



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

**COMPARTMENT # 186 ENTRY YEAR 2009
Compartment Acreage: 766 County: Iron**

Revision Date: July 16, 2007

Stand Examiner: Linda Lindberg

Legal Description: T45N, R31W Sections 17 & 18

Management Goals: Hardwoods are the primary cover type, followed by aspen, lowland swamp conifers and lowland hardwoods. All aspen has been cut if it could be and the hardwood was thinned in 2006 because there was a large wind event in 2005 and a group effort was made to mark and harvest the stands –both blown down and selectively marked timber. Therefore, because that harvest has taken place, this compartment has no stands to harvest.

Soil and Topography: Predominant soils are Iron River Loams followed by imperfectly drained loams to lowland muck.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This is a fairly solid piece of ownership by the state of Michigan and all is fairly accessible.

Unique, Natural Features: The Nolenchec creek runs through the compartment and the Fence river borders it on the east side

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations: Make sure the Fence river and Nolenchec creek are sufficiently buffered.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

MINERAL, OIL AND GAS CONSIDERATIONS: Compartment 186: Sections 17 & 18, T45N-R31W, Iron County

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium, coarse-textured till and an end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Archean Granite/Gneiss subcrops below the glacial drift. There is not a current economic use for these rocks, but the granite/gneiss has dimension stone potential. The abandoned Republic iron mine is located twelve miles to the northeast. This Compartment has been previously leased for metallic

exploration and Sections 8 and 16 are currently leased. A gravel pit is located in Section 8 and there should be potential. There is no economic oil and gas production in the UP.

Vehicle Access: The New DNR road goes through the compartment and this is the main access with a small amount off of the Hardwood Lake road

Survey Needs: None needed

Recreational Facilities and Opportunities: The Nolenchec and the Fence are good fishing streams and the whole area would be good deer hunting.

Fire Protection: This compartment is mostly hardwood which doesn't burn too readily.

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: 186

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not 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	Total
Aspen			88		146		2			8									244
Grass	1																		1
Lowlnd Brush	16																		16
Mx Swmp Cnfr								49	32										81
Spruce Fir										12								5	17
Upland Hdwds																		366	366
Water	41																		41
Total	58		88		146		2	49	32	20								371	766

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **186**

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	244																										244
G Grass					1																						1
L Lowlnd Brush									16																		16
Q Mx Swmp Cnfr												81															81
F Spruce Fir																			17								17
M Upland Hdwds																								366			366
Z Water																									41		41
Total	244				1				16			81							17					366	41		766

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

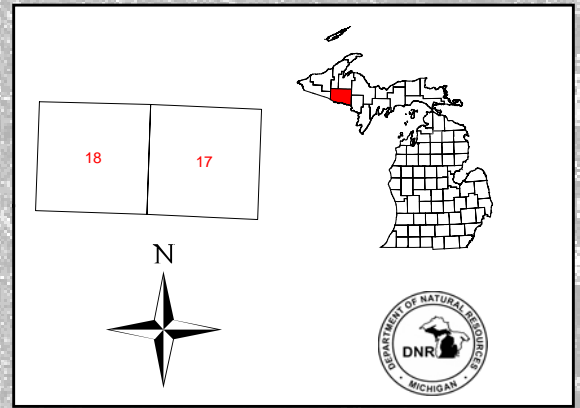
COMPARTMENT: **186**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9018 Cds	Hardwood	691 Cds
Hardwood	408 Mbf	Sum CutVol	691 Cds
Softwood	1102 Cds		
Softwood	38 Mbf		
Sum TotVol	11012 Cds		
Total Cmpnt Acres		Acres Proposed For Cut.....	
766		0	

Field Map

Compartment 186
T45N, R31W, Sec. 17, 18
County: Iron
Unit: Crystal Falls
YOE: 2009
Acres: 766 GIS Calculated
Stand Examiner: Linda Lindberg
Map Revised: 8/07/2007
Map Phase: Pre-Review



Legend

- Miris Corners
- - - Poor Dirt Roads
- Stand Boundary
- ▨ Special Conservation Area

