



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 118 ENTRY YEAR: 2009

Compartment Acreage: 1235

County: Roscommon

Revision Date: 4-11-2007

Stand Examiner: Jason Lewicki

Legal Description: T22N R02W Sections 20 & 29

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 are generally Rubicon Sand, Sagatuck Sand and Rifle Peat. Topography is generally flat to slightly rolling. There are some lowland areas that include Denton Creek Flooding.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Much of this compartment is under state ownership. A 40 acre piece of land is private property in section 29.

Unique, Natural Features: None Known

Archeological, Historical, and Cultural Features: None known

Special Management Designations or Considerations: None Known

Watershed and Fisheries Considerations: Denton Creek Flooding and Denton Creek are within the compartment boundaries.

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species.

Mineral Resource and Development Concerns and/or Restrictions: Sections 20 and 29, T22N-R2W, Roscommon County

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 Pennsylvanian Saginaw Formation and the Mississippian Bayport Limestone and Michigan Formation. The Saginaw is quarried for clay, the Bayport for stone and the Michigan gypsum, elsewhere in the State. Most of the good gravel pits are associated with upland areas. There are no gravel pits in the area and potential appears to be limited. The abandoned Denton Creek Field is located in Section 28. The field produced nearly 55,000 BO from the Devonian Detroit River Formation. Section 29 was recently leased.

Vehicle Access: Vehicle access is very good in this compartment.

Survey Needs: None

Recreational Facilities and Opportunities: Good vehicle access provides excellent hunting opportunities. The snowmobile trail runs through this compartment.

Fire Protection: Good vehicle access with lowland and hardwood cover types improves wildfire protection.

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: 118

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			8	59	27	513			22										629
Bog or Marsh	62																		62
Cedar														30	19				49
Grass	62																		62
Jack Pine						10													10
LowInd Brush	217																		217
Mx Swmp Cnfr								9											9
Red Pine								12	43										55
Swamp Hrdwds									12										12
Water	82																		82
White Pine						22			16	10									48
Total	423		8	59	27	545		21	93	10				30	19				1235

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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: 118

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	629																										629
V Bog or Marsh			62																								62
C Cedar				49																							49
G Grass					62																						62
J Jack Pine							10																				10
L Lowlnd Brush									217																		217
Q Mx Swmp Cnfr												9															9
R Red Pine															55												55
E Swamp Hrdwds																			12								12
Z Water																									82		82
W White Pine																										48	48
Total	629		62	49	62		10		217			9			55				12						82	48	1235

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **118**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9991 Cds	Hardwood	1209 Cds
Hardwood	77 Mbf	Hardwood	63 Mbf
Softwood	2091 Cds	Softwood	148 Cds
Softwood	704 Mbf	Softwood	86 Mbf
Sum TotVol	13644 Cds	Sum CutVol	1655 Cds
Total Cmpnt Acres		Acres Proposed For Cut.....	106
1235			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 118 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
13	A6	22	75	50	aspen (upland)	immature	final harvest	1		
comnts Fmd : Old aspen stand mixed with oak.Heavy white pine understory. Harvest all aspen, red maple and high risk oak. Manage for aspen and white pine.										
19	R9	9	65	55	red pine	immature	thinning	1		
comnts Fmd : Natural red pine stand. Thick and stunted in some areas. Remove all jack pine and aspen. Thin red pine down to an average of 90 Sq. ft.										
203	A6	75	45	50	aspen (upland)	immature	final harvest	1		
comnts Fmd : Poor quality quaking aspen stand. Some red pine saw timber scattered about. White pine and some areas of advanced oak regeneration in understory. Final harvest leaving scattered pine and protect all understory regen.										
400	G0	8			grass	nonstocked		0	opening maintenance	
comnts Fmd : Grass stand with pockets of oak/pine/cherry/aspen. Heavy spotted knappweed.										
401	G0	2			grass	nonstocked		0	opening maintenance	
402	G0	4			grass	nonstocked		0	opening maintenance	
403	G0	2			grass	nonstocked		0	opening maintenance	
404	G0	14			grass	nonstocked		0	opening maintenance	
comnts Fmd : Only about 1/3 of entire opening is maintained at this time. The rest is heavy to spotted knappweed.										
407	G0	2			grass	nonstocked		0	opening maintenance	
408	G0	3			grass	nonstocked		0	opening maintenance	
Total Acres.....		141								

**Proposed Treatments
With Limiting Factors**

Compartment: 118

Entry Year: 2009

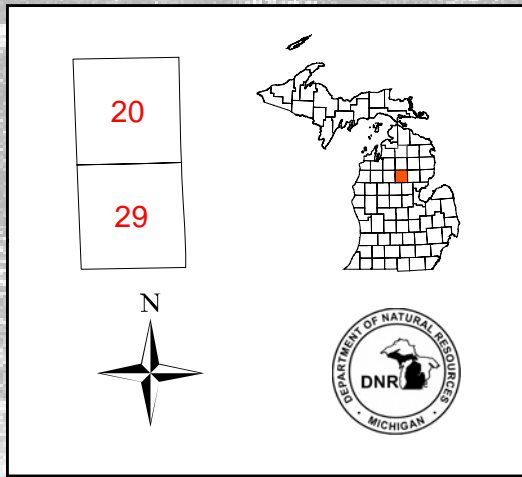
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 118
 T22N, R02W, Sec. 20, 29
 County: Roscommon
 Unit: Roscommon
 YOE: 2009
 Acres: 1,235 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 9/04/2007
 Map Phase: Pre-Review



- Legend**
- Miris Corners
 - County Gravel Roads
 - Poor Dirt Roads
 - Trails
 - Water Features
 - ORV Routes
 - Snowmobile Trails
 - Stand Boundary
 - 026 - Opening Maintenance
 - 100 - Final Harvest
 - 400 - Thinning

