



**GWINN FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 12

Compartment GIS acres 1367

ENTRY YEAR:2007

County: 52 Marquette

Revision Date: 9/1/2005

Stand Examiner:John Koski

Legal Description:T44N,R23W, Sec. 21, 28, 33

RMU (if applicable): 34

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

Soils and topography: Level swamps and wetland drainages to areas of upland flats and ridges.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Compartment completely land locked by private land with camps on the North, South and West borders. East side abuts State land. Some hunting and fishing takes place.

Unique, Natural Features (include only non-site specific and non-sensitive information): Small drainages, streams and lowland make year around access difficult. Much of the area has to be winter logged. Rapid River tributary runs through Sec,s 28, and 33, and Deer Creek runs through Sec. 21

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

Special Management Designations or Considerations: Potential old growth stands, 2,3,6,9,10,11, 12,17,26,27,29,36,42,50,53,54,55,56,58,59,62,75,78,79,82,83.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: –

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

Compartment 12 Sections 21, 28 & 33, T44N-R23W, Marquette County

Surface sediments consist of medium-textured glacial till. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group subcrops below the glacial drift. This formation is quarried for stone/dolomite in other areas of the UP. A gravel pit is located in section 20 and potential appears to be good. Abandoned iron mines are located eight miles to the northwest. This compartment has not been leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access: Lowland and private land make access difficult.

Survey Needs: None

Recreational Facilities and Opportunities:, Hunting, hiking, fishing.

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 potential old growth**

09/19/2005 11:45:15 AM

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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 12

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not 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	Total
Aspen		60						4	30	8	4								106
Black Spruce									5	58									63
Bog or Marsh	1																		1
Cedar										2		31	43						76
Grass	6																		6
LowInd Brush	36																		36
Marsh	3										44								47
Mx Swmp Cnfr								42	51	24	33								150
Spruce Fir									28	18									46
Swamp Hrdwds								42	115	114	84								355
Upland Hdwds																		466	466
Water	15																		15
Total	61	60						88	229	224	165	31	43					466	1367

09/19/2005 11:45:24 AM

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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 12

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	106																										106
S Black Spruce		63																									63
V Bog or Marsh			1																								1
C Cedar				76																							76
G Grass					6																						6
L LowInd Brush									36																		36
N Marsh											47																47
Q Mx Swmp Cnfr												150															150
F Spruce Fir																			46								46
E Swamp Hrdwds																				355							355
M Upland Hdwds																								466		466	
Z Water																									15	15	
Total	106	63	1	76	6				36		47	150							46	355				466	15	1367	

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 12

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	14164 Cds	Hardwood	2518 Cds
Hardwood	304 Mbf	Softwood	699 Cds
Softwood	6706 Cds	Sum CutVol	3217 Cds
Softwood	17 Mbf		
Sum TotVol	21512 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
1367		185	

GWINN FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 12

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
41	M6	13		50	northern hardwood	unevenaged	selection	2		

comnts Fmd : POOR QUALITY , POOR ACCESS, because of wet Q,E,L types, and the headwaters of the Rapid River to cross. Could be cut next treatment period with stands 43,37,38,39,40. A bridge will be needed to cross the stream between stands 43 and 40.

Total Acres..... 13

GWINN FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 12

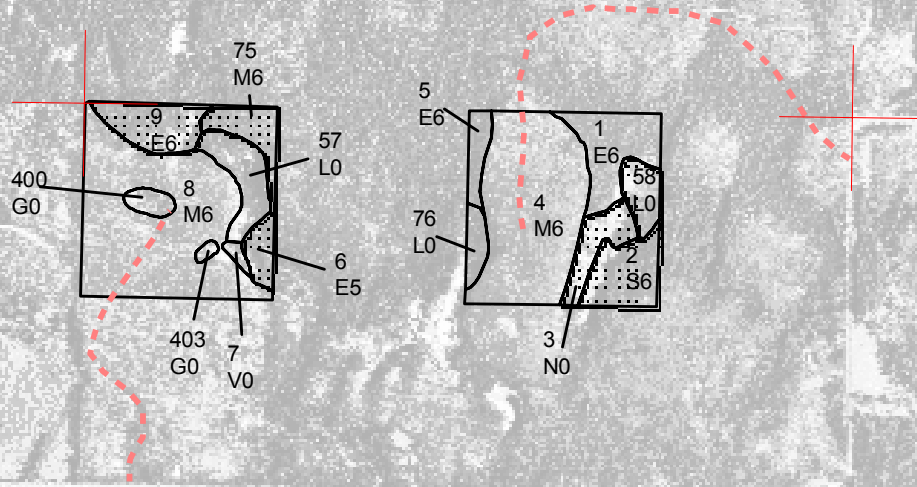
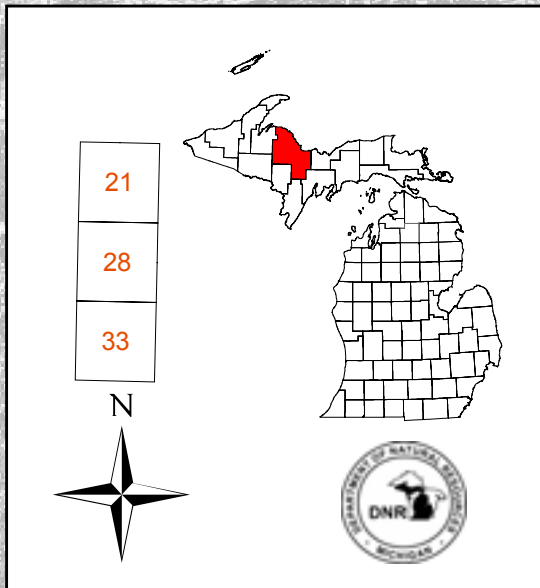
Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
14	M6	12		68	northern hardwood	unevenaged	selection	2		
TREATMENT LIMITING FACTORS: Land survey needed Road needed (resources not presently available) Inadequate volume due to small acreage										
comnts Fmd : ACCESS POOR, Not economical. Survey needed. Have to build a road across wet private land if coming from the north . Could come from the south in 20 years when stand 84 is cut again. LOTS OF DEER DAMAGE										
15	A6	4	63	80	aspen (upland)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage Inadequate volume due to low stocking/small diameter/etc.										
comnts Fmd : A6F5M4, Should be cut this treatment period but, it is not economical. Could be cut in 20 years when stand 84 is cut.										
23	M6	24		71	northern hardwood	unevenaged	selection	2		
TREATMENT LIMITING FACTORS: Land survey needed Inadequate volume due to small acreage Too wet										
comnts Fmd : FDI, HEAVY DEER DAMAGE, WINTER JOB. Survey needed. Does not pay to cut this one stand by itself this treatment period, It is a long snow plow just to get to the compartment, then across section 28 for a very small amount of wood. Should wait till next time and cut it with stand 84.										
24	A6	8	79	77	aspen (upland)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage Inadequate volume due to low stocking/small diameter/etc.										
comnts Fmd : A5M5F4, Could cut now but, it is too small to be economical. Leave for 10 years, cut with stands 84,23, next time.										
34	A6	4	94	71	aspen (upland)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage										
comnts Fmd : A5M4F4, Could cut, but area too small for economical sale. Cut it next time when stand 84 is cut.										
37	M6	45		60	northern hardwood	unevenaged	selection	2		
TREATMENT LIMITING FACTORS: Too wet										
comnts Fmd : FAIR STAND, POOR ACCESS, a stream (headwaters of the Rapid River) and wet Q,E,L type to cross. Not economical this time. Could be cut next treatment period with stand 43, 38,39,40, 41. A bridge would have to be installed somewhere across the stream that is between stand 43 and stand 40. It would be a winter job because of the Q,E,L types to cross.										
38	F6	18	78	60	spruce-fir (uplands- including upland black spruce)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Bridge needed (portable bridge not available or inadequate) Too wet										
comnts Fmd : F5M4Q4, HI/LO AREAS, hard to get to. Wet Q,E,L type to cross. Not economical this time. Could be cut next time with stand 43, 37, 39, 40,41. Will need a bridge across the headwaters of the Rapid River that is between stand 40 and 43. DO NOT CUT ANY CEDAR OR HEMLOCK IF IT IS PRESENT IN THE STAND!										
39	A6	30	71	64	aspen (upland)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Too wet Land survey needed										
comnts Fmd : A6F4M4, Survey needed. Hard to get to because of wet Q,E,L types to cross and the headwaters of the Rapid River. Could cut it next treatment period with stands 43,37,38,40,41. But a bridge would be needed across the stream between stands 43 and 40										
40	F6	27	72	50	spruce-fir (uplands- including upland black spruce)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Too wet										
comnts Fmd : F5M5, HI/LO AREAS, TRANSITION AREA. Hard to get to because of wet Q,E,L types and the headwaters of the Rapid River. Could cut it next treatment period with stands 43,37,38,39,41. A bridge would be needed to cross the stream between stands 43 and 40. It would be a winter job because of the wet types on both sides of the stream. Do Not cut any cedar, hemlock if it is present in the stand.										

Total Acres..... 172

Field Map

Compartment 12
 T44N, R23W, Sec. 21, 28, 33
 County: Marquette
 Unit: Gwinn
 YOE: 2007
 Acres: 1,367 GIS Calculated
 Stand Examiner: John Koski
 Map Revised: 9/19/2005
 Map Phase: Pre-review



Legend

- Miris Corners
- Gravel & Good Dirt Roads
- Closed Roads
- Stand Boundary
- Biodiversity/Old growth area
- 100 - Final harvest
- 800 - Selection

Name Gravel Roads
 Name Water Features

