



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 193    ENTRY YEAR: 2008**

**Compartment Acreage: 2844      County: Ogemaw**

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**Revision Date:** 10/12/06

**Stand Examiner:** D. Ekdorn

**Legal Description:** T23N R02E Section 27 – 29,32 & 33  
T22N R02E Section 5

**RMU (if applicable):** Not Applicable

**Management Goals:** Maintain current age and species diversity in a range of early and late successional ecosystems.

**Soil and Topography:** Terrain ranges from relatively flat on the north and west to rolling in the center to steep hills and bowls on the south and east. Soils are predominately Roselawn sand and Roselawn sandy gravelly loam with Lupton Muck in the bottomlands along Klacking Creek.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This compartment is mostly state land with some private inholdings within the compartment. There is both private and state land surrounding the compartment. The private land is mostly wooded parcels with both permanent and seasonally residences. There is some farmland to the east and south. Directly south of the compartment on private property is a large active gravel pit.

**Unique, Natural Features:** Compartment contains the headwaters of Klacking Creek which flows into the Rifle River, which has a natural river designation.

**Archeological, Historical, and Cultural Features:** There are old homestead sites scattered through-out the compartment as evidenced by the remains of old foundations and fences.

**Special Management Designations or Considerations:** Numerous stands along Klacking Creek have been designated an SCA due to its designation as a tributary to a natural river. These stands also have unique topography (steep slopes), the presence of large mature/overmature trees, and the presence of northern hardwood & hemlock cover-types which are rare on the Roscommon Management Unit.

**Watershed and Fisheries Considerations:** Klacking Creek is a coldwater trout stream and a tributary of a natural river – The Rifle River.

**Wildlife Habitat Considerations:** Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, and turkeys as well as non-game species.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of ice-contact outwash sand and gravel. The glacial drift thickness varies between 100 and 400 feet. Beneath the

glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the State. A gravel pit is located in Section 5 and potential appears to be good. The West Branch Field is located three miles to the south. The field has produced over 16 million BO from the Devonian Dundee and Richfield Formations and is in secondary recovery operations currently. The Field also produces from the Prairie du Chien. The State lands in the Compartment are not currently leased.

**Vehicle Access:** Vehicle access to the compartment is good along county roads and forest two-tracks. Vehicle access to much of the compartment is controlled by Directors Orders.

**Survey Needs:** A small amount of survey work may need to be done to complete some of the proposed treatments.

**Recreational Facilities and Opportunities:** This compartment contains the Ogemaw Hills Pathway which is a cross-country ski and hiking pathway. It also contains a portion of the Ogemaw Hills ORV Trail. In addition, due to its proximity to West Branch, it is heavily used for hunting and other dispersed recreation.

**Fire Protection:** Fire protection is not a problem in this compartment due the absence of volatile fuel types and its proximity to the West Branch Field Office. However, steeper terrain in a lot of this compartment could hamper access for fire suppression equipment.

**Additional Compartment Information:** Most aspen is not ready to be regenerated this year-of-entry so efforts are being concentrated on the oak resource in this compartment. 334 acres of oak thinning treatments have been prescribed to maintain the health and vigor of the oak stands in this compartment. Other proposed treatments this year-of-entry include 69 acres of red pine thinning and 26 acres of final harvest in aspen. Visual aesthetics and bio-diversity will need to be a major aspect of any proposed treatments in this compartment.

- **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: 193

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		255	258	436	197	35	10			8	51								1250
Bog or Marsh	18																		18
Grass	95																		95
Hemlock												15	17						32
Lowlnd Brush	7																		7
Marsh	15																		15
Mx Swmp Cnfr										8	44								52
Non Stocked	3																		3
Oak						24		14	326	628	87								1079
Red Pine					34	28	7	31											100
Swamp Hrdwds					9					17									26
Upland Brush	68																		68
Upland Hdwds										67	5								72
White Pine						15		12											27
<b>Total</b>	<b>206</b>	<b>255</b>	<b>258</b>	<b>436</b>	<b>240</b>	<b>102</b>	<b>17</b>	<b>57</b>	<b>326</b>	<b>728</b>	<b>187</b>	<b>15</b>	<b>17</b>						<b>2844</b>

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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: 193

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	1250																										1250
V Bog or Marsh			18																								18
G Grass					95																						95
H Hemlock						32																					32
L Lowlnd Brush									7																		7
N Marsh											15																15
Q Mx Swmp Cnfr												52															52
X Non Stocked													3														3
O Oak														1079													1079
R Red Pine																100											100
E Swamp Hrdwds																				26							26
U Upland Brush																									68		68
M Upland Hdwds																									72		72
W White Pine																										27	27
<b>Total</b>	1250		18		95	32			7		15	52	3	1079		100				26				68	72	27	2844

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: 193

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	13410 Cds	Hardwood	2129 Cds
Hardwood	7623 Mbf	Hardwood	1168 Mbf
Softwood	4053 Cds	Softwood	891 Cds
Softwood	1376 Mbf	Softwood	113 Mbf
Sum TotVol	35461 Cds	Sum CutVol	5582 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	429
2844			

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 193**    **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
<b>12</b>	<b>R6</b>	7	49	60	red pine	immature	thinning	2		
comnts Fmd : NICE R9 STAND THINNED IN 1999, PARTS NEED THINNING AGAIN, POSSIBLY CONVERT TO NATURAL RED PINE STAND IN FUTURE Y.O.E.'S, SOME STEEP TERRAIN IN PARTS OF STAND, W2 U.S. IN SOME SPOTS, LOTS OF OAK SPROUTS/SEEDLINGS IN OTHER SPOTS, THIN TO 90 SF AND PROTECT U.S. BY LIMITING SKIDDING LENGTH										
<b>15</b>	<b>M9</b>	15	86	60	northern hardwood	immature	thinning	2		
comnts Fmd : NHW LOG STAND WHICH IS HEAVY TO OAK, THIN STAND TO 110-120 SF THIS Y.O.E. AND THEN SELECT CUT IN 2018, THIS THINNING WILL BE MOSTLY A TIMBER STAND IMPROVEMENT (T.S.I.) CUT TO INCREASE THE QUALITY OF THE STAND, MAY NEED A SURVEY TO COMPLETE THIS SALE										
<b>16</b>	<b>O9</b>	68	86	67	oak	immature	thinning	2		
comnts Fmd : O9 STAND WITH SCATTERED N.H.W. SPECIES, ROLLING TERRAIN, STAND EDGE IS TOP OF RIDGE FOLLOWING CONTOURS, THIN TO 90 SF FAVORING WHITE OAK, R/W/ PINE, AND N.H.W. SPECIES, CUT ALL ASPEN AND MARK RM/OAK TO CUT										
<b>25</b>	<b>R6</b>	15	46	60	red pine	immature	thinning	1		
comnts Fmd : THINNED 1999, THIN TO 140 SF AND MANAGE FOR UTILITY POLES DURING FUTURE Y.O.E.'S, ROLLING TERRAIN WITH A FEW STEEP SPOTS, HAS OLD HOMESTEAD JUST WEST OF PIPELINE										
<b>28</b>	<b>O9</b>	42	80	55	oak	immature	thinning	2		
comnts Fmd : OAK STAND WITH ROLLING TERRAIN, AVOID STEEPER RAVINES AND BOWLS, THIN TO 90 SF AND RETAIN PINE COMPONENT AND FAVOR WHITE OAK WHERE POSSIBLE, MARK OAK/RED MAPLE TO CUT, LEAVE SUGAR MAPLE										
<b>29</b>	<b>R6</b>	3	37	67	red pine	immature	thinning	2		
comnts Fmd : STAND HAS NEVER BEEN THINNED, REMOVE EVERY THIRD ROW AND HARDWOODS WHERE FEASIBLE, ROLLING TERRAIN WITH SOME STEEP SPOTS, NOT MUCH UTILITY POLE POTENTIAL HERE										
<b>31</b>	<b>R6</b>	9	37	60	red pine	immature	thinning	2		
comnts Fmd : THINNED 1999, ROLLING TERRAIN WITH SOME STEEP SLOPES, DECENT QUALITY RP, THIN TO 110 SF										
<b>34</b>	<b>R6</b>	10	37	60	red pine	mature	thinning	2		
comnts Fmd : THINNED 1999, TRANSITIONING TO R9, HIGH QUALITY RED PINE WITH SCATTERED OAK/BEECH/ RP SEEDLINGS, MANAGE FOR UTILITY POLES, THIN TO 140 SF,										
<b>35</b>	<b>O9</b>	45	73	55	oak	immature	thinning	2		
comnts Fmd : NICE QUALITY RO/WO SAWLOGS WITH RM SAWLOGS/POLE AND SCATTERED SOLITARY ASPENS AND ASPEN CLONES, THIN TO 90 SF, CUT ALL ASPEN AND MARK OAK/MAPLE TO CUT,REMOVE SOME OF THE LARGER OAKS TO CREATE REGENERATION HOLES, MANAGE FOR A MIXED OAK AND MAPLE STAND, PARTS OF THE PATHWAY IN THE STAND,										
<b>36</b>	<b>A9</b>	10	56	50	aspen (upland)	mature	final harvest	1	natural regeneration	
comnts Fmd : NICE STAND OF BTA/OAK/RM, CUT TO REGENERATE ASPEN LEAVING SOME WHITE OAK FOR MAST/DIVERSITY, ANY COMBINATION OF ASPEN/OAK/RED MAPLE IS ACCEPTABLE REGENERATION										
<b>38</b>	<b>R6</b>	12	37	60	red pine	immature	thinning	2		
comnts Fmd : THINNED 1999, THIN TO 90 SF OR HOLD AS DESIRED, SCATTERED BL. CHERRY, JP, WP, NOT MUCH UTILITY POLE POTENTIAL IN THIS STAND										
<b>39</b>	<b>R6</b>	8	47	60	red pine	immature	thinning	2		
comnts Fmd : THINNED 1999, THIN TO 120 SF										
<b>41</b>	<b>A6</b>	8	42	55	aspen (upland)	mature	final harvest	1	natural regeneration	
comnts Fmd : 42 YEAR OLD A6, 2 AGED TEMBLING ASPEN WITH HYPOX. CANKER ON OLDER TREES, CENTER OF STAND IS HEAVY TO WHITE PINE, CUT TO REGENERATE ASPEN BUT PAINT OUT W6 OR LEAVE R/W PINE FOR VISUAL ON THE PATHWAY AND DIVERSITY IN THE COMPARTMENT, ANY COMBINATION OF ASPEN/OAK/RED MAPLE IS ACCEPTABLE AS REGENERATION										
<b>43</b>	<b>O9</b>	45	73	55	oak	immature	thinning	2		
comnts Fmd : NICE QUALITY RO/WO SAWLOGS WITH RM SAWLOGS/POLES AND SCATTERED SOLITARY ASPENS AND ASPEN CLONES, THIN TO 90 SF, CUT ALL ASPEN AND MARK OAK/MAPLE TO CUT,REMOVE SOME OF THE LARGER OAKS TO CREATE REGENERATION HOLES, MANAGE FOR A MIXED OAK AND MAPLE STAND, PARTS OF THE PATHWAY IN THE STAND,										

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 193**    **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
<b>51</b>	<b>O9</b>	4	86	55	oak	immature	thinning	2			
comnts Fmd : REMOVED A/RM IN PARTS OF THIS STAND AT SOME PAST Y.O.E., LOTS OF MT. MAPLE/WITCHHAZEL IN U.S. ALONG WITH RED MAPLE, SCATTERED SPOTS ARE HEAVY TO ASH SEEDLINGS, ROLLING TERRAIN WITH A FEW STEEP SPOTS, CUT ASPEN /RED MAPLE AND MARK OAK TO CUT											
<b>72</b>	<b>A9</b>	8	86	70	aspen (upland)	mature	final harvest	1	natural regeneration		
comnts Fmd : NICE STAND OF BTA/OAK/RM, CUT TO REGENERATE ASPEN ANY COMBINATION OF ASPEN/OAK/RED MAPLE IS ACCEPTABLE REGENERATION											
<b>116</b>	<b>O9</b>	22	86	67	oak	immature	thinning	2			
comnts Fmd : O9 STAND WITH SCATTERED N.H.W. SPECIES, ROLLING TERRAIN, STAND EDGE IS TOP OF RIDGE FOLLOWING CONTOURS, THIN TO 90 SF FAVORING WHITE OAK, R/W/ PINE, AND N.H.W. SPECIES, CUT ALL ASPEN AND MARK RM/OAK TO CUT											
<b>125</b>	<b>R6</b>	5	46	60	red pine	immature	thinning	1			
comnts Fmd : THINNED 1999, THIN TO 140 SF AND MANAGE FOR UTILITY POLES DURING FUTURE Y.O.E.'S, ROLLING TERRAIN WITH A FEW STEEP SPOTS											
<b>128</b>	<b>O9</b>	50	80	55	oak	two aged	thinning	2			
comnts Fmd : ROLLING TERRAIN WITH 1 OR 2 STEEP PARTS, O9 WITH R/W PINE SAW LOG COMPONENT, THIN TO 90-110 SF, RETAIN R/W PINE COMPONENT AND FAVOR WHITE OAK, STAND IS TRENDING TOWARDS ALL-AGED, MAY NEED A SURVEY TO COMPLETE THIS SALE											
<b>151</b>	<b>O9</b>	35	86	55	oak	immature	thinning	2			
comnts Fmd : REMOVED A/RM IN PARTS OF THIS STAND AT SOME PAST Y.O.E., LOTS OF MT. MAPLE/WITCHHAZEL IN U.S. ALONG WITH RED MAPLE, SCATTERED SPOTS ARE HEAVY TO ASH SEEDLINGS, ROLLING TERRAIN WITH A FEW STEEP SPOTS, CUT ASPEN /RED MAPLE AND MARK OAK TO CUT											
<b>164</b>	<b>O9</b>	8	92	68	oak	mature	thinning	2			
comnts Fmd : OAK KNOB WITH SCATTERED A/M, THIN TO 80SF BY REMOVING ASPEN AND MARKING RM/OAK TO CUT											
<b>Total Acres.....</b>		<b>429</b>									

**Proposed Treatments  
With Limiting Factors**

**Compartment: 193**    **Entry Year: 2008**

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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>FDF Status</b>
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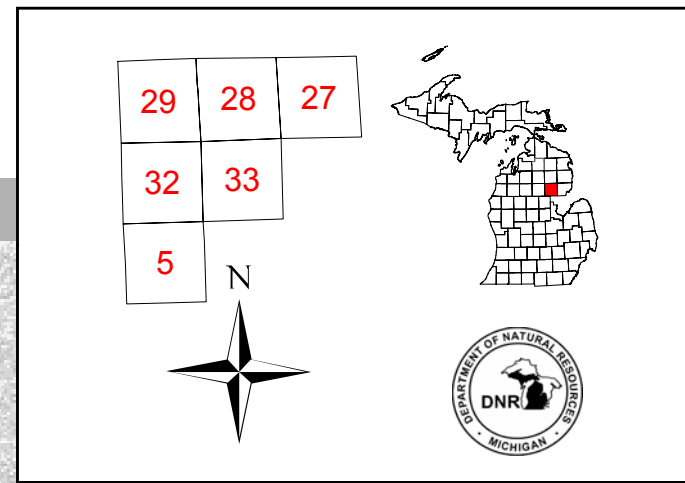
TREATMENT LIMITING FACTORS:

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

# Field Map

Compartment 193  
 T22N, R02E, Sec. 5  
 T23N, R02E, Sec. 27-29, 32, 33  
 County: Ogemaw  
 Unit: Roscommon  
 YOE: 2008  
 Acres: 2,844 GIS Calculated  
 Stand Examiner: Dale Ekdom  
 Map Revised: 10/30/2006  
 Map Phase: Pre-Review



**Legend**

- Miris Corners
- County Gravel Roads
- Gravel Roads
- Paved Roads
- Poor Dirt Roads
- Trails
- Pipelines
- ORV Trails
- Ski Trails
- Hiking Trails
- Stand Boundary
- Biodiversity/Old Growth Area
- 148 - Final Harvest/Natural Regeneration/Other
- 400 - Thinning

