



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 28 ENTRY YEAR: 2007

Compartment Acreage: 875 County: Roscommon

Revision Date: 10-15-2005

Stand Examiner: G. Taurence and J. Hartman

Legal Description: T24N R4W sections 27 and 34

RMU (if applicable): Not Applicable

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

Soil and Topography: Grayling and Roselawn sand with some Rubicon sand. Lowlands are composed of Rifle peat. Digitized Kotar types indicate that PArVvb and PArVHa dominate section 27 with a quarter of that section between PArVHa and PArVCd site quality. Section 34 is dominated by wetland and PArVCo habitat types. Pre-settlement forest was dominated by mixed conifer swamp, mixed pine-oak forest, and white pine-red pine forest.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Approximately 400 acres of the two sections is in private landholdings. Private parcels range in size from 15 acres to as small as one acre. All parcels have legal access via county roads.

Unique, Natural Features: Hill's Thistle has been identified and Calypso orchid is in the area.

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

Special Management Designations or Considerations: Contains undedicated portions of the Deadstream Swamp on the south side.

Watershed and Fisheries Considerations: The compartment contains a walleye rearing pond in the southwest quarter of section 27.

Wildlife Habitat Considerations: Well traveled roads intersect almost all areas of this compartment. The swamp area to the south provides some cover, but interior wildlife species requiring large areas would generally not use this area except as a corridor. Good, turkey, squirrel, and grouse habitat exists on northern side of the compartment.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of peat and muck and minor glacial outwash sand and gravel. The glacial drift thickness varies between 200 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. The nearest gravel pit is located in Section 23 west and potential appears to be good in upland areas. Norwich Field is located

three miles to the northwest. The field has produced over 15.9 million BO and 15.7 Bcf gas primarily from the Devonian Richfield Formation. It is in secondary recovery operations currently. There are no current leases in the Compartment.

Vehicle Access: Access is good. County roads that are plowed include W. Birch Rd., W. Pine Dr. (Co. Rd. 104), Old 27, and Deadstream Rd. (Co. Rd. 301). The only Seasonal County Road is Loxley Rd. Forest roads are in good shape.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: There is a snowmobile parking lot in the contiguous compartment to the west and a MDOT commuter lot within the compartment at the corner of Old 27 and County road 104.

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: 28

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	152																										152
S Black Spruce		8																									8
G Grass					69																						69
J Jack Pine							36																				36
Q Mx Swmp Cnfr												296															296
O Oak														228													228
R Red Pine																37											37
E Swamp Hrdwds																				26							26
Z Water																									3	3	
W White Pine																										20	20
Total	152	8			69		36					296		228		37				26					3	20	875

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **28**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	2493 Cds	Hardwood	186 Cds
Hardwood	999 Mbf	Hardwood	58 Mbf
Softwood	2272 Cds	Sum CutVol	302 Cds
Softwood	284 Mbf		
Sum TotVol	7331 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
875		16	

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 28

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
28	O9	16	89	55	oak	mature	seed tree	1	planting	

comnts Fmd : Potential trespass present. Look into historical easement? . Use tsale to close road if no easement. Understory dominated by red maple. Mark oak mast/seed trees to leave. Plant red pine in a weave around the canopies of seed trees. Mark more leave trees out by Old 27. Long-term goal = mixed pine/oak management. Pine stand will nurse future oak regen.

Total Acres..... 16

**Proposed Treatments
With Limiting Factors**

Compartment: 28

Entry Year: 2007

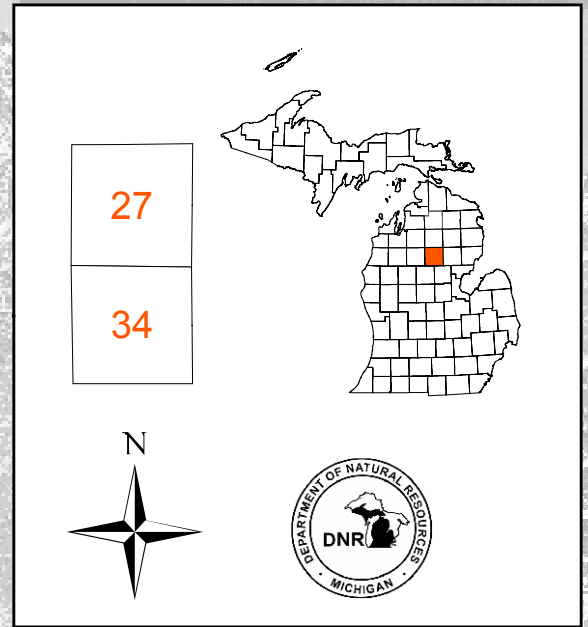
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 28
 T24N, R4W, Sec. 27, 34
 County: Roscommon
 Unit: Roscommon
 YOE: 2007
 Acres: 875 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
 - Parks
 - U.S. Highway
 - Stand Boundary
 - 700 - Shelterwood-prep
- Name** County Paved Roads
Name Public Paved Roads
Name Public Dirt Roads

