



**ATLANTA FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 64 ENTRY YEAR: 2008**

**Compartment Acreage: 1,295      County: Montmorency**

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**Revision Date:** December 19, 2006

**Stand Examiner:** Cody Stevens

**Legal Description:** T32N R02E Sec 4, 9, 15, 16 & 21

**RMU (if applicable):**

**Management Goals:**

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan.

**Soil and Topography:** The compartment is predominately located on Sandy soils including Graycalm and Grayling types. The topography of the compartment is mainly level with a few steep side hills into low ground areas.

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

This compartment is the western edge of a large area of state land. The west boundary of the compartment is adjacent to Canada Creek Ranch. There is some land use in the area from the Ranch members and some illegal ORV activities.

**Unique, Natural Features:**

Some species are present in and around the compartment.

**Archeological, Historical, and Cultural Features.**

None known.

**Special Management Designations or Considerations:**

This compartment is located within a HCVA, the Clear Lake Kirtland Warbler Management.

**Watershed and Fisheries Considerations:**

**Fisheries Concerns is General:**

**Wildlife Habitat Considerations:**

**Mineral Resource and Development Concerns and/or Restrictions:**

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for cement products elsewhere in the State. Gravel pits are located in Sections 15 and potential is good. This area is partially leased and unitized for Antrim Shale development on the south end. The Antrim Shale is thinning and appears to be gone just north of the Compartment.

**Vehicle Access:**

This compartment is easily access from Highway M-33, and County Roads South Entrance Rd and CC Ranch Rd. The remainder of the compartment has several two tracks for traversing the area.

**Survey Needs:**

There is a potential trespass in front of the Elbo-Inn which will require survey work.

**Recreational Facilities and Opportunities:**

There are many opportunities for hunting, bird and wildlife viewing in the area.

**Fire Protection:**

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Hillman Township Fire Department. Most of the compartment is easily accessible by County Roads and 2-track roads.

**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: 64

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			10	26															36
Jack Pine		262	307	213		14	210	37	19										1062
Marsh	24																		24
Non Stocked	38																		38
Oak										38									38
Red Pine			10				66										18		94
Water	3																		3
<b>Total</b>	<b>65</b>	<b>262</b>	<b>327</b>	<b>239</b>		<b>14</b>	<b>276</b>	<b>37</b>	<b>19</b>	<b>38</b>							<b>18</b>		<b>1295</b>

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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: 64

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	36																										36
J Jack Pine							1062																				1062
N Marsh											24																24
X Non Stocked													38														38
O Oak														38													38
R Red Pine							54									40											94
Z Water																									3		3
Total	36						1116				24		38	38		40									3		1295

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: **64**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	662 Cds	Hardwood	302 Cds
Softwood	7791 Cds	Softwood	5511 Cds
Softwood	195 Mbf	Softwood	9 Mbf
Sum TotVol	8843 Cds	Sum CutVol	5831 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
1295		326	

**ATLANTA FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 64**

**Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
4	J6	11	76	51	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Leave all Oak, Red Pine and White Pine. Visual Area along M-33 and Canada Creek Ranch. Try to plant soon after cut. Mixture of pine and oak is acceptable regen. Stand is HCVA for KW Management											
7	O6	18	85	45	oak	old growth (potential or actual)	shelterwood-seed	2			
comnts Fmd : oak stand mixed with aspen and jack pine. Cut all jack pine, aspen and red maple. Thin oak to 40 BA. Leave all Red and White Pine. Regen mix of pine, aspen and oak is acceptable. Stand is HCVA for KW Management											
8	J6	8	72	46	jack pine	old growth (potential or actual)	final harvest	2			
comnts Fmd : Leave Red and White Pine and Oak for visual and seed source. Try natural regen first (mix of pine, oak and aspen are acceptable) then plant jack pine if necessary. Stand is HCVA for KW Management											
10	J6	17	66	46	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Stand is located along Ranch House Road, and borders Canada Creek. Leave all oak and Red and White Pine for visual. Plant Jack Pine. Mix of pine and oak is acceptable for regen. Stand is HCVA for KW Management											
11	J6	8	66	46	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Stand is located along Ranch House Road, and borders Canada Creek. Leave all oak and Red and White Pine for visual. Plant Jack Pine. Mix of pine and oak is acceptable for regen. Stand is HCVA for KW Management											
35	J2	3	25	46	jack pine	old growth (potential or actual)		0	planting		
comnts Fmd : Some mature JP mixed in. Erosion problems along west edge down 2-track. Near origin of CCR Fire. Stand is HCVA for KW Management Plant problem areas to control erosion and close off access due to KW.											
36	J6	79	56	46	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Some pockets of younger jack pine mixed in. Clear Cut and plant for KW. Need to set up in 2007 timber plan. Stand is HCVA for KW Management											
37	R6	54	52	44	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Clear Cut leave several clumps and vortices for visual management. Need to setup with 2007 timber plan. Stand is HCVA for KW Management											
38	J6	131	57	45	jack pine	old growth (potential or actual)	final harvest	1	planting		
comnts Fmd : Leave any oak. Plant for KW. Stand is HCVA for KW Management Need to setup with 2007 timber plan.											
<b>Total Acres.....</b>		<b>329</b>									

**Proposed Treatments  
With Limiting Factors**

**Compartment: 64**

**Entry Year: 2008**

<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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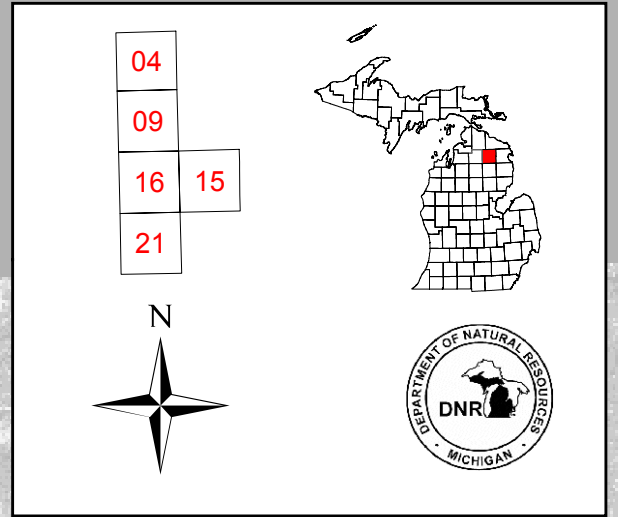
TREATMENT LIMITING FACTORS:

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Total Acres..... 0

# Field Map

Compartment 64  
 T32N, R02E, Sec. 4, 9, 15, 16, 21  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2008  
 Acres: 1,295 GIS Calculated  
 Stand Examiner: Cody Stevens  
 Map Revised: 9/21/2006  
 Map Phase: Pre-review



**Legend**

- Miris Corners
- Highways
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Powerlines
- State Highway
- Stand Boundary
- Biodiversity/Old Growth Areas
- 016 - Planting
- 100 - Final Harvest
- 116 - Final Harvest/Planting
- 300 - Shelterwood-seed

