



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 201 ENTRY YEAR: 2007

Compartment Acreage: 2311 County: Roscommon

Revision Date: 12-15-2005

Stand Examiner: Anderson

Legal Description: Sections 1,2,11,12,15, 23-26 of T 21N R2E and Section 36 of T22N, R2E Ogemaw Co.

RMU (if applicable): Not Applicable

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

Soil and Topography: Widely variable, from Grayling and Roselawn sands in the uplands to Saugatuck and Newton Loamy sands in lower areas, with Rifle and Lupton Peat in the swamps.

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

One large block of state owned land in the northern portion, two large blocks on the south side, with four smaller parcels adjoining them.

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

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

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

South Eddy Creek, a tributary of the Rifle River, flows through the center of the compartment.

Wildlife Habitat Considerations:

Deer, Turkey, Grouse.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift are the Mississippian Michigan Formation, Marshall Sandstone and Coldwater Shale. The Michigan is quarried for gypsum and the Marshall has been used as a building stone in the past in other areas of the State. There are many gravel pits in the area and potential is good on the upland areas. West Branch Field is located in Section 1 and 2. The field has produced over 16 million BO from the Devonian Dundee and Richfield Formations. It is in secondary recovery operations currently. The field also produces from the Prairie du Chien. Section 1 is partially leased and Held by Production.

Vehicle Access:

Good

Survey Needs:

Line between state and private needs to be re-established in many areas, especially south and west part of compartment.

Recreational Facilities and Opportunities:

Hunting, Hiking

Fire Protection:

Wildland urban interface potential in the northern part of the compartment, with pine cover type. Sour Gas wells throughout the compartment present control difficulties, and limit equipment use. No good draft points.

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

OGEMAW COUNTY

COMPARTMENT: **201**

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS																Total	
	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
Aspen					553	254	83			88									978
Bog or Marsh	125																		125
Cedar												146			76				222
Grass	22																		22
LowInd Brush	22																		22
Mx Swmp Cnfr										37									37
Non Stocked	18																		18
Oak		25		30	102					63	330	51							601
Red Pine						32													32
Swamp Hrdwds					14		21		37	52									124
Water	6																		6
White Pine					96			28											124
Total	193	25		30	765	286	104	28	37	240	330	197			76				2311

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: 201

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	978																										978
V Bog or Marsh			125																								125
C Cedar				222																							222
G Grass					22																						22
L Lowlnd Brush									22																		22
Q Mx Swmp Cnfr												37															37
X Non Stocked													18														18
O Oak														601													601
R Red Pine																32											32
E Swamp Hrdwds																				124							124
Z Water																									6	6	
W White Pine																										124	124
Total	978		125	222	22				22			37	18	601		32				124					6	124	2311

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: **201**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY

TOTAL VOLUME		CUT VOLUME	
Hardwood	15550 Cds	Hardwood	3527 Cds
Hardwood	2530 Mbf	Hardwood	1249 Mbf
Softwood	6538 Cds	Softwood	570 Cds
Softwood	744 Mbf	Softwood	316 Mbf
Sum TotVol	28636 Cds	Sum CutVol	7227 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	414
2311			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 201 **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
5	O6	47	92	51	oak	mature	selection	1		
comnts Fmd : Take out jack pine, leave oak so that there is some visual barrier along Cabin Lake Rd. Leave small white and red pine 6" and under as well.										
6	O6	24	92	51	oak	mature	selection	1		
comnts Fmd : REMOVE ALL JP. Visual management along Cabin Lake Rd. Leave white and red pine 6" and under.										
12	O8	17	85	53	oak	mature	final harvest	1		
comnts Fmd : Poor quality pin oak. Most of the trees are log diameter, but the form and quality is extremely low. They are not really in the sawlog market class. Dead oak in the stand ranges from 10 to 30 square feet, and would probably be higher if the trees were not being cut down so rapidly by the firewood influence. Many piles of tops and stumps throughout the stand. Recommend that the stand be final harvested, and allowed to regenerate to mixed oak, aspen as soon as possible so that the stumps do not lose their vigor, and to take advantage of legitimate demand for this quality of material.										
15	O5	20	92	58	oak	mature	shelterwood-seed	1		
comnts Fmd : Leave 10 sq ft of pin oak as mast/seed, as well as any white oak.										
21	A9	50	55	75	aspen (upland)	mature	final harvest	1		
comnts Fmd : Nice BTA stand, should be harvested and regenerated to aspen. Alternate species will be Red Maple, Aspen Oak mix.										
22	O6	14	92	54	oak	mature	shelterwood-seed	1		
comnts Fmd : Overmature Pin oak stand in rapid decline. Has some understory development of oak. Harvest overmature overstory pin-black oak, leave all white oak, as well as and any white-red pine under 6" for diversity. Alternate species is to plant Jack pine in poorly stocked areas.										
24	O5	42	95	55	oak	mature	final harvest	1		
comnts Fmd : Overmature Pin-black oak stand. Harvest pin-black oak, any aspen and red maple. Leave all white oak, and any white-red pine under 6" for diversity. Alternative prescription will be to plant jack pine if natural regeneration fails.										
29	O9	54	92	56	oak	mature	final harvest	1		
comnts Fmd : Harvest and regenerate to oak aspen mix. If regeneration fails, plant to red pine.										
32	R9	32	46	55	red pine	immature	selection	1		
comnts Fmd : FDF STAND THIN AND REMOVE HARDWOODS. Was scheduled for treatment last time, but not done. Red pine is in rows, aspen in pockets. Should end up a mixed stand again.										
33	A9	20	40	50	aspen (upland)	mature	final harvest	1		
comnts Fmd : Aspen which is has peaked, and is beginning to show some evidence of decline. Harvest and regenerate. Harvesting should regenerate the stand and increase its area.										
90	A6	6	85	55	aspen (upland)	mature	final harvest	3		
comnts Fmd : MANY OAK SAPLINGS, SHOULD BE HARVESTED WHEN THE GROUND IS FROZEN. Not a sale to contract out, staff should put in lines due to BMP concerns.										
93	O6	15	99	51	oak	mature	thinning	1		
comnts Fmd : Thin, leaving all white oak, and better mixed oak. Create regeneration holes where possible.										
95	O6	30	92	51	oak	mature	seed tree	1		
comnts Fmd : Harvest and regenerate through stump sprouting. Part of a larger area of 1913 era oak which needs to be regenerated.										

Total Acres..... 371

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 201 **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
44	A6	14	80	58	aspen (upland)	high risk	final harvest	1		

TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : NO ACCESS, recommend disposal by trade

91	A6	29	80	58	aspen (upland)	high risk	final harvest	1		
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TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : NO ACCESS, reccomned for disposal by trade

Total Acres..... 43

