



**GAYLORD FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT: 141**

**ENTRY YEAR:** 2009  
**Compartment Acreage:** 1,225  
**County:** Cheboygan

---

**Revision Date:** 4/19/2007

**Stand Examiner:** Don Stacks

**Legal Description:** T36N R03W Sections 19, 20, 29, 30, 31, 32.

**Management Goals:** To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

**Soil and Topography:** Mostly Roscommon Muck, Tawas Peat, and Au Gres Sand on flat ground.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** State ownership is fairly contiguous within the compartment boundary. Many homes are located to the east on the shores of Burt Lake.

**Unique, Natural Features:**

**Archeological, Historical, and Cultural Features:**

**Special Management Designations or Considerations:** The majority of the compartment acreage is located on poorly drained soil which significantly limits timber harvesting opportunities. All the acreage located to the south of the Maple River is currently coded "Stand Condition 8", potential old-growth, in OI. This designation was agreed to during the 1999 Y.O.E.

**Watershed and Fisheries Considerations:** This compartment includes portions of the lower Maple River, a designated trout stream with Type 2 trout stream regulations, and Burt Lake. The proposed road (for fishing access and sand trap) closure is acceptable to Fisheries Division, since it will reduce erosion and discourage illegal dumping of garbage in the area. The gated closure should still allow for anglers to have walk-in access to the Maple River, and will allow for the sand trap to be maintained if necessary. Prescribed management activities are appropriate for the protection of this waterbody.

**Wildlife Habitat Considerations:** Much of this compartment is deciduous floodplain dominated by red maple where the Maple River empties into Burt Lake. This is part of a larger wetland complex that extends to the west. The primary source of change in this area will continue to be natural processes. Most of the areas that are forested upland in the northern part of the compartment have had timber harvest already and the opportunity to cut any more timber in the next 20 years is very limited. Phragmites was found at the mouth of the Crooked River. Control of this exotic will be important in the future habitat condition of much of the shoreline in this compartment.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of lacustrine (lake) sand and gravel and dune sand. The glacial drift thickness varies between 200 and 400 feet. The Devonian Traverse Group, Bell Shale and Dundee Limestone subcrop below the glacial drift. The Traverse and Dundee are quarried for limestone in other areas of the State. A gravel pit is located in Section 29 and there appears to be potential. The nearest oil and gas production, the Antrim Shale gas play, is located 16 miles to the south. There is no known oil and gas potential in the area.

**Vehicle Access:** Access can be gained in Sections 19 and 20 via Brutus Rd., Indian Rd., and Penny Ln. Access is limited south of Brutus Rd. due to poorly drained soil and the Maple River.

**Survey Needs:** Possibly ½ mile of private property line adjacent to pending timber sale in Section 19 may need survey crew assistance.

**Recreational Facilities and Opportunities:** Maple Bay State Forest Campground is found within the compartment boundary.

**Fire Protection:** Pellston Field Office and Pellston VFD is located about 7 miles to the north, Indian River Field Office is located about 14 miles to the east.

#### **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**

5/4/2007 11:18:11 AM

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 141

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				65	2			17											84
Cedar										22		84							106
Grass	5																		5
Lowlnd Brush	169																		169
Lowlnd Poplr			42	8	12		29	4											95
Marsh	47																		47
Mx Swmp Cnfr								33		93									126
Non Stocked	6																		6
Swamp Hrdwds			14					347										166	527
Upland Brush	11																		11
Upland Hdwds																		1	1
Water	5																		5
White Pine								23	20										43
<b>Total</b>	<b>243</b>		<b>56</b>	<b>73</b>	<b>14</b>		<b>29</b>	<b>424</b>	<b>20</b>	<b>115</b>		<b>84</b>						<b>167</b>	<b>1225</b>

5/4/2007 11:18:16 AM

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 141

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	84																										84
C Cedar				106																							106
G Grass					5																						5
L Lowlnd Brush									169																		169
P Lowlnd Poplr										95																	95
N Marsh											47																47
Q Mx Swmp Cnfr												126															126
X Non Stocked													6														6
E Swamp Hrdwds																			527								527
U Upland Brush																								11			11
M Upland Hdwds																								1			1
Z Water																									5		5
W White Pine																										43	43
<b>Total</b>	<b>84</b>			<b>106</b>	<b>5</b>				<b>169</b>	<b>95</b>	<b>47</b>	<b>126</b>	<b>6</b>						<b>527</b>				<b>11</b>	<b>1</b>	<b>5</b>	<b>43</b>	<b>1225</b>

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **141**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	8102 Cds	Hardwood	391 Cds
Hardwood	189 Mbf	Sum CutVol	391 Cds
Softwood	5257 Cds		
Softwood	204 Mbf		
Sum TotVol	14145 Cds		
<b>Total Cmpnt Acres</b>		Acres Proposed For Cut.....	
1225		17	

**GAYLORD FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 141    Entry Year: 2009**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
10	A6	17	64	74	aspen (upland)	mature	final harvest	1		

comnts Fmd : NICE QUALITY STAND OF MIXED ASPEN WITH A LESSER COMPONENT OF NORTHERN HARDWOOD. VARIABLE ASPEN DIAMETERS PRESENT. MANAGE THIS STAND FOR ASPEN. HARVEST THIS Y.O.E. WHILE VIGOR IS STILL GOOD. LEAVE ISLAND OF UNCUT TIMBER FOR RETENTION PURPOSES.

**Total Acres.....    17**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 141**

**Entry Year: 2009**

---

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

---

TREATMENT LIMITING FACTORS:

---

**Total Acres.....0**

# Field Map

Compartment 141  
 T36N, R03W, Sec. 19, 20, 29-31, 32  
 County: Cheboygan  
 Unit: Indian River  
 YOE: 2009  
 Acres: 1,225 GIS Calculated  
 Stand Examiner: Don Stacks  
 Map Revised: 3/28/2007  
 Map Phase: Pre-review

19	20
30	29
31	32



- Legend**
- Miris Corners
  - - - Gravel, County
  - Paved,
  - - - Poor Dirt, County
  - - - Poor Dirt,
  - Water Features
  - Stand Bound
  - Biodiversity/Old Growth Area
  - 100 - Final Harvest

