



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

**COMPARTMENT #155      ENTRY YEAR: 2008**

**Compartment Acreage: 845      County: IRON**

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**Revision Date:** 09/20/06

**Stand Examiner:** SCOTT SEBERO

**Legal Description:** T42N-R31W SECTION 3 & 4.

**Management Goals:** Develop age class distribution in aspen type. Maintain health of conifer types and increase acreage where possible. Maintain and improve road system.

**Soil and Topography:** Karlin sands on flat to rolling hills to lowland swamps and drainages.

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

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

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

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Hemlock Formation subcrops below the glacial drift. There is not a current economic use for the Hemlock. Abandoned iron mines are located four miles to the northwest. This Compartment was previously leased for metallic exploration and potential may still exist. The nearest gravel pit is several miles away, but there may be some potential. There is no economic oil and gas production in the UP.

**Vehicle Access:** From Camp 5 Road by woods roads.

**Survey Needs:** None

**Recreational Facilities and Opportunities:** Snowmobile trail runs through compartment.

**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

IRON COUNTY

COMPARTMENT: 155

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
Aspen		2	156	221	118					35									532
Black Spruce										35									35
Bog or Marsh	5																		5
Grass	69																		69
Jack Pine		8								5									13
LowInd Brush	18																		18
Mx Swmp Cnfr										48									48
Red Pine						38												66	104
Spruce Fir			2							1									3
Water	18																		18
<b>Total</b>	<b>110</b>	<b>10</b>	<b>158</b>	<b>221</b>	<b>118</b>	<b>38</b>				<b>124</b>								<b>66</b>	<b>845</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

IRON COUNTY

COMPARTMENT: 155

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	515																		17								532
S Black Spruce		35																									35
V Bog or Marsh			5																								5
G Grass					69																						69
J Jack Pine							13																				13
L LowInd Brush									18																		18
Q Mx Swmp Cnfr												48															48
R Red Pine																104											104
F Spruce Fir																				3							3
Z Water																									18		18
<b>Total</b>	515	35	5		69		13		18			48				104			20						18		845

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **155**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	4088 Cds	Hardwood	331 Cds
Softwood	2534 Cds	Softwood	236 Cds
Softwood	550 Mbf	Sum CutVol	567 Cds
Sum TotVol	7722 Cds		
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	29
845			

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 155**    **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
7	A6	12	86	60	aspen (upland)	mature	final harvest	1		
21	J6	5	86	60	jack pine	mature	final harvest	1		
32	R9	6		65	red pine	unevenaged	selection	2		
comnts Fmd : Cut only jackpine and aspen. Summer cut.										
38	A5	6	86	55	aspen (upland)	low quality	final harvest	2		
comnts Fmd : Wet drainage through center of stand. Clumps of jackpine on edges of stand. Leave spruce and balsam.										

**Total Acres..... 29**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 155**

**Entry Year: 2008**

<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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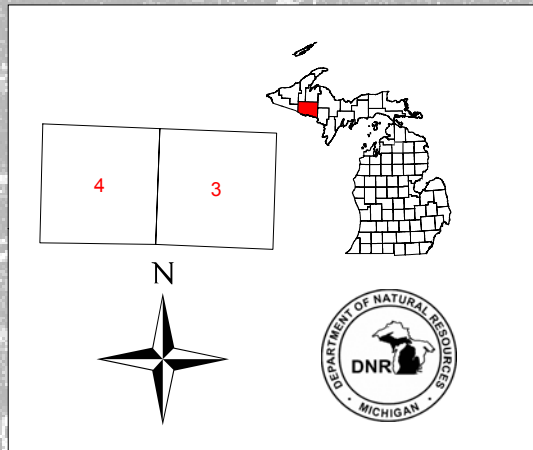
TREATMENT LIMITING FACTORS:

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Total Acres..... 0

# Field Map

Compartment 155  
T42N, R31W, Sec. 3, 4  
County: Iron  
Unit: Crystal Falls  
YOE: 2008  
Acres: 845 GIS Calculated  
Stand Examiner: Scott Sebero  
Map Revised: 10/6/2006  
Map Phase: Pre-review



### Legend

- Miris Corners
- Paved Roads
- Poor Dirt Roads
- Trails
- Snowmobile Trails
- Stand Boundary
- 100 - Final Harvest
- 800 - Selection

