



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 97 ENTRY YEAR: 2008

Compartment Acreage: 1,268 County: Alpena

Revision Date: December 19, 2006

Stand Examiner: Cody Stevens

Legal Description: T31N R05E Sec 5, 8 & 17

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 low ground composed of a Negwegon-Algonquin-Lupton complex. The topography of the compartment is mainly level with a large number of small pot hole type low areas dominated by tag-alder and full of water in wet seasons.

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

This compartment is part of a large area which is predominately state land. The land use in the area comes from hunters and trappers.

Unique, Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features.

None known.

Special Management Designations or Considerations:

None known.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of peat and muck. The glacial drift thickness varies between 0 and 100 feet. Beneath the glacial drift are the Devonian Antrim Shale and Traverse Group. The Antrim and Traverse are quarried for clay/shale and limestone/cement products near Alpena. Gravel pits are not located in this area and potential is limited. This area has had no drilling for oil and gas. The Antrim Shale is pinching out in this area and production is unlikely. There are no State oil and gas leases in the area.

Vehicle Access:

The vehicle access into this compartment is restricted do to the wet soils in the area. Many of the existing two-tracks have been closed to all vehicles because of severe soil damage in the wet seasons. There is access to three areas by good roads. Long Rapids Road runs along the north boundary, MCConnaughey Road provides access to the west side and the abandoned railroad grade a high ground corridor for walking and is open for snowmobile travel in the winter.

Survey Needs:

The southern portion of the compartment that was recently acquired may need some survey work done in the next entry period for timber sales.

Recreational Facilities and Opportunities:

There are many opportunities for hunting, bird and wildlife viewing in the area. The railroad grade in the southern portion of the compartment is a snowmobile trail.

Fire Protection:

Fire response to the compartment will be covered by the Alpena DNR office as well as the Hillman Township Fire Department. Fire potential is limited do to the wet soils in the area.

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

ALPENA COUNTY

COMPARTMENT: 97

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	571																										571
S Black Spruce		2																									2
L LowInd Brush									192																		192
P LowInd Poplr										265																	265
N Marsh											7																7
X Non Stocked													8														8
E Swamp Hrdwds																				202							202
U Upland Brush																								19			19
Z Water																									2		2
Total	571	2							192	265	7		8							202				19	2		1268

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: 97

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7573 Cds	Hardwood	468 Cds
Hardwood	694 Mbf	Hardwood	34 Mbf
Softwood	119 Cds	Softwood	38 Cds
Sum TotVol	9080 Cds	Sum CutVol	574 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	19
1268			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 97

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	A6	19	68	58	aspen (upland)	mature	final harvest	1		

comnts Fmd : Leave all oak, white and red pine. Use drumming log spec. Winter cut only. 98=Jack Pine, Spruce, Balsam Fire and White Pine. Aspen, red maple and pine mix is acceptable for regeneration.

Total Acres..... 19

**Proposed Treatments
With Limiting Factors**

Compartment: 97

Entry Year: 2008

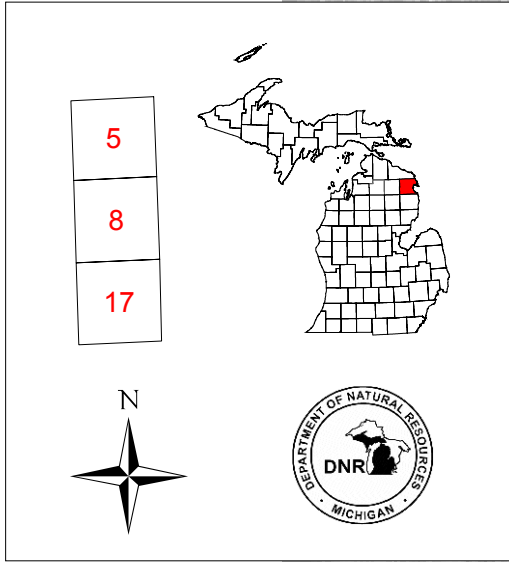
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 97
 T31N, R05E, Sec. 5, 8, 17
 County: Alpena
 Unit: Atlanta
 YOE: 2008
 Acres: 1,268 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 9/21/2006
 Map Phase: Pre-review



Legend

- Miris Corners
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trails
- Closed Roads
- ✕ Gates
- Snowmobile Trails
- Stand Boundary
- 100 -Final Harvest

