



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 89 ENTRY YEAR: 2009

Compartment Acreage: 1,557 County: Montmorency

Revision Date: October 16, 2007

Stand Examiner: Cody Stevens

Legal Description: T30N R08E Sec 5, 8-11, 16, 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 topography of the compartment is level lowland ground predominated by Cedar Swamps on the west side of Devil's Lake and Jack Pine & Aspen on the east side of the lake.

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

The southern block of the compartment is contiguous state land while there is 160 acres accessed off Lay Rd. There are also 3 small parcels on Partridge Point, but the two smallest parcels are currently being sold as part of the Phase II land review.

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 has an Ecological Reference Area in the eastern portion for a Wooded Dune & Swale Complex. The compartment also has a large amount of Potential Old Growth on the west side of Devil's Lake.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access:

This compartment is accessed from County Roads: Werth Rd, Lay Rd & Piper Rd. There are several two tracks for traversing the area.

Survey Needs:

None Known at this time.

Recreational Facilities and Opportunities:

There is a snowmobile trail on the west side of Devil's Lake and an ORV trail on the east side of the lake. There are many opportunities for hunting and wildlife viewing in the area.

Fire Protection:

Fire response to the compartment will be covered by the Alpena DNR office as well as the Alpena Fire Department.

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: 89

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	199																										199
C Cedar				597																							597
G Grass					2																						2
J Jack Pine							113																				113
L Lowlnd Brush									115																		115
P Lowlnd Poplr										13																	13
N Marsh											92																92
Q Mx Swmp Cnfr												80															80
X Non Stocked													33														33
O Oak														20													20
B Paper Birch															29												29
R Red Pine																41											41
E Swamp Hrdwds																			132								132
U Upland Brush																								39			39
W White Pine																										52	52
Total	199			597	2		113		115	13	92	80	33	20	29	41				132				39		52	1557

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: **89**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5175 Cds	Hardwood	740 Cds
Hardwood	89 Mbf	Hardwood	18 Mbf
Softwood	13326 Cds	Softwood	651 Cds
Softwood	868 Mbf	Softwood	110 Mbf
Sum TotVol	20415 Cds	Sum CutVol	1647 Cds
Total Cmpnt Acres		Acres Proposed For Cut.....	
1557		100	

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 89

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
52	A6	19	75	50	aspen (upland)	mature	final harvest	1			
comnts Fmd : Clear-cut with reserves. Leave all cedar and oak, and 2-3 white & red pin per acre. Winter cut to protect soils and lower conflict with ORV trail. Acceptable Regen is any mix of aspen, red maple, pine.											
60	J6	29	72	52	jack pine	mature	final harvest	1	planting		
comnts Fmd : Scattered apsen and red pine. Leave few oak and red pine per acre. Replant to Jack Pine. Mix of jack pine and oak is acceptable.											
66	R6	41	82	60	red pine	mature	shelterwood-seed	1			
comnts Fmd : Good white pine understory already established, shortwood to protect regen. Summer cut to help scarify soil. Thin overstory to 40-60 BA, some areas may not need any treatment if adequate room for regen to grow into overstory. Acceptable mix of regen is white pine, red pine, oak & jack pine.											
67	A6	11	72	56	aspen (upland)	mature	final harvest	1			
comnts Fmd : Clear cut with reserves, leave some oak & pine. No other retention needed due to small area. Acceptable regen mix is apsen, oak, red maple and pine. Piper Road runs through stand so acres will probably be decreased.											
Total Acres.....		100									

**Proposed Treatments
With Limiting Factors**

Compartment: 89

Entry Year: 2009

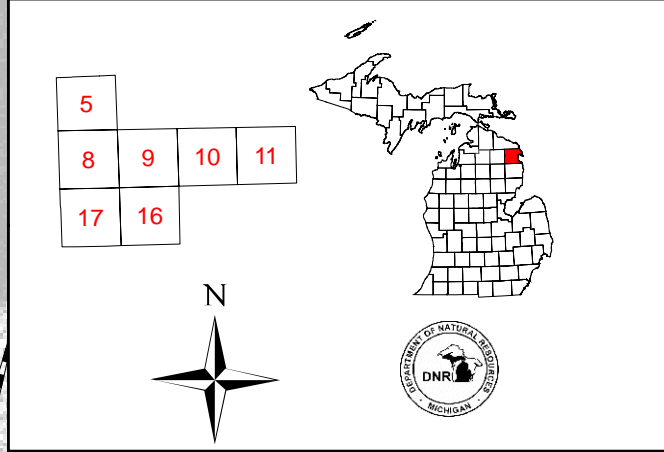
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 089
 T30N, R8E, Sec. 5, 8-11, 16, 17
 County: Alpena
 Unit: Atlanta
 YOY: 2009
 Acres: 1,557 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 8/20/2007
 Map Phase: Pre-Review



- Legend**
- Miris Corners
 - Highways
 - Paved Roads
 - Gravel Roads
 - Poor Dirt Roads
 - Closed Roads
 - Railroads
 - Trails
 - US Highway
 - ORV Routes
 - Snowmobile Trails
 - Stand Boundary
 - Special Conservation Areas
 - 100 - Final Harvest
 - 116 - Final Harvest/Planting
 - 300 - Shelterwood-seed

