



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 177 ENTRY YEAR: 2010

Compartment Acreage: 299 County: Cheboygan

Revision Date: October 16, 2008

Stand Examiner: Tim Paulus

Legal Description: T36N R01E Sec 24

RMU (if applicable):

Management Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan with the primary emphasis being recreation.

Soil and Topography: The topography of the compartment is mostly rolling with a steep bluff along the shore line of Black Lake. Soils are a mix of sands and gravel.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

The lands to the east and west of the compartment are private resort and recreational ownerships. The lands to the north are mostly state owned and are part of the Black Mountain Recreation area.

Unique, Natural Features:

Some species are present .

Archeological, Historical, and Cultural Features.

One known archeological site within the compartment.

Special Management Designations or Considerations:

This compartment is primarily dedicated to recreation. Black Lake State Forest Campground, an access site to Black Lake, O.R.V. trail, and snowmobile trail all are within this compartment.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of lacustrine (lake) sand and gravel and dune sand. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Detroit River Group, used for dolomite/stone. Sand and gravel pits are located in this area, and there should be potential. This area has had no drilling for oil and gas and potential appears to be limited. None of the State lands are leased for oil and gas development.

Vehicle Access:

Vehicle access within this compartment has been well addressed. Some illegal ORV use is still taking place in the small sand pit just east of the upper campground.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Black Lake state Forest Campground, ORV trail, snowmobile trail, hunting, and fishing.

Fire Protection:

Fire response to the compartment will be covered by the Onaway DNR office as well as the Ocqueoc/Bearinger Fire Department.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 177

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	STAND AGE CLASS																All Aged	Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159		
Aspen						11													11
Mx Swmp Cnfr								13											13
Non Stocked	5																		5
Oak										143									143
Red Pine									74									53	127
Total	5					11		13	74	143								53	299

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **177**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Hardwood 1932 Cds	
Hardwood 466 Mbf	
Softwood 859 Cds	
Softwood 1038 Mbf	
Sum TotVol 5799 Cds	
Total Cmpnt Acres	Acres Proposed For Cut..... 0
299	

**Proposed Treatments
With NO Limiting Factors**

Compartment: 177

Entry Year: 2010

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
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Total Acres..... 0

**Proposed Treatments
With Limiting Factors**

Compartment: 177 **Entry Year: 2010**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

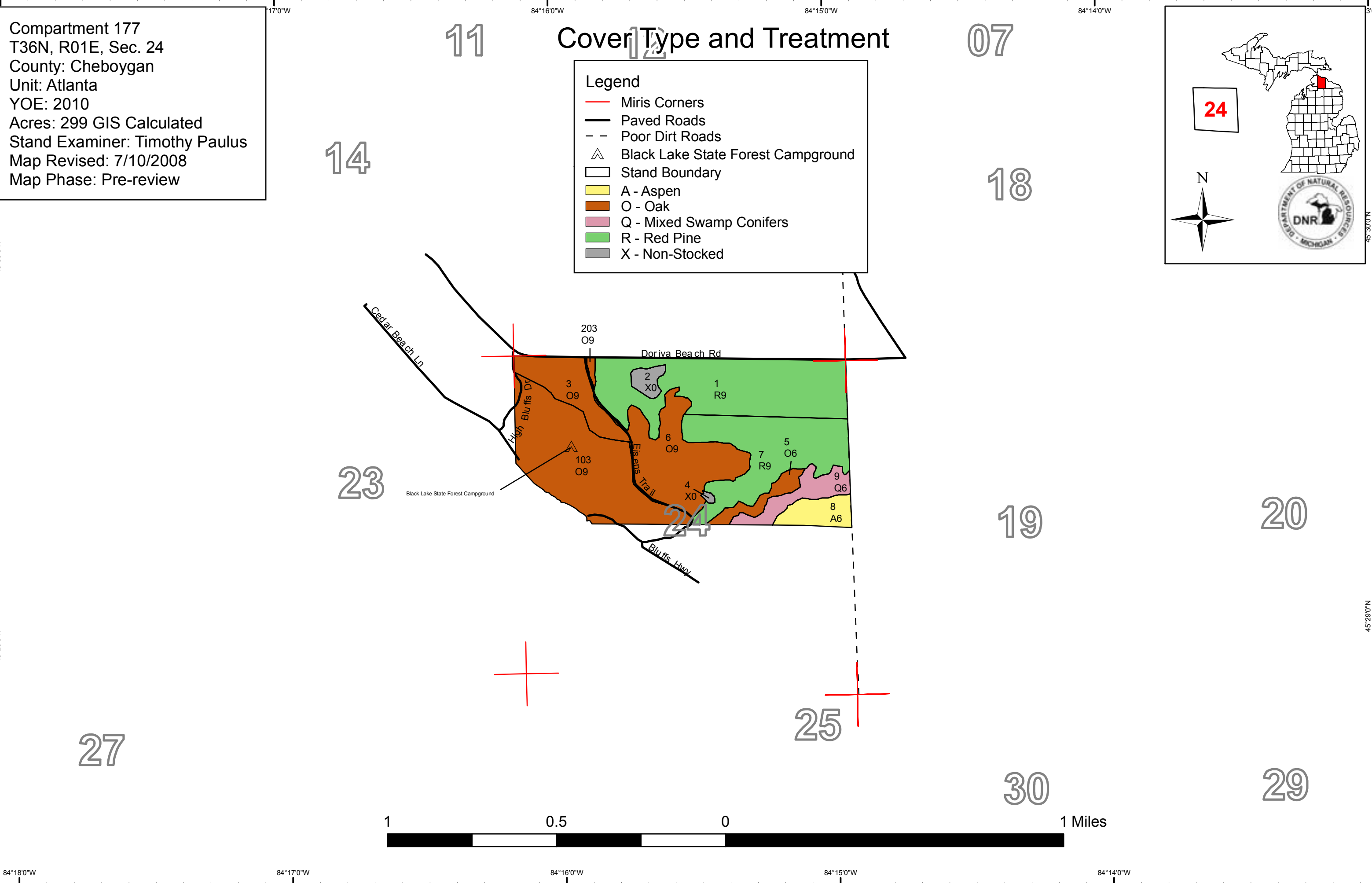
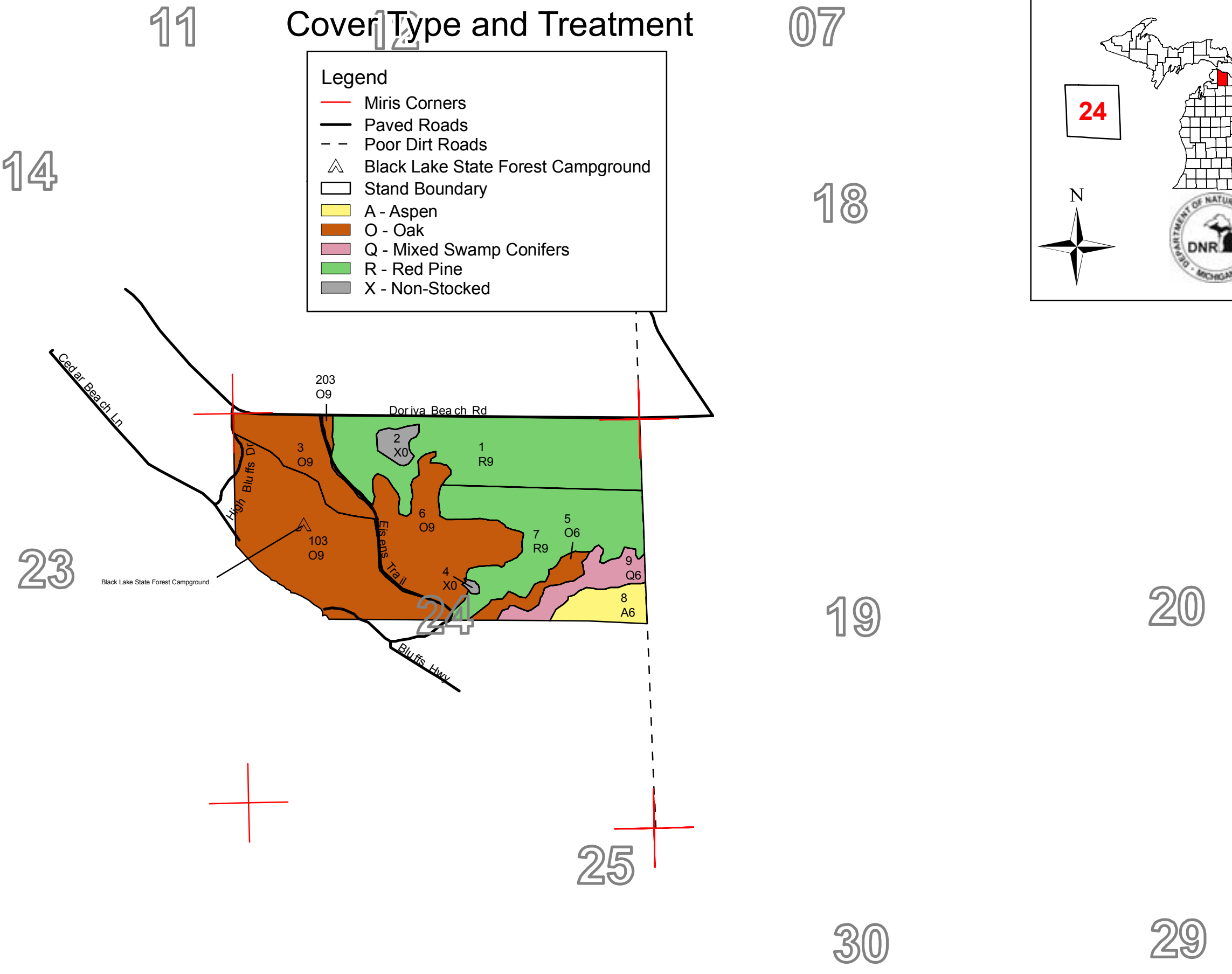
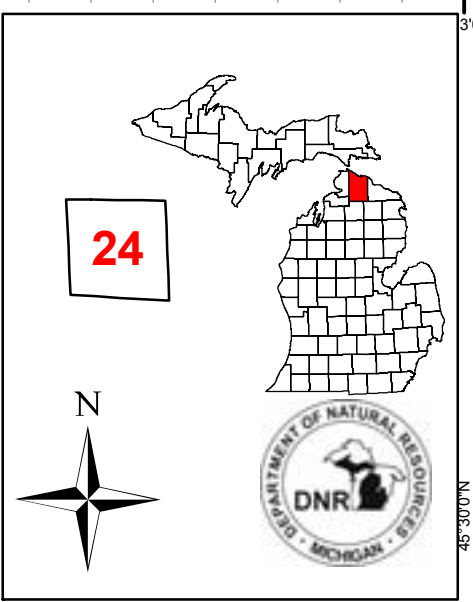
Total Acres..... **0**

Compartment 177
 T36N, R01E, Sec. 24
 County: Cheboygan
 Unit: Atlanta
 YOY: 2010
 Acres: 299 GIS Calculated
 Stand Examiner: Timothy Paulus
 Map Revised: 7/10/2008
 Map Phase: Pre-review

Cover Type and Treatment

Legend

- Miris Corners
- Paved Roads
- - - Poor Dirt Roads
- △ Black Lake State Forest Campground
- Stand Boundary
- A - Aspen
- O - Oak
- Q - Mixed Swamp Conifers
- R - Red Pine
- X - Non-Stocked



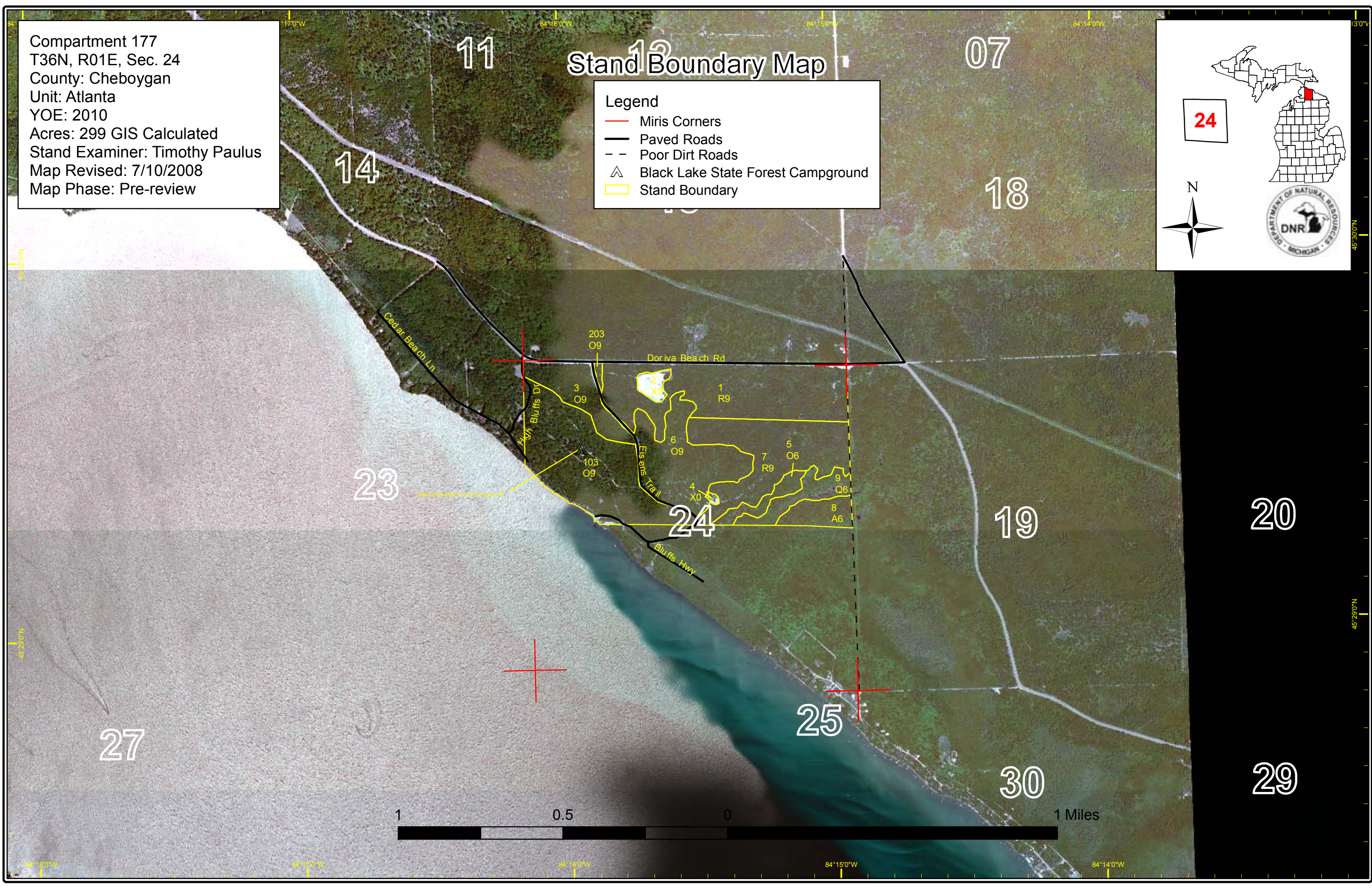
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Stand Boundary Map

Legend

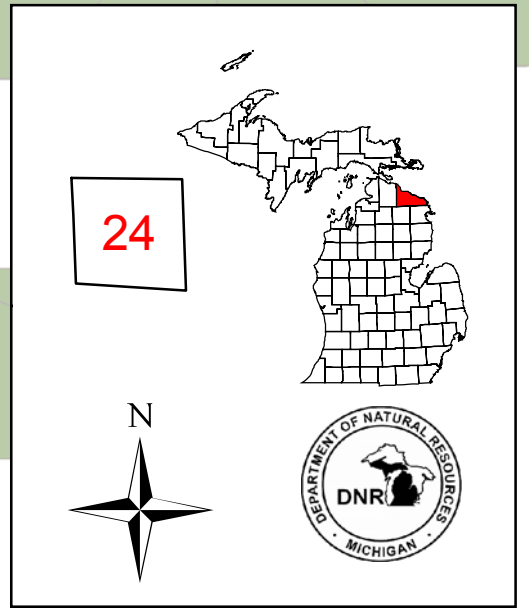
- Miris Corners
- Paved Roads
- - Poor Dirt Roads
- ▲ Black Lake State Forest Campground
- Stand Boundary

24



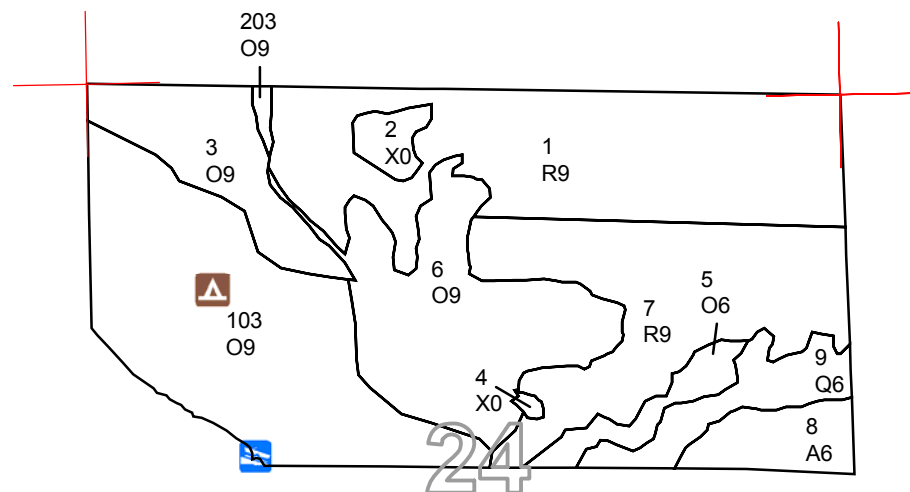
Dedicated & Proposed Special Conservation Area Map

Compartment 177
 T36N, R01E, Sec. 24
 County: Cheboygan
 Unit: Atlanta
 YOE: 2010
 Acres: 299 GIS Calculated
 Stand Examiner: Timothy Paulus
 Map Revised: 6/19/2008
 Map Phase: Pre-review

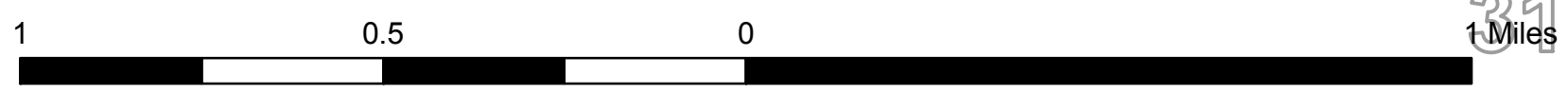


Legend

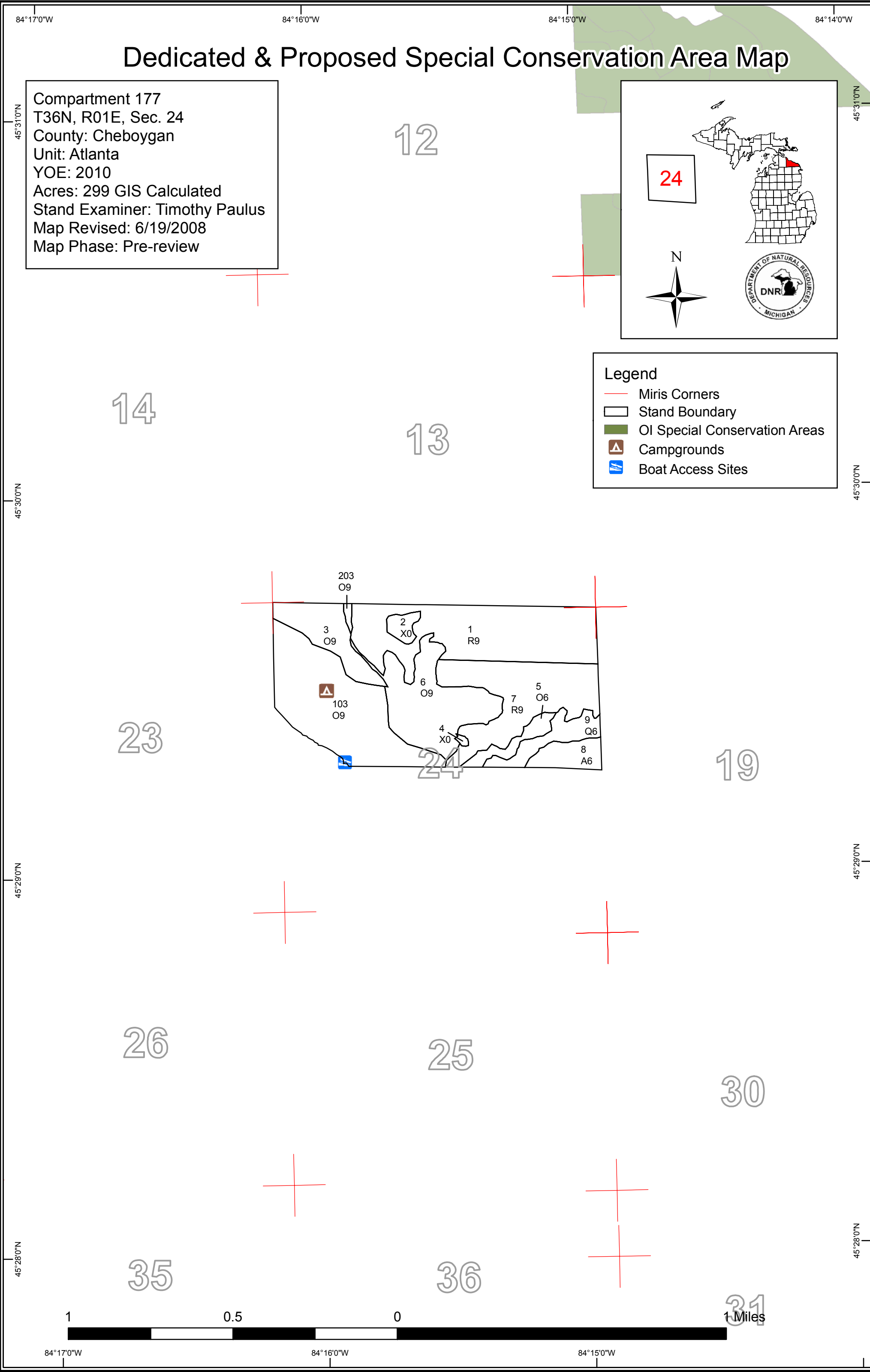
- Miris Corners
- Stand Boundary
- OI Special Conservation Areas
- Campgrounds
- Boat Access Sites



12
 14
 13
 23
 24
 19
 26
 25
 30
 35
 36
 31



84°17'0"W 84°16'0"W 84°15'0"W





DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Concentrated Recreation Area	Facilities that are designed and maintained for routine or heavy recreational use, including State Parks, State Forest campgrounds, motorized and non-motorized trails, trailheads, staging areas and public access sites.