



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 270 ENTRY YEAR: 2007

Compartment GIS acres 965 County: 52 Marquette

Revision Date: September 6, 2005

Stand Examiner: Dean Wilson

Legal Description: T45N-R28W, sections 35, 36.

RMU (if applicable):

Management Goals: Habitat/vegetation and mixed use.

Soil and Topography: Glacial moraines form topography that is nearly level to moderately steep. Soils are predominantly well drained loams and sandy loams.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is part of a large block of State ownership that contains some non-industrial private ownerships. Land use is primarily for forest production and passive recreation.

Unique, Natural Features (include only non-site specific and non-sensitive information): This compartment is largely northern hardwoods and is part of a large hardwood complex in the landscape.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): Remnants of old logging camps are common in this landscape.

Special Management Designations or Considerations: Best management practices will be employed where applicable.

Watershed and Fisheries Considerations: There are no streams within this compartment.

Wildlife Habitat Considerations: Optimize diversity in treated northern hardwood stands.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of medium-textured glacial till. The glacial drift thickness varies between 50 and 200 feet. The Precambrian

Archean Granite/Gneiss subcrops below the glacial drift. This rock could be used as dimension stone. A gravel pit is located one mile to the northeast and potential should to be good. Abandoned iron mines are located twelve miles to the northwest. There were previous metallic leases in this area. There is no economic oil and gas production in the UP.

Vehicle Access: Is good to and internally in this compartment.

Survey Needs: None.

Recreational Facilities and Opportunities: A hunter walking trail is constructed in this compartment.

Fire Protection: Fire occurrence is low in this area due to it being predominately northern hardwoods.

Additional Compartment Information: High deer numbers in this area are severely impacting maple and other northern hardwood regeneration.

- **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: 270

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	STAND AGE CLASS														All Aged	Total		
		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
Aspen		31	86	45		85			20										267
Cedar																		10	10
Grass	48																		48
Lowlnd Poplr			56																56
Marsh	8																		8
Mx Swmp Cnfr							6	6	10	14									36
Red Pine		30																8	38
Spruce Fir									5										5
Tamarack									3										3
Upland Brush				2															2
Upland Hdwds																		492	492
Total	56	61	142	47		85	6	6	38	14								510	965

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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: 270

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	267																										267
C Cedar				10																							10
G Grass					48																						48
P LowInd Poplr										56																	56
N Marsh											8																8
Q Mx Swmp Cnfr												36															36
R Red Pine																38											38
F Spruce Fir																			5								5
T Tamarack																						3					3
U Upland Brush																								2			2
M Upland Hdwds																									492	492	
Total	267			10	48					56	8	36				38			5		3		2	492		965	

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **270**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	12315 Cds	Hardwood	1113 Cds
Hardwood	1293 Mbf	Hardwood	163 Mbf
Softwood	1618 Cds	Sum CutVol	1439 Cds
Softwood	105 Mbf		
Sum TotVol	16729 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	123
965			

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 270 **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
23	M6	69		62	northern hardwood	unevenaged	selection	1	planting	

comnts Fmd : Leave the rotten, dying aspen.

Wld : Post harvest hemlock will be interplanted.

25	M6	54		62	northern hardwood	unevenaged	selection	1	planting	
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Wld : Post harvest hemlock will be interplanted.

Total Acres..... 123

**Proposed Treatments
With Limiting Factors**

Compartment: 270 Entry Year: 2007

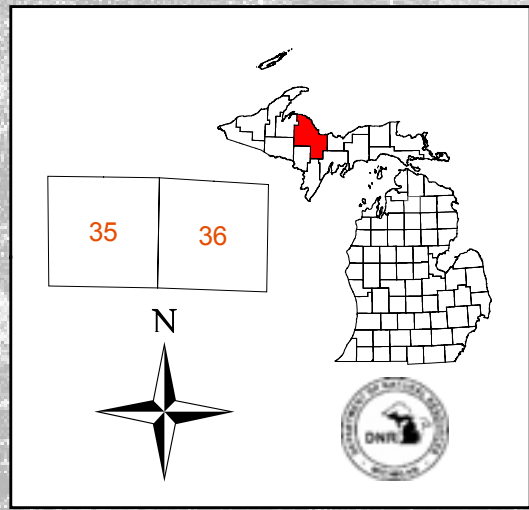
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 270
 T45N, R28W, Sec. 35, 36
 County: Marquette
 Unit: Gwinn
 YOE: 2007
 Acres: 965 GIS Calculated
 Stand Examiner: Dean Wilson
 Map Revised: 9/20/2005
 Map Phase: Pre-review



Legend

- Miris Corners
- - - Poor Dirt Roads
- Trails
- Hiking Trails
- Stand Boundary
- Biodiversity/Old growth area
- 800 - Selection
- Name Poor Dirt Roads
- Name Trails

