



**BARAGA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 66 ENTRY YEAR: 2007

Compartment Acreage: 692

County: Ontonagon

Revision Date: October 3, 2005

Stand Examiner:

Mankee

Legal Description:

T51N R37W, Sections 30, 31

T51N R38W, Section 36

RMU (if applicable):

n/a

Management Goals:

Manage for northern hardwood. Expand the oak component.

Soil and Topography:

There is a ridge in part of the compartment. The remainder is level to rolling.

Soils are clays and clay loams: Ontonagon – Bohemian association, Iron River loam, and Watton – Iron River – Baraga association.

**Ownership Patterns, Development, and Land Use in and Around the
Compartment:**

This compartment is surrounded by private land. Mass City is to the southwest. Most of the private land is managed for timber.

**Unique, Natural Features (include only non-site specific and non-sensitive
information):**

None identified.

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

This area was intensively mined and explored for mines. There are numerous old mine workings.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Adventure creek flows through the west edge of the compartment. Buffer the stream banks to prevent slumping.

Wildlife Habitat Considerations:

Retain hemlock, except for trees that need to be removed for felling and skidding paths when other tree species are cut. Feature oak where present; mark trees growing under and around oaks so as to release oak crowns and to stimulate oak reproduction. Use BMP buffers along streams to maintain these wildlife travel corridors.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of lacustrine (lake) clay and silt and thin to discontinuous till over bedrock. The glacial drift thickness varies from 100 to 200 feet. The Precambrian Portage Lake Volcanics subcrop below the glacial drift. The Portage Lake does not have a current economic use. Several abandoned copper mines are located in the Compartment. The compartment was previously leased and one parcel is currently leased, associated with the abandoned Adventure Mine. State lands in the area are leased for metallic mineral exploration. Gravel pits are located in the Compartment and potential may be good in places. There is no economic oil and gas production in the UP.

Vehicle Access:

M-26 crosses the compartment. Access to the compartment is good. Internal access is fair.

Survey Needs:

Internal survey corners are needed in section 30.

Recreational Facilities and Opportunities:

The Bill Nicholls Rail-Trail crosses the compartment. This is used for snowmobile in the winter and as an ORV route in the summer. There are no other opportunities for recreational facilities.

Fire Protection:

This is not a fire prone 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

COPPER COUNTRY STATE FOREST

BARAGA FOREST MGT UNIT

ONTONAGON COUNTY

COMPARTMENT: 66

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				
Grass	16																			16	
Non Stocked	17																			17	
Spruce Fir								22												22	
Swamp Hrdwds										46										111	157
Upland Brush	10																			10	
Upland Hdwds																				470	470
Total	43							22		46										581	692

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

COPPER COUNTRY STATE FOREST

BARAGA FOREST MGT UNIT

ONTONAGON COUNTY

COMPARTMENT: 66

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
G Grass					16																						16
X Non Stocked													17														17
F Spruce Fir																			22								22
E Swamp Hrdwds																				157							157
U Upland Brush																								10			10
M Upland Hdwds																									470		470
Total					16								17						22	157				10	470		692

COPPER COUNTRY STATE FOREST

BARAGA FOREST MGT UNIT

ONTONAGON COUNTY

COMPARTMENT: **66**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5699 Cds	Hardwood	1283 Cds
Hardwood	2495 Mbf	Hardwood	103 Mbf
Softwood	1577 Cds	Sum CutVol	1489 Cds
Softwood	72 Mbf		
Sum TotVol	12410 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
692		220	

BARAGA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 66

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
1	M9	45		60	northern hardwood	unevenaged	selection	1	natural regeneration	prescribed for fdf treatment
4	M9	59		60	northern hardwood	unevenaged	selection	1	natural regeneration	prescribed for fdf treatment
comnts Fmd :										
16	M9	104		61	northern hardwood	unevenaged	selection	1	natural regeneration	prescribed for fdf treatment
comnts Fmd : NICE OAK WITH MANY QUALITY SMALL LOGS IN STAND										
28	M6	12		48	northern hardwood	unevenaged	selection	1	natural regeneration	
comnts Fmd : HIGH MORTALITY IN POLE SIZE TIMBER										
Total Acres.....		220								

**Proposed Treatments
With Limiting Factors**

Compartment: 66

Entry Year: 2007

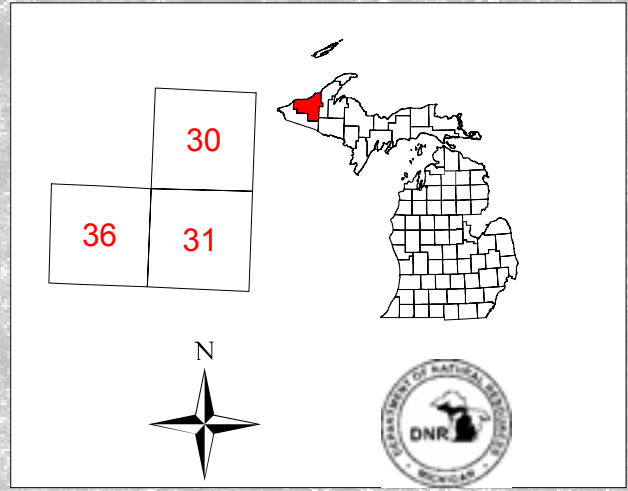
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 66
 T51N, R37W, Sec. 30, 31
 T51N, R38W, Sec. 36
 County: Ontonagon
 Unit: Baraga
 YOE: 2007
 Acres: 692 GIS Calculated
 Stand Examiner: Don Mankee
 Map Revised: 10/05/2005
 Map Phase: Pre-review



Legend

- × GPS Corners
- - Poor Dirt Roads
- + Railroads
- Stand Boundary
- ▨ 848 - Selection/Natural regeneration/Other

