



**Crystal Falls FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 62 ENTRY YEAR 2007
Compartment Acreage: 2058 County: Dickinson**

Revision Date: 08/24/2005

Stand Examiner: Terry Cryderman

Legal Description: T42N R28W Sections 09,10,15&16.

Management Goals: Develop age class distribution in aspen type. Maintain diversity in hardwood types. Increase conifers where possible.

Soil and Topography: Rolling hills to swamps.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State owned land and private ownership used by loggers, hunters and fishermen.

Unique, Natural Features (include only non-site specific and non-sensitive information): Skunk Creek and East Branch of the Skunk Creek.

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

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: This compartment is a part of the Sturgeon River Deeryard. Aspen type needs to be maintained, but not expanded at the expense of the swamp conifer types. The large swamp conifer stands provide winter cover for deer, bobcat and host a variety of other game and non-game species throughout the year.

MINERAL, OIL AND GAS CONSIDERATIONS: Compartment 62: Sections 8 - 10, 15 & 16, T42N-R28W, Dickinson Co.

Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 10 and 100 feet. The Precambrian Archean Volcanics and sedimentary rocks subcrop below the glacial drift. There is no current economic use for these rocks. A Randville Dolomite (?) quarry is located three miles to the west. The Groveland Iron mine is located approximately eight miles to the southwest. This compartment was

previously leased and Sections 11 - 18 are currently leased for metallic exploration. A gravel pit is located in Section 17 and there is potential. There is no economic oil and gas production in the UP.

Vehicle Access: Skunk Creek road.

Survey Needs: Yes.

Recreational Facilities and Opportunities: Hunting, fishing and dispersed camping

Fire Protection: Felch 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

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 62

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		175	345		109	13		169	5										816
Cedar										247	257								504
Grass	11																		11
Lowlnd Brush	85																		85
Mx Swmp Cnfr				10					245										255
Red Pine											3								3
Spruce Fir				48															48
Upland Hdwds					9													276	285
White Pine											51								51
Total	96	175	345	58	118	13		169	250	247	311							276	2058

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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: 62

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	816																										816
C Cedar				504																							504
G Grass					11																						11
L Lowlnd Brush									85																		85
Q Mx Swmp Cnfr												255															255
R Red Pine																3											3
F Spruce Fir																			48								48
M Upland Hdwds																								285			285
W White Pine																										51	51
Total	816			504	11				85			255			3			48						285		51	2058

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **62**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	11662 Cds	Hardwood	3051 Cds
Hardwood	302 Mbf	Hardwood	36 Mbf
Softwood	18574 Cds	Softwood	202 Cds
Softwood	818 Mbf	Softwood	6 Mbf
Sum TotVol	32476 Cds	Sum CutVol	3337 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	185
2058			

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 62

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
1	A6	96	60	60	aspen (upland)	mature	final harvest	2			
comnts Fmd : From mini-review: Winter cut to avoid rutting. Buffer swale south of stand 9. Wide buffer east of stand 9, up to 1 chain depending on steepness of the rock.											
13	M6	24		60	northern hardwood	unevenaged	selection	2		prescribed for fdf treatment	
comnts Fmd : From minireview: Hold Hemlock and White Pine.											
15	A6	5	70	60	aspen (upland)	mature	final harvest	2			
41	M6	60		55	northern hardwood	unevenaged	selection	2		prescribed for fdf treatment	
comnts Fmd : From minireview: Hold Hemlock and Cedar. Leave dead Hemlock were possible.											
Total Acres.....		185									

**Proposed Treatments
With Limiting Factors**

Compartment: 62

Entry Year: 2007

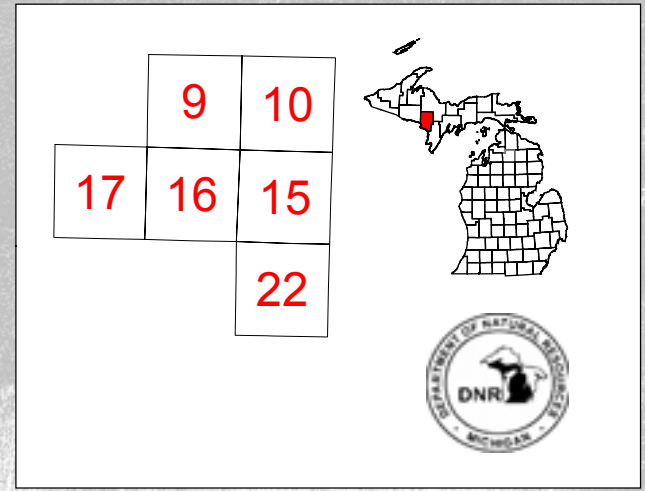
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Compartment 62
 T42N, R28W, Sec. 9, 10, 15-17, 22
 County: Dickinson
 Unit: Crystal Falls
 YOE: 2007
 Acres: 2,058 GIS Calculated
 Stand Examiner: Terry Cryderman
 Map Revised: 9/08/2005
 Map Phase: Pre-review

Field Map



Legend

- ! RLS Corners
- Miris Corners
- - Poor Dirt Roads
- ▬ Gravel Roads
- Water Features
- ▭ Stand Boundary
- ▨ 100 - Final Harvest
- ▩ 800 - Selection

Name County Paved Roads
Name Gravel Roads
Name Water Features

