



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

**COMPARTMENT #156      ENTRY YEAR: 2009**

**Compartment Acreage: 1156      County: IRON**

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**Revision Date:** 07/12/07

**Stand Examiner:** SCOTT SEBERO

**Legal Description:** T42N-R31W SECTION 6.  
T42N-R32W SECTIONS 1 & 2.

**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 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):** Glidden 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 Habitat Considerations:**

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

**Compartment 156: Sections 5 & 6, T42N-R31W, Sections 1& 2, T41N-R32W, Section, 31 T43N-R31W and Section 36, T43N-R32W, Iron County**

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium, in some places thin and discontinuous. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Hemlock and Michigamme Formations subcrop below the glacial drift. There is not a current economic use for these formations. Abandoned iron mines are located one mile to the northwest. Part of this Compartment was previously leased for metallic exploration and potential may still exist. State land to the northeast is currently

leased. The nearest gravel pit is two miles to the east, but there may be some potential. There is no economic oil and gas production in the UP.

**Vehicle Access:** Lake Mary Road and woods roads.

**Survey Needs:** Three corners needed for boundaries on proposed timber sale.

**Recreational Facilities and Opportunities:** Glidden Lake Campground. Snowmobile trail and cross country ski trail.

**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: 156

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	496																										496
S Black Spruce		55																									55
V Bog or Marsh			11																								11
G Grass					10																						10
J Jack Pine							115																				115
Q Mx Swmp Cnfr												92															92
X Non Stocked													6														6
O Oak														18													18
R Red Pine																319											319
Z Water																									34		34
Total	496	55	11		10		115					92	6	18		319									34		1156

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **156**

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

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3428 Cds	Hardwood	2648 Cds
Hardwood	47 Mbf	Softwood	3571 Cds
Softwood	11587 Cds	Sum CutVol	6219 Cds
Softwood	328 Mbf		
Sum TotVol	15765 Cds		
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
1156		277	

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 156 Entry Year: 2009**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
<b>7</b>	<b>R9</b>	36	80	65	red pine	two aged	thinning	1			
comnts Fmd : Lake Mary Ski Trail runs through stand. Summer cut. Retain 3% B.A..											
<b>17</b>	<b>J6</b>	5	72	65	jack pine	mature	final harvest	1			
comnts Fmd : Snowmobile trail runs through stand. Summer cut. Retain 3% acres along stand 38. Leave transition zone next to stand 38.											
<b>22</b>	<b>A6</b>	21	80	65	aspen (upland)	immature	final harvest	1			
comnts Fmd : Retain 3% B.A..											
<b>23</b>	<b>A6</b>	20	77	65	aspen (upland)	mature	final harvest	1			
comnts Fmd : Scattered oak and red and white pines. Leave all oak and red and white pine. Retain 3% B.A..											
<b>28</b>	<b>R6</b>	28	44	65	red pine	two aged	selection	1			
comnts Fmd : Pockets of jackpine in redpine plantation. Widden ski trail to 12 feet. Summer cut. Retain 3% B.A..											
<b>31</b>	<b>R6</b>	113	51	65	red pine	immature	thinning	1			
comnts Fmd : Lake Mary Ski Trail and snowmobile trail run through stand. Widen ski trail to 12 feet. Summer cut. Retain 3% B.A..											
<b>41</b>	<b>A6</b>	8	87	60	aspen (upland)	two aged	final harvest	1			
comnts Fmd : Retain 3% B.A..											
<b>46</b>	<b>O6</b>	18	72	60	oak	two aged	thinning	1			
comnts Fmd : Glidden Lake Campground. Retain 3% B.A. Winter cut. Select logger.											
<b>47</b>	<b>R6</b>	5	44	65	red pine	immature	thinning	1			
comnts Fmd : Snowmobile trail runs through stand. Retain 3% B.A.. Summer cut.											
<b>51</b>	<b>R6</b>	5	51	65	red pine	immature	thinning	1			
comnts Fmd : Snowmobile trail runs through trail. Summer cut. Retain 3% B.A..											
<b>52</b>	<b>R6</b>	18	51	65	red pine	immature	thinning	1			
comnts Fmd : Snowmobile trail runs through stand. Summer cut. Retain 3% B.A..											
<b>Total Acres.....</b>		<b>277</b>									

**Proposed Treatments  
With Limiting Factors**

**Compartment: 156**

**Entry Year: 2009**

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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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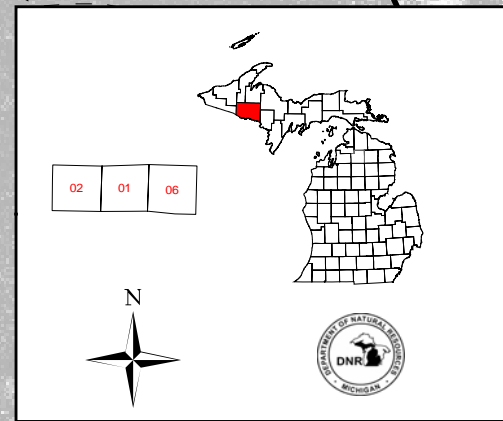
TREATMENT LIMITING FACTORS:

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

# Field Map

Compartment 156  
 T42N, R32W, Sec. 1, 2  
 T44N, R31W, Sec. 6  
 County: Iron  
 Unit: Crystal Falls  
 YOE: 2009  
 Acres: 1,156 GIS Calculated  
 Stand Examiner: Scott Sebero  
 Map Revised: 8/7/2007  
 Map Phase: Pre-Review



**Legend**

- RLS Corners
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Trails
- Snowmobile Trails
- Ski Trails
- Stand Boundary
- 100 - Final Harvest
- 400 - Thinning
- 800 - Selection

