



**CRYSTAL FALLS FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #47

ENTRY YEAR: 2008

Compartment Acreage: 2155

County: DICKINSON

Revision Date: 9/20/06

Stand Examiner: SCOTT SEBERO

Legal Description: T43N-R30W SECTIONS 14, 16, 22, 23, 24 & 25.

Management Goals: Develop age class distribution in aspen type. Develop the quality while maintaining diversity in hardwood types. Maintain health of conifer types and increase acreage where possible. Develop buffers on lakes and streams. Maintain and improve road system.

Soil and Topography: Rolling hills to lowland swamps and drainages.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State lands mixed with private parcels. Lands used mainly for hunting and fishing.

Unique, Natural Features (include only non-site specific and non-sensitive information): Ford River, N. Br. Sturgeon River and Fox Lake.

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

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Objectives:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of medium-textured till. There is insufficient data to determine the glacial drift thickness or it varies between 10 to 100 feet. The Cambrian Munising and Precambrian Michigamme Formations subcrop below the glacial drift. There is not a current economic use for these rocks. The Groveland Iron mine is located approximately six miles to the south. A gravel pit is located one mile to the east and there is potential on the uplands. Part of this area was previously leased for metallic exploration and potential may still exist. There is no economic oil and gas production in the UP.

Vehicle Access: Turner Road, Leeman Road, Fox Lake Road and woods roads.

Much of this compartment is accessed through private property in which the State has management easement.

Survey Needs: Several corners may be needed.

Recreational Facilities and Opportunities:

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**

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

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 47

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		181	226	264	95					171									937
Cedar										748									748
Grass	28																		28
LowInd Brush	186																		186
Mx Swmp Cnfr										12									12
Spruce Fir						27	7			31									65
Upland Hdws																		154	154
Water	25																		25
Total	239	181	226	264	95	27	7			962								154	2155

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

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 47

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	937																										937
C Cedar				748																							748
G Grass					28																						28
L Lowlnd Brush									186																		186
Q Mx Swmp Cnfr												12															12
F Spruce Fir	15																		50								65
M Upland Hdwds																								154			154
Z Water																									25		25
Total	952			748	28				186			12						50						154	25	2155	

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **47**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	11668 Cds	Hardwood	6883 Cds
Hardwood	174 Mbf	Hardwood	11 Mbf
Softwood	22671 Cds	Softwood	1996 Cds
Sum TotVol	34687 Cds	Sum CutVol	8901 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	363
2155			

CRYSTAL FALLS FOREST MGT UNIT

Proposed Treatments
With NO Limiting Factors

Compartment: 47

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	M6	22		55	northern hardwood	unevenaged	thinning	1		
11	A6	78	79	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Save cedar, hemlock and red and white pine. Winter cut.										
12	M6	19		60	northern hardwood	unevenaged	thinning	1		
18	M6	52		55	northern hardwood	unevenaged	thinning	1		
comnts Fmd : Mark out small E-type. Stay off steep hill on east edge of stand bordering C-type.										
20	F6	4	79	45	spruce-fir (uplands- including upland black spruce)	mature	final harvest	1		
25	M6	27		55	northern hardwood	unevenaged	thinning	1		
27	A6	44	79	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Mark out drainages and leave pockets of cedar with buffers.										
28	M6	14		55	northern hardwood	unevenaged	thinning	1		
37	A6	49	79	60	aspen (upland)	mature	final harvest	1		
38	M6	15		55	northern hardwood	unevenaged	thinning	1		
44	F6	12	79	45	spruce-fir (uplands- including upland black spruce)	mature	final harvest	1		
comnts Fmd : Old fence can be seen in spots along North line. Access is through Sagola Twn. Property.										
47	Q6	12	79	45	mixed swamp conifer	immature	final harvest	1		
comnts Fmd : Winter cut. Leave cedar. Leave 300 foot buffer along Ford River.										
49	F6	15	79	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Access is through private land. Pockets of younger spruce and balsam. Leave 300 foot buffer along Ford river.										
Total Acres.....		363								

**Proposed Treatments
With Limiting Factors**

Compartment: 47

Entry Year: 2008

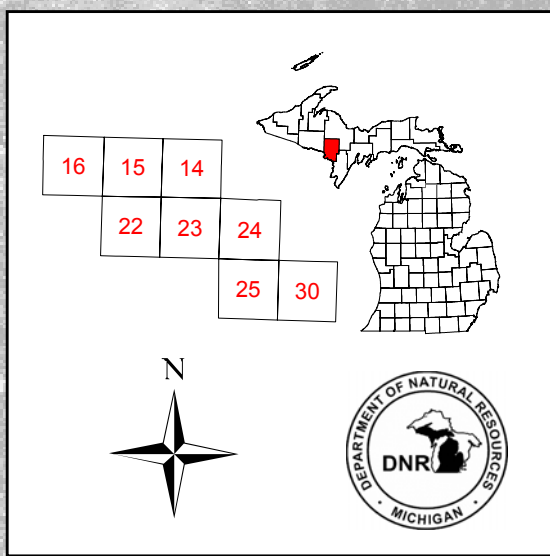
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 47
 T43N, R30W, Sec. 14, 23-25
 T43N, R29W, Sec. 30
 County: Dickinson
 Unit: Crystal Falls
 YOE: 2008
 Acres: 2,155 GIS Calculated
 Stand Examiner: Scott Sebero
 Map Revised: 10/6/2006
 Map Phase: Pre-review



- Legend**
- ◆ RLS Corners
 - Miris Corners
 - Highways
 - County Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - Water Features
 - State Highway
 - Stand Boundary
 - ▨ 100 - Final Harvest
 - ▩ 400 - Thinning

