



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 81 ENTRY YEAR: 2009**

**Compartment Acreage: 1033      County: Roscommon**

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**Revision Date:** 4-11-2007

**Stand Examiner:** Jason Lewicki

**Legal Description:** T23N R03W Sections 26, 27, 34, 35

**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 Rifle Peat in the lowlands. Saugatuck and Rubicon sands are found on the uplands. A small patch of Bergland Clay Loam can be found in the north part of section 26. The topography is mostly level to slightly rolling.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Roscommon County Airport is located in the NW of Section 27. Several subdivisions are located along the south and west sides of the compartment. Private property is also scattered throughout the compartment.

**Unique, Natural Features:** This compartment contains extensive areas of wetlands. The compartment also contains small stands of Hemlock and Northern Hardwoods.

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

**Special Management Designations or Considerations:** Some Hemlock stands within the compartment are considered as potential old growth (SCA).

**Watershed and Fisheries Considerations:**

**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 26, 27, 34 & 35, T23N-R3W, Roscommon County

Surface sediments consist of 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 elsewhere in the State. Most of the good gravel pits are associated with upland areas. Gravel pits are not located in the area and potential appears to be limited. St Helen Field is located ten 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 oil and gas leases in the Compartment, currently

**Vehicle Access:** Vehicle access is good in this compartment where uplands exist. Some areas are isolated or cut off by private property.

**Survey Needs:** None at this time.

**Recreational Facilities and Opportunities:** Good vehicle access in areas provides excellent hunting opportunities.

**Fire Protection:** This compartment has high urban interface issues compounded by access issues. Fire protection may be difficult in some areas. The compartment has large areas of wetland and hardwood cover types which minimize wildfire hazards.

**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: 81

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		44	6	156	53	111				1									371
Bog or Marsh	255																		255
Grass	10																		10
Hemlock										30									30
Mx Swmp Cnfr										52									52
Oak						17				19									36
Paper Birch										23									23
Swamp Hrdwds										49									49
Treed Bog	186																		186
Upland Hdwds																		20	20
White Pine									1										1
<b>Total</b>	<b>451</b>	<b>44</b>	<b>6</b>	<b>156</b>	<b>53</b>	<b>128</b>			<b>1</b>	<b>174</b>								<b>20</b>	<b>1033</b>

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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: 81

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	371																										371
V Bog or Marsh			255																								255
G Grass					10																						10
H Hemlock						30																					30
Q Mx Swmp Cnfr												52															52
O Oak														36													36
B Paper Birch															23												23
E Swamp Hrdwds	33																		16								49
D Treed Bog																						186					186
M Upland Hdwds																								20			20
W White Pine																										1	1
<b>Total</b>	404		255		10	30						52		36	23				16			186		20		1	1033

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **81**

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Hardwood 5925 Cds	
Hardwood 369 Mbf	
Softwood 790 Cds	
Softwood 301 Mbf	
Sum TotVol 8055 Cds	
<b>Total Cmpnt Acres</b>	Acres Proposed For Cut..... 0
1033	

ROSCOMMON FOREST MGT UNIT

Proposed Treatments  
With NO Limiting Factors

Compartment: 81

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
400	G0	6		55	grass	nonstocked		0	opening maintenance	

comnts Fmd : Grassy opening with some sweet fern and spotted knapweed.

Total Acres..... 6

**Proposed Treatments  
With Limiting Factors**

**Compartment: 81**

**Entry Year: 2009**

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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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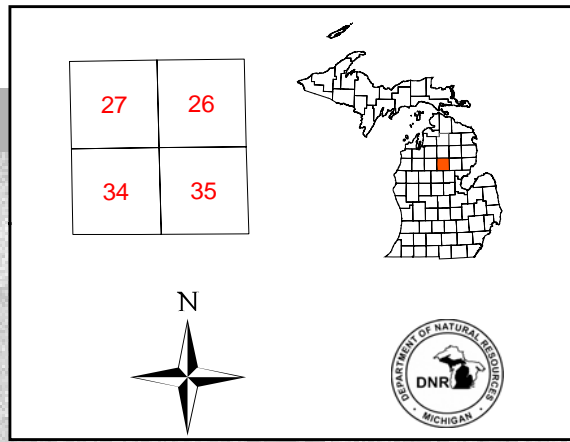
TREATMENT LIMITING FACTORS:

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

# Field Map

Compartment 81  
 T23N, R03W, Sec. 26, 27, 34, 35  
 County: Roscommon  
 Unit: Roscommon  
 YOY: 2009  
 Acres: 1,033 GIS Calculated  
 Stand Examiner: Jason Lewicki  
 Map Revised: 9/04/2007  
 Map Phase: Pre-Review



**Legend**

- Miris Corners
- County Gravel Roads
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Stand Boundary
- Biodiversity/Old Growth Areas
- 100 - Final Harvest

