



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT # 079 ENTRY YEAR: 2008
Compartment Acreage: 1627 County: Alpena

Revision Date: December 19, 2006

Stand Examiner: Barber

Legal Description: T29N, R06E, Sec. 2, 3, 10, 11, 14, & 15.

RMU (if applicable):

Management Goals: Wildlife management and some timber management.

Soil and Topography: Mostly a big, flat wetland with wolf creek running through it. Some hilly areas exist in the north and east. The higher areas are sandy/sandy loams. Upland sites range PArvHa through PArVVb with patches of AFO.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment finds more wetlands to the south, wetlands and forest to the east. Farmland lies to the north and east.

Unique, Natural Features (include only non-site specific and non-sensitive information): MNFI has identified a Natural Feature in this compartment.

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

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: Wolf Creek and adjoining wetlands dominate this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured glacial till and 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. Gravel pits are located in the Compartment and potential is good on the uplands. This area is being developed for the Antrim Shale and all State lands are leased and held by production.

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

Survey Needs: None.

Recreational Facilities and Opportunities: This area is mostly used for 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

ALPENA COUNTY

COMPARTMENT: 79

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			33		126	94			29										282
Black Spruce			49						24										73
Cedar									129			18	109	53					309
Grass	7																		7
Lowlnd Brush	245																		245
Lowlnd Poplr			189			116													305
Mx Swmp Cnfr									28										28
Non Stocked	10																		10
Oak										42									42
Red Pine							9												9
Swamp Hrdwds																		147	147
Upland Brush	18																		18
Upland Hdwds						99													99
Water	40																		40
White Pine									13										13
Total	320		271		126	309	9		223	42		18	109	53				147	1627

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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: 79

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	282																										282	
S Black Spruce		73																									73	
C Cedar				309																							309	
G Grass					7																						7	
L LowInd Brush									245																		245	
P LowInd Poplr										305																	305	
Q Mx Swmp Cnfr												28															28	
X Non Stocked													5			5											10	
O Oak														42													42	
R Red Pine																9											9	
E Swamp Hrdwds																				147							147	
U Upland Brush																									18		18	
M Upland Hdwds																									99		99	
Z Water																									40		40	
W White Pine																										13	13	
Total	282	73		309	7				245	305		28	5	42		14				147				18	99	40	13	1627

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: **79**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	4895 Cds	Hardwood	252 Cds
Hardwood	1078 Mbf	Hardwood	76 Mbf
Softwood	5553 Cds	Softwood	22 Cds
Softwood	320 Mbf	Softwood	66 Mbf
Sum TotVol	13244 Cds	Sum CutVol	558 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
1627		38	

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 79

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
2	A5	29	70	62	aspen (upland)	mature	final harvest	1		
comnts Fmd : Leave conifers.										
5	R9	6	56	68	red pine	immature	thinning	1		
comnts Fmd : Plantation. Has been 3rd row thinned.										
15	R9	3	56	60	red pine	immature	thinning	1		
comnts Fmd : 3rd row thin. A stream flows from north to south.										
50	X0	5		53	red pine	nonstocked		0	planting	
comnts Fmd : Old dump site, ORV abuse extending up into oak ridge to the north. Trench and hand plant red pine.										

Total Acres..... 43

**Proposed Treatments
With Limiting Factors**

Compartment: 79

Entry Year: 2008

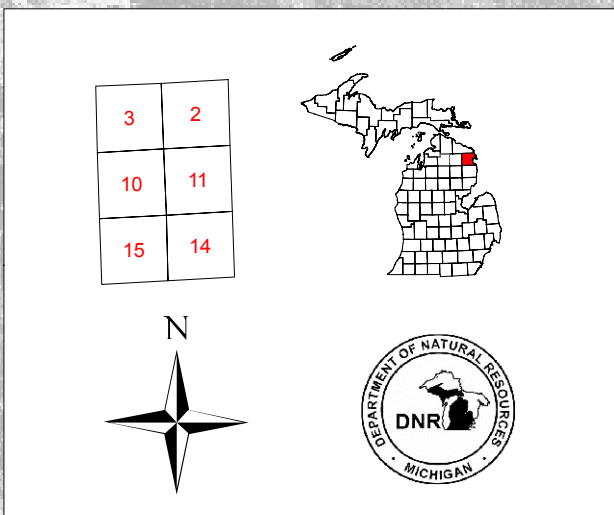
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 79
 T 29N, R 06E, Sec. 2,3,10,11,14,15
 County: Alpena
 Unit: Atlanta
 YOE: 2008
 Acres: 1,627 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 9/21/2006
 Map Phase: Pre-review



Legend

- Miris Corners
- - - County Gravel Roads
- Paved Roads
- - - Gravel Roads
- - - Poor Dirt Roads
- - - Pipelines
- - - Closed Roads
- * Gas Wells
- Stand Boundary
- 016 - Planting
- 100 - Final Harvest
- 400 - Thinning

