



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT # 030 ENTRY YEAR: 2008

Compartment Acreage: 1453 County: Montmorency

Revision Date: December 19, 2006

Stand Examiner: Barber

Legal Description: T31N, R01E, Sec. 4, 5, & 6

RMU (if applicable):

Management Goals: Elk, timber, natural gas, and ORV control.

Soil and Topography: Soils are sandy to loamy sands—typically Graycalm and Millersberg. Habitat types range from PArVHa/PArVVb to AFO. Topography is often hilly or steep.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Surrounding lands are mostly state ownership. Some hunting properties are also located in the area.

Unique, Natural Features (include only non-site specific and non-sensitive information): None reported.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: There have been problems with forest regeneration due to elk browsing. ORVs and trucks have caused numerous BMP problems on steep slopes. Devices have been installed to control access, with varying degrees of success.

Watershed and Fisheries Considerations: No special considerations exist for this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for cement products elsewhere in the State. A gravel pit is located one mile to the northwest and potential is good on the upland areas. This area has been drilled and is producing gas from the Antrim Shale.

Vehicle Access: Roads to be closed are shown on compartment map as closed or abandoned. Gates and berms are used to attempt to keep vehicles out of the elk quite area (stand 431,) and sensitive or steep areas.

Survey Needs: None.

Recreational Facilities and Opportunities: Popular area for elk viewing/hunting and mushroom hunting.

Fire Protection: Adequate.

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: 30

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			206		90														296
Cedar												7							7
Grass	121																		121
Non Stocked	3																		3
Oak					7		32			42								109	190
Red Pine			50					51	60										161
Upland Hdwds				6	18					60								591	675
Total	124		256	6	115		32	51	60	102		7						700	1453

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: 30

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	296																										296
C Cedar				7																							7
G Grass					121																						121
X Non Stocked													3														3
O Oak														190													190
R Red Pine																161											161
M Upland Hdws																								675		675	
Total	296			7	121								3	190		161								675		1453	

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: **30**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5320 Cds	Hardwood	2600 Cds
Hardwood	5322 Mbf	Hardwood	403 Mbf
Softwood	761 Cds	Sum CutVol	3406 Cds
Softwood	1056 Mbf		
Sum TotVol	18837 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
1453		406	

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 30

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
1	M9	184		54	northern hardwood	unevenaged	selection	1		
comnts Fmd :										
3	M6	60	81	66	northern hardwood	immature	selection	1		
comnts Fmd : SOME HEMLOCK IN STAND - SOME WHITE PINE IN UNDERSTORY. Buffer steep slopes and hemlock areas.										
4	M9	155		60	northern hardwood	unevenaged	selection	1		
comnts Fmd : Thinned 2002, sale 016-99. Excessively steep in places, especially edges. of stand. Close roads with 8 foot minimum berms. Scatter debris along skid trails and roads to leave impassible. 2 chain minimum buffer on vernal pond(s).										
11	M9	7		60	northern hardwood	unevenaged	selection	1		
comnts Fmd : Excessively steep in places, especially edges. of stand. Close roads with 8 foot minimum berms. Scatter debris along skid trails and roads to leave impassible. Manage with stand 28.										
Total Acres.....		406								

**Proposed Treatments
With Limiting Factors**

Compartment: 30

Entry Year: 2008

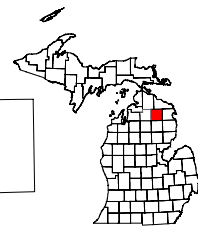
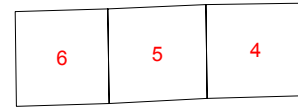
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 30
 T31N, R01E, Sec. 4-6
 County: Montmorency
 Unit: Atlanta
 YOE: 2008
 Acres: 1,453 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 9/21/2006
 Map Phase: Pre-review



Legend

- Miris Corners
- County Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Powerlines
- Pipelines
- Gas Wells
- Stand Boundary
- Biodiversity/Old Growth Areas
- 800 - Selection

