



**GWINN FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT 41 ENTRY YEAR:2007**

**Compartment GIS acres:1017 County:Marquette**

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**Revision Date: 8/8/2006**

**Stand Examiner:John Koski**

**Legal Description:** T44N, R25W, Sections 4,5,6

**Management Goals:** Strive to perpetuate the component of aspen, maple, and dry mesic conifers where they now occur.

**Soils and topography:**Soils in the uplands are Vilas and Saugatuck sand, Newton. In the lowlands:Carbondale Rifle-Spaulding Peat. Mostly level terrain, with semi rolling land along CR 557.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** State ownership on east and south boundary. West and North boundary up against private land. Surrounding timber type is similar to area in the compartment.

**Unique, Natural Features:**Small swamp pot holes surrounded by pine ridges. Close to residential area along Bilsky Lake and CR 557.

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

**Special Management Designations or Considerations:** Special Conservation Areas (formally know as Old Growth stands) are shown on the attached map.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** Strive for the best possible age class distribution in aspen by deferring treatment of stands 1 and 5. Maintain and enhance the conifer component of all stands within this compartment by retention of all conifers except fir and jack pine in every aspen stands and through creation of special conservation areas within 2 chains of all bog stands – 16, 18, 20, 21, and 22. Maintain the special conservation area designation for the natural red pine stand 24 to promote biological legacies found in dry-mesic northern forests and in the upland/lowland transition zones around bog types.

**Mineral Resource and Development Concerns and/or Restrictions:**

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and peat and muck. The glacial drift thickness varies between 100 and 200 feet. The Cambrian Trempealeau and Munising Formations subcrop below the glacial drift. The Trempealeau could be used for stone and the Munising has been used as a building stone. Gravel pits are located one mile to the north and there should be potential on the west side. Abandoned iron mines are located two miles to the north. This State land has not been

previously leased for metallic exploration, but it was to the north. There is no economic oil and gas production in the UP.

**Vehicle Access:** Two track roads off CR 557, and from the north through private land.

**Survey Needs:**

**Recreational Facilities and Opportunities:** Hunting, fishing.

**Fire Protection:** Within the Gwinn Mgmt. Unit area of 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 special conservation areas**

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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: 41

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS											100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
	Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99									
Aspen		40	139						19	46	7								251	
Bog or Marsh	19																		19	
Cedar																	91		91	
Lowlnd Brush	7																		7	
Mx Swmp Cnfr													4		560			20	584	
Non Stocked	2																		2	
Red Pine																		18	18	
Spruce Fir		10																	10	
Swamp Hrdwds																		26	26	
Upland Hdwds																		7	7	
Water	2																		2	
<b>Total</b>	<b>30</b>	<b>50</b>	<b>139</b>						<b>19</b>	<b>46</b>	<b>7</b>		<b>4</b>		<b>560</b>		<b>91</b>	<b>71</b>	<b>1017</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: 41

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	244																								7		251
V Bog or Marsh			19																								19
C Cedar				91																							91
L Lowlnd Brush									7																		7
Q Mx Swmp Cnfr												584															584
X Non Stocked													2														2
R Red Pine																18											18
F Spruce Fir																			10								10
E Swamp Hrdwds																				26							26
M Upland Hdwds																								7		7	
Z Water																									2	2	
<b>Total</b>	<b>244</b>		<b>19</b>	<b>91</b>					<b>7</b>			<b>584</b>	<b>2</b>			<b>18</b>			<b>10</b>	<b>26</b>				<b>14</b>	<b>2</b>	<b>1017</b>	

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **41**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	2734 Cds	Hardwood	1026 Cds
Hardwood	8 Mbf	Softwood	110 Cds
Softwood	8979 Cds	Sum CutVol	1136 Cds
Softwood	200 Mbf		
Sum TotVol	12129 Cds		
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
1017		46	

**GWINN FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 41**

**Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
3	A6	46	82	50	aspen (upland)	mature	final harvest	2		

comnts Fmd : Do not cut the oak if present in the stand,or red or white pine.

Wld : Leave all white pine, red pine, oak, hemlock, black spruce, and white spruce. Do not cut dead trees. Incorporate some of the mature aspen into the no-cut red paint boundary line to provide budding for wildlife. Good occurrence of snags and fallen dead trees. Red oak seedlings fairly common. May transition into white pine stand with harvest. Regeneration is F1 and W1. Long-term goal would be to allow pine to continue to increase on site. Do not enter/cut trees within the lowland conifer (black spruce, hemlock, and cedar) inclusion intruding into stand from the south.

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**Total Acres..... 46**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 41**

**Entry Year: 2008**

<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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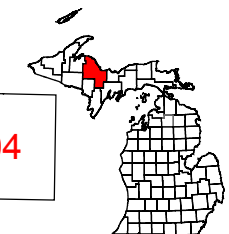
TREATMENT LIMITING FACTORS:

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Total Acres..... 0

# Field Map


Compartment 41  
 T44N, R25W, Sec. 4, 5, 6  
 County: Marquette  
 Unit: Gwinn  
 YOE: 2008  
 Acres: 1,017 GIS Calculated  
 Stand Examiner: John Koski  
 Map Revised: 9/13/2006  
 Map Phase: Pre-review




06

05

04





## Legend

- Miris Corners
- County Paved Roads
- County Gravel Roads
- Gravel Roads
- Stand Boundary
- Biodiversity/Old Growth Area
- 100 - Final Harvest

