



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT 54 ENTRY YEAR:2008
Compartment GIS acres: 1774 County:Marquette**

Revision Date:8/8/2006

Stand Examiner: John Koski

Legal Description: T44N R26W, Sections 4,5,6

Management Goals: Strive to perpetuate the component of aspen, mixed conifer swamp types, and dry mesic conifers where they now occur.

Soils and topography:Upland, Saugatuck Sand-Newton, Rubicon Sand. Lowland,Carbondale Rifle-Spaulding Peat. Rolling to flat in the low lands

Ownership Patterns, Development, and Land Use in and Around the Compartment: Almost completely surrounded by State land with similar cover type.

Unique, Natural Features: Chandler Brook, designated trout stream through Sec. 4 and 5. Poplar Creek in Sec.6, along with hunter walking trail.

Archeological, Historical, and Cultural Features:

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

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: Strive for the best possible age class distribution in aspen. Ensure that mature and immature lowland conifer stands (high proportion of evergreen species, large cone/seed crop potential, closed canopies, minimal edge effect, and persistent dead and live branches creating complex vertical structure) are perpetually present and conserved. Harvested lowland conifer stands need to be regenerated to the evergreen conifer species in the same proportion as was found in the canopy pre-harvest. Conifer types are to be managed in a sustainable manner to provide critical habitat for game and nongame species.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured and medium-textured till and peat and muck. There is insufficient data to determine the glacial drift thickness. The Cambrian Munising Formation subcrops below the glacial drift. The Munising has been used as a building stone. Gravel pits are located in the area and there may be potential on the uplands. Abandoned iron mines are located six miles to the northeast. This area was not previously leased for metallic exploration, but was leased to the north and south. There is no economic oil and gas production in the UP.

Vehicle Access: Fair access via Section 32 Road from the north, Camp 10 Road , and Miller Creek Road from the south.

Survey Needs: Corners needed around 120 acres of private land in section 4, and around a private 40 in section 5.

Recreational Facilities and Opportunities: Hunting, fishing, trapping, ORV, and snowmobile trail riding.

Fire Protection: Within the Gwinn Mgmt. Unit area of fire protection.

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: 54

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		93	76		113		4	121	35										442
Black Spruce									28		13		158	12					211
Cedar														149				50	199
Grass	13																		13
LowInd Brush	94																		94
Mx Swmp Cnfr			79					124			165		220	7					595
Red Pine			55																55
Spruce Fir								18						12					30
Water	7																		7
White Pine									19				43					66	128
Total	114	93	210		113		4	263	82		178		421	180				116	1774

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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: 54

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	442																										442
S Black Spruce		211																									211
C Cedar				199																							199
G Grass					13																						13
L Lowlnd Brush									94																		94
Q Mx Swmp Cnfr												595															595
R Red Pine																55											55
F Spruce Fir																				30							30
Z Water																									7		7
W White Pine																										128	128
Total	442	211		199	13				94			595				55			30						7	128	1774

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: **54**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	4719 Cds	Hardwood	2963 Cds
Softwood	14159 Cds	Softwood	3902 Cds
Softwood	958 Mbf	Sum CutVol	6865 Cds
Sum TotVol	20794 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
1774		285	

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 54

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
11	A6	32	61	60	aspen (upland)	mature	final harvest	2		
comnts Fmd : A6F4S4, Cut this TP										
Wld : Retain all elm, cherry, white spruce, white pine, red pine, hemlock, and oak. Leave all dead trees.										
20	A6	26	58	65	aspen (upland)	mature	final harvest	2		
comnts Fmd : A6F4M4, CUT NOW, Retain the reserve trees elm , black cherry, red and white pine, hemlock, cedar, and oak.										
Wld : Retain all white spruce, white pine, red pine, hemlock, oak, and hemlock. Leave all dead trees.										
21	S6	138	112	38	black spruce-swamp	mature	final harvest	2		
comnts Fmd : S5T4, PART OF STD WAS STRIP CUT IN 1992, Should try to cut the rest of the stand this t.p..										
23	A6	39	59	65	aspen (upland)	mature	final harvest	2		
comnts Fmd : A6F4M4, CUT NOW										
Wld : Retain all elm, cherry, white spruce, white pine, red pine, and oak. Leave all dead trees.										
40	A6	15	61	60	aspen (upland)	mature	final harvest	2		
comnts Fmd : A5F4S4										
Wld : Leave all elm, cherry, white spruce, white pine, red pine, hemlock, and oak. Leave all dead trees.										
73	A6	35	75	60	aspen (upland)	mature	final harvest	2		
comnts Fmd : A5F4W4, CUT A,F,S, LEAVE PINE. Crystal Falls Unit has stands scheduled for harvest in the compartment (22), stands 44,46, to the west of stand 73. We could include those in the timber sale proposal also.										
Wld : Retain all elm, cherry, oak, white spruce, white pine, hemlock, and red pine. Leave all dead trees.										
Total Acres.....		285								

**Proposed Treatments
With Limiting Factors**

Compartment: 54

Entry Year: 2008

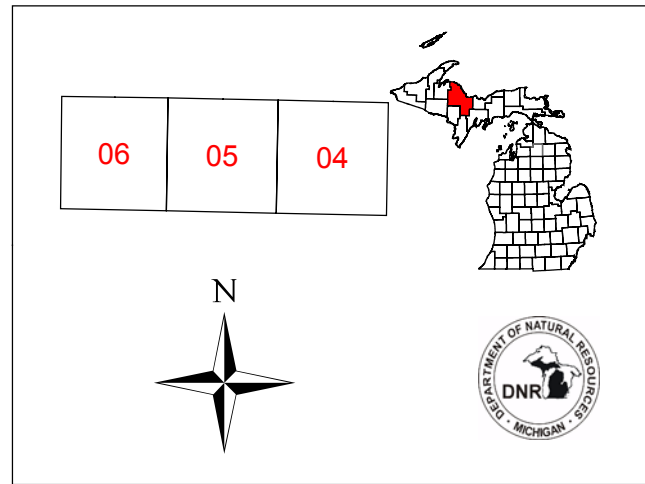
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Compartment 54
 T44N, R26W, Sec. 4, 5, 6
 County: Marquette
 Unit: Gwinn
 YOE: 2008
 Acres: 1,774 GIS Calculated
 Stand Examiner: John Koski
 Map Revised: 9/13/2006
 Map Phase: Pre-review

Field Map



Legend

- Miris Corners
- - - Poor Dirt Roads
- Trails
- Water Features
- ORV Trails
- Hiking Trails
- Stand Boundary
- Biodiversity/Old Growth Area
- 100 - Final Harvest

