



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 87 ENTRY YEAR: 2011**

**Compartment Acreage: 2186**

**County: Roscommon**

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**Revision Date:** 3-11-2009

**Stand Examiner:** Jason Lewicki

**Legal Description:** T23N R02W Sections 22, 23 & 26

**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:** Upland soils in this compartment are a mix of Klacking-Perecheney, gerrish-Grayling and Greycalm-Grayling sands. Lowland soils a primarily Tawas-Lupton and Deford Mucks. Topography is generally flat to slightly rolling.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Much of the compartment and surrounding area is made up of State Land.

**Unique, Natural Features:** None known

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

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

**Watershed and Fisheries Considerations:** Russell Lake lies within the compartment boundaries. Lake St. Helen is located just to the east of this compartment which feeds the South Branch of the AuSable River.

**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 22 - 26, T23N-R2W, 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. St. Helens/Carter pit is located in Section 22 and potential is good in that area. St. Helen Field is located six 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 is only a sand & gravel lease in the Compartment currently.

**Vehicle Access:** Vehicle access is very good compartment within most areas of this compartment except for areas east of Third Lake road.

**Survey Needs:** None known

**Recreational Facilities and Opportunities:** Good vehicle access provides excellent hunting opportunities. Fishing opportunities exist on Russell Lake. The Geels ORV trail runs through the compartment.

**Fire Protection:** Much of the compartment is hardwood and lowland cover types. Large wildfire concerns are minimal.

**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**

# Cover Type & Treatment Map

Compartment 87  
 T23N, R02W, Sec. 13, 14, 22-24, 26  
 County: Roscommon  
 Unit: Roscommon  
 YOE: 2011  
 Acres: 2,187 GIS Calculated  
 Stand Examiner: Jason Lewicki  
 Map Revised: 8/28/2009  
 Map Phase: Pre-Review

**Stand #**      **Stocking Density**  
 (23)              A7  
 Level 3              OI  
 Level 4              Code  
**Cover Type Code**

**Legend**

- Miris Corners
- Highways
- Paved Road
- - - Poor Dirt Road
- - - Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- - - Trails
- Interstate Highway
- ORV Trails

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Mowing

**Forest Stands**

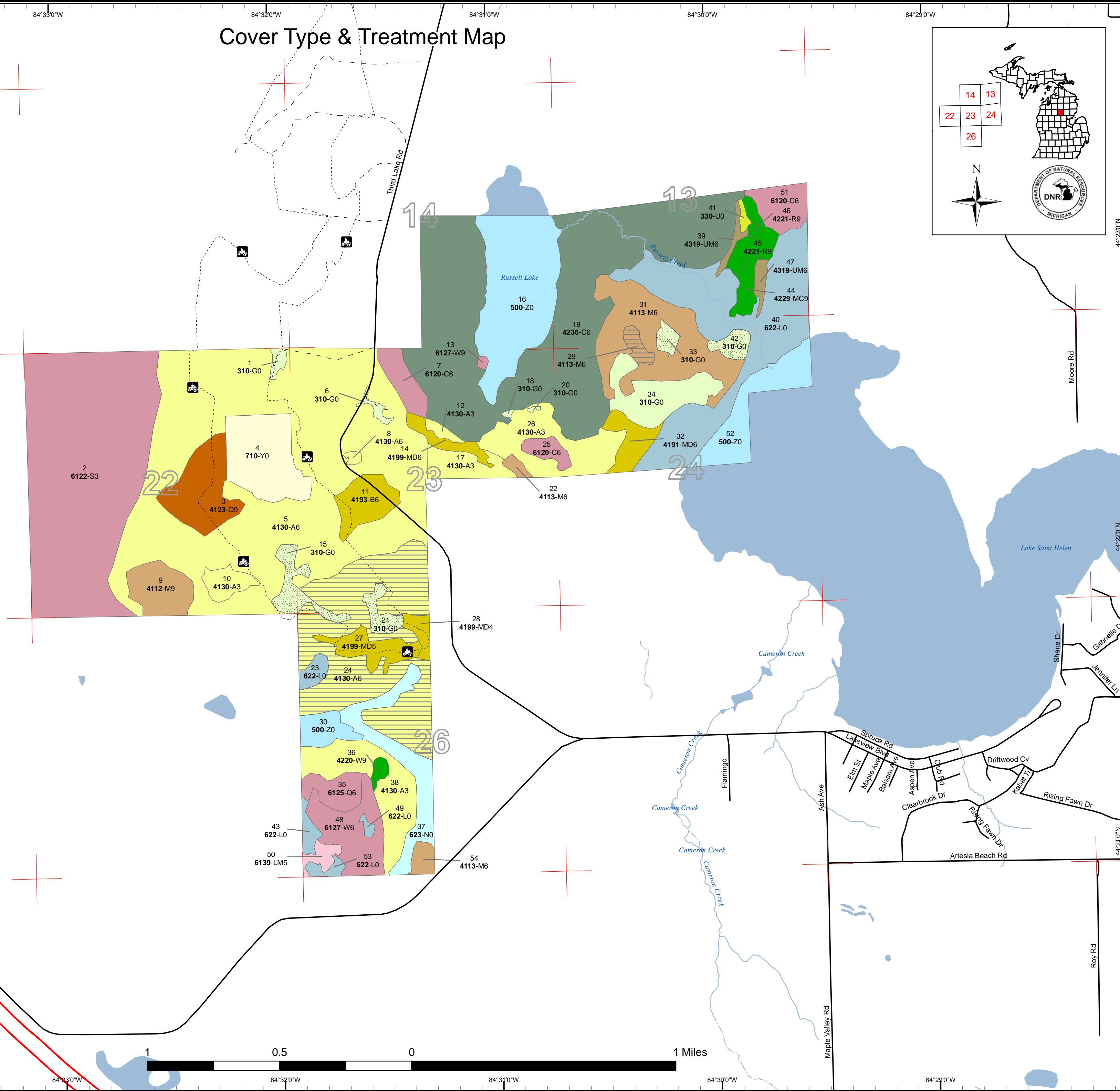
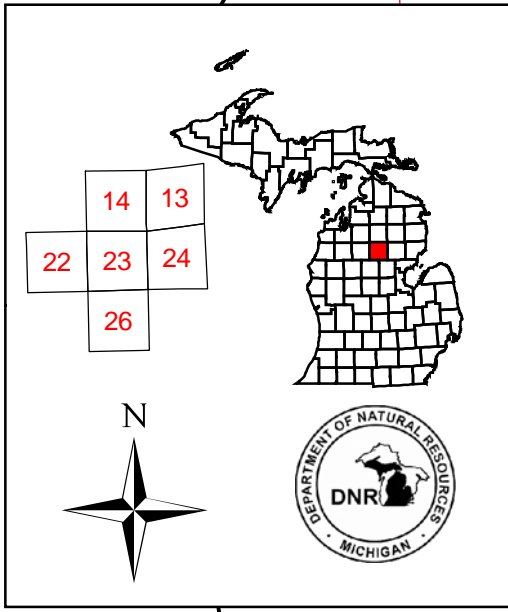
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

**Non-Forest Stands**

Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand, Soil



44°23'0"N  
44°22'0"N  
44°21'0"N  
44°20'0"N

84°34'0"W  
84°33'0"W  
84°32'0"W  
84°31'0"W  
84°30'0"W  
84°29'0"W





Roscommon Mgt. Unit

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

Compartment 087 Year of Entry 2011

Report Date: 08/28/2009



	Age Class															Total
	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	
Aspen Types	0	11	70	50	587	0	0	0	0	0	0	0	0	0	0	720
Emergent Wetland	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Herbaceous Openland	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Coniferous Forest	0	0	0	0	0	0	0	54	311	0	0	1	0	0	0	366
Lowland Mixed Forest	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Lowland Shrub	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
Mixed Upland Deciduous	0	0	0	0	49	0	0	26	0	0	0	0	0	0	0	75
Natural Pines	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	6	0	0	10	105	0	0	0	0	0	0	121
Oak Types	0	0	0	0	0	0	0	0	41	0	0	0	0	0	0	41
Other Upland Conifers	0	0	0	0	0	0	0	0	325	0	0	0	0	0	0	325
Sand, Soil	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
Upland Mixed Forest	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Water	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	158
<b>Total</b>	<b>495</b>	<b>11</b>	<b>70</b>	<b>50</b>	<b>643</b>	<b>0</b>	<b>0</b>	<b>96</b>	<b>819</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2187</b>

**PROPOSED TREATMENTS  
NO LIMITING FACTORS**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
24	71087024-Cut	145.5	4130 - Aspen	High Density Pole	34	Harvest	Clearcut	Aspen	

Rev  
Cmnt:

Rev Final harvest down to 2". Leave some retention near wetter areas and the wetlands to the south. Save a few oak and pine where possible. Protect  
Spec: ORV trail that runs through stand.

Next  
Steps:

29	71087029-Cut	5.9	4113 - R.Maple, Conifer	High Density Pole	30	Harvest	Clearcut	R.Maple, Conifer	
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Rev  
Cmnt:

Rev Remove/harvest all scotch pine from stand. Possibly pile all tops and branches into piles for snowshoe cover.  
Spec:

Next  
Steps:

15	NF_71087015- NonFor	15.8	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass	
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Rev  
Cmnt:

Rev Managed openings.  
Spec:

Next  
Steps:

21	NF_71087021- NonFor	8.6	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass	
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Rev  
Cmnt:

Rev Managed opening.  
Spec:

Next  
Steps:

33	NF_71087033- NonFor	4.9	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass	
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Rev  
Cmnt:

Rev Managed opening.  
Spec:

Next  
Steps:

42	NF_71087042- NonFor	7.7	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass	
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Rev  
Cmnt:

Rev Managed opening.  
Spec:

Next  
Steps:

**Total Treatment  
Acreage Proposed: 188.4**

**PROPOSED TREATMENTS  
WITH LIMITING FACTORS**



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Treatment Name	Acres	Stage1 Cover Type	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Limiting Factor  
and Comment:

Rev  
Cmnt:

Rev  
Spec:

Next  
Steps:

No Treatment  
Reason

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**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

<b>Conservation Area</b>	<b>Type</b>	<b>Description</b>
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