



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

COMPARTMENT #153 ENTRY YEAR: 2007

Compartment Acreage: 771 County: IRON

Revision Date: 08/29/05

Stand Examiner: SCOTT SEBERO

Legal Description: T43N-R31W SECTION 31.
T43N-R32W SECTION 36.

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): Glidden Lake is just south of this compartment.

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 part of the Old Mansfield Deeryard. Aspen stands provide excellent habitat for deer, grouse, woodcock and bear. Lowland cedar and spruce stands provide a travel corridor from the northwest corner of the compartment through to its east central side. This travel corridor is heavily used by black bear and also used as winter cover by deer. Soft mast produced, in the openings, attract a variety of wildlife.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of thin to discontinuous glacial outwash sand and gravel. 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 to the northwest. Part of this compartment was previously leased for metallic

exploration. The nearest gravel pit is located several miles away and potential appears to be limited. There is no economic oil and gas production in the UP.

Vehicle Access: M-69 and Lake Mary Road.

Survey Needs: None

Recreational Facilities and Opportunities: Lake Mary Ski Trail passes through the south end of this compartment. Glidden Lake Campground is just south of the 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**

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **153**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3121 Cds	Hardwood	1235 Cds
Softwood	6433 Cds	Softwood	381 Cds
Softwood	125 Mbf	Softwood	20 Mbf
Sum TotVol	9804 Cds	Sum CutVol	1656 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	100
771			

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 153 **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
7	A6	12	75	65	aspen (upland)	mature	final harvest	1		
comnts Fmd : Leave all red and white pine and all oak.										
10	A6	19	75	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Ski trail passes through stand. Summer cut. Leave all red and white pine.										
11	R6	29	39	65	red pine	immature	selection	1		
comnts Fmd : Ski trail runs through stand. Summer cut. Part of stand was cut in 1998.										
21	A6	5	77	65	aspen (upland)	mature	final harvest	1		
23	R6	15	49	65	red pine	immature	selection	1		
36	A5	1	75	65	aspen (upland)	mature	final harvest	1		
37	R9	9	75	65	red pine	mature	shelterwood-seed	1		
comnts Fmd : Open stand up and burn after cut. This should provide seed bed and discourage red maple.										
38	A6	4	75	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Ski trail passes through stand. Summer cut. Leave all red and white pine.										
40	A6	4	75	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Ski trail passes through stand. Summer cut. Leave all red and white pine.										
42	A6	2	75	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Ski trail passes through stand. Summer cut. Leave all red and white pine.										
Total Acres.....		100								

**Proposed Treatments
With Limiting Factors**

Compartment: 157

Entry Year: 2007

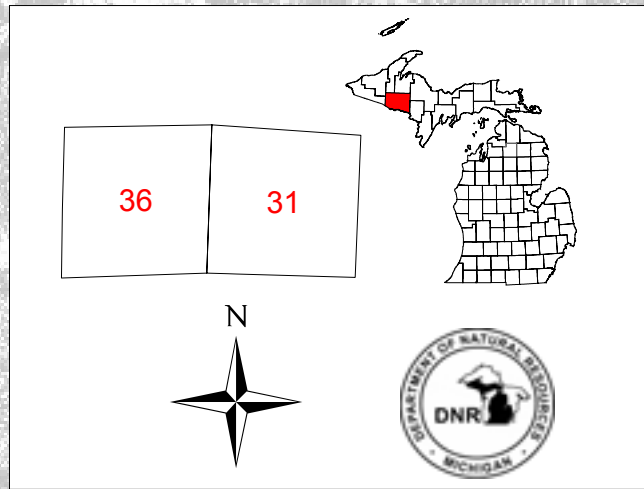
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 153
 T43N, R31W, Sec. 31
 T43N, R32W, Sec. 36
 County: Iron
 Unit: Crystal Falls
 YOE: 2007
 Acres: 771 GIS Calculated
 Stand Examiner: Scott Sebero
 Map Revised: 9/08/2005
 Map Phase: Pre-review



Legend

- ◆ RLS Corners
- Miris Corners
- - Poor Dirt Roads
- ⋯ Trails
- 🏂 Ski Trials
- State Highway
- ▭ Stand Boundary
- ▨ 100 - Final Harvest
- ▧ 300 - Shelterwood-seed
- ▩ 800 - Selection

Name Poor Dirt Roads
Name Trails

