



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #138 ENTRY YEAR: 2009

Compartment Acreage: 1673 (GIS)

County: Presque Isle

Revision Date: October 16, 2007

Stand Examiner: Robert Theiner

Legal Description: T-34-N, R-04-E, Sections 8, 16, 17, 20 & 21.

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. Aspen, oak red pine and jack pine are the major cover types. Two areas, one to the north and one to the south west, contain swamp conifers.

Soil and Topography: Rubicon-Cheboygan-Graycalm association soils dominate the compartment. Lowlands are predominantly Tawas muck. Topography varies from nearly level to steep, excessively well drained to well drained, sandy soils on moraines, drumlins, outwash plains and till plains.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The largest block of state land is located in the northwest, connected to the adjacent compartment 137. Private ownership is mostly hunting camps. Several Resource Damage Reports are on file, damage due to illegal off road activity.

Unique, Natural Features: None listed.

Archeological, Historical, and Cultural Features: The potential exists.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: None

Wildlife Habitat Considerations and Objectives:

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access: Peltz Road.

Survey Needs: None needed at this time.

Recreational Facilities and Opportunities: Snowmobile trail to the west.

Fire Protection:

- **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: 138

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		18	173		191	18			50										450
Black Spruce								27											27
Bog or Marsh	24																		24
Cedar											43								43
Grass	28																		28
Jack Pine		79	118	121	7	84		11		11								15	446
Mx Swmp Cnfr								41	3			9						10	63
Oak								50	188	65									303
Red Pine							15	22	186										223
Swamp Hrdwds			30	1															31
Upland Brush	28																		28
White Pine																		7	7
Total	80	97	321	122	198	102	15	151	427	76	43	9						32	1673

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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: 138

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	450																										450
S Black Spruce		27																									27
V Bog or Marsh			24																								24
C Cedar				43																							43
G Grass					28																						28
J Jack Pine							446																				446
Q Mx Swmp Cnfr												63															63
O Oak														303													303
R Red Pine																223											223
E Swamp Hrdwds																				31							31
U Upland Brush																								28			28
W White Pine																										7	7
Total	450	27	24	43	28		446					63		303		223				31				28		7	1673

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: **138**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5202 Cds	Hardwood	2186 Cds
Hardwood	1259 Mbf	Hardwood	230 Mbf
Softwood	3604 Cds	Softwood	670 Cds
Softwood	1970 Mbf	Softwood	64 Mbf
Sum TotVol	15264 Cds	Sum CutVol	3444 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	233
1673			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 138 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
6	O8	56	74	52	oak	low quality		0	natural regeneration	
comnts Fmd : Young aspen along north edge. Some mature aspen and Jack pine on hill. Illegal firewood cutting. Slopes are an issue. Scarifying would help establish an understory.										
23	R9	35	68	58	red pine	immature	thinning	2		
comnts Fmd : Fair amount of double stems, Hilly but operable. Some oak and aspen. More jack pine to the east.										
26	O9	30	74	52	oak	low quality		0	natural regeneration	
comnts Fmd : Illegal firewood cutting. Slopes are an issue. Scarifying would help establish an understory. Some jack pine and aspen.										
27	A6	50	69	52	aspen (upland)	mature	final harvest	1		
comnts Fmd : Some areas too steep. Close off trail. W3/A2 IN NE. Some jack pine and red maple. Leave clumps of oak. Any type of regeneration is acceptable. Leave red and white pine.										
29	O6	50	63	46	oak	two aged	final harvest	1		
comnts Fmd : Mix of aspen and oak. Leave clumps of oak. Leave some scattered Red and White pine where present. Stay off steep slopes. Any type of regeneration is acceptable.										
30	J5	8	65	48	jack pine	mature	final harvest	3		
comnts Fmd : Leave oak, more aspen in the south. Any type of regeneration is acceptable.										
38	O6	42	81	52	oak	immature	shelterwood-prep	1		
comnts Fmd : 5-SPOT. AVOID STEEP SLOPES(1997). 5 spots totaling 9 acres cut 2001. Leave clumps of residual 30-60 BA, leave red and white pine. Furrow between clumps and plant red or white pine. Whole tree skid as an option. Some deer damage to reproduction.										
41	O6	23	79	53	oak	mature	selection	1		
comnts Fmd : 5-SPOT cut 2001, one spot of two acres. Cut half of remaining acres this entry.										
53	O6	22	72	52	oak	immature	final harvest	1		
comnts Fmd : A & M REMOVED IN 1971. 3 spots totaling 4 acres cut 2001. Leave 3-4 oak per acre in clumps.										
432	G0	3		52	grass	nonstocked		0	opening maintenance	
comnts Fmd : Old gas pad. Party spot (tire burning), gravel surface. This includes the access road. Some autumn olive.										
438	G0	12		52	grass	nonstocked		0	opening maintenance	
comnts Fmd : Jack pine, oak and aspen moving in.										
Total Acres.....		331								

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
33	J6	3	65	50	jack pine	mature	final harvest	3	natural regeneration	

TREATMENT LIMITING FACTORS: Too steep

comnts Fmd : STEEP SLOPES. ACCESS DOWN through stand 29, TO STAND IS DOUBTFUL, if we cut this ground is low enough that natural regen will work.

64	O8	7	74	52	oak	low quality		0	natural regeneration	
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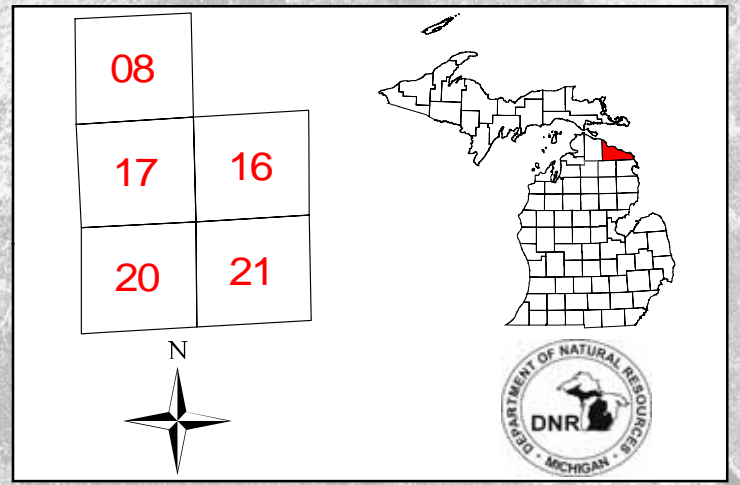
TREATMENT LIMITING FACTORS: Too steep

comnts Fmd : Oak ridge. Some mature aspen and Jack pine on hill. Illegal firewood cutting. Slopes are an issue. Scarifying would help establish an understory.

Total Acres..... 10

Compartment 138
 T34N, R04E, Sec. 8, 16, 17, 20, 21
 County: Presque Isle
 Unit: Atlanta
 YOE: 2009
 Acres: 1,673 GIS Calculated
 Stand Examiner: Robert Theiner
 Map Revised: 8/06/2007
 Map Phase: Pre-review

Field Map



Legend

- RIs Corners
- County Gravel
- Poor Dirt
- Closed
- Miris Corners
- Gates
- Stand Boundary
- 047 - Natural Regeneration/Prescribed Burning
- 100 - Final Harvest
- 148 - Final Harvest/Natural Regeneration/Other
- 400 - Thinning
- 800 - Selection

