



**ATLANTA FOREST MANAGEMENT UNIT**  
**COMPARTMENT REVIEW PRESENTATION**  
**COMPARTMENT # 123 ENTRY YEAR: 2008**

**Compartment Acreage: 1725      County: Presque Isle**

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**Revision Date:** December 19, 2006

**Stand Examiner:** Barber

**Legal Description:** T33N, R02E, Sec. 22, 23 & 24.

**RMU (if applicable):**

**Management Goals:** Protection of karst formations, maintenance of recreational facilities, wildlife and timber management.

**Soil and Topography:** Soils are typically sandy and well to excessively well-drained. Habitat types are mostly PVCd and PArVHa, with some PArVVb occurring on shallow oak ridges. Terrain is rather flat, except for the sinkholes.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** The compartment and surrounding lands are mostly state land with scattered hunting fourties.

**Unique, Natural Features (include only non-site specific and non-sensitive information):** Numerous features have been reported by MNFI.

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):** One or more occurrences have been reported.

**Special Management Designations or Considerations:** The need to protect karst features and the areas heavy recreational use are the main special considerations.

**Watershed and Fisheries Considerations:** The areas lakes drain into Tomahawk Creek, which catches the southwest corner of the compartment.

**Wildlife Habitat Considerations:**

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone and cement products near Alpena. A gravel pit is located one mile to the west and potential is good. This area has had some drilling for Silurian Niagaran Reefs, with production occurring in the area. Additional drilling is possible. The Antrim Shale is not present. There are no current oil and gas leases in the Compartment, but leases are located just to the west.

**Vehicle Access:** Roads to be closed are shown on the compartment map as closed or abandoned. Roads inside the ring formed by Tomahawk Lake Hwy, Elk Rd. Co. Rd. 634 and Shoepac Lake Rd. are already closed by a directors order.

**Survey Needs:** A survey may be needed along the Anderson property to prove trespass.

**Recreational Facilities and Opportunities:** Campgrounds, ORV trails, ORV routes, MCCCT, the High Country Pathway and Sinholes Pathway, boating access sites—this place has it all.

**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

PRESQUE ISLE COUNTY

COMPARTMENT: 123

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	437																										437
V Bog or Marsh			2																								2
G Grass					2																						2
J Jack Pine							292																				292
L LowInd Brush									8																		8
P LowInd Poplr										25																	25
N Marsh											10																10
X Non Stocked													17														17
O Oak														346													346
R Red Pine																515											515
Y Sand Dune																		1									1
U Upland Brush																								10			10
Z Water																									35		35
W White Pine																										25	25
<b>Total</b>	<b>437</b>		<b>2</b>		<b>2</b>		<b>292</b>		<b>8</b>	<b>25</b>	<b>10</b>		<b>17</b>	<b>346</b>		<b>515</b>		<b>1</b>					<b>10</b>		<b>35</b>	<b>25</b>	<b>1725</b>

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 123

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9346 Cds	Hardwood	2090 Cds
Hardwood	60 Mbf	Hardwood	12 Mbf
Softwood	11835 Cds	Softwood	3198 Cds
Softwood	323 Mbf	Softwood	76 Mbf
Sum TotVol	21947 Cds	Sum CutVol	5464 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	445
1725			

**ATLANTA FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 123 Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
3	O5	8	72	49	oak	mature	final harvest	1		
comnts Fmd : 6 acres of 5 spots cut 2000, sale 19-98. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
7	R6	146	47	52	red pine	immature	thinning	1		
comnts Fmd : Third row thinning. LCR31:0.33-0.50 Highly variable BA over short distances. Motorized vehicles prohibited by Director's Order.										
11	R6	5	47	52	red pine	immature	thinning	1		
comnts Fmd : Third row thinning. LCR31:0.33-0.50. Motorized vehicles prohibited by Director's Order.										
24	J6	7	66	47	jack pine	immature	final harvest	1		
comnts Fmd : Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
25	J6	5	66	47	jack pine	immature	final harvest	1		
comnts Fmd : Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
26	J6	3	66	47	jack pine	immature	final harvest	1		
comnts Fmd : Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
27	J6	1	66	47	jack pine	immature	final harvest	1		
comnts Fmd : Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
33	O5	15	70	48	oak	mature	final harvest	1		
comnts Fmd : Two 2-acre 5-spots cut 2000, sale 19-98. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
36	R6	9	38	55	red pine	immature	thinning	2		
comnts Fmd : 3RD ROW THINNING										
40	R9	5	47	56	red pine	immature	thinning	1		
comnts Fmd : Third row thinning. LCR31:0.33-0.50										
41	R9	10	47	56	red pine	immature	thinning	1		
comnts Fmd : Third row thinning. LCR31:0.33-0.50. Motorized vehicles prohibited by Director's Order.										
46	J5	19	63	37	jack pine	mature	final harvest	1		
comnts Fmd : Advanced O2-O3 is often 0.75 to 1 inch at ground level. Cut with 100" spec and shortwood to protect oak regeneration. Motorized vehicles prohibited by Director's Order. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
50	J5	35	61	43	jack pine	mature	final harvest	1	planting	
comnts Fmd : O2J1. Shortwood to protect O2 understory and reduce visual impact. HCP. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
51	O6	34	66	39	oak	mature	final harvest	1		
comnts Fmd : Two 2-acre and one 1-acre 5spots cut 2000, sale 19-98. Regeneration from acorns is present but heavily browsed. Stump sprouts have faired better. Motorized vehicles prohibited by Director's Order. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
52	A6	34	72	55	aspen (upland)	mature	final harvest	1		
comnts Fmd : M1O1. Woodpecker activity. Motorized vehicles prohibited by Director's Order. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Wave north edge of cut line to avoid squared off look, but do not cross two-track into stand 53.										
62	O5	21	63	36	oak	mature	final harvest	1	natural regeneration	
comnts Fmd : One 2-acre and one 1-acre 5-spots cut 2000, sale 19-98. Have been finding heavy browse in five spots in this compartment. Oak appears to be regenerating from accorns, but gets chewed off at the two foot level. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										

**ATLANTA FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 123**    **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
<b>68</b>	<b>O5</b>	19	66	37	oak	mature	final harvest	1		
comnts Fmd : One 2-acre 5-spot cut 2000, sale 19-98. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<b>69</b>	<b>R6</b>	29	47	50	red pine	immature	thinning	1		
comnts Fmd : Third row thinning. LCR31:0.33-0.50 Yes, the understory is really an X.										
<b>75</b>	<b>O6</b>	23	72	50	oak	mature	final harvest	1		
comnts Fmd : W2O2 understory. Leave RP. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Red pine is regenerating naturally on north side of stand.										
<b>92</b>	<b>O6</b>	13	66	36	oak	mature	final harvest	1		
comnts Fmd : One 2-acre 5-SPOT cut 2000. Sale 19-98. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Do not cut red pine or white pine.										
<b>Total Acres.....</b>		<b>441</b>								

ATLANTA FOREST MGT UNIT

Proposed Treatments  
With Limiting Factors

Compartment: 123 Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
85	J5	4	60	36	jack pine	mature	final harvest	3		

TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage

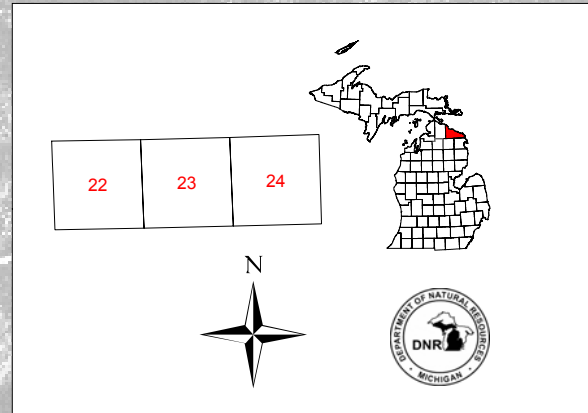
comnts Fmd : Manage with stands in adjacent compartments. Leave buffer on stream.

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Total Acres..... 4

# Field Map

Compartment 123  
 T33N, R02E, Sec. 22-24  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2008  
 Acres: 1,725 GIS Calculated  
 Stand Examiner: Richard Barber  
 Map Revised: 9/21/2006  
 Map Phase: Pre-review



### Legend

- Miris Corners
- - - County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trails
- Closed Roads
- Powerlines
- ORV Routes
- Snowmobile Trails
- Hiking Trails
- Stand Boundary
- Biodiversity/Old Growth Areas
- 100 - Final Harvest
- 116 - Final Harvest/Planting
- 148 - Final Harvest/Natural Regeneration/Other
- 400 - Thinning

