



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

**COMPARTMENT # 157 ENTRY YEAR 2007  
Compartment Acreage: 921 County: Iron**

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**Revision Date: June 2005**

**Stand Examiner: Cynthia Cooper**

**Legal Description: T42N, R32W, SECTIONS 3,10 and 11.**

**Management Goals: Maintain and improve pine component.**

**Soil and Topography: Loamy sand and fine sandy loams predominate. Topography mostly level with a few wet, low lying areas.**

**Ownership Patterns, Development, and Land Use in and Around the Compartment: The eastern edge of the compartment bordered by Wisconsin Electric land, State ownership to the west and private ownerships to the north. Area is widely used for recreation, mostly ORV and hunting use.**

**Unique, Natural Features: Mud Lake and Tim Bower's Pond.**

**Archeological, Historical, and Cultural Features: None known.**

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** The predominant wildlife features, in this compartment, are the large opening complexes that have been maintained on an annual basis by wildlife division. The mixture of young aspen and jack pine support good deer numbers. Choke and pin cherry that invade some of these opening edges, provide soft mast for bear, grouse and a variety of non-game wildlife species.

**MINERAL, OIL AND GAS CONSIDERATIONS:**

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 50 and 100 feet. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for these rocks. Abandoned iron mines are located one mile to the north. Part of 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: Excellent.**

**Survey Needs: Corners needed in the northwest of the south east and the north half of the south west of section 11.**

**Recreational Facilities and Opportunities: Extensive road and undesignated trail system.**

**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: 157

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	250																										250
V Bog or Marsh			10																								10
G Grass					274																						274
J Jack Pine							57																				57
Q Mx Swmp Cnfr												14															14
R Red Pine																289											289
U Upland Brush																								16			16
Z Water																									11		11
<b>Total</b>	250		10		274		57					14				289							16		11	921	

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **157**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	1359 Cds	Hardwood	546 Cds
Hardwood	15 Mbf	Softwood	536 Cds
Softwood	7958 Cds	Softwood	11 Mbf
Softwood	528 Mbf	Sum CutVol	1104 Cds
Sum TotVol	10403 Cds		
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	52
921			

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 157**    **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
<b>7</b>	<b>R6</b>	32	46	70	red pine	immature	thinning	2		
comnts Fmd : Mark (2005)										
<b>9</b>	<b>A6</b>	5	57	50	aspen (upland)	mature	final harvest	1		
comnts Fmd : Last Y.O. E. treatment period = 9. Why? (2005)										
<b>15</b>	<b>R9</b>	1	62	60	red pine	immature	thinning	1		
comnts Fmd : Treatment period from last inventory is 9 with no explanation. Thin (2005)										
<b>17</b>	<b>J6</b>	1	51	60	jack pine	immature	final harvest	1		
comnts Fmd : Jack Pine in very poor condition, poorly formed, much fallen. Clear cut . Natural reproduction of jack pine expected. Aspen is a secondary management objective if jack pine reproduction inadequate. (2005)										
<b>18</b>	<b>A5</b>	2	60	55	aspen (upland)	mature	final harvest	2		
comnts Fmd : treatment period from last inventory is 9 with no explanation. Poorly formed, poor quality aspen. Cut.(2005)										
<b>19</b>	<b>A5</b>	4	50	55	aspen (upland)	mature	final harvest	2		
comnts Fmd : treatment period from 1995 is 9 but no explanation. Why?(2005)										
<b>36</b>	<b>A9</b>	5	60	60	aspen (upland)	mature	final harvest	3		
comnts Fmd : Area too small to cut alone. May cut if other stands in area treated. (2005)										
<b>42</b>	<b>A6</b>	2	60	55	aspen (upland)	mature	final harvest	2		
comnts Fmd : Last inventory showed a treatment period of 9. Why? (2005)										
<b>Total Acres.....</b>		<b>52</b>								

**Proposed Treatments  
With Limiting Factors**

**Compartment: 157**

**Entry Year: 2007**

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<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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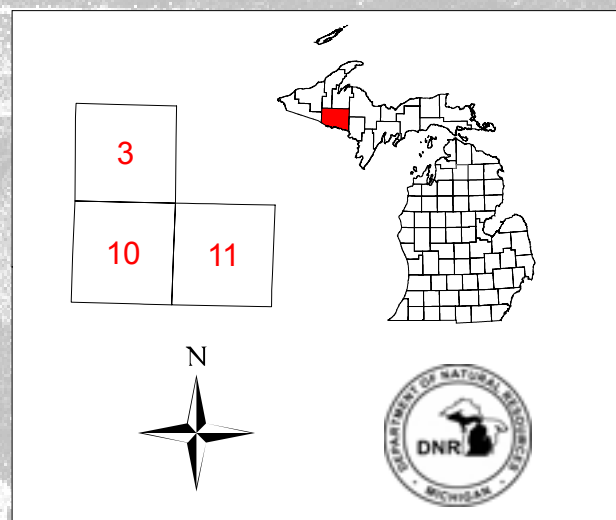
TREATMENT LIMITING FACTORS:

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

# Field Map

Compartment 157  
 T42N, R32W, Sec. 3, 10, 11  
 County: Iron  
 Unit: Crystal Falls  
 YOE: 2007  
 Acres: 921 GIS Calculated  
 Stand Examiner: Cynthia Cooper  
 Map Revised: 9/08/2005  
 Map Phase: Pre-review



**Legend**

- ◆ RLS Corners
- ✕ GPS Corners
- - - Poor Dirt Roads
- ▭ Stand Boundary
- ▨ 100 - Final Harvest
- ▩ 400 - Thinning
- Name Poor Dirt Roads
- Name Water Features

