



**GWINN FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 304 ENTRY YEAR: 2009**

**Compartment Acreage: 349**

**County: Marquette**

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**Revision Date:** July 5, 2007

**Stand Examiner:** Dean Wilson

**Legal Description:** T49N-R28W, sections 10 and 15.

**RMU (if applicable):**

**Management Goals:** Habitat/vegetation and mixed use.

**Soil and Topography:** Loamy sands to sandy loams occur in this area of mostly rock hills and ranges. A minor area of outwash plains consisting of coarse sands occurs on the west side of the state's ownership in section 15. Organic muck and peat soils exist in the marsh, bog, and low land conifer habitat types.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This compartment is surrounded by corporate and other private ownerships. Land use is primarily for forest production and passive recreation.

**Unique, Natural Features (include only non-site specific and non-sensitive information):** Widely varied habitats. The Mulligan Creek and Rocking Chair Lakes occur in this tract.

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):** Nothing significant noted.

**Special Management Designations or Considerations:** Historically, this compartment was proposed as a natural area. Stands 3 and 6 are designated as acid cliff ecological reference areas. Designated as special conservation areas area stands 7, 10, 11, 12, 13, 14, 17, 1, 18, 19, 20, 21, 4, 8, 16, 15, and 9.

**Watershed and Fisheries Considerations:** Special conservation value designations have been made to protect the surface waters in this compartment.

**Wildlife Habitat Considerations:** Maintain and protect riparian "Special Conservation Area" stands as movement corridors and core habitat for a multitude of game and nongame wildlife species/communities. Promote habitat legacies in all "Special Conservation Area" stands, such as standing and fallen snags, supercanopy trees, and natural processes/disturbances. A plan for implementation of an "Ecological Reference Area" surrounding Rocking Chair Lakes is being assessed by the DNR at this time.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of thin to discontinuous glacial outwash sand and gravel and postglacial alluvium and medium-textured till over bedrock. The glacial drift thickness varies between 0 and 50 feet. The Precambrian Oak Bluff Formation and

Archean Volcanics subcrop below the glacial drift. These formations do not have a current economic use. Gravel pits are not located in the area and potential appears to be limited. Abandoned iron mines are located twelve miles to the south. This Compartment was previously leased for metallic exploration. There is no economic oil and gas production in the UP.

**Vehicle Access:** Is good to but limited internally in this compartment.

**Survey Needs:** None.

**Recreational Facilities and Opportunities:** There is no developed recreation in this compartment. The heaviest public use is for hunting and trapping.

**Fire Protection:** Fire occurrence would be a problem due to limited access.

**Additional Compartment Information:** Rocking Chair Lakes are a managed fishery.

- **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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 304

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
Black Spruce						10				5									15
Lowlnd Brush	16																		16
Mx Swmp Cnfr							38												38
Oak																		2	2
Paper Birch									40										40
Red Pine										5			32						37
Spruce Fir				7	22		21		5										55
Upland Hdwds																		136	136
Water	10																		10
<b>Total</b>	<b>26</b>			<b>7</b>	<b>22</b>	<b>10</b>	<b>59</b>		<b>45</b>	<b>10</b>			<b>32</b>					<b>138</b>	<b>349</b>

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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 304

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
S Black Spruce		15																									15
L Lowlnd Brush									16																		16
Q Mx Swmp Cnfr												38															38
O Oak														2													2
B Paper Birch															40												40
R Red Pine																37											37
F Spruce Fir																			55								55
M Upland Hdwds																								136			136
Z Water																									10		10
<b>Total</b>		15							16			38		2	40	37			55					136	10		349

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **304**

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

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Hardwood 1633 Cds	
Hardwood 836 Mbf	
Softwood 2215 Cds	
Softwood 528 Mbf	
Sum TotVol 6576 Cds	
<b>Total Cmpnt Acres</b>	Acres Proposed For Cut..... 0
349	

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 304**

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

**Proposed Treatments  
With Limiting Factors**

**Compartment: 304**

**Entry Year: 2009**

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<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>
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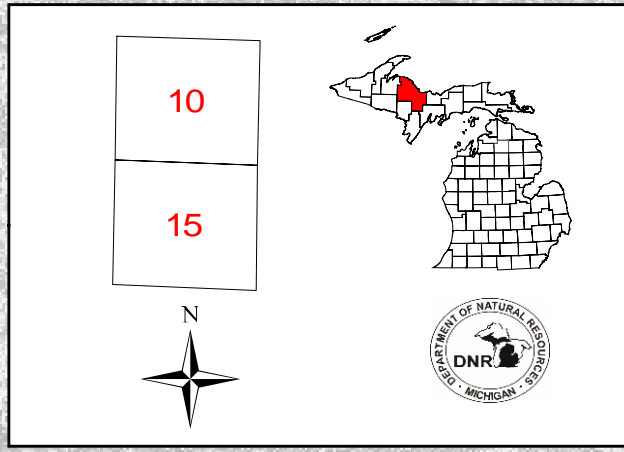
TREATMENT LIMITING FACTORS:

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

# Field Map

Compartment 304  
T49N, R28W, Sec. 10, 15  
County: Marquette  
Unit: Gwinn  
YOE: 2009  
Acres: 349 GIS Calculated  
Stand Examiner: Dean Wilson  
Map Revised: 9/10/2007  
Map Phase: Pre-Review



- Legend**
- Miris Corners
  - Country Gravel Roads
  - Gravel Roads
  - Water Features
  - Stand Boundary
  - Special Conservation Areas

