



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

**COMPARTMENT #122 ENTRY YEAR
Compartment Acreage: 1,201 County: Iron**

Revision Date:

Stand Examiner:

Legal Description: RMU (if applicable):

Management Goals: Soil and Topography:

Ownership Patterns, Development, and Land Use in and Around the Compartment:

**Unique, Natural Features (include only non-site specific and non-sensitive information):
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, OIL AND GAS CONSIDERATIONS:

Compartment 122: Sections 10 & 11, T44N-R33W, Iron Co.

Surface sediments consist of an end moraine of coarse-textured till and glacial outwash sand and gravel and post glacial 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. The abandoned Warner iron mine is located just to the west. This compartment was not previously leased for metallic exploration, according to our records. The nearest gravel pit is located one mile to the southwest and there should be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

Survey Needs: Recreational Facilities and Opportunities:

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: 122

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			68	149	152	21	50	4	5	1	19								469
Black Spruce							15	6											21
Cedar										4			24						28
Lowlnd Brush	197																		197
Mx Swmp Cnfr							58	61	21	23									163
Spruce Fir					6	31	153	4	5	1									200
Swamp Hrdwds																		30	30
Tamarack							28												28
Upland Hdwds																		43	43
Water	6																		6
White Pine																		16	16
Total	203		68	149	158	52	304	75	31	29	19		24					89	1201

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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: 122

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	469																										469
S Black Spruce		21																									21
C Cedar				28																							28
L Lowlnd Brush								197																			197
Q Mx Swmp Cnfr											163																163
F Spruce Fir																			200								200
E Swamp Hrdwds																				30							30
T Tamarack																						28					28
M Upland Hdwds																								43			43
Z Water																									6		6
W White Pine																										16	16
Total	469	21		28					197			163							200	30	28			43	6	16	1201

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: 122

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5695 Cds	Hardwood	761 Cds
Hardwood	202 Mbf	Softwood	316 Cds
Softwood	6609 Cds	Sum CutVol	1077 Cds
Softwood	265 Mbf		
Sum TotVol	13238 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
1201		35	

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 122 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
25	A6	4	61	55	aspen (upland)	mature	final harvest	1		
comnts Fmd : Will have to be winter cut due to wet access on RR grade.										
26	S6	6	61	55	black spruce-swamp	immature	final harvest	1		
comnts Fmd : There is a lot of black spruce in this but it is upland and is throughout the stand. A lot of the stand will come back as aspen. Will have to be winter logged due to only access is on the RR grade and that is wet.										
35	A6	5	74	55	aspen (upland)	mature	final harvest	1		
37	A6	19	90	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : It would be difficult to access this stand through our own property, If we would try it would have to be winter or try to go through the private to the south.										
65	A6	1	78	55	aspen (upland)	mature	final harvest	1		

Total Acres..... 35

**Proposed Treatments
With Limiting Factors**

Compartment: 122 **Entry Year: 2008**

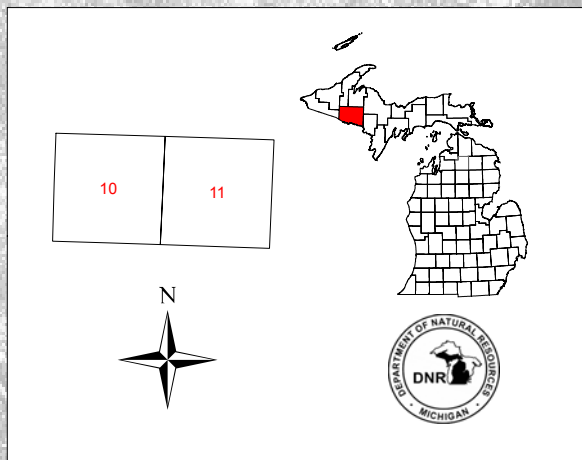
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 122
 T44N, R33W, Sec. 10-11
 County: Iron
 Unit: Crystal Falls
 YOE: 2008
 Acres: 1,201 GIS Calculated
 Stand Examiner: Linda Lindberg
 Map Revised: 10/6/2006
 Map Phase: Pre-review



Legend

- Miris Corners
- County Gravel Roads
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Trails
- Water Features
- Snowmobile Trails
- Stand Boundary
- 100 - Final Harvest

