



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 208 ENTRY YEAR: 2008

Compartment Acreage: 1114

County: Marquette

Revision Date: September 8, 2006

Stand Examiner: Dean Wilson

Legal Description: T50N-R29W, sections 4, 5, 8, 9. T51N-R29W, section 35

RMU (if applicable):

Management Goals: Habitat/vegetation and mixed use.

Soil and Topography: Glacial outwash plains and drainage ways compose the land form in this compartment. The topography is level to rolling with the exception of some steeper slopes down into the drainage ways. Soils range from courser sands to loamy sands to organics in the drainage ways.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is mostly surrounded smaller private land holdings to the north east and south. The west side is bordered by State land. Land use is primarily for forest production and passive recreation.

Unique, Natural Features (include only non-site specific and non-sensitive information): The Escanaba River and one of its tributaries flows through the northern portion of this compartment. The Black River flows through the southern part of this tract. A third drainage that contains some unique wetland habitats and the Sleeman Pond (a small lake) flows through the center of this compartment.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): The Black River Falls camp ground, now abandoned, was constructed in this compartment. An extensive hunting dog field trial course also was constructed and abandoned on this land. The Black River Falls ex-campground site is now a popular day use area.

Special Management Designations or Considerations: Management operations will involve protecting the watersheds and enhance diversity. Special conservation areas have been designated to protect the rivers.

Watershed and Fisheries Considerations: There are no management activities planned that would impact Any of this compartments surface waters.

Wildlife Habitat Considerations: We should try to collect seeds from trees near this site to promote area jack-pine genetics. Optimize that diversity which occurs in this compartment.

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access: This entire compartment is accessible using the existing road system.

Survey Needs: Three corners in section 9 need to be established.

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

Fire Protection: Fire danger in this jack pine forest type high.

Additional Compartment Information: Kirklands warblers have been documented on these jack pine plains.

- **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: 208

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 | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| J Jack Pine | | | | | | | 1055 | | | | | | | | | | | | | | | | | | | | 1055 |
| L LowInd Brush | | | | | | | | | 19 | | | | | | | | | | | | | | | | | | 19 |
| Z Water | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 |
| W White Pine | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 |
| Total | | 29 | | | | | 1055 | | 19 | | | | | | | | | | | | | | | | 2 | 9 | 1114 |

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **208**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

| COMPARTMENT SUMMARY | | | |
|-------------------------|-----------|-----------------------------|-----------|
| TOTAL VOLUME | | CUT VOLUME | |
| Softwood | 13990 Cds | Softwood | 10638 Cds |
| Softwood | 27 Mbf | Sum CutVol | 10638 Cds |
| Sum TotVol | 14044 Cds | | |
| Total Cmpt Acres | | Acres Proposed For Cut..... | 440 |
| 1114 | | | |

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 208 **Entry Year: 2008**

| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FDF Status | |
|--|------------|------------|-----|------------|-----------|-----------|---------------|------------------|----------------|------------|--|
| 3 | J5 | 57 | 64 | 57 | jack pine | mature | final harvest | 1 | direct seeding | | |
| comnts Fmd : Mortality is high and increasing in this stand. Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| 5 | J6 | 108 | 66 | 59 | jack pine | mature | final harvest | 1 | direct seeding | | |
| Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| 8 | J6 | 41 | 63 | 60 | jack pine | mature | final harvest | 1 | direct seeding | | |
| Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| 11 | J6 | 85 | 70 | 60 | jack pine | mature | final harvest | 1 | direct seeding | | |
| comnts Fmd : Wld : Cut no oak, white pine, or red pine. Leave a 2 chain buffer around stand 12. | | | | | | | | | | | |
| 15 | J6 | 63 | 71 | 59 | jack pine | mature | final harvest | 1 | direct seeding | | |
| Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| 22 | J6 | 55 | 70 | 70 | jack pine | mature | final harvest | 1 | direct seeding | | |
| Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| 23 | J6 | 31 | 67 | 67 | jack pine | mature | final harvest | 1 | direct seeding | | |
| comnts Fmd : Access will have to be established to this tract before we can treat it. HISTORIC BENTLEY TRAIL CROSSES FORTY. A BUFFER ALONG TRAIL NEEDED. CONTACT FRED RYDHOLM FOR DETAILS ABOUT TRAIL. Wld : Cut no oak, white pine, or red pine. | | | | | | | | | | | |
| Total Acres..... | | 440 | | | | | | | | | |

**Proposed Treatments
With Limiting Factors**

Compartment: 208

Entry Year: 2008

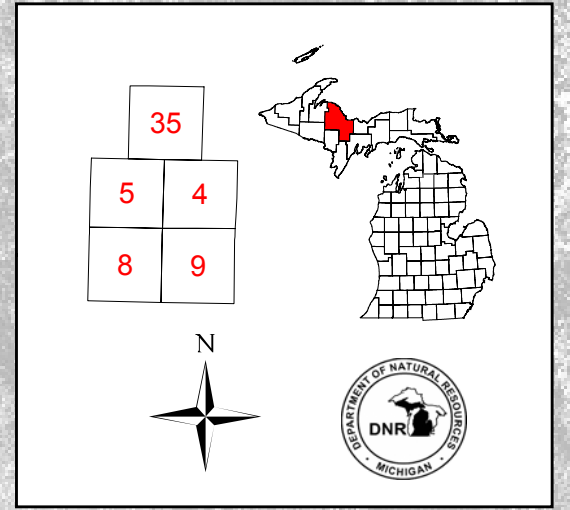
| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FDF Status |
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|-----------------------|
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|-----------------------|

TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 208
 T50N, R29W, Sec. 4-5, 8-9
 T51N, R29W, Sec. 35
 County: Marquette
 Unit: Gwinn
 YOE: 2008
 Acres: 1,114 GIS Calculated
 Stand Examiner: Dean Wilson
 Map Revised: 9/14/2006
 Map Phase: Pre-review



Legend

- Miris Corners
- County Gravel Roads
- Gravel Roads
- Stand Boundary
- Biodiversity/Old Growth Areas
- 135 - Final Harvest/Direct Seeding/Mechanical, other

