



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

**COMPARTMENT # 4**

**ENTRY YEAR: 2007**

**Compartment Acreage: 2680**

**County: DICKINSON**

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**Revision Date: 8/29/05**

**Stand Examiner: SCOTT SEBERO**

**Legal Description:** T44N-R29W SECTIONS 5, 6, & 7.  
T44N-R30W SECTIONS 1, 2, 11, & 12.

**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:** Karlin sands with 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):** Parmalee Lake, Floodwood Lakes, and the Michigamme River.

**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:** This compartment is located on the northeast edge of Dickinson County with the Three Lakes, Channing and Floodwood Deeryards located on the southeast, south and southwest edges. Large open grasslands areas were managed for sharptail grouse until the early 1980's and more recently have been managed for geese, deer, turkeys, sandhill cranes, upland grass songbirds and raptors. An upland sandpiper was reported in recent years. The area has been frequently used by a pack of wolves located in north Dickinson County. Six rye fields occupying approximately 100 acres that had been maintained for migratory geese are being converted to permanent grass/legume cover for a suite of grassland species.

**Mineral Resource and Development Concerns and/or Restrictions:**

Surface sediments consist of coarse-textured till and an end moraine of coarse-textured till. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Michigamme Formation and

Archean Granite/Gneiss subcrop below the glacial drift. There is not a current economic use for the Granite/gneiss, although it has building/dimension stone potential. Abandoned Iron mines are located approximately twelve miles to the southwest. A gravel pit is located in Section 1 and potential is good. Part of this Compartment was previously leased for metallic exploration. There is no economic oil and gas production in the UP.

**Vehicle Access:** M-95, Floodwood Road and associated trail system.

**Survey Needs:** None

**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: 4

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		123	262	507	161	155			123	72									1403
Black Spruce									7										7
Grass	793																		793
Jack Pine			2		14														16
Lowlnd Brush	35																		35
Mx Swmp Cnfr										49									49
Non Stocked	31																		31
Oak																		30	30
Red Pine			42			99													141
Upland Hdwds																		48	48
Water	114																		114
White Pine																		13	13
<b>Total</b>	<b>973</b>	<b>123</b>	<b>306</b>	<b>507</b>	<b>175</b>	<b>254</b>			<b>130</b>	<b>121</b>								<b>91</b>	<b>2680</b>

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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: 4

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	1403																										1403
S Black Spruce		7																									7
G Grass					793																						793
J Jack Pine							16																				16
L Lowlnd Brush									35																		35
Q Mx Swmp Cnfr												49															49
X Non Stocked													31														31
O Oak														30													30
R Red Pine																141											141
M Upland Hdwds																								48		48	
Z Water																									114	114	
W White Pine																										13	13
<b>Total</b>	1403	7			793		16		35			49	31	30		141								48	114	13	2680

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 4

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	11672 Cds	Hardwood	3582 Cds
Hardwood	110 Mbf	Softwood	610 Cds
Softwood	3862 Cds	Softwood	45 Mbf
Softwood	379 Mbf	Sum CutVol	4282 Cds
Sum TotVol	16512 Cds		
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	251
2680			

**Proposed Treatments  
With Limiting Factors**

**Compartment: 4**

**Entry Year: 2007**

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

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**Total Acres..... 0**

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

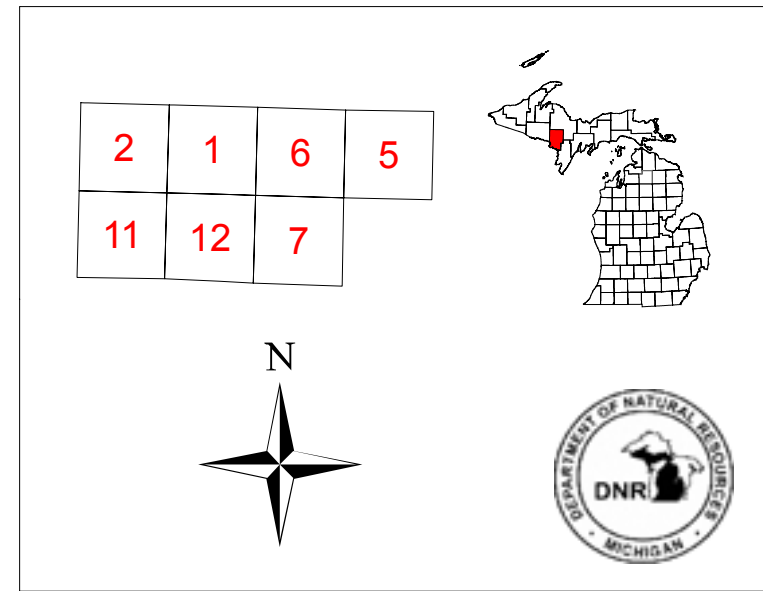
**Compartment: 4**

**Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
2	O6	16		60	oak	unevenaged	selection	1	natural regeneration		
comnts Fmd : Poor quality red maple and very nice red oak. Lots of red maple and oak regen. Summer cut, scarify and follow up with burns to discourage red maple and aspen. If burn doesn't occur, aspen will be an acceptable M.O.											
7	O9	14		60	oak	unevenaged	selection	1	natural regeneration		
comnts Fmd : Very nice red oak stand with junk red maple in understory. Summer cut and scarification followed up with fire to discourage red maple and aspen. If a burn doesn't occur, aspen will be an acceptable M.O.											
8	A6	80	76	60	aspen (upland)	mature	final harvest	1			
13	A6	32	82	60	aspen (upland)	two aged	final harvest	1			
19	A6	21	82	60	aspen (upland)	two aged	final harvest	1			
20	R6	61	41	60	red pine	immature	thinning	1			
24	A6	14	81	60	aspen (upland)	mature	final harvest	1			
36	A6	5	81	60	aspen (upland)	mature	final harvest	1			
78	W9	8		60	white pine	unevenaged	selection	1			
comnts Fmd : White pine stand with red maple and oak. Red maple starting to come into understory. Open stand up with cut and burn after cut to prepare seed bed and discourage red maple.											
410	G0	12			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
411	G0	20			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
413	G0	17			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
415	G0	6			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
416	G0	9			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
419	G0	5			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
420	G0	12			grass	nonstocked		0	planting		
comnts Fmd : SEEDED GOOSE PASTURE											
<b>Total Acres.....</b>		<b>332</b>									

# Field Map

Compartment 4  
 T44N, R29W, Sec. 5-7  
 T44N, R30W, Sec. 1, 2, 11, 12  
 County: Dickinson  
 Unit: Crystal Falls  
 YOE: 2007  
 Acres: 2,680 GIS Calculated  
 Stand Examiner: Scott Sebero  
 Map Revised: 9/08/2005  
 Map Phase: Pre-review



- Legend**
- Miris corners
  - - Poor dirt roads
  - Powerlines
  - Railroads
  - Stand Boundary
  - ▨ 016 - Planting
  - ▩ 100 - Final Harvest
  - ▧ 400 - Thinning
  - ▦ 800 - Selection
  - ▤ 846 - Selection/Natural Regeneration
- Name Poor Dirt Roads  
Name Water Features

