



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 101 ENTRY YEAR: 2009

Compartment Acreage: 1604 County: Alpena

Revision Date: October 16, 2007

Stand Examiner: Barber

Legal Description: T31N, R7E, Sec. 5, 8 & 17.

RMU (if applicable):

Management Goals: Wetlands protection.

Soil and Topography: Predicted habitat types are mostly lowland and PArVCo. The compartment is flat, except for sandy ridges. The lowlands have organic muck soils.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly other state land with hunting camps and a subdivision to the north.

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: Access is difficult due to extensive wetlands.

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

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

Survey Needs: None.

Recreational Facilities and Opportunities: Hunting, mosquito swatting.

Fire Protection: Adequate. There are no heavy slash loads at this time.

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: 101

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 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | 53 |
| S Black Spruce | | 129 | | | | | | | | | | | | | | | | | | | | | | | | | 129 |
| V Bog or Marsh | | | 38 | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| C Cedar | | | | 13 | | | | | | | | | | | | | | | | | | | | | | | 13 |
| J Jack Pine | | | | | | | 47 | | | | | | | | | | | | | | | | | | | | 47 |
| L LowInd Brush | | | | | | | | | 617 | | | | | | | | | | | | | | | | | | 617 |
| P LowInd Poplr | | | | | | | | | | 349 | | | | | | | | | | | | | | | | | 349 |
| N Marsh | | | | | | | | | | | 26 | | | | | | | | | | | | | | | | 26 |
| Q Mx Swmp Cnfr | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | 24 |
| R Red Pine | | | | | | | | | | | | | | | 46 | | | | | | | | | | | | 46 |
| F Spruce Fir | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | 14 |
| E Swamp Hrdwds | | | | | | | | | | | | | | | | | | | | 103 | | | | | | | 103 |
| T Tamarack | | | | | | | | | | | | | | | | | | | | | | 145 | | | | | 145 |
| Total | 53 | 129 | 38 | 13 | | | 47 | | 617 | 349 | 26 | 24 | | | 46 | | | | 14 | 103 | 145 | | | | | | 1604 |

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: **101**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

| COMPARTMENT SUMMARY | | | |
|--------------------------|----------|-----------------------------|---------|
| TOTAL VOLUME | | CUT VOLUME | |
| Hardwood | 1373 Cds | Hardwood | 328 Cds |
| Hardwood | 99 Mbf | Hardwood | 13 Mbf |
| Softwood | 2747 Cds | Softwood | 18 Cds |
| Softwood | 338 Mbf | Sum CutVol | 372 Cds |
| Sum TotVol | 4994 Cds | | |
| Total Cmpnt Acres | | Acres Proposed For Cut..... | |
| 1604 | | 20 | |

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 101 Entry Year: 2009

| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FDI Status |
|---|------------|-------|-----|------------|---|-----------|---------------|------------------|----------------------|------------|
| 75 | P5 | 9 | 84 | 54 | balsam poplar & swamp aspen and swamp white birch | immature | final harvest | 3 | natural regeneration | |
| comnts Fmd : Acceptable regeneration would be any combination of oak, aspen, maple, ash, spruce, balsam fir or white pine resulting in a medium to fully stocked stand. Cut no red pine, white pine, oak, cedar, or hemlock, if they occur. Buffer drainages and wet areas. | | | | | | | | | | |
| 81 | E6 | 11 | 94 | 61 | swamp hardwoods | mature | final harvest | 1 | natural regeneration | |

Total Acres..... 20

**Proposed Treatments
With Limiting Factors**

Compartment: 101

Entry Year: 2009

| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FD Status |
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|----------------------|
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|----------------------|

TREATMENT LIMITING FACTORS:

Total Acres..... 0

Compartment 101
 T31N, R7E, Sec. 5, 8, 17
 County: Alpena
 Unit: Atlanta
 YOE: 2009
 Acres: 1,604 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 7/31/2007
 Map Phase: Pre-Review

Field Map

5
 8
 17

N

Legend

- Miris Corners
- Paved Roads
- - -** Gravel Roads
- - -** Poor Dirt Roads
- ⋯** Closed Roads
- Stand Boundary
- ▨** 148 - Final Harvest/Natural Regeneration/Other

