



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 175 ENTRY YEAR: 2009

Compartment Acreage: 1806 County: Cheyboygan

Revision Date: October 16, 2007

Stand Examiner: Barber

Legal Description: T36N, R1E, Sec. 1, 2, 3 & 6.

RMU (if applicable):

Management Goals: Recreation, sensitive site protection, trout habitat protection, timber production.

Soil and Topography: Predicted habitat types are mostly PArVHa in the south and PArVVb with some AFO in the north.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly other state land, but with scattered private forties plus subdivisions near the lakes.

Unique, Natural Features (include only non-site specific and non-sensitive information): Multiple occurrences have been reported either within or near this compartment.

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

Special Management Designations or Considerations: Black Mountain Forest Recreation Area includes most of this compartment. The southeast-most Twin Lake is a quality trout fishing lake.

Watershed and Fisheries Considerations: The southeast-most Twin Lake is a quality trout fishing lake.

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: Black Mountain Forest Recreation Area includes a forest campground (temporarily closed,) a group camp, ORV trails, ORV routes, an ORV scramble area, and a snowmobile trail. The biggest attraction, however, are the dozens of kilometers of ski trail, which double as non-motorized pathway in the green season.

Fire Protection: Fire protection is provided by the Onaway and Indian River offices, in cooperation with local VFD's.

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**

8/21/2007 11:02:03 AM

Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 175

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		321		45	63		9	5	213	49									705
Bog or Marsh	4																		4
Cedar									23										23
Grass	19																		19
Lowlnd Brush	24																		24
Non Stocked	26																		26
Oak		10						40	43	55									148
Red Pine						163	10	186	283										642
Upland Hdwds		21								25								102	148
Water	38																		38
White Pine			29																29
Total	111	352	29	45	63	163	19	231	562	129								102	1806

8/21/2007 11:02:26 AM

Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 175

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	705																										705
V Bog or Marsh			4																								4
C Cedar				23																							23
G Grass					19																						19
L Lowlnd Brush									24																		24
X Non Stocked													26														26
O Oak														148													148
R Red Pine															562										80	642	
M Upland Hdws																							148				148
Z Water																									38	38	
W White Pine																										29	29
Total	705		4	23	19				24				26	148	562									148	38	109	1806

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **175**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	10589 Cds	Hardwood	2750 Cds
Hardwood	1449 Mbf	Hardwood	158 Mbf
Softwood	9033 Cds	Softwood	1582 Cds
Softwood	4060 Mbf	Softwood	147 Mbf
Sum TotVol	30640 Cds	Sum CutVol	4942 Cds
Total Cmpnt Acres		Acres Proposed For Cut.....	378
1806			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 175 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status	
1	A6	5	66	65	aspen (upland)	mature	final harvest	1	natural regeneration		
comnts Fmd : SCA Black Mountain Forest Recreation Area. Leave oak, white pine, red pine. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.											
10	A6	41	74	65	aspen (upland)	mature	final harvest	1			
comnts Fmd : SCA Black Mountain Forest Recreation Area. Remove aspen and red maple. Protect WP, RP and oak regeneration. Beech in understory. Sale area may be somewhat less do to slope and buffers on water.											
12	R9	80	70	60	white pine	immature	shelterwood-seed	1			
comnts Fmd : SCA Black Mountain Forest Recreation Area. 1/2 to 3/4 live crown. W2r1. Disregard partial cut record and follow this prescription: Harvest aspen and red maple, if present. Thin red pine to half-height spacing (where inter-tree spacing approximates the combined heights of both leave-trees, divided by two.) Emphasize aesthetics for both residual and retention. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.											
19	A6	46	74	65	aspen (upland)	mature	final harvest	1	natural regeneration		
comnts Fmd : SCA Black Mountain Forest Recreation Area. Natural, advanced red pine and white pine regeneration. Shortwood to protect conifer regeneration and slopes. Very steep in places.											
28	M9	67		58	northern hardwood	mature	selection	1	natural regeneration		
comnts Fmd : SCA Black Mountain Forest Recreation Area. Species codes were taken from old ancillary output, but which ran heavily to oak and red pine.											
33	R6	116	40	67	red pine	immature	thinning	1			
comnts Fmd : SCA Black Mountain Forest Recreation Area. Third row thinned 2001, sale 004-99. Reduce BA to 90-100.											
34	R6	23	38	60	red pine	immature	thinning	1			
comnts Fmd : SCA Black Mountain Forest Recreation Area. Third row thin. 1/3 live crown.											
Total Acres.....		378									

**Proposed Treatments
With Limiting Factors**

Compartment: 175

Entry Year: 2009

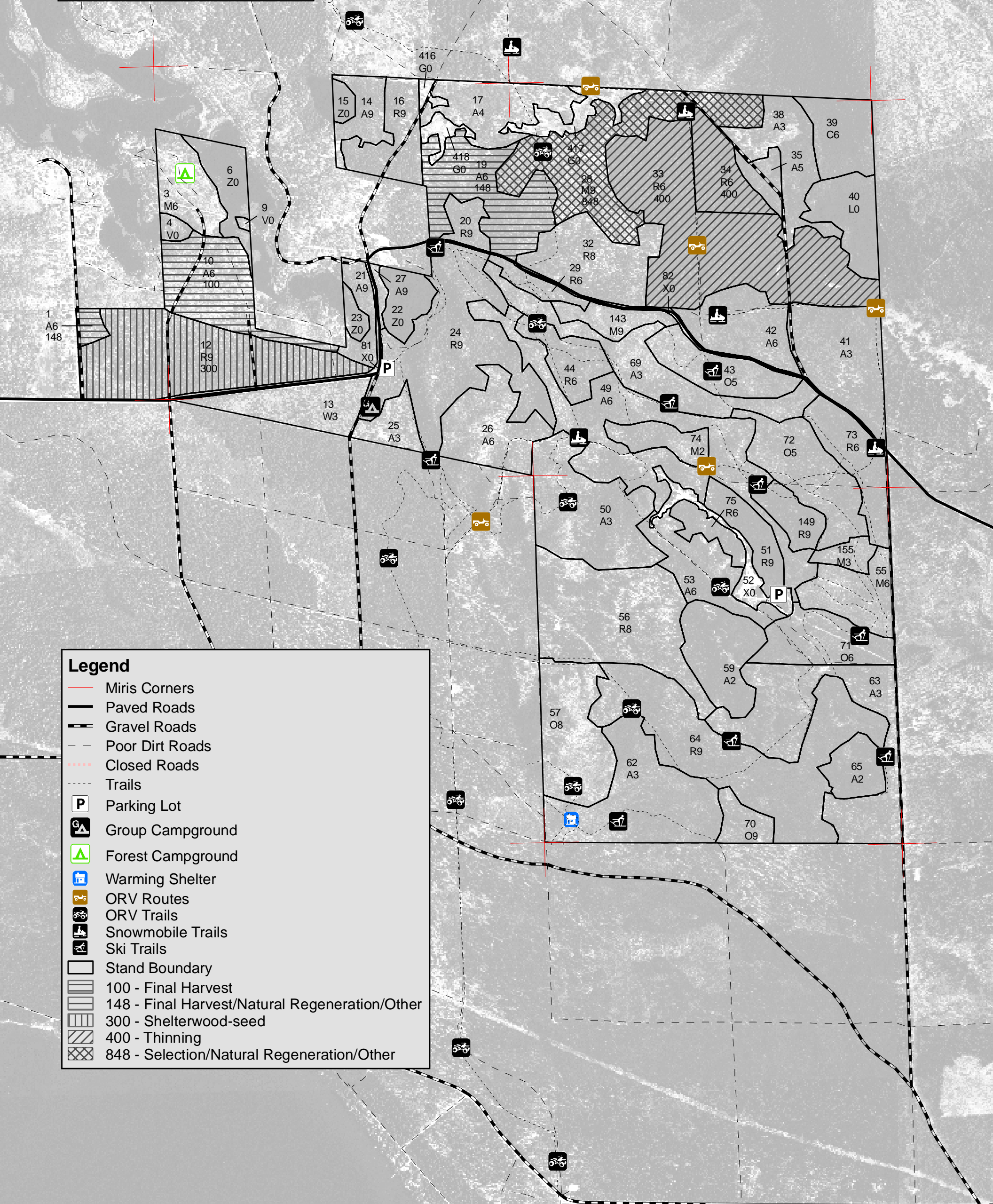
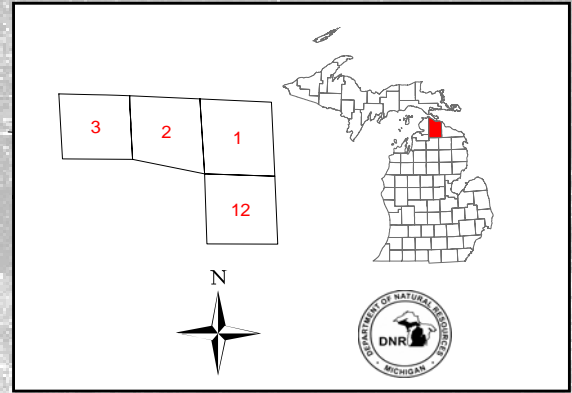
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
--------------	-----------------------	--------------	------------	-----------------------	--------------------	------------------	-----------------------	-----------------------------	--------------------------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

TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 175
 T36N, R1E, Sec. 1-3, 12
 County: Cheboygan
 Unit: Atlanta
 YOE: 2009
 Acres: 1,806 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 8/16/2007
 Map Phase: Pre-Review



Legend

- Miris Corners
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Trails
- Parking Lot
- Group Campground
- Forest Campground
- Warming Shelter
- ORV Routes
- ORV Trails
- Snowmobile Trails
- Ski Trails
- Stand Boundary
- 100 - Final Harvest
- 148 - Final Harvest/Natural Regeneration/Other
- 300 - Shelterwood-seed
- 400 - Thinning
- 848 - Selection/Natural Regeneration/Other