



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 33 ENTRY YEAR: 2007

Compartment Acreage: 651 County: Roscommon

Revision Date: 10-15-2005

Stand Examiner: G. Taurence and J. Hartman

Legal Description: T24N R3W sections 25 and 26

RMU (if applicable): Not Applicable

Management Goals: Enhance compartment and in-stand diversity in a range of early and late successional habitats.

Soil and Topography: Uplands consist of Saugatuck sand. Lowlands are composed of Rifle peat. Topography is generally flat. Digitized Kotar types include PArVCo, ParVvb, PArVHa, and wetland. Pre-settlement forest was dominated by mixed conifer swamp, white pine-red pine, and hemlock-white pine forest.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Approximately half of these two sections are private ownership. There are some small parcels bordering M-18, but most private acreage is composed of larger manageable parcels.

Unique, Natural Features: Secretive locust, slippershell mussel, deepwater pondsnail, and rainbow mussel have been identified in the area.

Archeological, Historical, and Cultural Features: None known or detected during fieldwork.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: The swamp on the western edge is part of a large wetland complex that supplies groundwater to the Higgins Lake Watershed.

Wildlife Habitat Considerations: The mixture of farmland and lowland conifer provide excellent cover and food sources for deer. The young aspen stands are good habitat for grouse and woodcock. Bear are in the area and are generally relegated to the most isolated spots.

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 200 and 400 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. The nearest gravel pit is located two miles to the north and potential appears to be limited. St. Helen Field lies six miles to the east. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation.

It is in secondary recovery operations currently. None of the State land in the compartment is currently leased.

Vehicle Access: Access is good from M-18, Birch Rd., and N. Everett Rd.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: Good hunting opportunities exist throughout the compartment.

Fire Protection: This compartment has little in the way of hazardous fuels and has good access.

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: 33

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	223																										223
S Black Spruce		3																									3
V Bog or Marsh			38																								38
G Grass					11																						11
J Jack Pine							24																				24
L LowInd Brush									49																		49
Q Mx Swmp Cnfr												225															225
O Oak														14													14
R Red Pine																13											13
F Spruce Fir																			24								24
E Swamp Hrdwds																				14							14
W White Pine																										13	13
Total	223	3	38		11		24		49			225		14		13			24	14						13	651

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 33

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	810 Cds	Softwood	288 Cds
Hardwood	29 Mbf	Sum CutVol	288 Cds
Softwood	2349 Cds		
Softwood	129 Mbf		
Sum TotVol	3475 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	24
651			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 33

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
1	J6	24	37	50	jack pine	immature	thinning	2		

comnts Fmd : Plantation. Take two rows, leave two rows to protect visuals and enhance oak regen. Next or following YOE do an overstory removal once oak is well established.

Total Acres..... 24

**Proposed Treatments
With Limiting Factors**

Compartment: 33

Entry Year: 2007

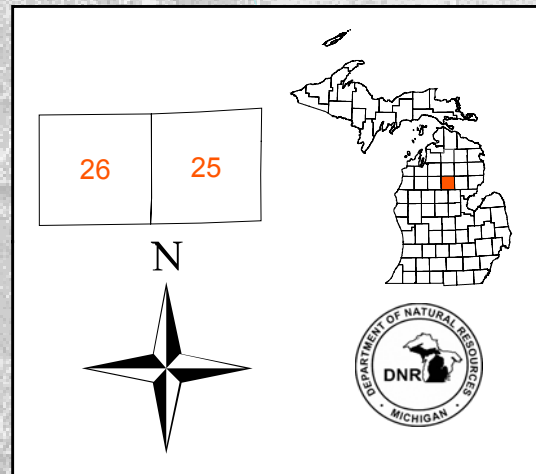
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 33
 T24N, R3W, Sec. 25, 26
 County: Roscommon
 Unit: Roscommon
 YOE: 2007
 Acres: 651 GIS Calculated
 Stand Examiner:
 Glenn Taurence/Jason Hartman
 Map Revised: 10/20/2005
 Map Phase: Pre-review



- Legend**
- Miris Corners
 - Paved Roads
 - Gravel Roads
 - Poor Dirt Roads
 - Powerlines
 - Pipelines
 - State Highway
 - Stand Boundary
 - 400 - Thinning
- Name Public Gravel Roads

