



**GWINN FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 214 ENTRY YEAR: 2009**

**Compartment Acreage: 800**

**County: Marquette**

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**Revision Date:** July 5, 2007

**Stand Examiner:** Dean Wilson

**Legal Description:** T48N-R29W, sections 6, 18, 19, and 20.

**RMU (if applicable):**

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

**Soil and Topography:** Loamy sands to sandy loams in this area of rock hills and ranges.

**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):** Lots of rock cliff habitats. Martins Lake.

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

**Special Management Designations or Considerations:** Due to the rugged terrain and old growth forest nature most of this parcel, is designated as SCA including stands 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 56, 19, 20, 21, 22, 23, 24, 25, 26, 27, 29, 32, 33, 34, 35, 36, 57, 37, 38, 39, 40, 41, 42, 43, 44, 45, 58, 2, 30, 60, and 53. Stand 1 is a new designation.

**Watershed and Fisheries Considerations:** Parts of the headwaters of the Escanaba River run through this tract. Martins Lake would make a nice trout lake if managed.

**Wildlife Habitat Considerations:** Promote habitat legacies in all "Special Conservation Area" stands, such as standing and fallen snags, supercanopy trees, and natural processes/disturbances.

**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 from either unknown and between 10 to 50 feet. The Precambrian Archean Granite/Gneiss subcrops below the glacial drift. This rock could be used as a dimension stone. A gravel pit is located in Section 24, just to the west, and there should be some potential. The abandoned Champion iron mine is located two miles to the south. This compartment has not been leased for metallic exploration recently, but State land one mile to the southwest was. There is no economic oil and gas production in the UP.

**Vehicle Access:** Is not established to this compartment. An old logging road runs north to south along the west edge of section 19, but is not accessible due to there being no river crossing. It functions as a nice walking trail to the lake.

**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 in this area due to inaccessible nature of the landscape.

**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**

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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: 214

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										1									1
Black Spruce									3	2								15	20
Lowlnd Brush	17																		17
Marsh	30																		30
Mx Swmp Cnfr					2			5		14								19	40
Non Stocked	5																		5
Paper Birch										299								15	314
Red Pine										5									5
Spruce Fir								14		57								4	75
Tamarack																		5	5
Upland Hdwds																		129	129
Water	23																		23
White Pine										136									136
<b>Total</b>	<b>75</b>				<b>2</b>			<b>19</b>	<b>3</b>	<b>514</b>								<b>187</b>	<b>800</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: 214

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	1																										1
S Black Spruce		20																									20
L Lowlnd Brush									17																		17
N Marsh											30																30
Q Mx Swmp Cnfr												40															40
X Non Stocked													5														5
B Paper Birch															314												314
R Red Pine																5											5
F Spruce Fir																			75								75
T Tamarack																					5						5
M Upland Hdwds																								129			129
Z Water																									23		23
W White Pine																										136	136
<b>Total</b>	<b>1</b>	<b>20</b>							<b>17</b>		<b>30</b>	<b>40</b>	<b>5</b>		<b>314</b>	<b>5</b>			<b>75</b>		<b>5</b>			<b>129</b>	<b>23</b>	<b>136</b>	<b>800</b>

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **214**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7156 Cds	Hardwood	287 Cds
Hardwood	1116 Mbf	Softwood	479 Cds
Softwood	5549 Cds	Sum CutVol	766 Cds
Softwood	1466 Mbf		
Sum TotVol	17869 Cds		
<b>Total Cmpnt Acres</b>		Acres Proposed For Cut.....	33
	800		

**GWINN FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 214    Entry Year: 2009**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
51	F6	14	79	58	spruce-fir (uplands-including upland black spruce)	mature	seed tree	1			
comnts Fmd : Leave softwood seed trees. Area will likely regerate to aspen in some areas. Will probably wind up with a similar mixed forest post harvest.											
59	F6	19	79	58	spruce-fir (uplands-including upland black spruce)	mature	seed tree	1			
comnts Fmd : Leave softwood seed trees. Area will likely regerate to aspen in some areas. Will probably wind up with a similar mixed forest post harvest.											
<b>Total Acres.....</b>		<b>33</b>									

**Proposed Treatments  
With Limiting Factors**

**Compartment: 214**

**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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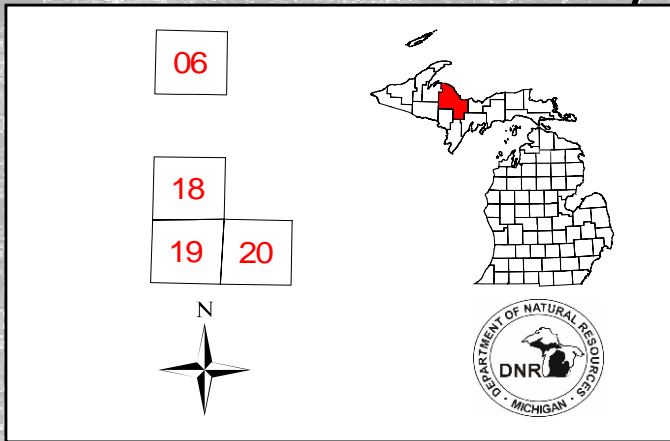
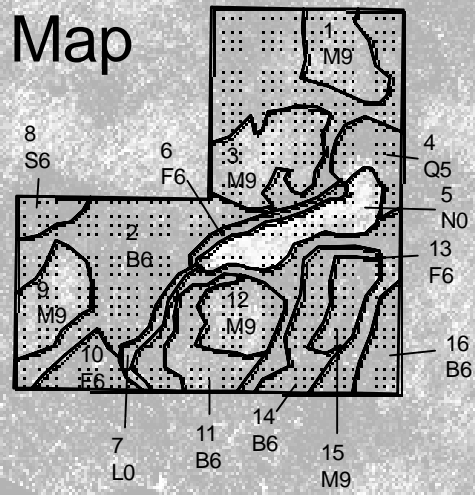
TREATMENT LIMITING FACTORS:

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

# Field Map

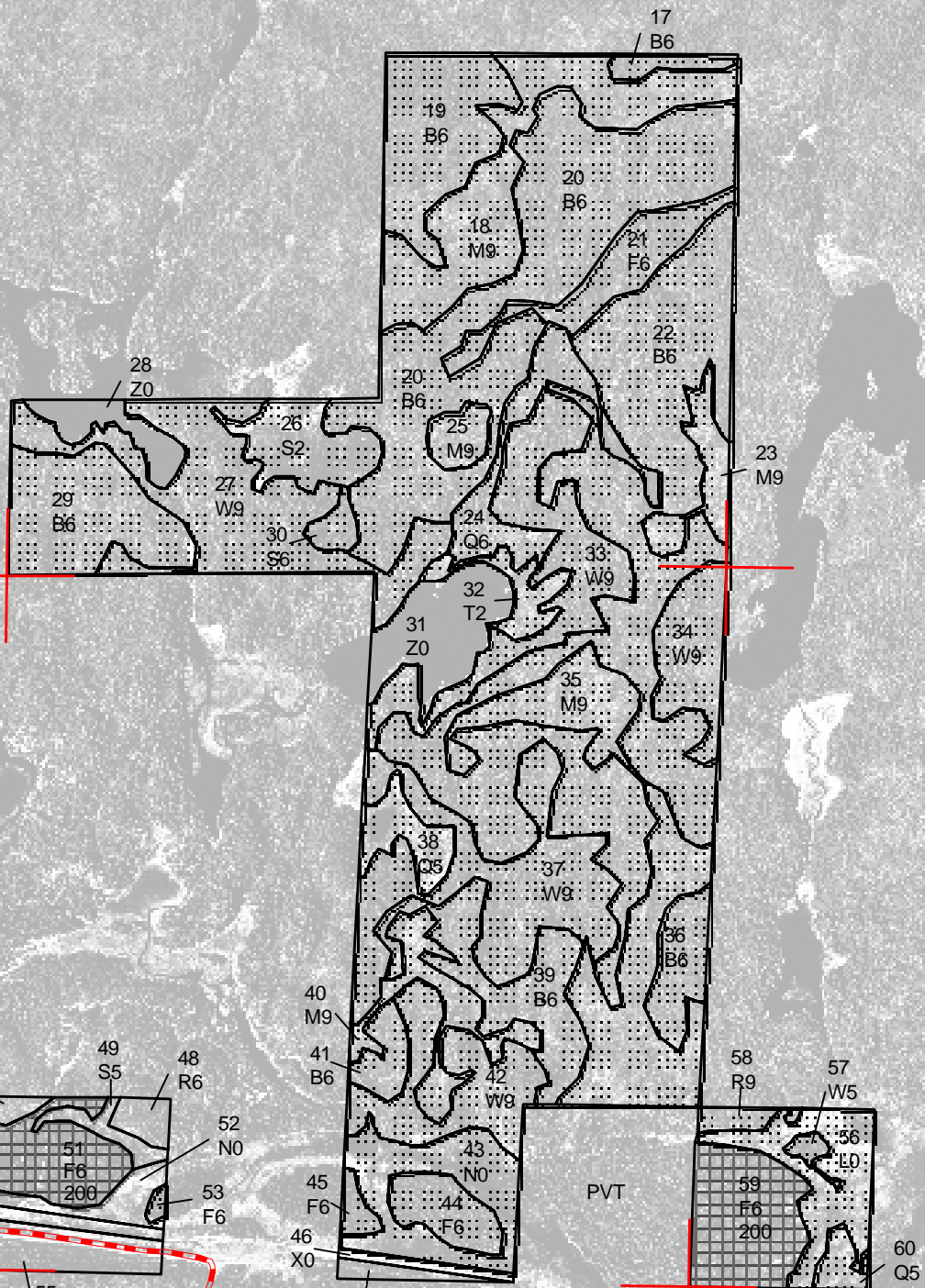
Compartment 214  
 T48N, R29W, Sec. 6, 18, 19, 20  
 County: Marquette  
 Unit: Gwinn  
 YOE: 2009  
 Acres: 800 GIS Calculated  
 Stand Examiner: Dean Wilson  
 Map Revised: 8/13/2007  
 Map Phase: Pre-Review



## Legend

- Miris Corners
- - - County Gravel Roads
- Paved Roads
- Gravel Roads
- Stand Boundary
- Special Conservation Areas
- 200 - Seed Tree

Huron Bay Grade



1

0.5

0

1 Miles