



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 121 ENTRY YEAR: 2009

Compartment Acreage: 1620 County: Montmorency

Revision Date: October 16, 2007

Stand Examiner: Barber

Legal Description: T33N, R2E, Sec. 19, 20, 29 & 30.

RMU (if applicable):

Management Goals: Enhance recreational safety; deer and elk management; soil protection; trout stream habitat protection, well site reclamation, timber management.

Soil and Topography: Predicted habitat types are PArVHa, PArVVb, PArVCo and wetlands. Excluding wetlands, the terrain is mostly rolling, well drained sands. But the water table can be high, and there are many springs and drainages. The drainages are often too small to map, but separate one stand from another.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Ownership is mostly other state land, with scattered hunting forties. A 16 acre Niagaran processing/pumping facility is located ¼ mile to the west.

Unique, Natural Features (include only non-site specific and non-sensitive information): None reported in this compartment, but some concerns lie nearby in adjacent compartments.

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: Canada Creek is a popular trout stream. There are several sand traps in the compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: There are numerous abandoned Niagaran well sites which Wildlife Div. has recommended for planting to jack pine. The design of these sites—cut into hillsides—often invites illegal ORV use.

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

Survey Needs: None.

Recreational Facilities and Opportunities: There is an MCCCT, and also the High Country Pathway.

Fire Protection: Adequate. Access is good off of M-33.

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: 121

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		17	142		9			163											331
Bog or Marsh	1																		1
Cedar											11								11
Grass	21																		21
Jack Pine		218	144	5	4	17	38	64		7									497
LowInd Brush	126																		126
LowInd Poplr			2		12														14
Marsh	11																		11
Mx Swmp Cnfr						28				22	183								233
Non Stocked	20																		20
Oak		10						200											210
Red Pine							63	28		18				8					117
Spruce Fir					11			10											21
Upland Brush	7																		7
Total	186	245	288	5	36	45	101	465		47	194			8					1620

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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: 121

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	246																									85	331
V Bog or Marsh			1																								1
C Cedar				11																							11
G Grass					6		15																				21
J Jack Pine							497																				497
L LowInd Brush									126																		126
P LowInd Poplr										14																	14
N Marsh											11																11
Q Mx Swmp Cnfr												233															233
X Non Stocked													20														20
O Oak														210													210
R Red Pine															117												117
F Spruce Fir																			21								21
U Upland Brush							5																2				7
Total	246		1	11	6		517		126	14	11	233	20	210		117			21				2			85	1620

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: **121**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3531 Cds	Hardwood	2088 Cds
Hardwood	27 Mbf	Hardwood	19 Mbf
Softwood	6915 Cds	Softwood	566 Cds
Softwood	744 Mbf	Sum CutVol	2692 Cds
Sum TotVol	11988 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	212
1620			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 121 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
12	U0	2		52	jack pine	nonstocked		0	planting		
comnts Fmd : ABANDONED WELL SITE											
33	A6	23	63	60	aspen (upland)	mature	final harvest	1			
comnts Fmd : Exclude steep slopes. An illegal ORV trail runs from gas well to private land. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Sale acreage may vary do to slopes and buffers on recreational trails.											
41	U0	3		61	jack pine	nonstocked		0	planting		
comnts Fmd : OLD NIAGRAN PAD-NO WELL											
47	A6	28	63	68	aspen (upland)	immature	final harvest	1	natural regeneration		
comnts Fmd : KEEP OAK & W.P. AND R.P. Protect slopes and advanced W3 understory. Exclude Steep slopes, wet areas, and big tree retention areas.											
65	A6	85	63	60	white pine	immature	removal	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. The west and southwest part of this stand sports a succession of wet features including broad drainages, seeps, vernal ponds and marsh, which will fall within the stand retention. Shortwood to protect the advanced regeneration; consider winter cut for improved vigor.											
70	J6	15	61	52	jack pine	immature	final harvest	1	planting		
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.											
85	A6	27	67	60	aspen (upland)	mature	final harvest	1	natural regeneration		
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.											
86	R6	34	48	57	red pine	immature	thinning	1			
comnts Fmd : ROW THIN											
419	G0	2		53	jack pine	nonstocked		0	planting		
comnts Fmd : ABANDONED WELL SITE											
436	G0	2		50	jack pine	nonstocked		0	planting		
comnts Fmd : NIAGRAN PAD-NO WELL											
446	G0	2		56	jack pine	nonstocked		0	planting		
comnts Fmd : ABANDONED WELL SITE.											
467	G0	5		50	jack pine	nonstocked		0	planting		
comnts Fmd : IMPROVED OPENING--VERY SANDY--could use some more improving.											
472	G0	2		51	jack pine	nonstocked		0	planting		
comnts Fmd : ABANDONED WELL SITE											
480	G0	2		51	jack pine	nonstocked		0	planting		
comnts Fmd : ABANDONED WELL SITE											
Total Acres.....		232									

**Proposed Treatments
With Limiting Factors**

Compartment: 121

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

