



**GAYLORD FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT: 73**

**ENTRY YEAR: 2009**  
**Compartment Acreage: 921**  
**County: CHARLEVOIX**

---

**Revision Date:** 4/18/2007

**Stand Examiner:** Tim Greco, Ric Barta and Kim Lentz

**Legal Description:** T37N R10W Sec. 1, 2 and 11

**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:** This compartment is mostly flat and wet. The dominant soil types are poorly drained Roscommon Sand and very poorly drained Lupton Muck. Deer Park Sands dominate dunes and beach ridges.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This small compartment consists of two blocks of State owned land split by a large block of private ownership. Other parcels along and east of East Side Dr. are mostly lakefront residences.

**Unique, Natural Features:**

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

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** This compartment is primarily wetland and contains coniferous and deciduous wetlands, most of which is 70-100 years old. The small stand prescribed for treatment will do little to balance the age class of the area but should be cut if markets allow.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of lacustrine (lake) sand and gravel and dune sand. The glacial drift thickness is approximately 300 feet based on a well drilled in Section 6. Beneath the glacial drift is the Devonian Detroit River Group. The Detroit River is mined for salt in other areas in the State. A gravel pit is located in Section 11 and gravel potential appears to be good. Oil and gas potential appears to be limited. The well in Section 6 was drilled in 1961 as a dry hole down to the Precambrian. None of the State land is currently leased in the compartment.

**Vehicle Access:** Access is poor throughout the compartment due to saturated soils.

**Survey Needs:**

**Recreational Facilities and Opportunities:** This compartment contains a short hiking trail in the northeast corner of the compartment.

**Fire Protection:**

**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 10:58:19 AM

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: 73

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								6											6
Black Spruce								4											4
Cedar										220	21								241
Grass	2																		2
Lowlnd Brush	7																		7
Lowlnd Poplr								126										12	138
Marsh	87																		87
Mx Swmp Cnfr										128								14	142
Paper Birch								26				19							45
Swamp Hrdwds				8			34	16	45	66									169
Upland Brush									2										2
Upland Hdwds																		47	47
Water	3																		3
White Pine			4					13		11									28
<b>Total</b>	<b>99</b>		<b>4</b>	<b>8</b>			<b>34</b>	<b>191</b>	<b>47</b>	<b>425</b>	<b>21</b>	<b>19</b>						<b>73</b>	<b>921</b>

5/4/2007 10:58:24 AM

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: 73

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	6																										6
S Black Spruce		4																									4
C Cedar				241																							241
G Grass					2																						2
L Lowlnd Brush									7																		7
P Lowlnd Poplr										138																	138
N Marsh											87																87
Q Mx Swmp Cnfr												142															142
B Paper Birch															45												45
E Swamp Hrdwds																			169								169
U Upland Brush																							2				2
M Upland Hdwds																								47			47
Z Water																									3		3
W White Pine																										28	28
<b>Total</b>	6	4		241	2				7	138	87	142			45				169				2	47	3	28	921

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: **73**

*Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS*

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3334 Cds	Hardwood	192 Cds
Hardwood	1334 Mbf	Hardwood	126 Mbf
Softwood	5483 Cds	Sum CutVol	444 Cds
Softwood	460 Mbf		
Sum TotVol	12405 Cds		
<b>Total Cmpnt Acres</b>		Acres Proposed For Cut.....	19
921			

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 73**

**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>FDI Status</b>
--------------	-------------------	--------------	------------	-------------------	----------------	------------------	-------------------	-------------------------	----------------------	-------------------

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

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
12	B9	19	98	55	paper birch	mature	final harvest	3		

TREATMENT LIMITING FACTORS: Road needed (resources not presently available)

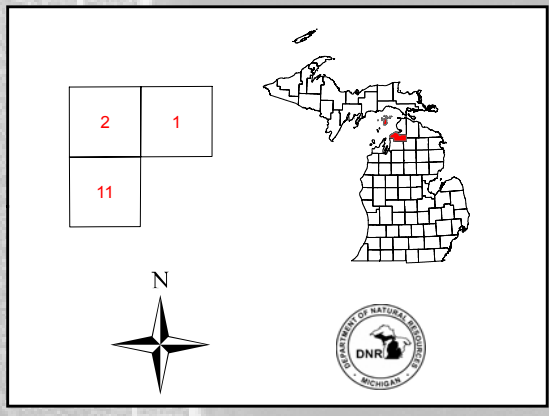
comnts Fmd : 2006: Very nice white birch stand. Stand is very dry to the south but gets wetter with a loss of quality as you go north. Hard maple getting started. Access is severely limited because this stand is surrounded by extensive wetlands and a substantial road building project would be required to access it, even in the winter. This would be hard to justify given the product and the market and the lack of a local use.

---

**Total Acres..... 19**

# Field Map

Compartment 73  
 T37N, R10W, Sec. 1, 2, 11  
 County: Charlevoix  
 Unit: Gaylord  
 YOE: 2009  
 Acres: 921 GIS Calculated  
 Stand Examiner: Tim Greco  
 Map Revised: 4/26/2007  
 Map Phase: Pre-review



**Legend**

- Miris Corners
- County Gravel Roads
- Poor Dirt Roads
- Trails
- Hiking Trails
- Stand Boundary
- 100 - Final Harvest

