



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT 16
Compartment GIS acres 1852**

**ENTRY YEAR:2007
County: 52 Marquette**

Revision Date: 9/6/2005

Stand Examiner:John Koski

Legal Description:T45N,R24W, Sec. 25,26,34,36

RMU (if applicable): 16

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

Soils and topography:Ranges from level swamps and wetland drainages to upland ridges.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly State owned swamps and hardwood ridges in the surrounding area, private hunting camps and cutover hardwood and semi-upland areas adjacent to compartment. Land use within the compartment is a mixture of both low key recreation and production of commercial forest products.

Unique, Natural Features (include only non-site specific and non-sensitive information):A nice hardwood ridge runs through the compartment.

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

Special Management Designations or Considerations: Potential old growth stands, 45,46,47,48,48,50.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: –

MINERAL, OIL AND GAS CONSIDERATIONS: Sections 25, 26, 34 & 36, T45N-R24W, Marquette County

Surface sediments consist of medium-textured till, glacial outwash sand and gravel and postglacial alluvium and peat and muck. The glacial drift thickness varies between 10 and 50 feet. The Cambrian Trempealeau and Munising Groups subcrop below the glacial drift. The Trempealeau could be used for stone. A gravel pit is located ½ mile to the east and potential should be good on the uplands. Abandoned iron mines are located four miles to the west. This State land has not been previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access: Various two track trail roads into the most of the compartment going through private land first. In the south part, Stack Grade, a state owned road, provides access

Survey Needs: None

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

Fire Protection: Within the Gwinn Unit 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**

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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: 16

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS																All Aged	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		
Black Spruce									179		16	144							339
Bog or Marsh	46																		46
Cedar												15						21	36
Grass	1																		1
Hemlock																		56	56
Local Name	48																		48
LowInd Brush	48																		48
Mx Swmp Cnfr									188	77		162						224	651
Paper Birch									2										2
Spruce Fir									17										17
Swamp Hrdwds								58										70	128
Upland Brush	2																		2
Upland Hdwds																		478	478
Total	145							58	386	77	16	321						849	1852

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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: 16

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		339																									339
V Bog or Marsh			46																								46
C Cedar				36																							36
G Grass					1																						1
H Hemlock						56																					56
I Local Name								48																			48
L LowInd Brush									48																		48
Q Mx Swmp Cnfr												651															651
B Paper Birch															2												2
F Spruce Fir																			17								17
E Swamp Hrdwds																				128							128
U Upland Brush																								2			2
M Upland Hdwds																									478		478
Total		339	46	36	1	56		48	48			651			2				17	128				2	478		1852

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 16

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	11980 Cds	Hardwood	2568 Cds
Hardwood	586 Mbf	Hardwood	62 Mbf
Softwood	13964 Cds	Softwood	365 Cds
Softwood	166 Mbf	Sum CutVol	3057 Cds
Sum TotVol	27448 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	203
1852			

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 16

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
4	M6	21		80	northern hardwood	unevenaged	selection	1			
comnts Fmd : M6M7, MK HDWDS, POOR ACCESS, FAIR QUAL											
7	M6	48		57	northern hardwood	unevenaged	selection	2		stand with fdf potential	
comnts Fmd : M6M7, QUAL VARIES, MK HDWDS, Access through private from north, Mead land.											
21	M6	23		67	northern hardwood	unevenaged	selection	2			
comnts Fmd : M6M7, Cut this tp											
31	M6	6		50	northern hardwood	unevenaged	selection	2			
comnts Fmd : Cut now, access from east through private. Do not cut any cedar or hemlock if it is present in the stand.											
34	M6	20		50	northern hardwood	unevenaged	selection	2			
comnts Fmd : Cut now , access from south through private.											
35	M6	27		50	northern hardwood	unevenaged	selection	2			
comnts Fmd : Cut this tp. Access from south or east through private.											
37	M6	21		59	northern hardwood	unevenaged	selection	2			
comnts Fmd : M6M7, ASP GONE, OPEN GROWN, Cut this tp, Access from the south through private. Save the cedar ,hemlock, yellow birch, put a diameter limit on the maple to cut.											
51	M6	8		67	northern hardwood	unevenaged	selection	2		stand with fdf potential	
comnts Fmd : Cut this tp., Access from east through private.											
Total Acres.....		174									

GWINN FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 16

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
11	F6	13	75	50	spruce-fir (uplands- including upland black spruce)	mature	final harvest	2		

TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage

comnts Fmd : Small area between the Q and M types, with wet spots in it, Do not cut the cedar and hemlock if it is present in the stand.

20	S6	16	90	49	black spruce-swamp	mature	seed tree	2		
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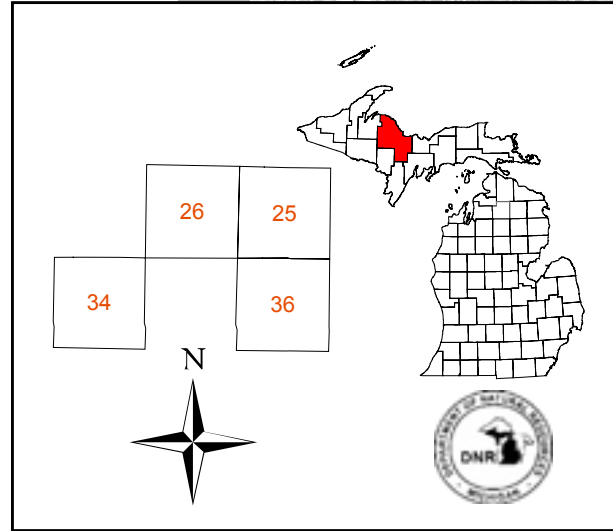
TREATMENT LIMITING FACTORS: Too wet

comnts Fmd : S6Q5, CUT OUT SOME SPRUCE/FIR, RED MAPLE, LEAVE ABOUT 10 BA SPRUCE, AND THE YELLOW BIRCH. First choice for regeneration is spruce, 2nd choice is Q.

Total Acres..... 29

Field Map

Compartment 16
 T45N, R24W, Sec. 25, 26, 34, 36
 County: Marquette
 Unit: Gwinn
 YOE: 2007
 Acres: 1,852 GIS Calculated
 Stand Examiner: John Koski
 Map Revised: 9/19/2005
 Map Phase: Pre-review



- Legend**
- ◆ RLS Corners
 - Miris Corners
 - - Poor Dirt Roads
 - Railroad
 - State Highway
 - Stand Boundary
 - ▨ Biodiversity/Old growth area
 - ▩ 800 - Selection

