



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 58 ENTRY YEAR: 2010**

**Compartment Acreage: 1588**

**County: Roscommon**

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**Revision Date:** 6-27-2008

**Stand Examiner:** Jason Lewicki

**Legal Description:** T23N R02W Sections 2, 11& 14

**RMU (if applicable):**N/A

**Management Goals:** To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

**Soil and Topography:** Soils generally are mostly Grayling, Roselawn and Rubicon sands on the uplands, Rifle Peat in lower areas. Topography is generally flat in sandy outwash plain areas to the north east. While some higher ridges found in sections 11 & 14. This compartment also attaches to a large bog complex to the west.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** State land is intermixed with some private ownership. Overall the area is heavy to State Ownership.

**Unique, Natural Features:** None known.

**Archeological, Historical, and Cultural Features:** None known.

**Special Management Designations or Considerations:** None known.

**Watershed and Fisheries Considerations:** None Known.

**Wildlife Habitat Considerations:** Provide and maintain habitat for a variety of game and non game species.

**Mineral Resource and Development Concerns and/or Restrictions:** Sections 2, 11, 13 & 14,  
T23NR2W, Roscommon County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum in other areas of the State. Most of the good gravel pits are associated with upland areas. Gravel pits are located in the area and gravel potential should be good in Section 14. St. Helen Field is located two miles to the northeast. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation and is in secondary recovery operations currently. There are no leases in the Compartment, currently.

**Vehicle Access:** Vehicle access is very good due to high ground and numerous forest roads.

**Survey Needs:** None

**Recreational Facilities and Opportunities:** Good vehicle access provides excellent hunting opportunities. Excellent fishing opportunities due to the AuSable River

**Fire Protection:** This compartment is about half hardwood and lowland cover types posing little wildfire protection concerns. The remaining north and west areas of this compartment are primarily jack pine cover types which pose a large wildfire potential.

**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

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 58

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	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	All Aged	Total
Aspen			2		100	495			18										615
Bog or Marsh	66																		66
Cedar											50	87	112						249
Grass	2																		2
Hemlock													3						3
Jack Pine		9		69	440		12	9											539
Red Pine										5									5
Upland Brush	47				12	21													80
White Pine						29													29
<b>Total</b>	<b>115</b>	<b>9</b>	<b>2</b>	<b>69</b>	<b>552</b>	<b>545</b>	<b>12</b>	<b>9</b>	<b>18</b>	<b>5</b>	<b>50</b>	<b>87</b>	<b>115</b>						<b>1588</b>

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **58**

**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	615																										615
V Bog or Marsh			66																								66
C Cedar				249																							249
G Grass					2																						2
H Hemlock						3																					3
J Jack Pine							539																				539
R Red Pine																5											5
U Upland Brush																								80			80
W White Pine																										29	29
<b>Total</b>	615		66	249	2	3	539								5									80		29	1588

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

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*Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS*

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	10421 Cds	Hardwood	3233 Cds
Hardwood	99 Mbf	Sum CutVol	3233 Cds
Softwood	6667 Cds		
Softwood	777 Mbf		
Sum TotVol	18840 Cds		
<b>Total Cmpnt Acres</b>		Acres Proposed For Cut.....	183
	1588		

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 58**

**Entry Year: 2010**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
<b>21</b>	<b>A5</b>	100	33	54	aspen (upland)	immature	final harvest	1		
comnts Fmd : Poor quality quaking aspen growing on outwash plains. Some pine is scattered throughout. Pin cherry understory Hypoxylon is evident throughout the stand and is causing mortality. Final harvest aspen and try to promote as much pine recruitment into the new stand as possible. If aspen regeneration fails plant understocked areas with jack pine. Retention can be applied by leaving islands or strips within the stand boundaries to equal 3-10% .										
<b>129</b>	<b>A6</b>	83	39	55	aspen (upland)	immature	final harvest	1		
comnts Fmd : Quaking aspen stand beginning to decline. Evidence of heartrot throughout. Some Bigtooth aspen mixed in and in fringe areas. Final harvest for aspen sustainability within the compartment. Plant area to appropriate pine species if aspen regeneration fails. Apply retention in the form of islands or strips within the stand boundary(3-10%).										
<b>Total Acres.....</b>		<b>183</b>								

**Proposed Treatments  
With Limiting Factors**

**Compartment: 58**

**Entry Year: 2010**

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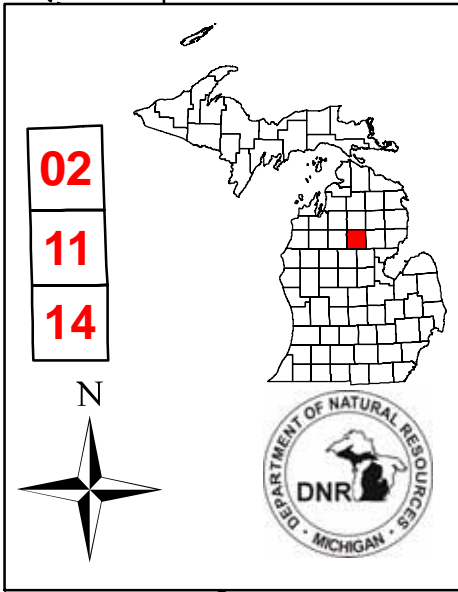
TREATMENT LIMITING FACTORS:

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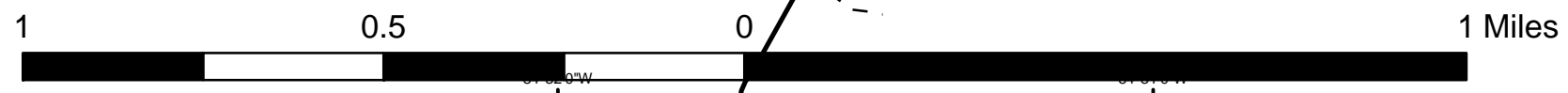
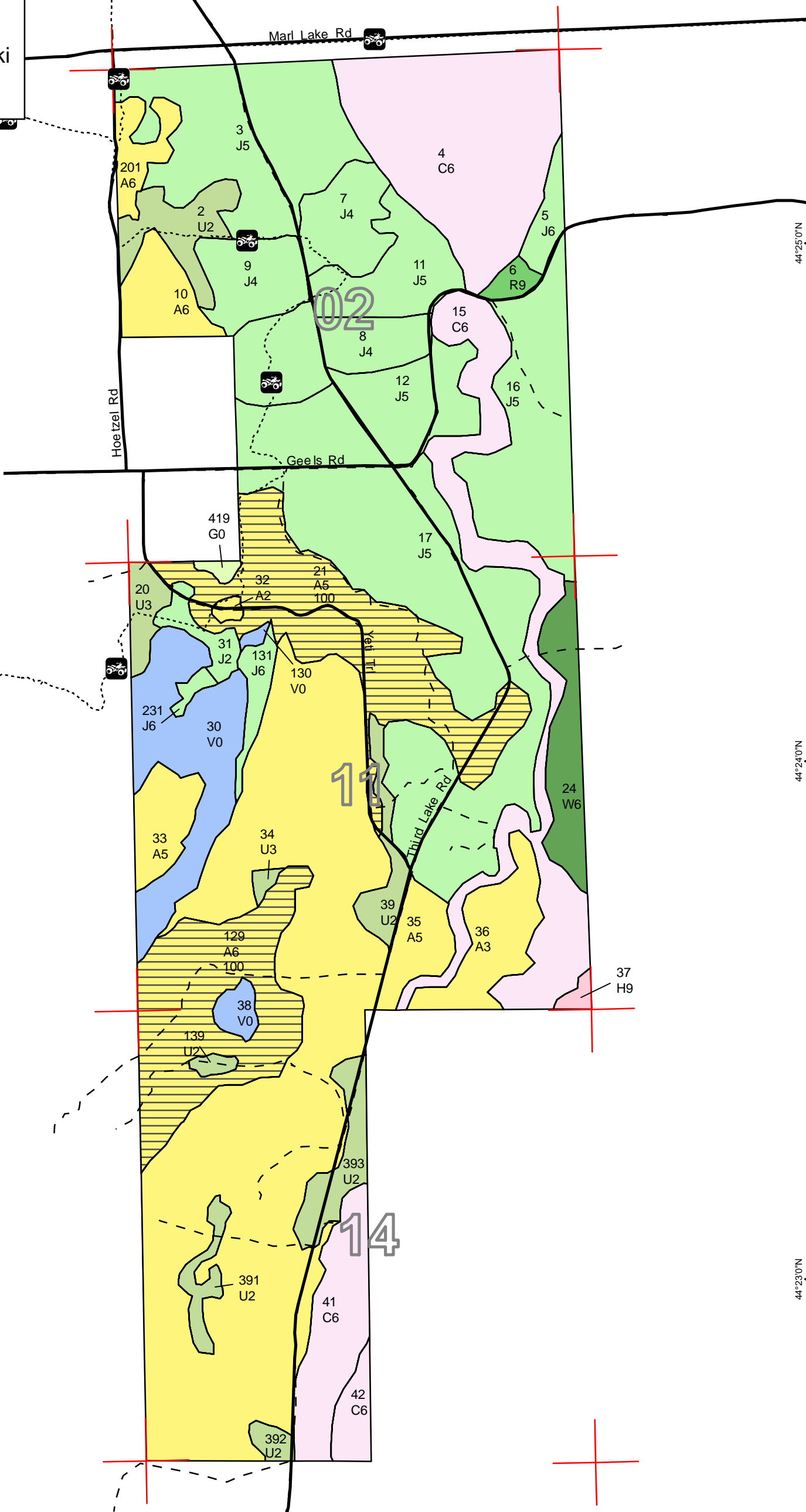
**Total Acres..... 0**

Compartment 058  
 T23N, R02W, Sec. 2, 11, 14  
 County: Roscommon  
 Unit: Roscommon  
 YOY: 2010  
 Acres: 1,588 GIS Calculated  
 Stand Examiner: Jason Lewicki  
 Map Revised: 7/31/2008  
 Map Phase: Pre-review

# Covertypes & Treatment Map




- Legend**
- Miris Corners
  - Paved Roads
  - Poor Dirt Roads
  - Trails
  - ORV Trails
  - Stand Boundary
  - 100 - Final Harvest
  - A - Aspen
  - C - Northern White Cedar
  - G - Grass
  - H - Hemlock
  - J - Jack Pine
  - R - Red Pine
  - U - Upland Brush
  - V - Bog or Muskeg
  - W - White Pine





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# Stand Boundary Map



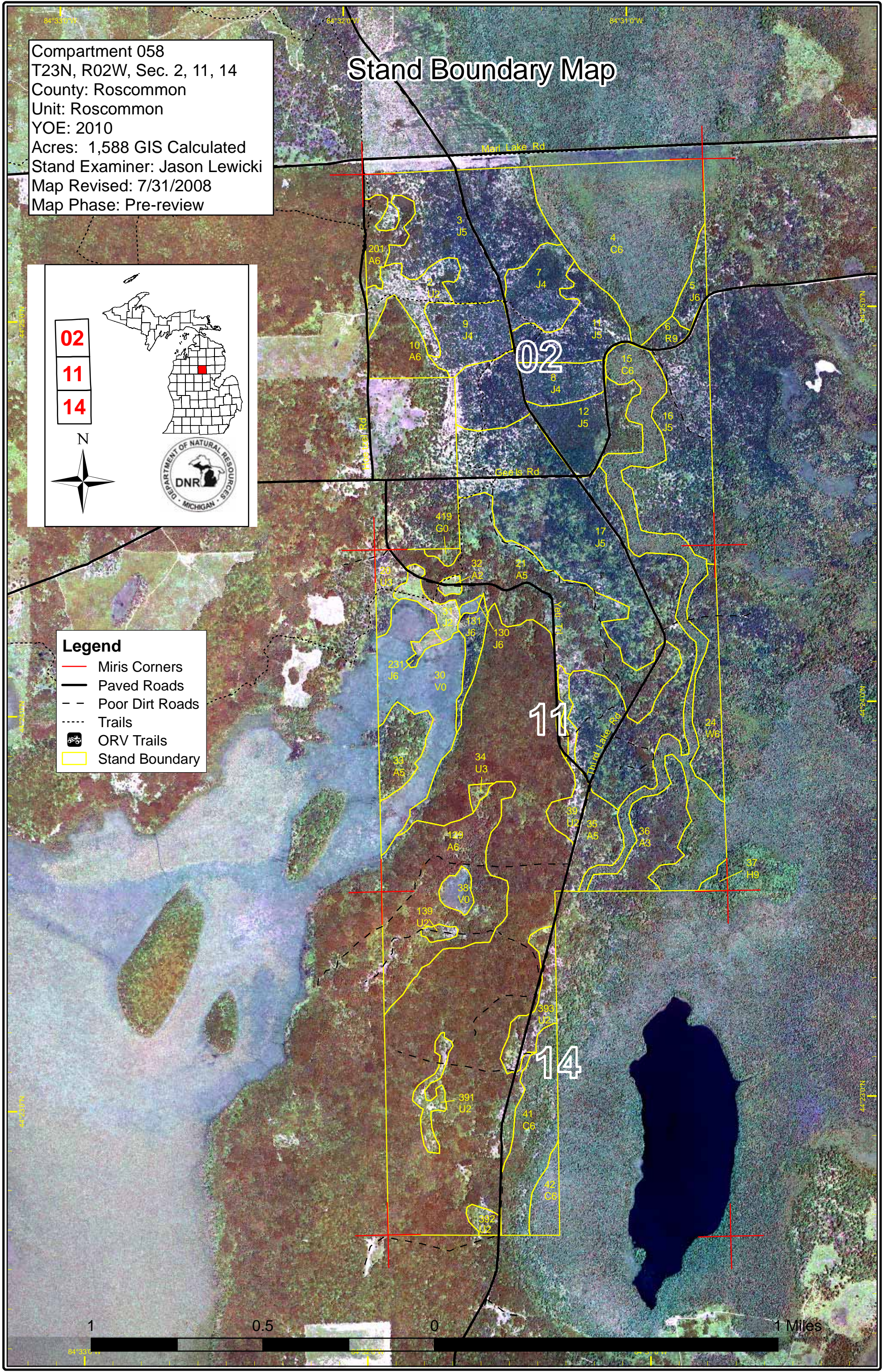
**02**  
**11**  
**14**

N

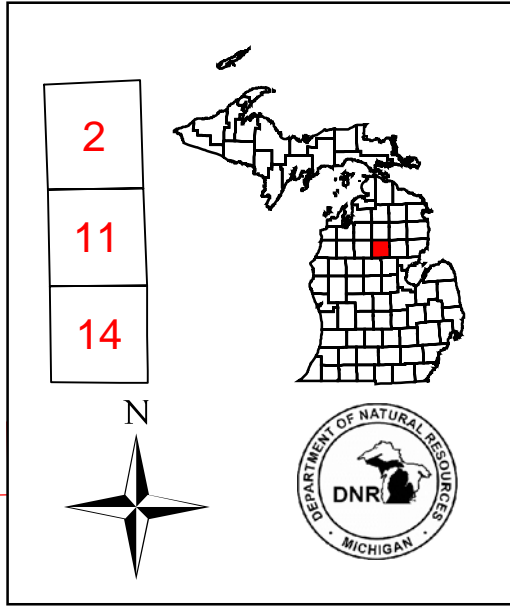
**Legend**

- Miris Corners
- Paved Roads
- Poor Dirt Roads
- Trails
- ORV Trails
- Stand Boundary

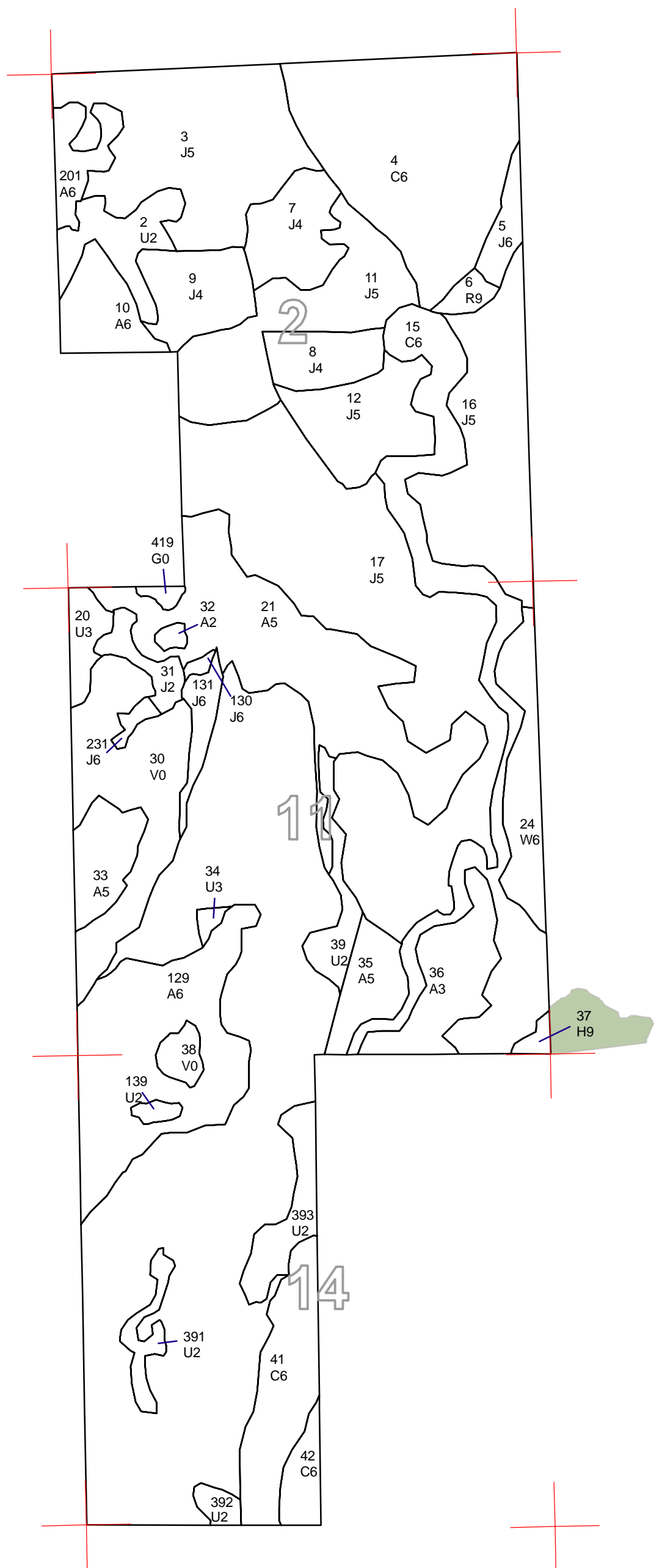


# Dedicated & Proposed Special Conservation Area Map

Compartment 058  
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**Legend**  
 — Miris Corners  
 □ Stand boundary  
 ■ OI Special Conservation Areas



84°33'0"W      84°32'0"W      84°31'0"W

44°25'0"N

44°25'0"N

44°24'0"N

44°24'0"N

44°23'0"N

44°23'0"N



**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	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.