



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 300 ENTRY YEAR: 2007

Compartment GIS acres 603 County: 52 Marquette

Revision Date: September 6, 2005.

Stand Examiner: Dean Wilson

Legal Description: T46N-R28W, sections 34, 35.

RMU (if applicable):

Management Goals: Habitat/vegetation and mixed use.

Soil and Topography: Glacial outwash comprises the bulk of this compartment. Topography is mostly level to slightly rolling. Soils are well to excessively drained sands to loamy sands.

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

Unique, Natural Features (include only non-site specific and non-sensitive information): Virtually this entire compartment is composed of jack pine habitat types.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None known.

Special Management Designations or Considerations: The jack pine forest type will be maintained utilizing intensive forest management in the form of direct seeding.

Watershed and Fisheries Considerations: Best management practices will be employed where applicable. Potential old growth designations are in place along stream courses.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 50 and 100 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 one mile to the west and there could be some potential. The abandoned Republic iron mine is located nine miles to the northwest. This compartment has not been leased for metallic exploration recently, but active leases are located one mile to the northwest. There is no economic oil and gas production in the UP.

Vehicle Access: Is good to and around the compartment.

Survey Needs: None.

Recreational Facilities and Opportunities: There is no developed recreation in this compartment.

Fire Protection: This compartment is protected by zone dispatch guidelines.

Additional Compartment Information: In 1987 this compartment was split out from compartment 228. The change was made to enhance age and size class diversity of the jack pine type on the Unit.

- **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: 300

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		13																									13
J Jack Pine							538																				538
L LowInd Brush									4																		4
R Red Pine																43											43
Z Water																									5		5
Total		13					538		4							43									5		603

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **300**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	91 Cds	Hardwood	91 Cds
Softwood	5198 Cds	Softwood	2111 Cds
Softwood	26 Mbf	Softwood	26 Mbf
Sum TotVol	5341 Cds	Sum CutVol	2254 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	88
603			

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 300 **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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comnts Fmd : Ranging stocking with a couple of small (less than one acre) semi-open spots. Leave a 50 foot buffer around the kettle hole that is just southwest of the E1/4 corner.

16	J6	69	70	63	jack pine	mature	final harvest	1	direct seeding	
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comnts Fmd : Stand is falling apart and is succeeding to offsite aspen.

18	J5	19	73	68	jack pine	mature	final harvest	1	direct seeding	
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Total Acres..... 88

**Proposed Treatments
With Limiting Factors**

Compartment: 300 Entry Year: 2007

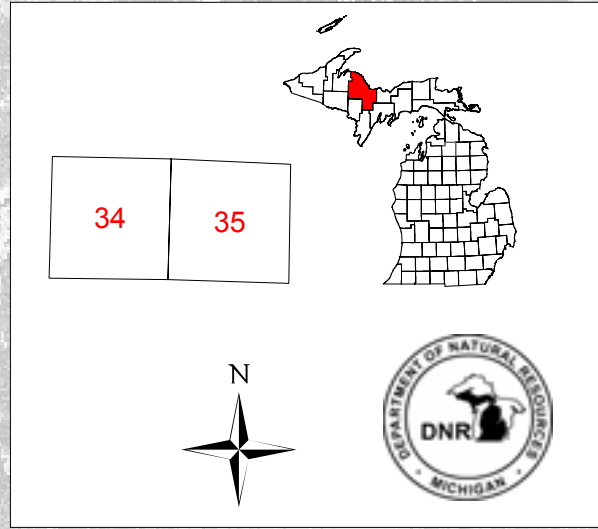
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 300
 T46N, R28W, Sec. 34, 35
 County: Marquette
 Unit: Gwinn
 YOE: 2007
 Acres: 603 GIS Calculated
 Stand Examiner: Dean Wilson
 Map Revised: 9/19/2005
 Map Phase: Pre-review



Legend

- Miris Corners
- - Poor Dirt Roads
- Stand Boundary
- ▨ 136 - Final harvest/Direct seeding
- Name County Gravel Roads
- Name County Dirt Roads
- Name Water Features

