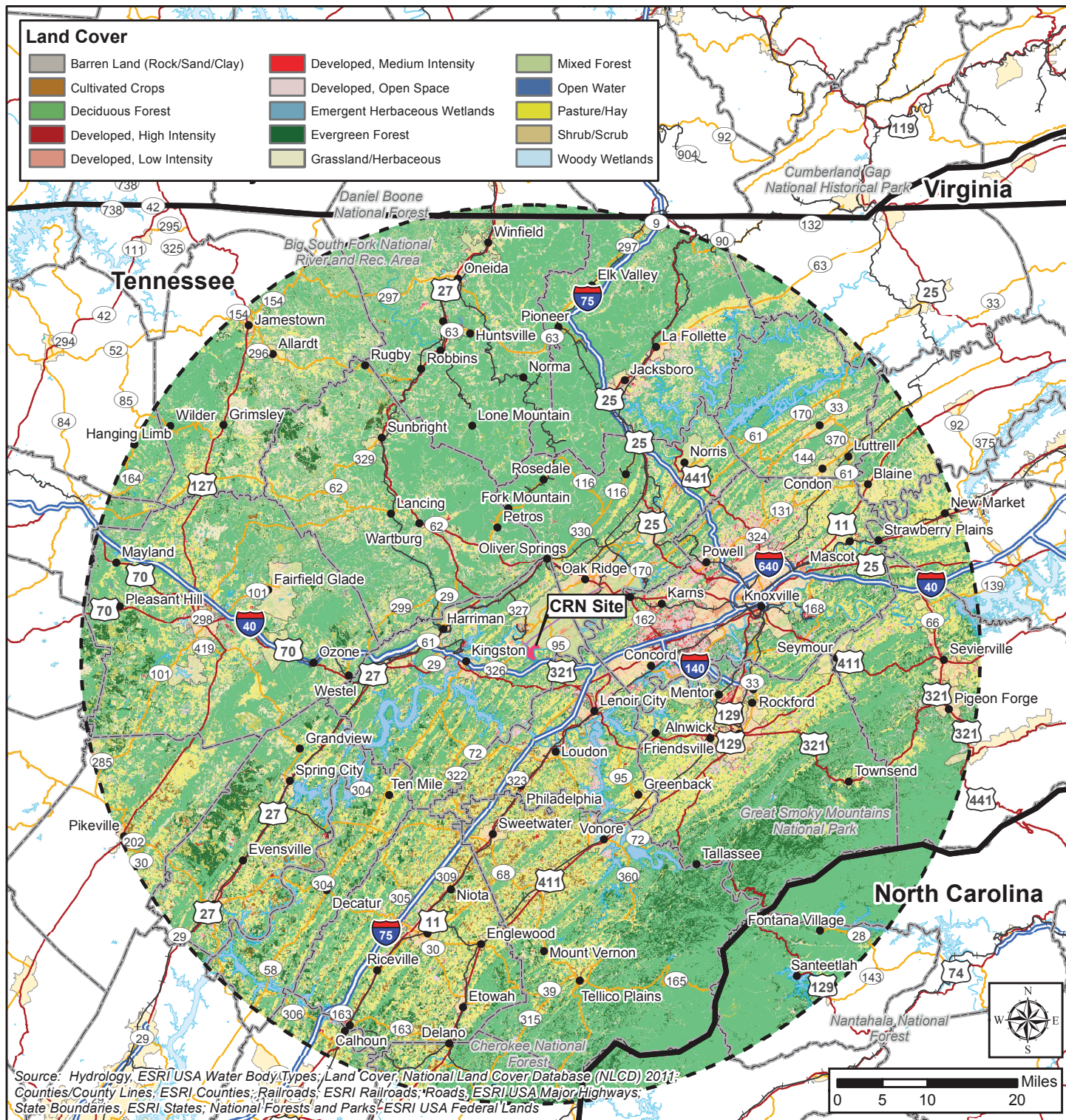


Legend

- | | | | |
|----------------------|------------------|------------|-----------------|
| 6-Mile Radius | Rivers and Lakes | Highway | Bear Creek Road |
| CRN Site | Railroad | Major Road | |
| City/Town Boundaries | Interstate | | |
| Counties | | | |

Figure 2.2-4. CRN Site 6-Mile Vicinity Land Cover Map

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Legend

- 50-Mile Radius
- CRN Site
- Counties
- State Boundaries
- Rivers and Lakes
- Railroad
- Interstate
- Highway
- Major Road
- Bear Creek Road

Figure 2.2-5. CRN Site 50-Mile Regional Land Cover Map