



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 24 ENTRY YEAR:2007
Compartment GIS acres:1926 County: 52 Marquette

Revision Date:9/02/2005

Stand Examiner:John Koski

Legal Description:T44N,R24W, Sec. 19,30,31.

RMU (if applicable):18

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

Soils and topography: Level swamps and wetland drainages to a small amount of gently rolling upland.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly State owned. Some areas of private camps around compartment.

Unique, Natural Features (include only non-site specific and non-sensitive information): Mud Creek and Sawmill Creek flow through the compartment. Large lowland conifer swamp in north part of the compartment-part of Cyr Swamp.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):.

Special Management Designations or Considerations: potential old growth: stands 1,2,3,4,6,7,10,11,15,16,18,19,21,41,42,400.

,

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: –

MINERAL, OIL AND GAS CONSIDERATIONS: MINERAL, OIL AND GAS CONSIDERATIONS:

Sections 19,30,31, T44N-R24W, Marquette County Surface sediments consist of an end moraine of medium-textured glacial till and peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien and Cambrian Trempealeau Formations subcrop below the glacial drift. These formations could be used for stone. There are no gravel pits in the area, but there is potential on the uplands. Abandoned iron mines are located three miles to the northwest. This State land has not been previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access: From Swamp Buck Road west of McFarland, or Parker Spur Road going through private land first.

Survey Needs: None

Recreational Facilities and Opportunities: Hunting, hiking, snowmobiling, and 4 wheeling..

Fire Protection: Within the Gwinn Unit fire protection area.

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 potential old growth**

09/19/2005 1:03:34 PM

Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 24

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		13	229			18	13	16											289
Black Spruce										13	28								41
Cedar												2							2
Grass	42																		42
Lowlnd Brush	73																		73
Marsh	17																		17
Mx Swmp Cnfr									68			178	189	666					1101
Spruce Fir			31				13		29	6									79
Treed Bog	33																		33
Upland Hdwds									15									234	249
Total	165	13	260			18	26	16	112	19	28	180	189	666				234	1926

09/19/2005 1:03:53 PM

Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 24

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	289																										289
S Black Spruce		41																									41
C Cedar				2																							2
G Grass					42																						42
L Lowlnd Brush									73																		73
N Marsh											17																17
Q Mx Swmp Cnfr												1101															1101
F Spruce Fir																			79								79
D Treed Bog																							33				33
M Upland Hdwds																			15					234			249
Total	289	41		2	42				73		17	1101							94			33		234			1926

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 24

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7024 Cds	Hardwood	2054 Cds
Hardwood	359 Mbf	Hardwood	69 Mbf
Softwood	11781 Cds	Softwood	1030 Cds
Softwood	279 Mbf	Sum CutVol	3222 Cds
Sum TotVol	20081 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	209
1926			

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 24

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
5	M6	14		64	northern hardwood	unevenaged	selection	2		
comnts Fmd : THINNED 1977, M7M6, NOW, OVERALL. THIN AGAIN THIS TP.										
8	M6	115		64	northern hardwood	unevenaged	selection	2		stand with fdf potential
comnts Fmd : REMOTE, LARGE TREES, POLES in NE part of stand in GOOD SHAPE , NEED BRIDGE, AND 301 PERMIT, again over Mud Creek. Cut with stds. 12,13, if we ever get to the area. DO NOT CUT HEMLOCK OR CEDAR IF IT IS PRESENT IN THE STAND.										
20	S6	22	96	43	black spruce-swamp	immature	final harvest	2		
comnts Fmd : S6F4B4, CUT IF STDS 8,12,13, ARE CUT. Need bridge and 301permit. DO NOT CUT CEDAR AND HEMLOCK IF THEY ARE PRESENT IN THE STAND!										
34	A6	13	53	47	aspen (upland)	mature	final harvest	2		
comnts Fmd : 3-5 STICK ASP.FIR ALL SIZES.MATURE.										
35	A6	16	65	45	aspen (upland)	mature	final harvest	2		
comnts Fmd : SPARSE AREAS DUE TO DEAD FIR. BEST AREA AVAILABLE FOR CLEARCUT.										
Total Acres.....		180								

GWINN FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 24

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
12	F6	24	70	50	spruce-fir (uplands- including upland black spruce)	mature	final harvest	2		

TREATMENT LIMITING FACTORS: Bridge needed (portable bridge not available or inadequate)

comnts Fmd : F5M5, .REMOTE,NEED BRIDGE, AND 346 PERMIT. CUT WITH STDS. 8,13, if we ever get to the area. DO NOT CUT HEMLOCK O R CEDAR IF THEY ARE PRESENT IN THE STAND!

13	F6	5	70	50	spruce-fir (uplands- including upland black spruce)	mature	final harvest	2		
----	----	---	----	----	---	--------	---------------	---	--	--

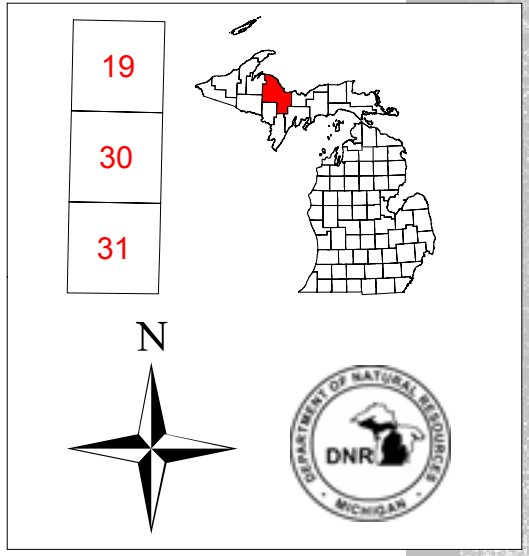
TREATMENT LIMITING FACTORS: Bridge needed (portable bridge not available or inadequate)

comnts Fmd : MOSTLY UPLAND BLACK SPRUCE SOME ASPEN, FIR, CEDAR. REMOTE AREA, NEED BRIDGE. CUT WITH STDS. 8,,12, IF WE EVER GET TO THE AREA. DO NOT CUT CEDAR OR HEMLOCK IF THEY ARE PRESENT IN THE STAND!

Total Acres..... 29

Field Map

Compartment 24
 T44N, R24W, Sec. 19, 30, 31
 County: Marquette
 Unit: Gwinn
 YOE: 2007
 Acres: 1,926 GIS Calculated
 Stand Examiner: John Koski
 Map Revised: 9/19/2005
 Map Phase: Pre-review



Legend

- Miris Corners
- - Poor Dirt Roads
- Stand Boundary
- ▤ Biodiversity/Old growth area
- ▨ 100 - Final harvest
- ▩ 800 - Selection

Name Poor Dirt Roads
 Name Water Features

