



**GRAYLING FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 110 ENTRY YEAR: 2008

Compartment Acreage: 1639

County: Roscommon

Revision Date: 10-26-2006

Stand Examiner: Jason Lewicki

Legal Description: T22N R04W Sections 16,17 and 18.

RMU (if applicable):N/A

Management Goals: To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

Soil and Topography: Soils generally are Bergland loam, Saugatuck sand and Rifle peat. Topography is very level and has a very high water table.

Ownership Patterns, Development, and Land Use in and Around the Compartment: There is some private property to the east and south. This compartment lies within the Houghton lake deer research area.

Unique, Natural Features: None

Archeological, Historical, and Cultural Features: The west side of this compartment was ditched at one time to promote drainage (Nellsville ditch).

Special Management Designations or Considerations: This compartment lies within the Houghton lake deer research area. This area is "out of scope" for forest certification.

Watershed and Fisheries Considerations: Nellsville ditch and the headwaters to bear creek are within this compartment.

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species. There are many maintained openings within this compartment.

Mineral Resource and Development Concerns and/or Restrictions: This area is used by the oil and gas industry and there are many active and inactive well sites in and around the compartment.

Vehicle Access: Vehicle access is good throughout the compartment where high ground exists.

Survey Needs: None

Recreational Facilities and Opportunities: Good vehicle access creates good hunting opportunities.

Fire Protection: Majority of compartment is state owned with little urban interface. Much of this compartment is a wetland and the rest has a very high water table. The upland areas of this compartment are made up of primarily hardwood cover types.

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: 110

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	594																										594
G Grass					17																						17
J Jack Pine							34																				34
L Lowlnd Brush									127																		127
N Marsh											617																617
Q Mx Swmp Cnfr												46															46
X Non Stocked													3														3
B Paper Birch															16												16
F Spruce Fir																			49								49
E Swamp Hrdwds																				62							62
U Upland Brush																								25			25
Z Water																									49		49
Total	594				17		34		127		617	46	3		16				49	62				25	49		1639

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **110**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	6362 Cds	Hardwood	372 Cds
Hardwood	87 Mbf	Sum CutVol	372 Cds
Softwood	1559 Cds		
Sum TotVol	8095 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	18
1639			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 110 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
21	A6	13	41	55	aspen (upland)	immature	final harvest	1			
comnts Fmd : younger age class of quaking aspen that is begaining to develop heart rot. Some ash seedlings found throughout stand especially to the west. Areas of young balsam fir. Final harvest stand for aspen age class diversity. Leave all balsam fir for diversity and grouse habitat. Possibly leave a few reserve trees Girdle some aspen to create standing dead snags. Stand is lacking(snags) due to age. Will accept a mix of red maple, aspen and fir for regeneration. Create rabitat by having producer create at least 2 brush piles/acre.											
38	A4	5	46	50	aspen (upland)	mature	final harvest	1			
comnts Fmd : Low BA of aspen in decline. A few red maple and paper birch. A few low wet pockets with tag alder. Final harvest leaving some reserve trees. Will accept a mix of aspen and red maple. Create rabitat by creating at least 2 brush piles/acre by producer.											
415	G0	7			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING.											
420	G0	3			grass	nonstocked		0	opening maintenance		
comnts Fmd : Old maintained opening, grass and ferns encroaching with aspen.											
435	G0	3			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING.											
436	G0	2			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING.											
Total Acres.....		33									

**Proposed Treatments
With Limiting Factors**

Compartment: 110 **Entry Year: 2008**

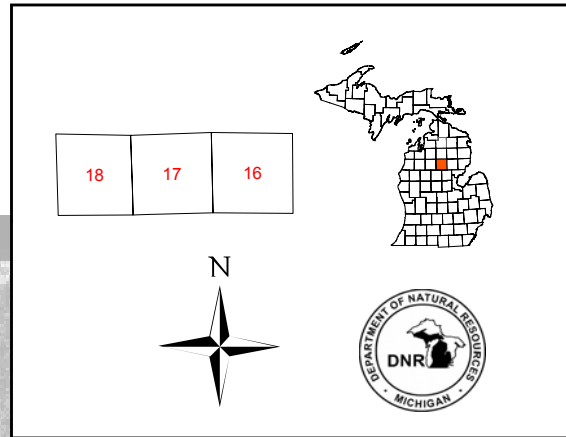
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 110
 T22N, R04W, Sec. 16-18
 County: Roscommon
 Unit: Roscommon
 YOE: 2008
 Acres: 1,639 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 10/30/2006
 Map Phase: Pre-Review



Legend

- Miris Corners
- Highways
- County Gravel Roads
- Paved Roads
- Poor Dirt Roads
- Water Features
- US Highway
- Stand Boundary
- 026 - Opening Maintenance
- 100 - Final Harvest

