



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 45 ENTRY YEAR: 2007

Compartment Acreage: 820 County: Roscommon

Revision Date: 12-15-2005

Stand Examiner: Anderson

Legal Description: Sections 29 and 32 of T24N, R1W, Roscommon County

RMU (if applicable): Not Applicable

Management Goals: Maintain current cover types, balance stocking for sustained yield and healthy stands.

Soil and Topography:

Rubicon, Newton, and Grayling sands in the uplands, Saugatuck Ottawa and Ogemaw Sandy loams, in the lower areas, Rifle peat in the swamps.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

One large block of State owned land, with small block of private parcels along Pine Drive and the AuSable River.

Unique, Natural Features (include only non-site specific and non-sensitive information):

Au Sable River through the center of the compartment

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None Noted

Special Management Designations or Considerations:

None noted

Watershed and Fisheries Considerations:

AuSable River in the center of the compartment

Wildlife Habitat Considerations:

Deer, bear, turkey, grouse, song birds.

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 400 and 600 feet. Beneath the glacial drift are the Mississippian Marshall Sandstone and Coldwater Shale. The Marshall has been used as a building stone in the past. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located many miles away and potential appears to be limited. Section 29 is in St. Helen Field. 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. Section 29 is currently leased and Held by Production.

Vehicle Access:

Good

Survey Needs:

None noted

Recreational Facilities and Opportunities:

ORV Trail along the east side of the compartment in Section 32.
Hunting, Hiking, fishing throughout the compartment.

Fire Protection:

No special concerns

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: 45

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		17	113		13	105	36		7	4									295
Bog or Marsh	32																		32
Cedar										23									23
Grass	57																		57
Jack Pine						6	2												8
LowInd Brush	206																		206
LowInd Poplr										8									8
Mx Swmp Cnfr										7									7
Non Stocked	10																		10
Oak									2										2
Paper Birch										6									6
Red Pine											5								5
Swamp Hrdwds		33	22			44			16	5									120
Upland Hdwds																		29	29
Water	12																		12
Total	317	50	135		13	155	38		25	53	5							29	820

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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: 45

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	295																										295
V Bog or Marsh			32																								32
C Cedar				23																							23
G Grass					57																						57
J Jack Pine							8																				8
L LowInd Brush									206																		206
P LowInd Poplr										8																	8
Q Mx Swmp Cnfr												7															7
X Non Stocked													10														10
O Oak														2													2
B Paper Birch															6												6
R Red Pine																5											5
E Swamp Hrdwds																				120							120
M Upland Hdwds																								29			29
Z Water																									12		12
Total	295		32	23	57		8		206	8		7	10	2	6	5				120				29	12		820

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **45**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	2041 Cds	Hardwood	241 Cds
Hardwood	433 Mbf	Hardwood	116 Mbf
Softwood	559 Cds	Softwood	30 Cds
Softwood	140 Mbf	Sum CutVol	503 Cds
Sum TotVol	3746 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	42
820			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 45

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
11	A6	11	50	68	aspen (upland)	mature	final harvest	1		
comnts Fmd : Harvest and regenerate to aspen.										
40	A8	25	50	58	aspen (upland)	immature	final harvest	2		
comnts Fmd : 50 year old aspen stand with some decline.										
47	A9	4	85	66	aspen (upland)	mature	final harvest	2		
comnts Fmd : Long, narrow strip from oil well to oil well. Harvest and regenerate to aspen.										
301	O8	2	75	55	oak	mature	seed tree	2		

Total Acres..... 42

**Proposed Treatments
With Limiting Factors**

Compartment: 45

Entry Year: 2005

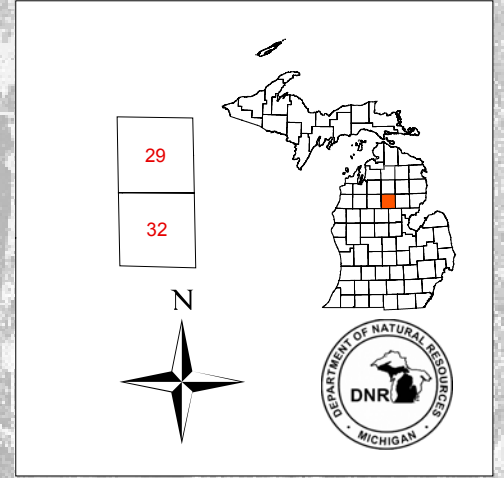
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 45
 T24N, R1W, Sec. 29, 32
 County: Roscommon
 Unit: Roscommon
 YOE: 2007
 Acres: 820 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 10/26/2005
 Map Phase: Pre-review



Legend

- RLS Corners
- Miris Corners
- County Dirt Roads
- Poor Dirt Roads
- Trails
- Oil Wells
- ORV Trails
- Snowmobile Trails
- Stand Boundary
- 100 - Final Harvest
- 200 - Seed Tree
- Name* County Gravel Roads
- Name* Water Features

