



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 288 ENTRY YEAR: 2008

Compartment Acreage: 1283 County: Marquette

Revision Date: September 8, 2006

Stand Examiner: Dean Wilson

Legal Description: T47N-R23W, sections 22, 27.

RMU (if applicable):

Management Goals: Habitat/vegetation and mixed use.

Soil and Topography: Old lake bed plains form topography that is level to gently rolling. Soils are moderately to poorly drained sandy loams and loams. that are shallow over sand stone bedrock.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is part of a large block of State land. Two small private ownerships border the southeast line of section 27. Land use is primarily for forest production, passive recreation.

Unique, Natural Features (include only non-site specific and non-sensitive information): Vernal forest makes up the bulk of this compartment.

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

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

Watershed and Fisheries Considerations: There are no surface water features in this compartment.

Wildlife Habitat Considerations: The diversity in cover-types attracts a good variety of wildlife and offers some decent hunting and wildlife viewing opportunities. There are roads and trails through this compartment which offers hunters access for small game, upland bird, and deer hunting opportunities. This compartment is one of the few for this unit with mast producing American beech which attracts a good number of deer, bear, and grouse in years when beech nuts are plentiful. Strive for the best possible age class diversity in aspen stands in this compartment.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of thin to discontinuous glacial till over bedrock. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. This rock was previously used as a building stone. Gravel pits are located in the area and there is potential. Abandoned iron mines are located

fifteen miles to the southwest. This compartment has never been leased for metallic exploration recently. 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: There is no developed recreation in this compartment. The heaviest public use is for hunting and trapping.

Fire Protection: Fire occurrence is low in this area due to the wet 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 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: **288**

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS																Total	
	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
Aspen		10	381	71	7														469
Grass	3																		3
Hemlock									2									271	273
Marsh	4																		4
Mx Swmp Cnfr								10	41									17	68
Spruce Fir									1										1
Swamp Hrdwds					7														7
Upland Hdwds									357									101	458
Total	7	10	381	71	14			10	401									389	1283

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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: 288

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	469																										469
G Grass					3																						3
H Hemlock						273																					273
N Marsh											4																4
Q Mx Swmp Cnfr												68															68
F Spruce Fir																			1								1
E Swamp Hrdwds																				7							7
M Upland Hdwds	380																								78	458	
Total	849				3	273					4	68							1	7					78	1283	

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **288**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	10859 Cds	Hardwood	7967 Cds
Hardwood	554 Mbf	Hardwood	144 Mbf
Softwood	6701 Cds	Softwood	2116 Cds
Softwood	1054 Mbf	Softwood	157 Mbf
Sum TotVol	20776 Cds	Sum CutVol	10685 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
1283		414	

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 288 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
2	F6	1	74	50	spruce-fir (uplands-including upland black spruce)	mature	seed tree	1	natural regeneration	
comnts Fmd : Half of this stand is upland spruce and half is mixed hardwoods\hemlock. All species are expected to regenerate post harvest. The hemlock will be retained along with some spruce-fir for seed.										
3	M6	53	74	65	aspen (upland)	mature	final harvest	1	natural regeneration	
comnts Fmd : Wide ranging stand conditions and composition. Design sale to stay out of drains, E, and H inclusions. A mix of the existing species components are expected to regenerate post harvest. Hemlock and other miscellaneous species will be retained.										
7	M6	23		50	aspen (upland)	unevenaged	final harvest	1	natural regeneration	
comnts Fmd : Contains cedar, hemlock and lowland hardwood inclusions. Design sale to stay out of wetlands. Hemlock and miscellaneous other species will be retained.										
17	M6	212	74	51	aspen (upland)	mature	final harvest	1	natural regeneration	
comnts Fmd : Wide ranging stand conditions and composition. Various small/minor inclusions of upland and lowland forest types. Design sale to stay out of wetlands. Hemlock, cedar, and various other trees will be retained post harvest.										
18	M6	5		62	northern hardwood	unevenaged	selection	6		
comnts Fmd : Stand is currently under contract: TS#101-03-01. CUT WITH COMPART 89, ST 25										
26	M6	12		60	northern hardwood	unevenaged	selection	1	natural regeneration	
30	M6	5		60	northern hardwood	unevenaged	selection	1	natural regeneration	
36	M6	92	74	50	aspen (upland)	mature	final harvest	1	natural regeneration	
comnts Fmd : Stand contains wet drains and various other timber type inclusions. Design the sale to protect the drains and exclude hemlock, cedar, and micellaneous other tree species.										
38	M6	11		60	northern hardwood	unevenaged	selection	1	natural regeneration	

Total Acres..... 414

**Proposed Treatments
With Limiting Factors**

Compartment: 288

Entry Year: 2008

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

Total Acres..... 0

Field Map

Compartment 288
 T47N, R23W, Sec. 22, 27
 County: Marquette
 Unit: Gwinn
 YOY: 2008
 Acres: 1,283 GIS Calculated
 Stand Examiner: Dean Wilson
 Map Revised: 9/14/2006
 Map Phase: Pre-review

22
 27



Legend

- Miris Corners
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Water Features
- Stand Boundary
- 148 - Final Harvest/Natural Regeneration/Other
- 248 - Seed Tree/Natural Regeneration/Other
- 800 - Selection
- 848 - Selection/Natural Regeneration/Other

