



**GAYLORD FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT: 139

ENTRY YEAR: 2010
Compartment Acreage: 827
County: Cheboygan

Revision Date: 4/9/2008

Stand Examiner: Shannon Harig

Legal Description: T37N R03W Sections 4, 6-9

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: Blue Lake-Leelanau Association. Topography is rolling to very steep.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State owned land in this compartment is mostly non-contiguous. Private land is residential, farm land and commercial (golf course).

Unique, Natural Features: None

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: This compartment contains Munro and Lancaster Lakes, which support warmwater fish communities. Parks and Recreation Division maintains boating access sites at both of these lakes. These sites are important for recreational fishing opportunities. The prescribed management activities are appropriate for the protection of these waterbodies.

Wildlife Habitat Considerations: This compartment lies in northern Cheboygan County and contains mostly lake frontage and swamp type. The large Q-type south of Levering Road receives bear use and snowshoe hare sign was abundant. There are various flood areas that do receive some waterfowl use seasonally.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 1,000 feet. The Devonian Dundee Limestone and Detroit River Group subcrop below the glacial drift. The Dundee is quarried for limestone and the Detroit River is mined for salt other areas in the State. A gravel pit is located in Section 2 and gravel potential is very good on the uplands. The nearest oil and gas production, the Antrim Shale gas play, is located 20 miles to the south. There is no known oil and gas potential in the area.

Vehicle Access: Access is good throughout the compartment.

Survey Needs: There may be approximately 1 mile of survey line needed.

Recreational Facilities and Opportunities: There is a snowmobile trail 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**

84°44'0"W 84°43'0"W 84°42'0"W 84°41'0"W 84°40'0"W

36

31

Cover Type & Treatment Map

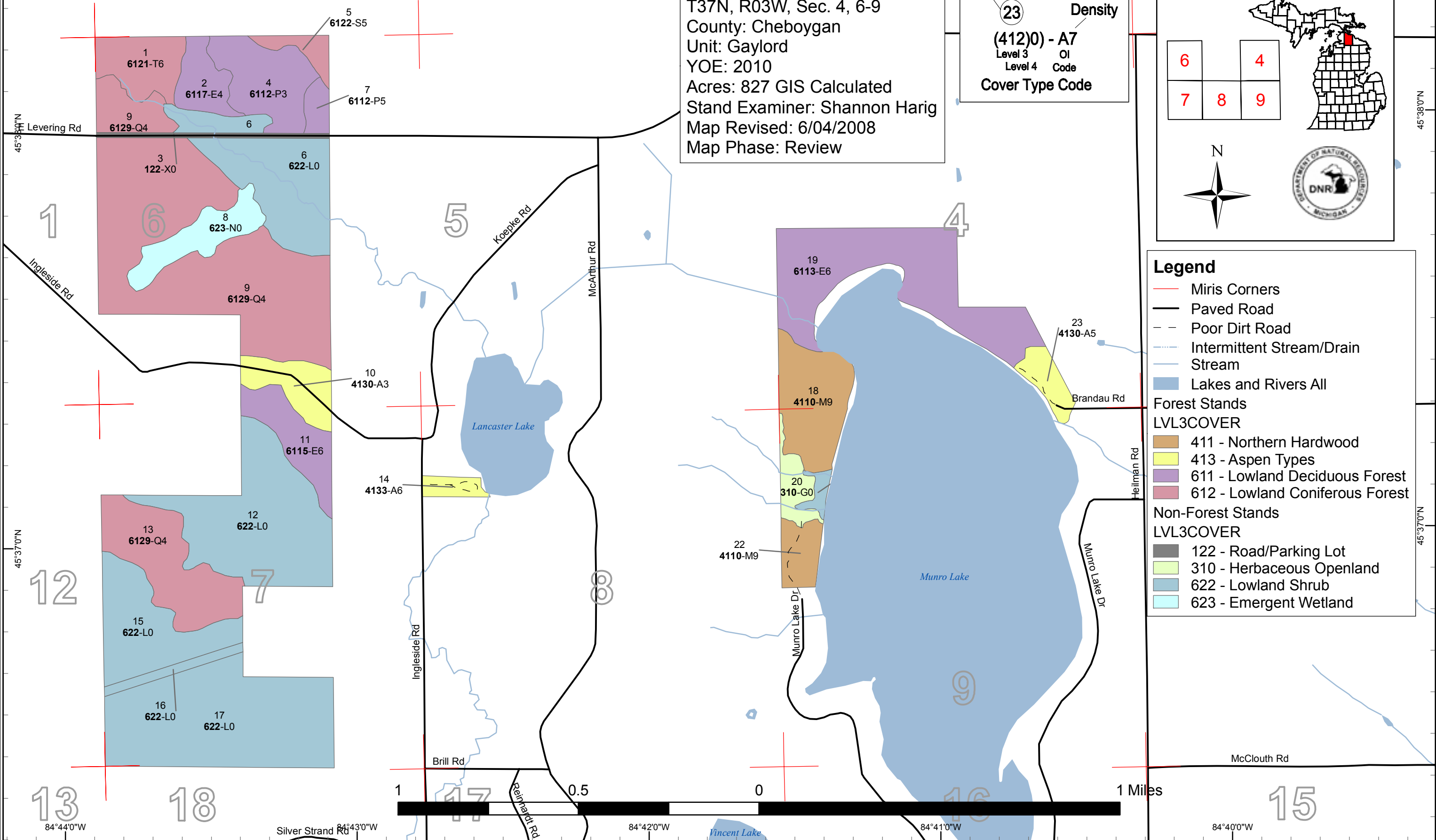
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Compartment 139
 T37N, R03W, Sec. 4, 6-9
 County: Cheboygan
 Unit: Gaylord
 YOE: 2010
 Acres: 827 GIS Calculated
 Stand Examiner: Shannon Harig
 Map Revised: 6/04/2008
 Map Phase: Review

Stand # **23**
 Stacking Density
(412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

6	4	
7	8	9

N



Legend

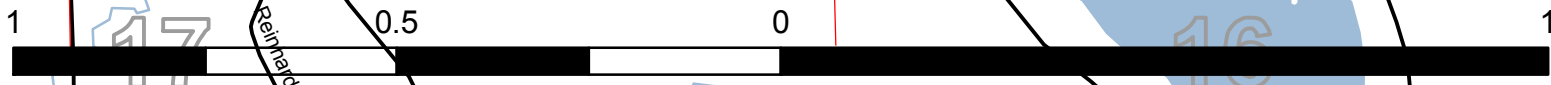
- Miris Corners
- Paved Road
- Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers All

Forest Stands
 LVL3COVER

- 411 - Northern Hardwood
- 413 - Aspen Types
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands
 LVL3COVER

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



84°44'0"W 84°43'0"W 84°42'0"W 84°41'0"W 84°40'0"W

13

18

17

16

15

36

31

Stand Boundary Map

Compartment 139
 T37N, R03W, Sec. 4, 6-9
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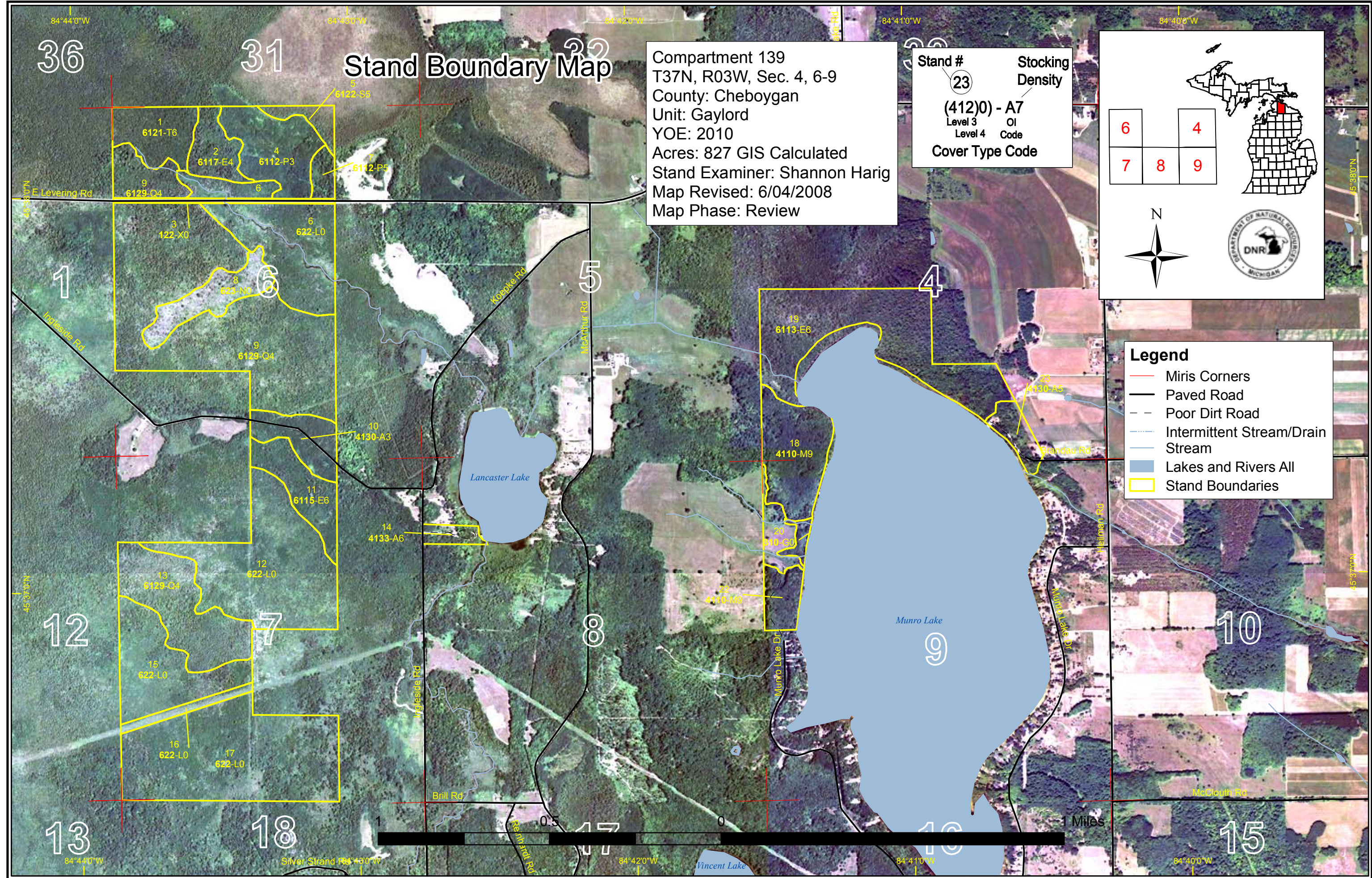
Stand # **23**
 Stocking Density
(412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

6	4	
7	8	9

N

Legend

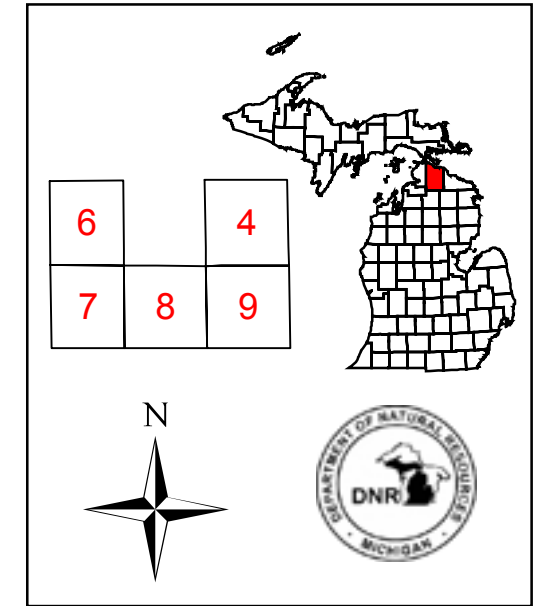
- Miris Corners
- Paved Road
- Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers All
- Stand Boundaries



Dedicated & Proposed Special Conservation Area Map

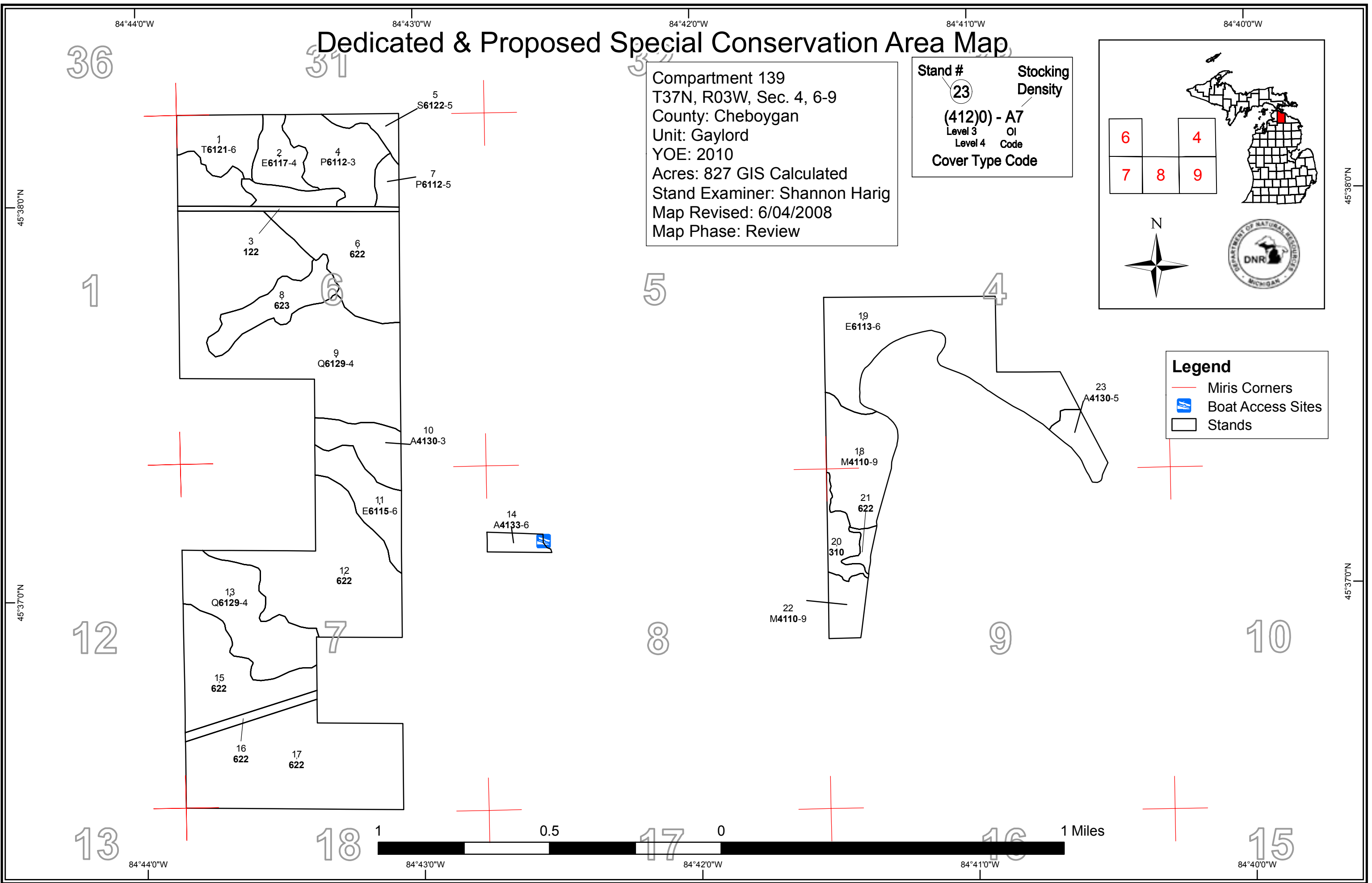
Compartment 139
 T37N, R03W, Sec. 4, 6-9
 County: Cheboygan
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Stand #	Stocking Density
23	(412)0 - A7
Level 3	OI
Level 4	Code
Cover Type Code	



Legend

- Miris Corners
- Boat Access Sites
- Stands



Gaylord Mgt. Unit

Covertypes, Acres, and Age summary
(Level 3 Cover Type)

Compartment 139 Year of Entry 2010

Report Date: 06/04/2008



	Age Class															
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +	Uneven Age	Total
Aspen Types	0	0	19.3	0	0	6.0	10.5	0	0	0	0	0	0	0	0	35.8
Emergent Wetland	22.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.6
Herbaceous Openland	10.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.4
Lowland Coniferous Forest	0	0	0	0	0	0	0	0	165.6	30.4	47.5	0	0	0	0	243.4
Lowland Deciduous Forest	0	0	33.5	0	0	23.4	21.8	0	0	82.9	0	0	0	0	0	161.5
Lowland Shrub	298.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	298.4
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	49.8	0	0	0	0	49.8
Road/Parking Lot	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.8
Total	337.1	0	52.8	0	0	29.4	32.3	0	165.6	113.2	97.2	0	0	0	0	827.8

S
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a
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Gaylord Mgt. Unit
Inventory Method: IFMAP

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

Compartment: 139 Entry Yr: 2010
Date 06/04/2008



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
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Rev
Cmnt:

Rev
Spec

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**



S
t
a
n
d

Treatment Name	Acres	Stage1 Cover Type	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
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Limiting Factor
and Comment:

Rev
Cmnt:

Rev
Spec:

Next
Steps:

No Treatment
Reason

**Total Treatment
Acreage Proposed: 0**



PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments



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	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.