



**GAYLORD FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT: 31

ENTRY YEAR: 2011
Compartment Acreage: 283
County: OTSEGO

Revision Date: 4/13/2009

Stand Examiner: Lentz

Legal Description: T31N R4W Sec. 35 & 36

Management Goals: To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

Soil and Topography: The major soil type is Emmet Sandy Loam-Wexford soils throughout most of compartment. Kalkaska sand component also.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State land is interspersed with private land being developed extensively for residential within close proximity of the Gaylord City limits.

Unique, Natural Features:

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: There are six gas wells with the associated buried gas pipelines throughout this compartment.

Watershed and Fisheries Considerations: No treatments proposed, therefore there are no fisheries concerns at this time.

Wildlife Habitat Considerations: This small compartment contains mostly upland habitat consisting of aspen, red pine, and northern hardwoods. This area contains deer, grouse, woodcock, snowshoe hare, and wild turkey. Pine Marten tracks were also observed in this compartment. Most of this compartment was treated in the last entry period so no new treatments were scheduled.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. The Devonian Antrim Shale subcrops below the glacial drift. The Antrim is quarried for cement products. The nearest gravel pit is located four miles to the northwest, but there may be some potential on the uplands. The compartment has been developed for Antrim Shale gas production. All State lands are leased and in production.

Vehicle Access: The road system leading to all the gas wells are currently gated which limits vehicle traffic. All other logging access roads have been effectively burned, and there are no road closures needed at this time.

Survey Needs: No survey work is needed at this time.

Recreational Facilities and Opportunities: There are no designated recreation facilities or trails in this compartment.

Fire Protection:

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

GAYLORD FOREST MGT UNIT

OTSEGO COUNTY

COMPARTMENT: 31

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	65																										65
G Grass					7																						7
R Red Pine																103											103
U Upland Brush																								2			2
M Upland Hdwds																								106			106
Total	65				7											103							2	106			283

COUNTY

COMPARTMENT: **31**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

***** NO STANDS MEET THE CRITERIA FOR THIS REPORT *****

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Total Cmpt Acres	Acres Proposed For Cut..... 0

**Proposed Treatments
With NO Limiting Factors**

Compartment: 31

Entry Year: 2011

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: 31

Entry Year: 2011

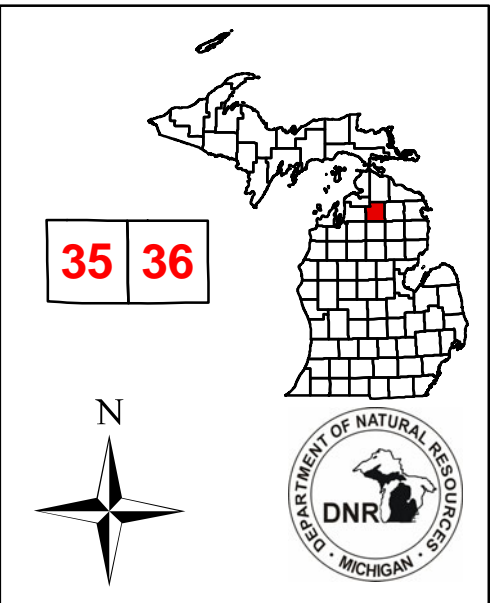
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

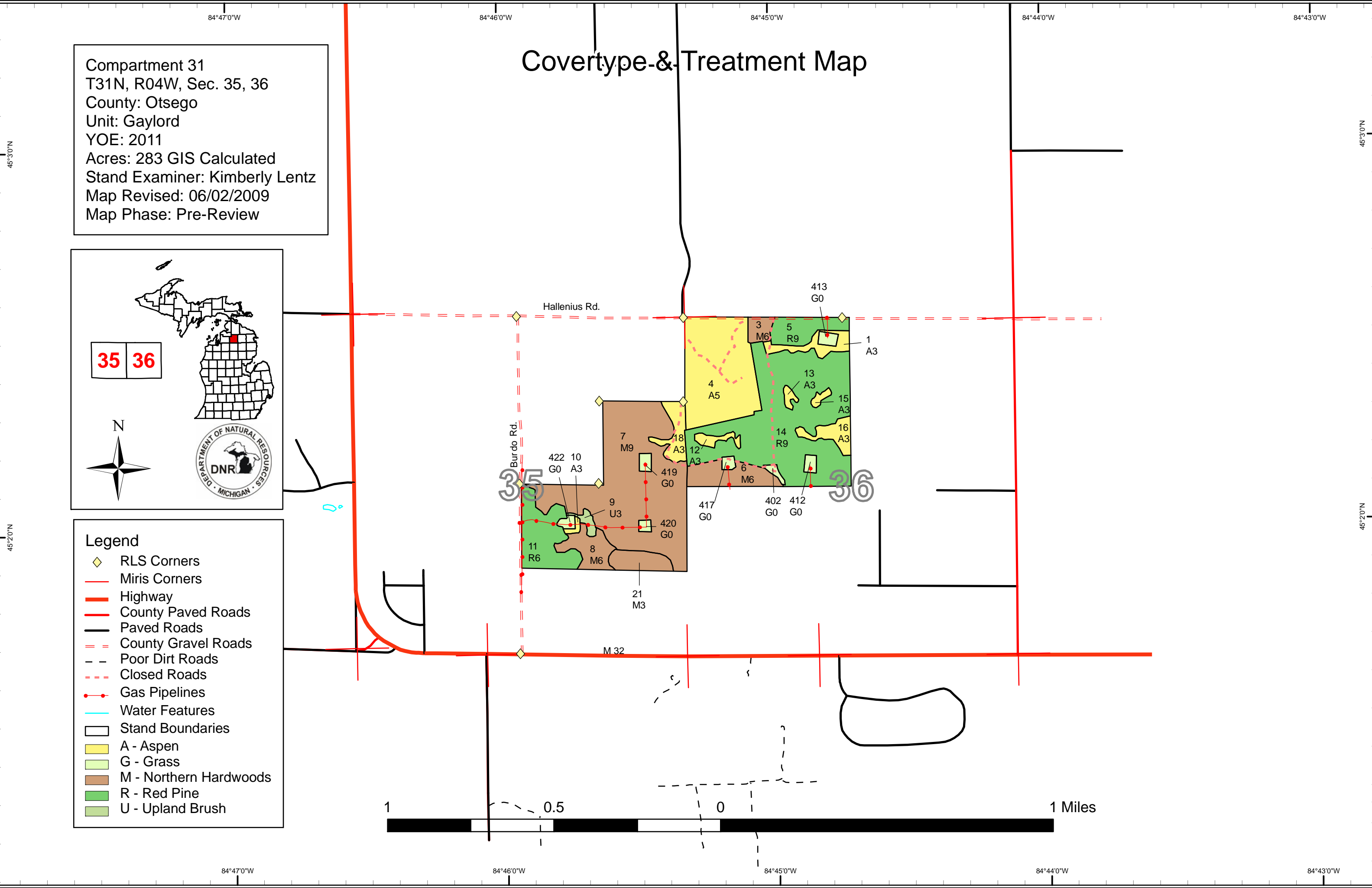
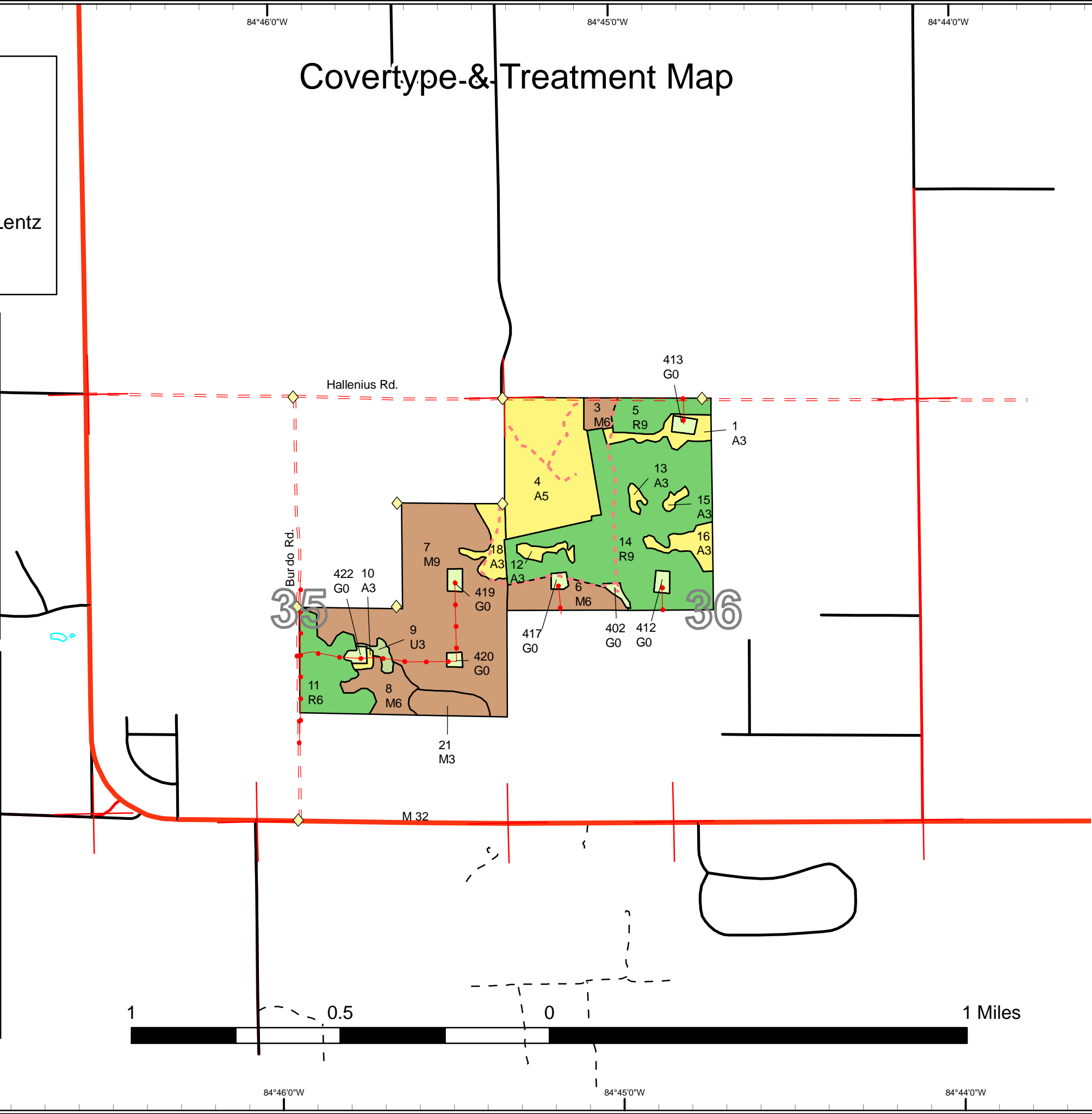
Total Acres..... 0

Covertypes-& Treatment Map

Compartment 31
 T31N, R04W, Sec. 35, 36
 County: Otsego
 Unit: Gaylord
 YOE: 2011
 Acres: 283 GIS Calculated
 Stand Examiner: Kimberly Lentz
 Map Revised: 06/02/2009
 Map Phase: Pre-Review



- Legend**
- ◆ RLS Corners
 - Miris Corners
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - - - Poor Dirt Roads
 - - - Closed Roads
 - Gas Pipelines
 - Water Features
 - Stand Boundaries
 - A - Aspen
 - G - Grass
 - M - Northern Hardwoods
 - R - Red Pine
 - U - Upland Brush

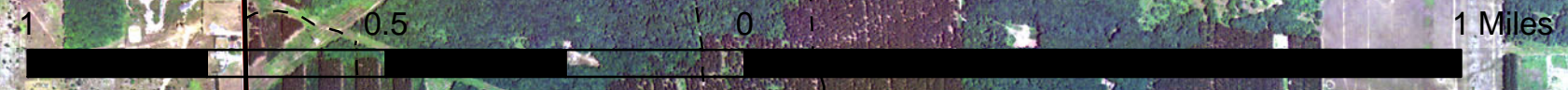
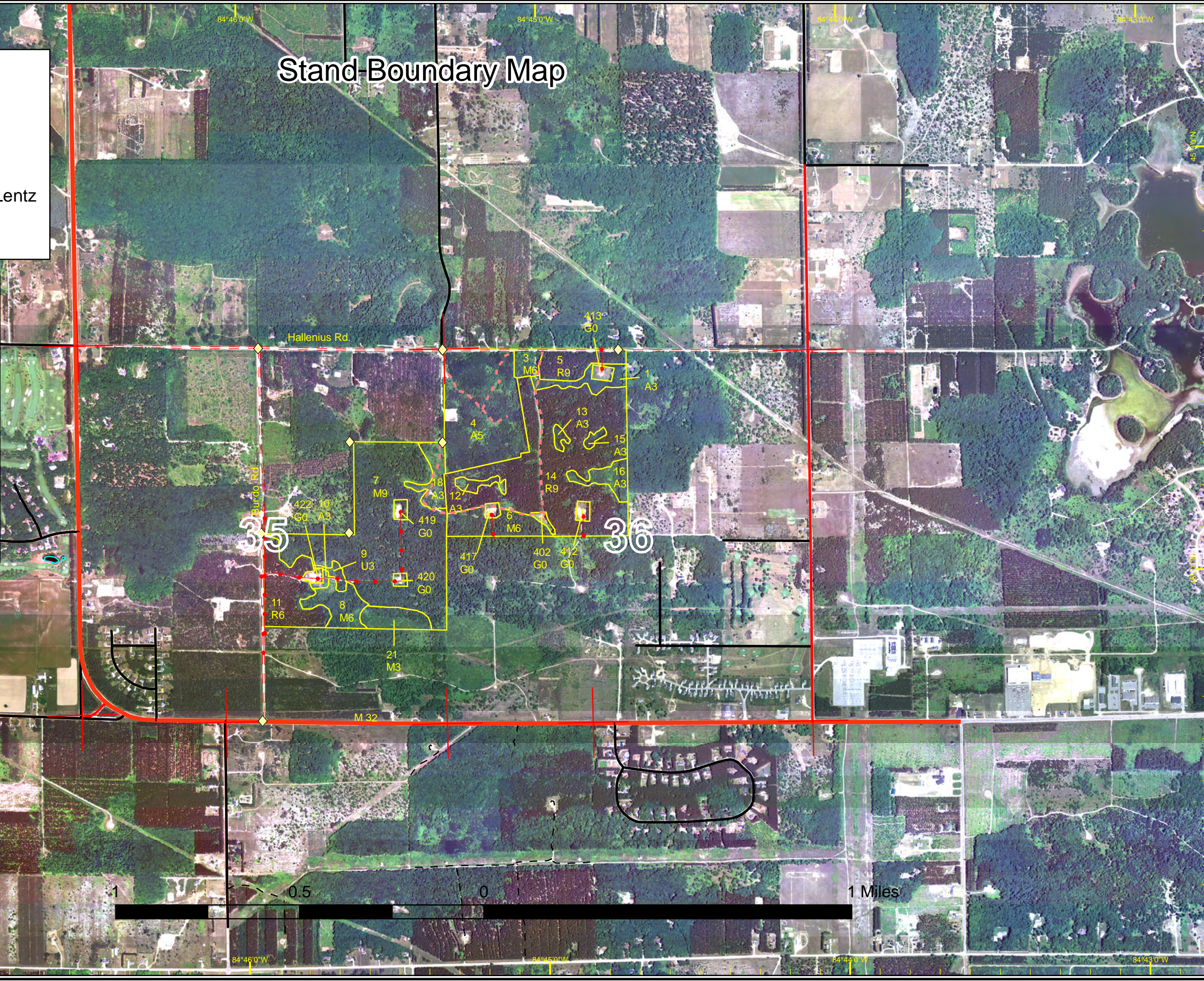


Stand-Boundary Map

Compartment 31
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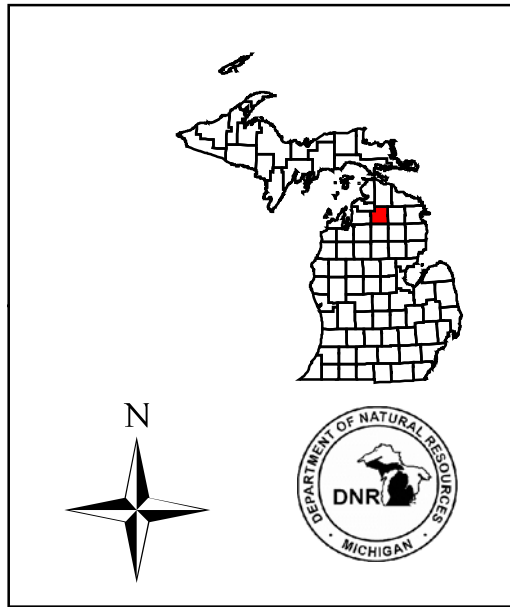
35 36

- Legend**
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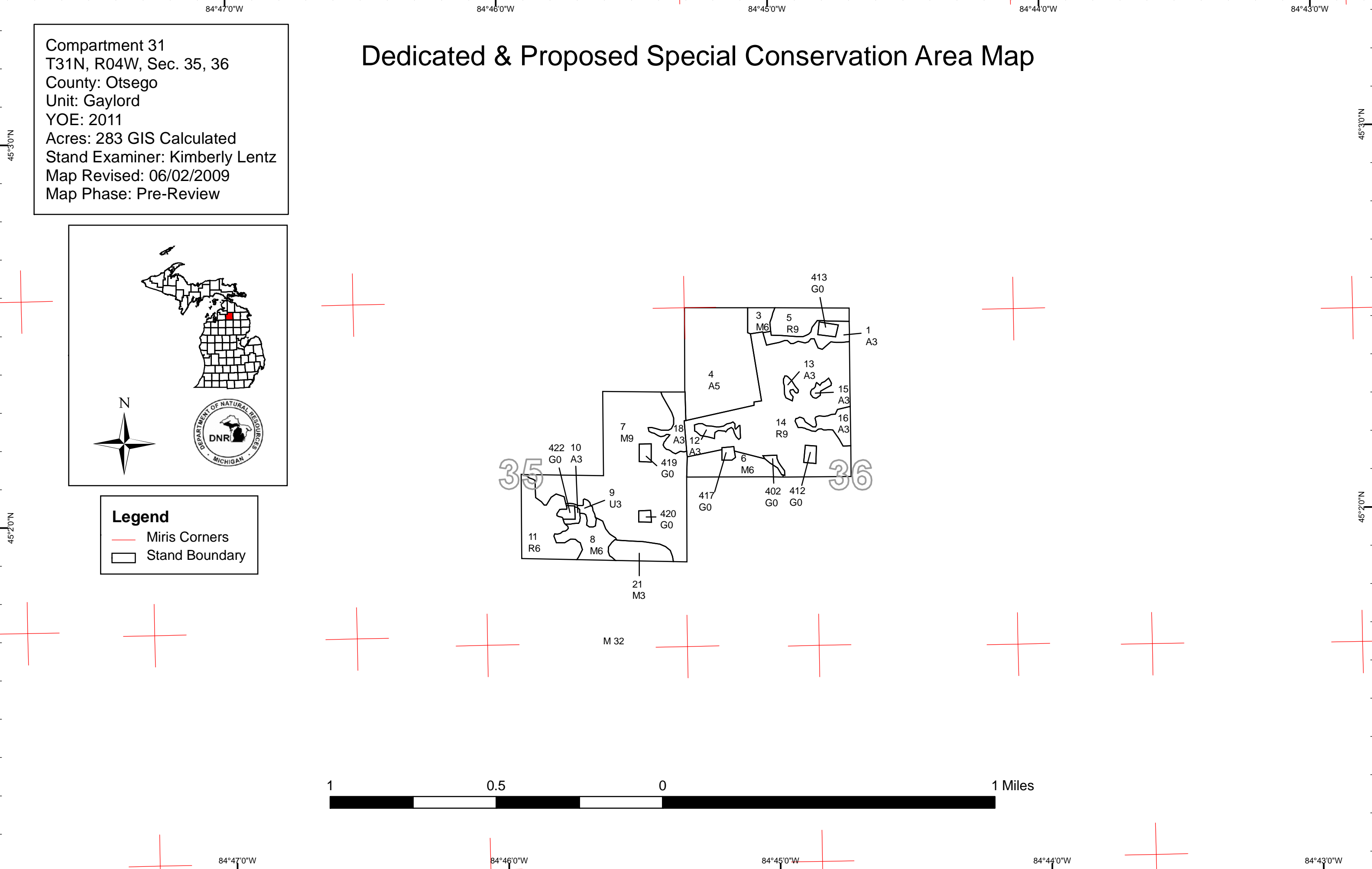
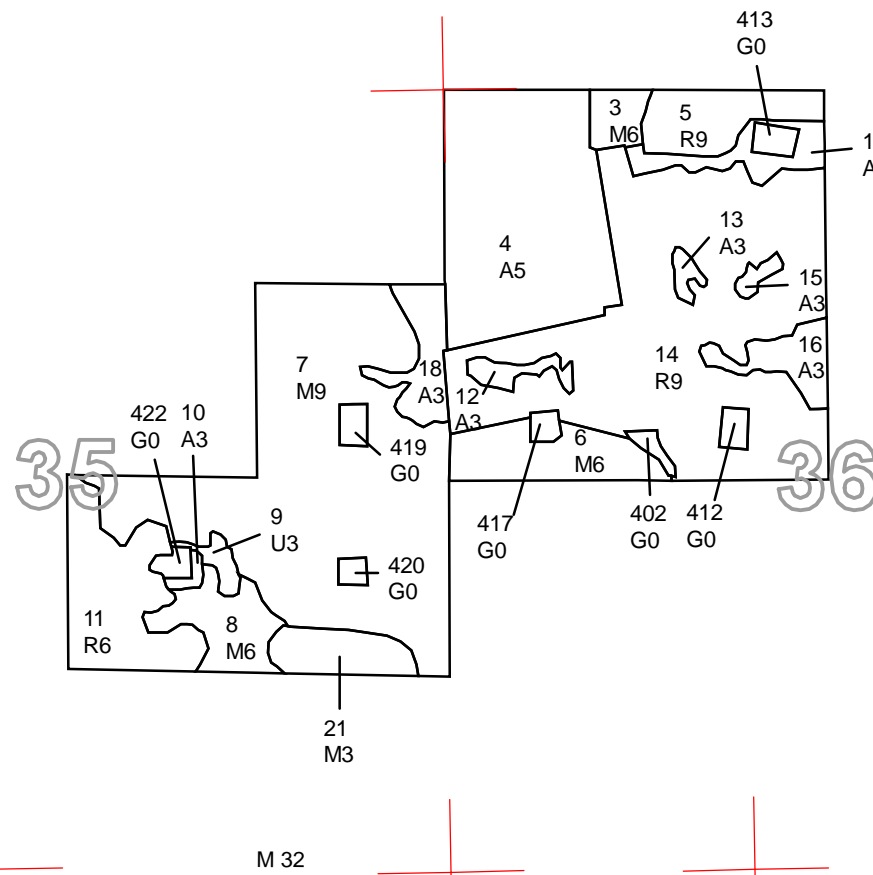
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Dedicated & Proposed Special Conservation Area Map



Legend

- Miris Corners
- Stand Boundary





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
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