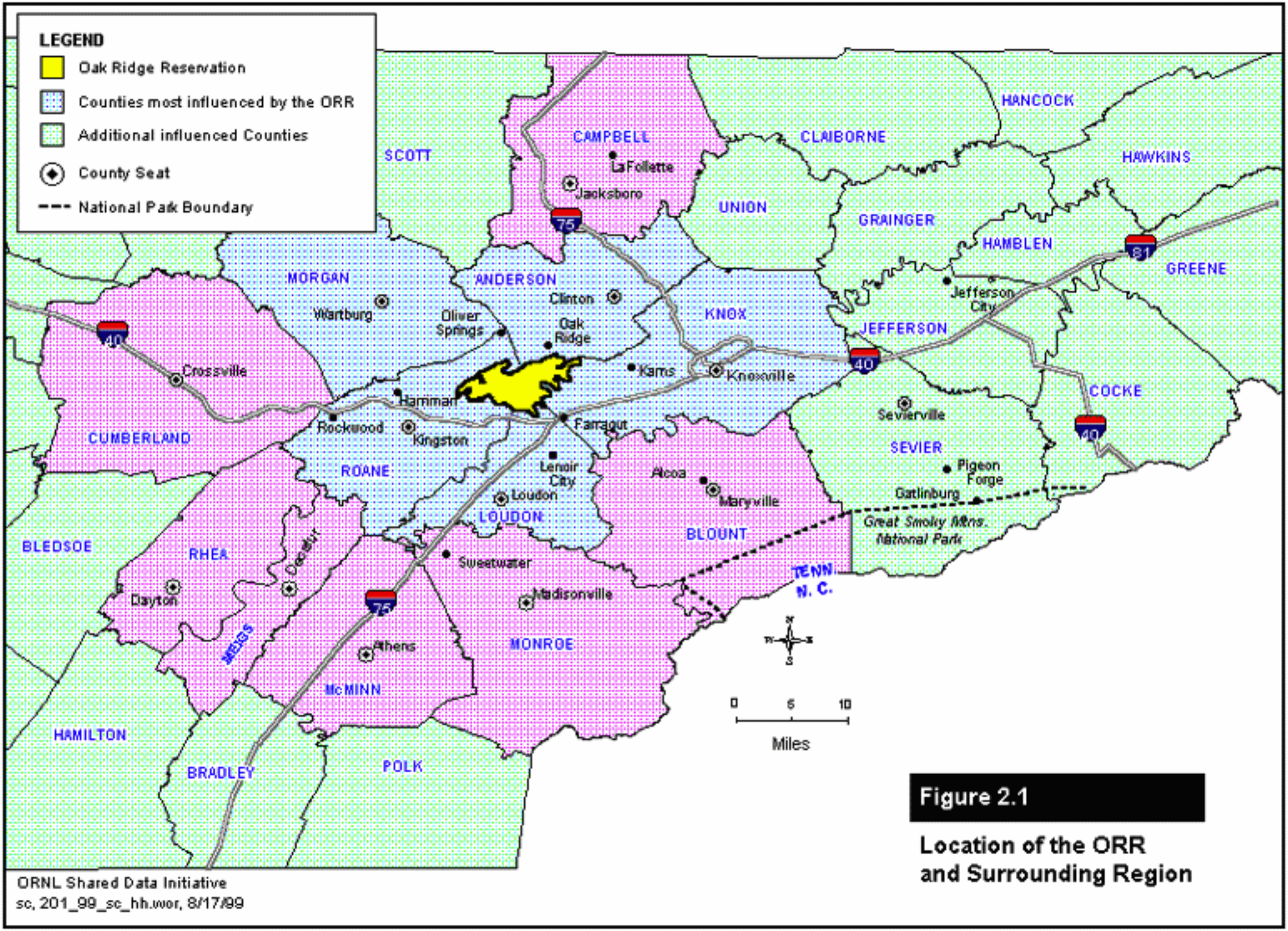


Figure 2.1

Location of the ORR and Surrounding Region

ORNL Shared Data Initiative
sc, 201_99_sc_hh.wor, 8/17/99

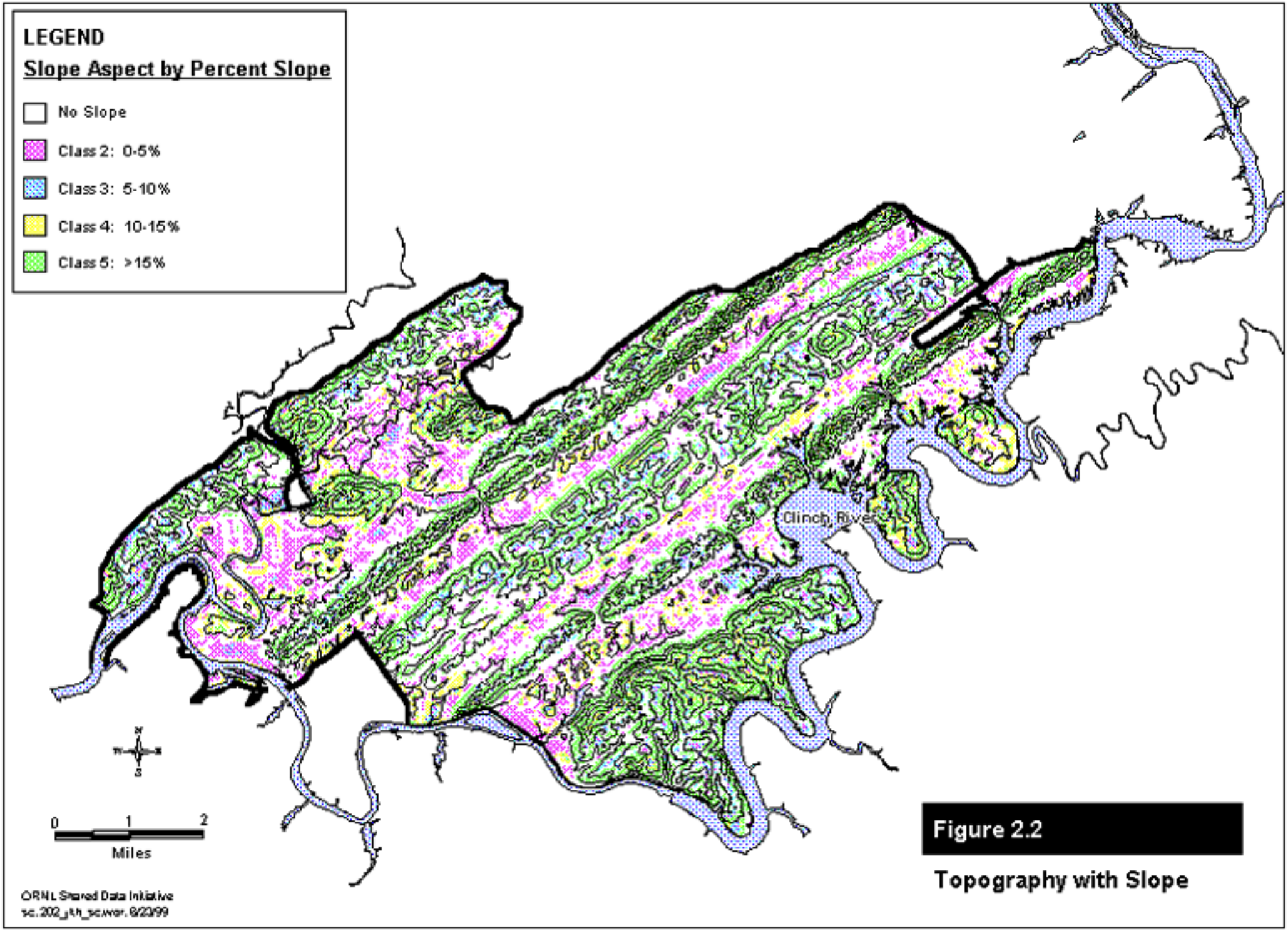


Figure 2.2

Topography with Slope

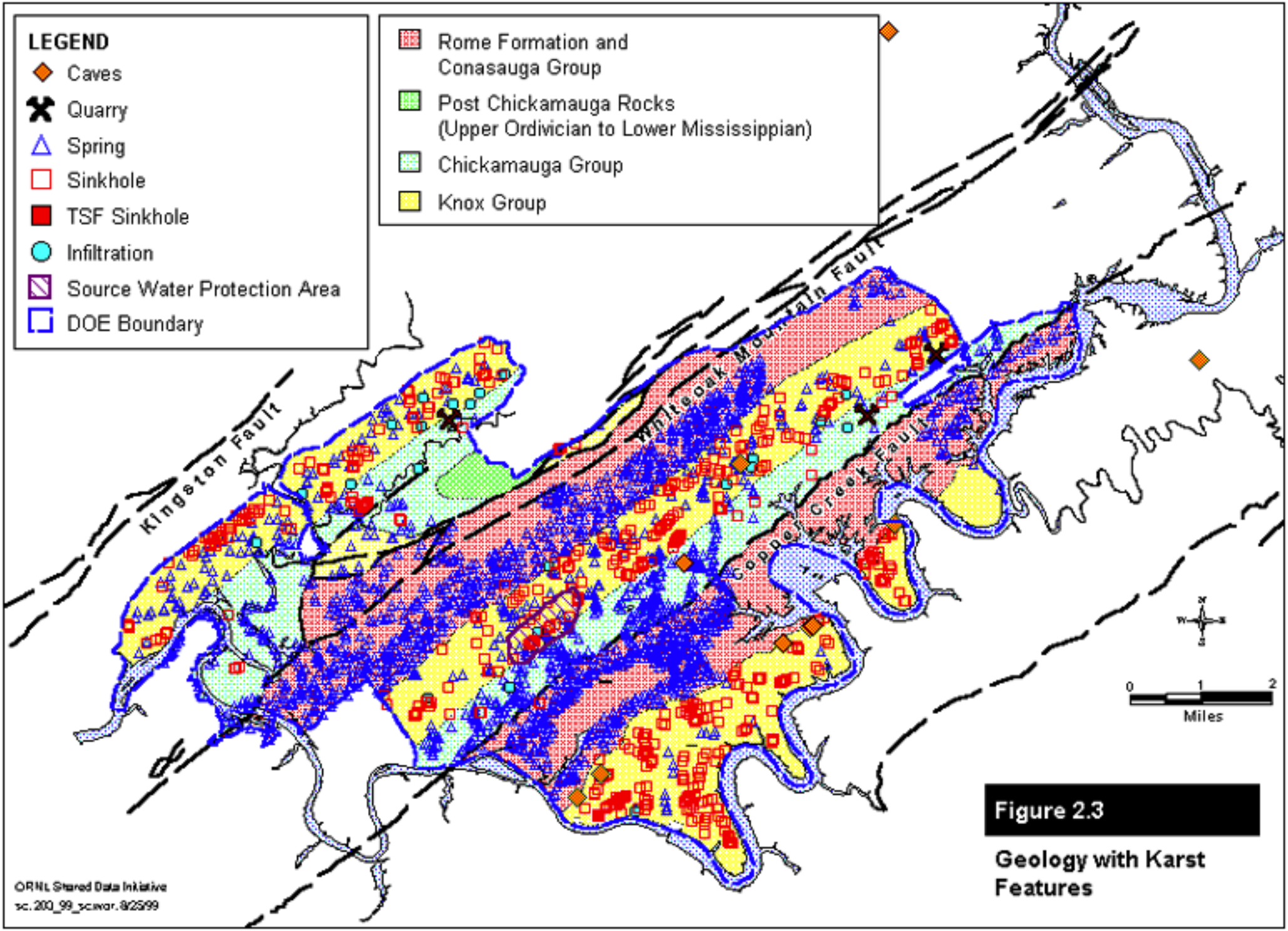


Figure 2.3

Geology with Karst Features

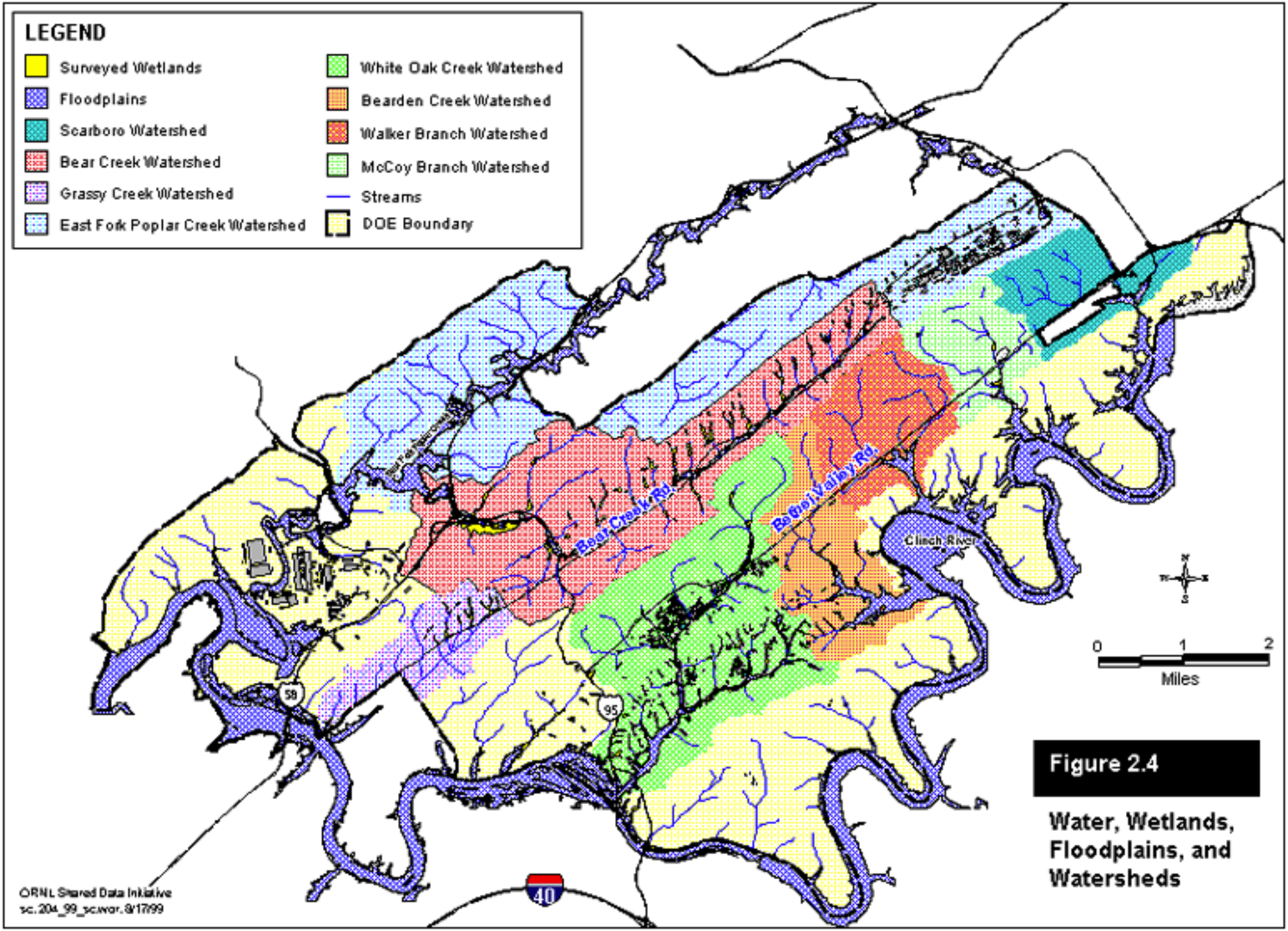


Figure 2.4

Water, Wetlands, Floodplains, and Watersheds

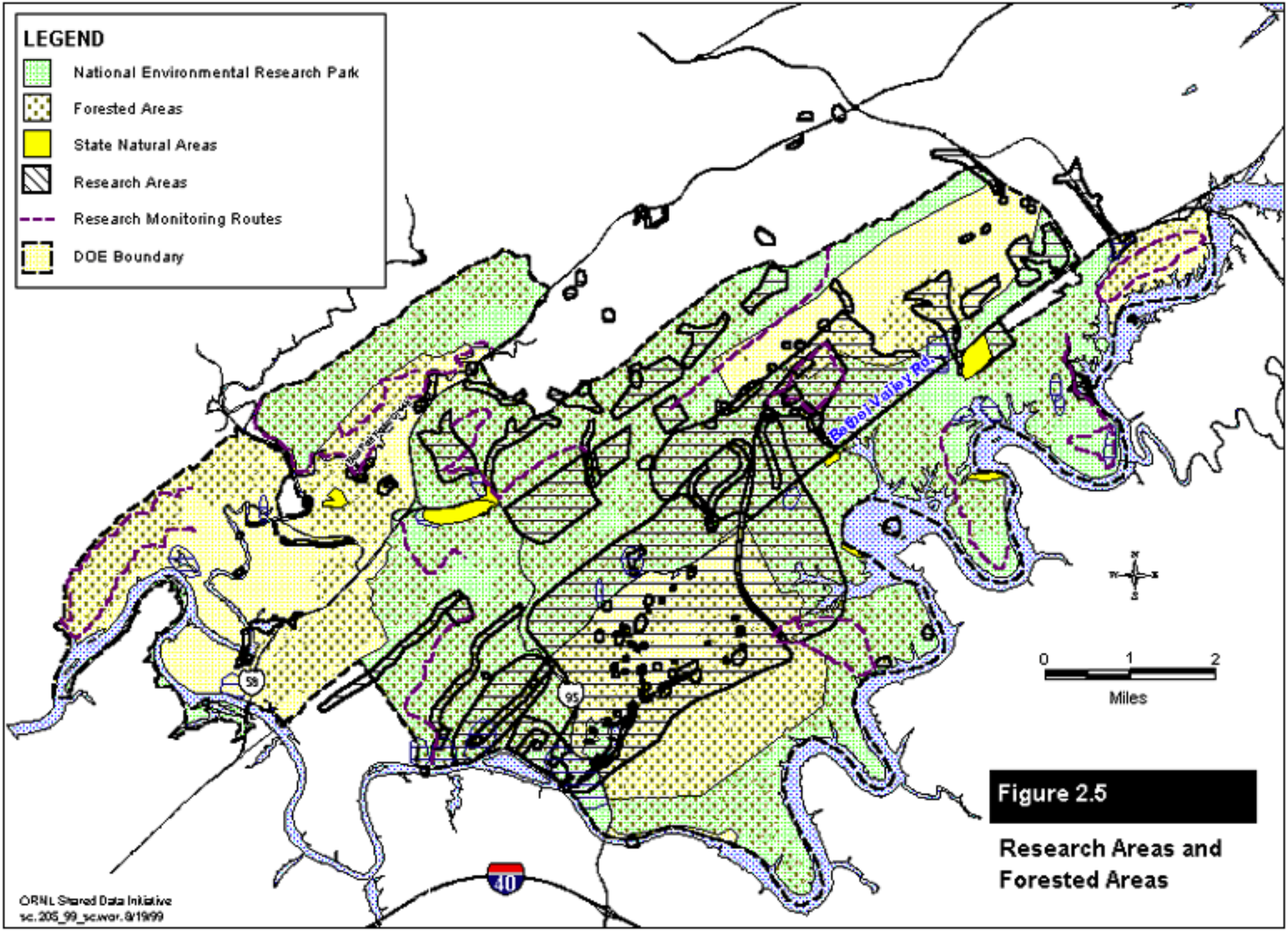


Figure 2.5

Research Areas and Forested Areas

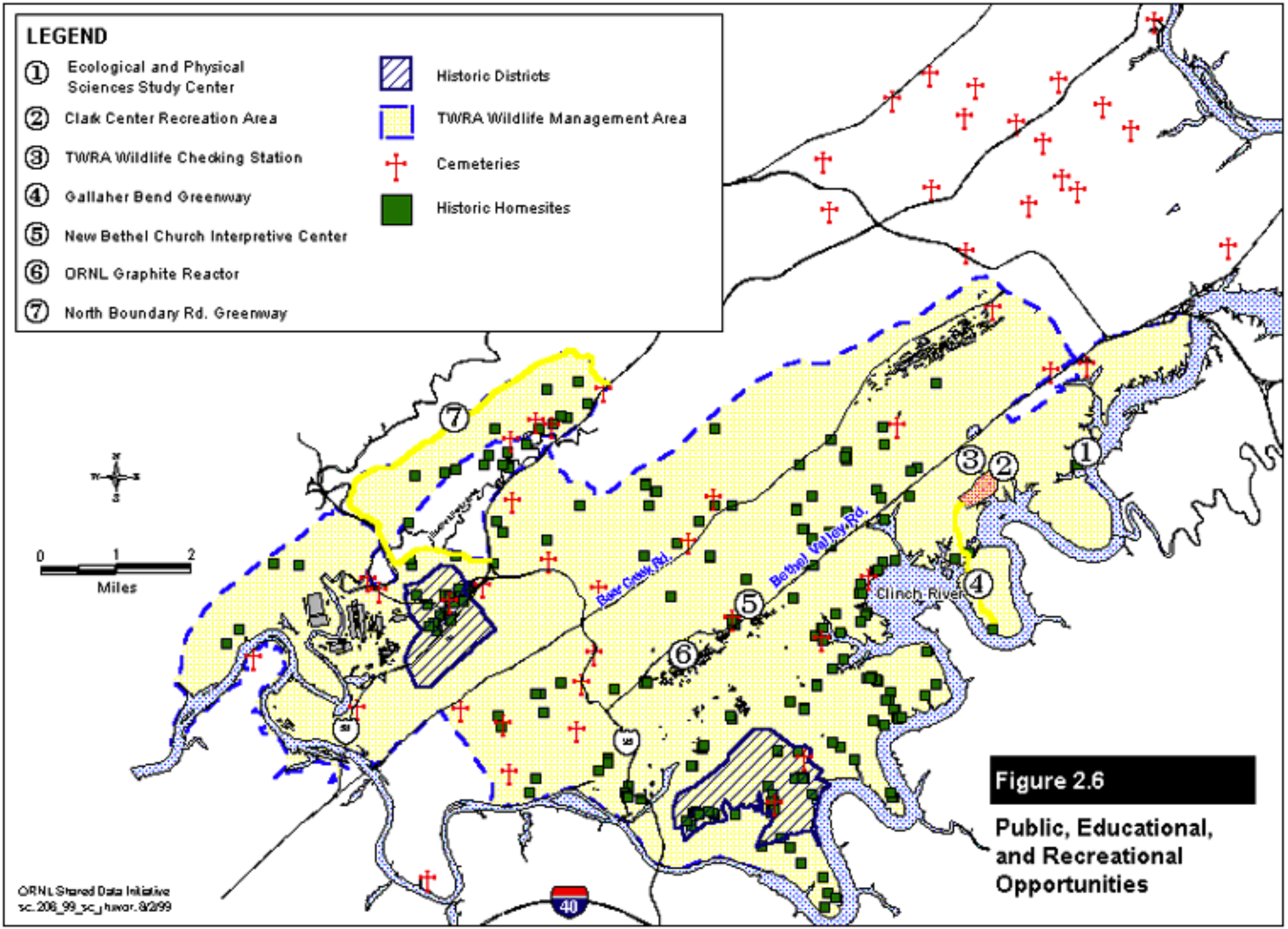


Figure 2.6

Public, Educational, and Recreational Opportunities

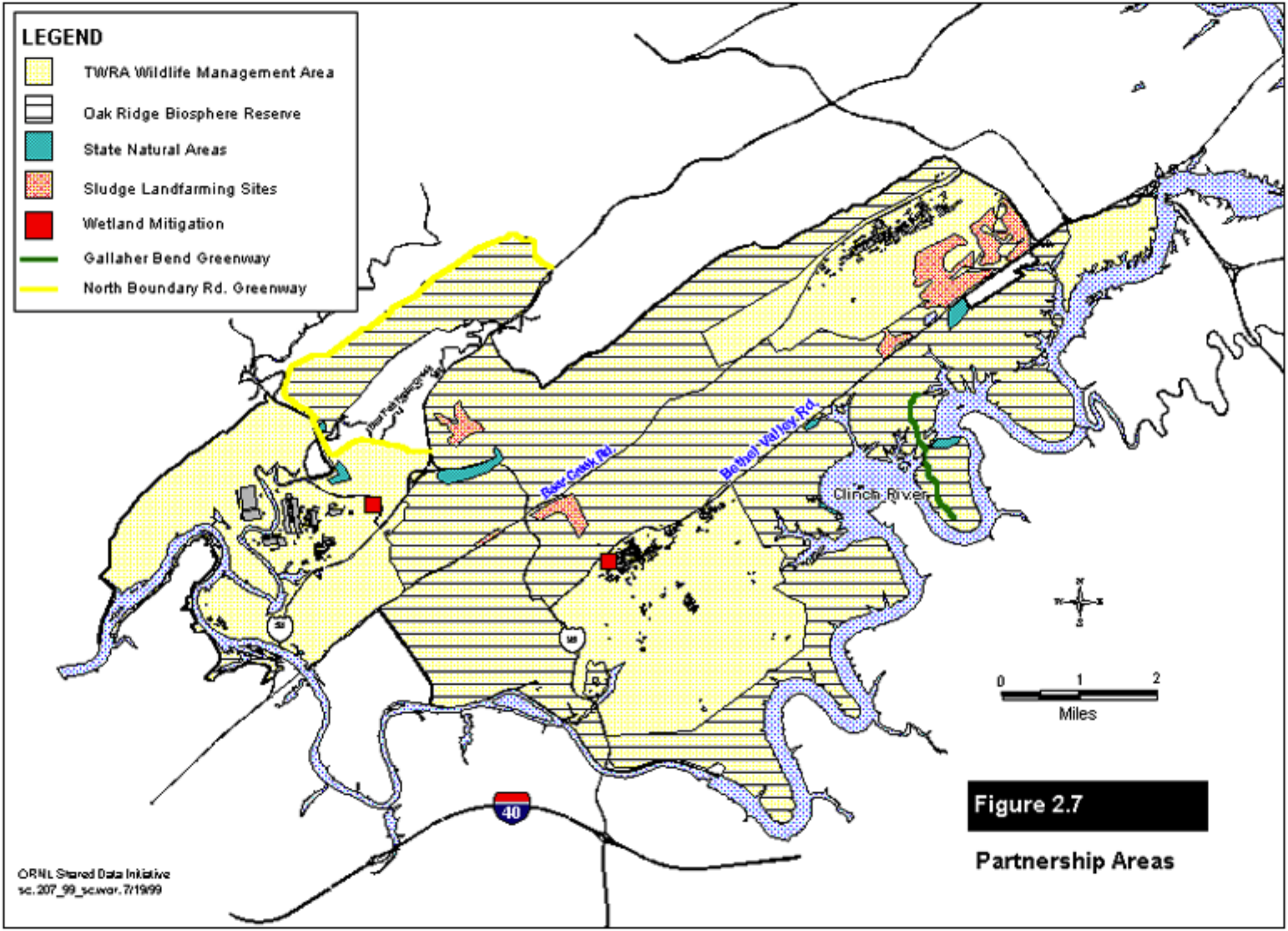


Figure 2.7

Partnership Areas

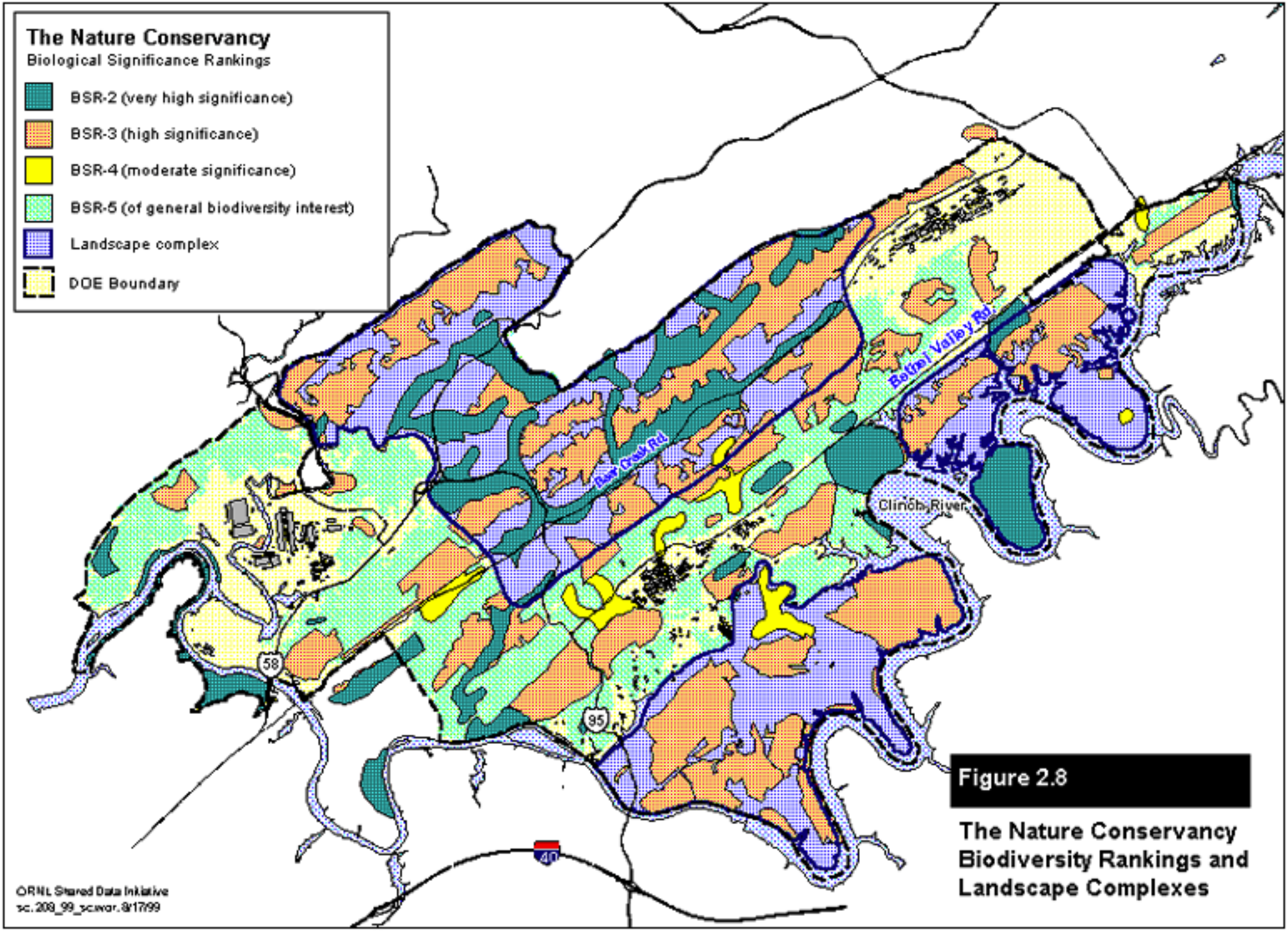


Figure 2.8

The Nature Conservancy Biodiversity Rankings and Landscape Complexes

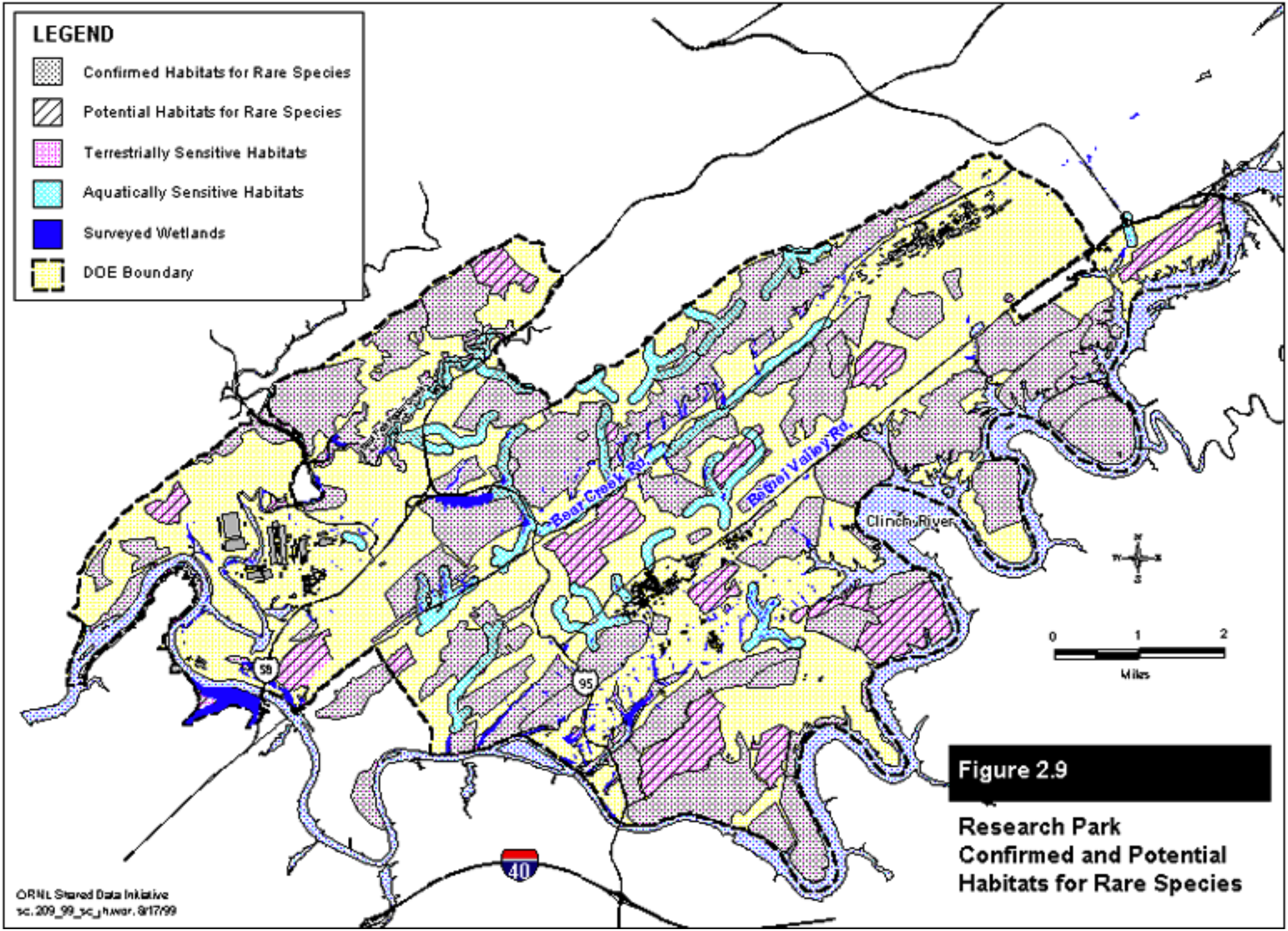


Figure 2.9

Research Park Confirmed and Potential Habitats for Rare Species

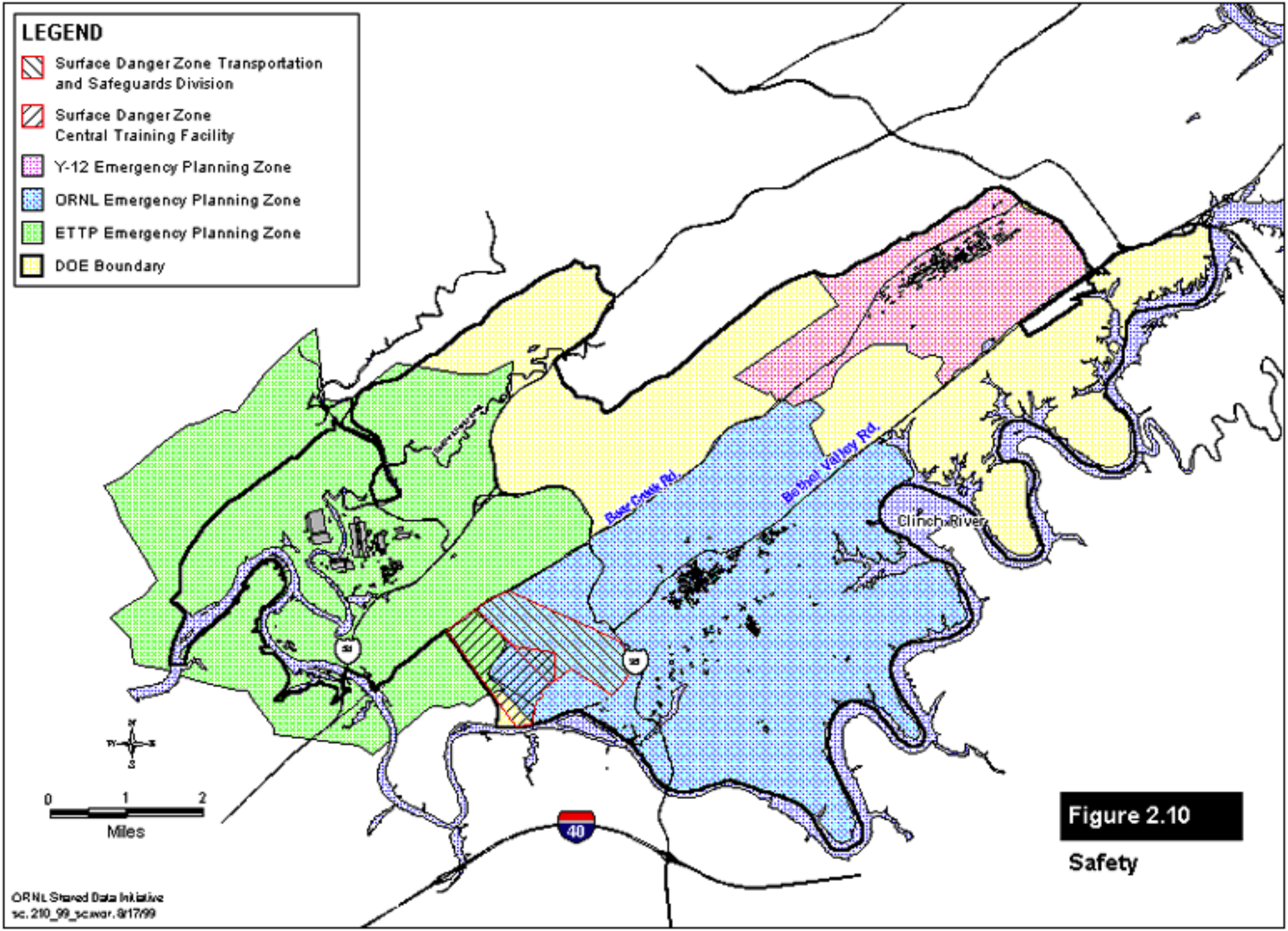


Figure 2.10

Safety

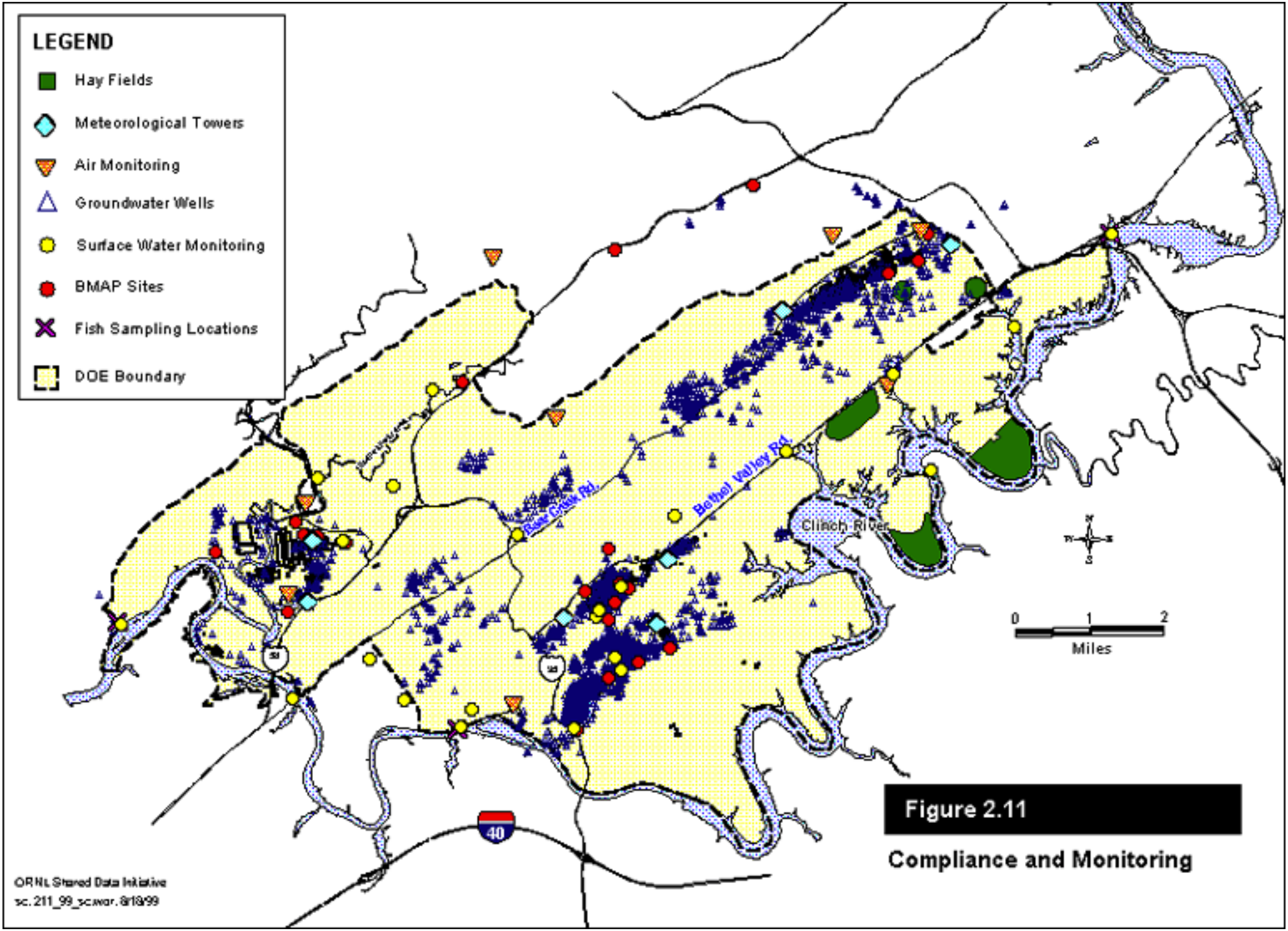


Figure 2.11

Compliance and Monitoring

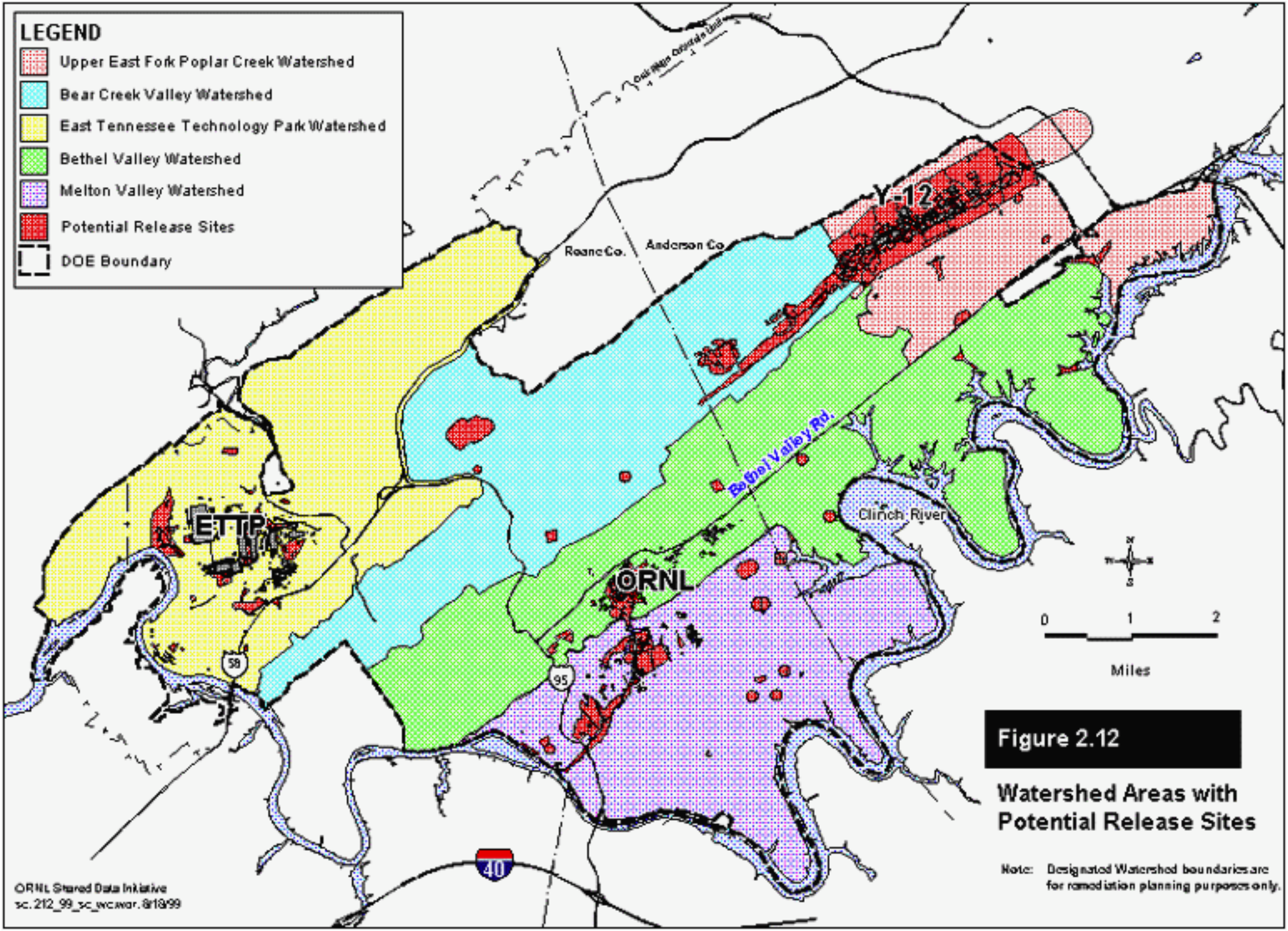


Figure 2.12

Watershed Areas with Potential Release Sites

Note: Designated Watershed boundaries are for remediation planning purposes only.

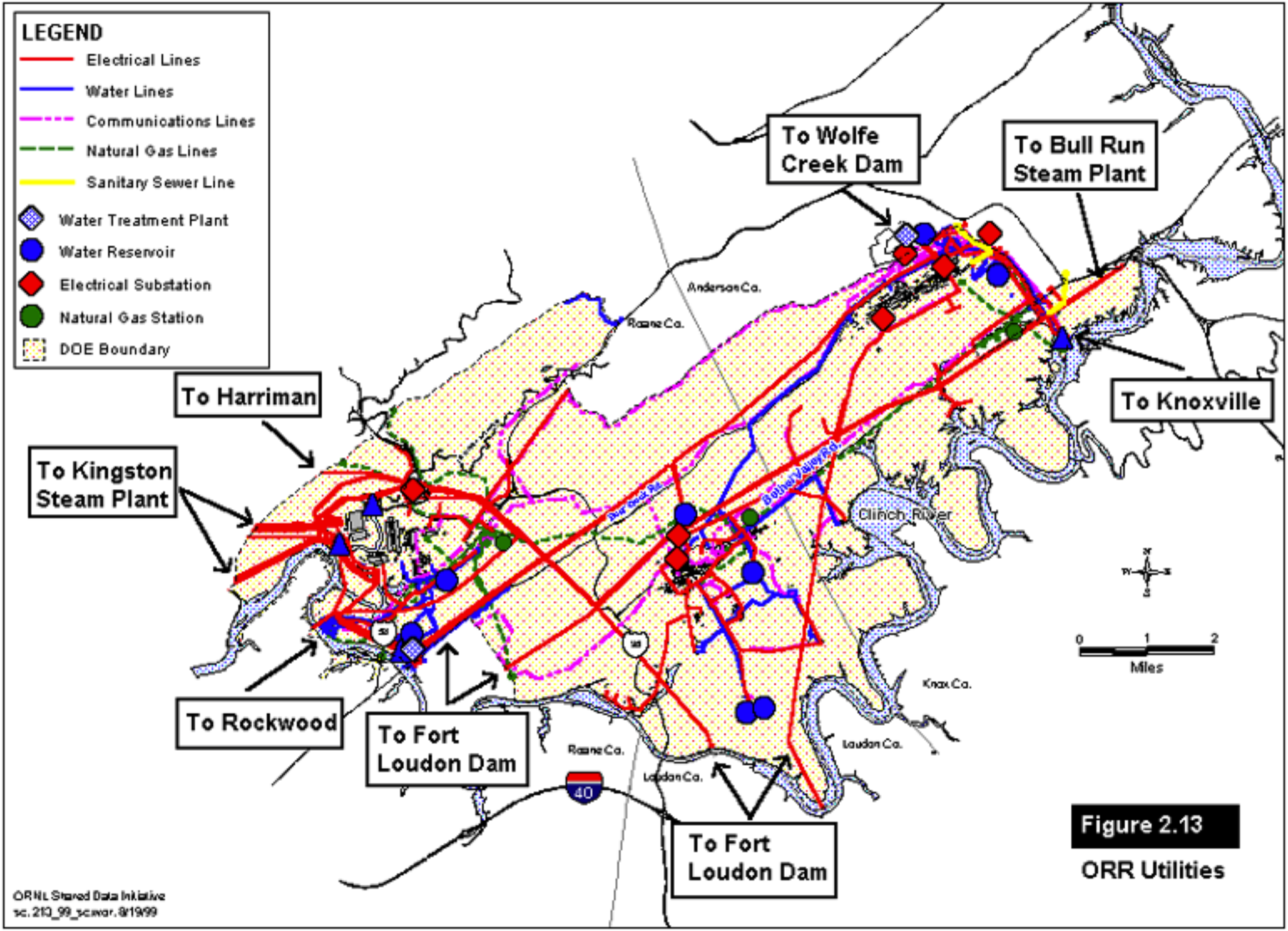


Figure 2.13

ORR Utilities

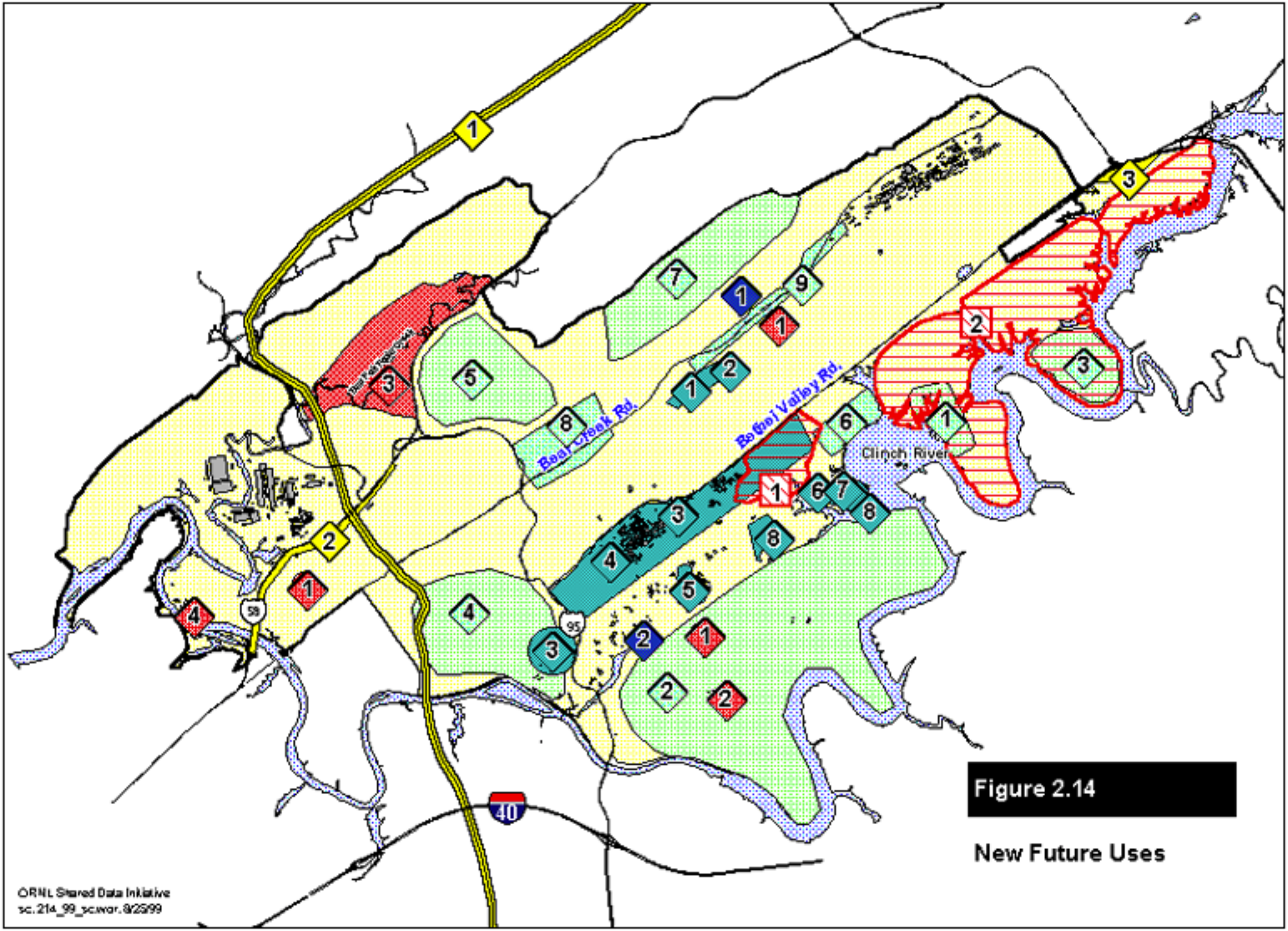
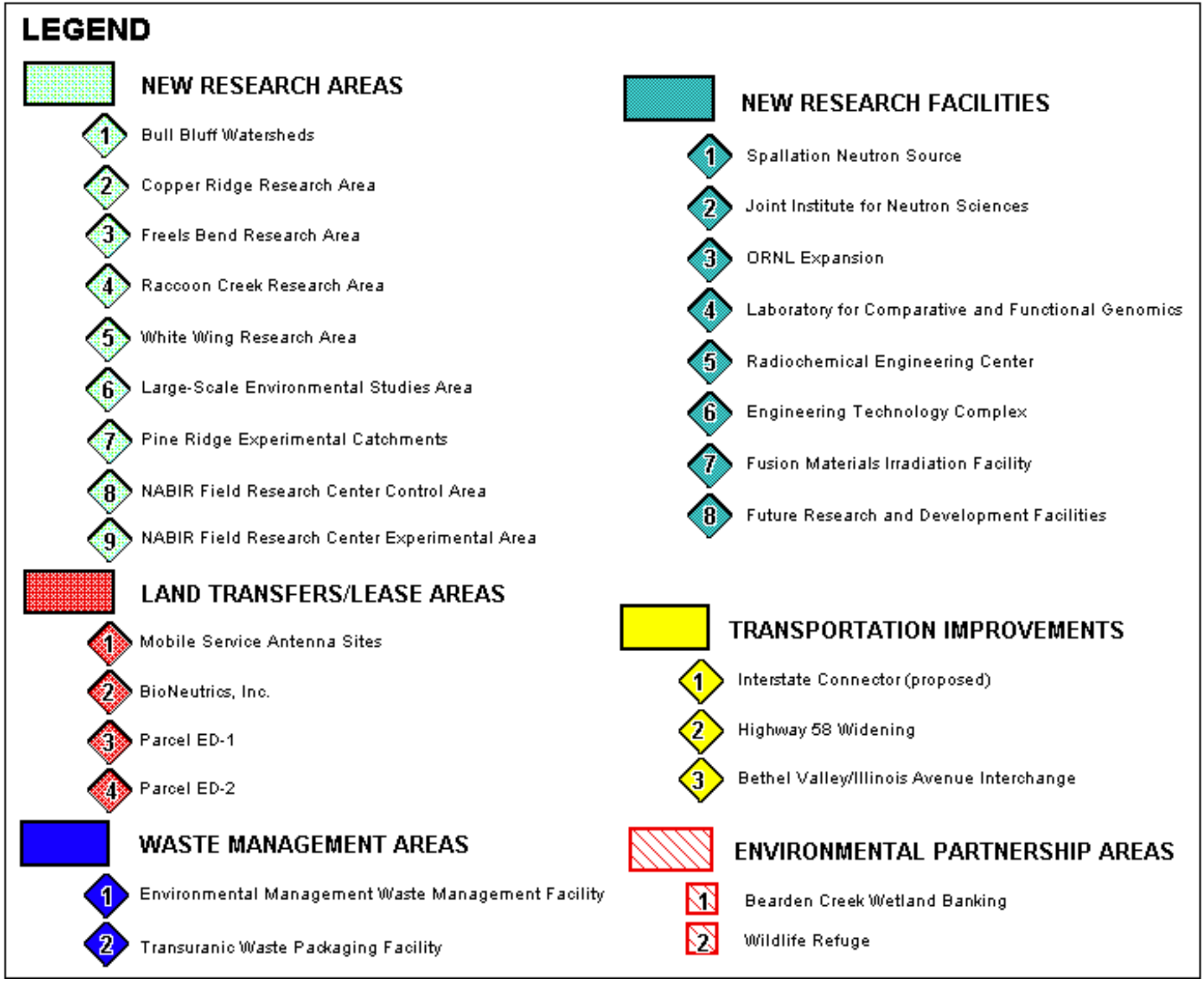


Figure 2.14

New Future Uses


LEGEND
NEW RESEARCH AREAS
1 Bull Bluff Watersheds
2 Copper Ridge Research Area
3 Freels Bend Research Area
4 Raccoon Creek Research Area
5 White Wing Research Area
6 Large-Scale Environmental Studies Area
7 Pine Ridge Experimental Catchments
8 NABIR Field Research Center Control Area
9 NABIR Field Research Center Experimental Area
LAND TRANSFERS/LEASE AREAS
1 Mobile Service Antenna Sites
2 BioNeutrics, Inc.
3 Parcel ED-1
4 Parcel ED-2
WASTE MANAGEMENT AREAS
1 Environmental Management Waste Management Facility
2 Transuranic Waste Packaging Facility
NEW RESEARCH FACILITIES
1 Spallation Neutron Source
2 Joint Institute for Neutron Sciences
3 ORNL Expansion
4 Laboratory for Comparative and Functional Genomics
5 Radiochemical Engineering Center
6 Engineering Technology Complex
7 Fusion Materials Irradiation Facility
8 Future Research and Development Facilities
TRANSPORTATION IMPROVEMENTS
1 Interstate Connector (proposed)
2 Highway 58 Widening
3 Bethel Valley/Illinois Avenue Interchange
ENVIRONMENTAL PARTNERSHIP AREAS
1 Bearden Creek Wetland Banking
2 Wildlife Refuge