



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

COMPARTMENT # 84 ENTRY YEAR: 2008

Compartment Acreage:1282 County: Dickinson

Revision Date: 9/18/06

Stand Examiner: Otto Jacob

Legal Description:T41N R29W sections 27,34

Management Goals: To develop this wild and beautiful compartment for wild life and for remote qualities. It truly is unusual in that Dickinson county has so few lakes and this area is growing old aspen types between the vascular system of wetlands and drainages. Much of the old aspen has cedar saplings growing up and replacing the upland types.

Soil and Topography: Thin soils overlay the ubiquitous rock. Rugged outcrops host the lakes and streams when they are not standing high above them.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Ownership is broken out of solid state blocks into smaller parcels in part around some of the lakes.

Unique, Natural Features : Unusual and difficult to access area of rocky lakes ideal for eagles, loons and wildlife.

Archeological, Historical, and Cultural Features : The location of the few natural lakes found in the county.

Special Management Designations or Considerations: It would make a fine site for natural conifer succession.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: Eagles have nested around the lakes. Good loon area. Very good for many species that prefer wild and undisturbed sites.

Mineral Resource and Development Concerns and/or Restrictions: The rock is not generally merchantable. Not much gravel to be found in the area.

Vehicle Access: Poor access

Survey Needs:

Recreational Facilities and Opportunities: The lakes are favored recreation areas. There is a state forest campground on the southern end of Carney Lake.

Fire Protection: Difficult and remote site.

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

DICKINSON COUNTY

COMPARTMENT: 84

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	836																										836
V Bog or Marsh			13																								13
C Cedar				41																							41
N Marsh											136																136
Q Mx Swmp Cnfr												147															147
B Paper Birch	11																										11
R Red Pine																20											20
E Swamp Hrdwds																				43							43
Z Water																									33		33
W White Pine																										2	2
Total	847		13	41							136	147				20				43					33	2	1282

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **84**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	13846 Cds	Hardwood	2218 Cds
Softwood	4451 Cds	Softwood	233 Cds
Softwood	331 Mbf	Sum CutVol	2451 Cds
Sum TotVol	18959 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
1282		99	

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 84

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	B6	11	86	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Cut with adjacent stand in compartment 79										
5	A6	77	84	62	aspen (upland)	mature	final harvest	1		
comnts Fmd : There may be scattered patches of conifer regen. Try to avoid squashing these in this stand. There is a drainage running N&S down the center of this stand that may reduce the operable area by up to 50%										
Total Acres.....		88								

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 84

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
8	A6	8	84	62	aspen (upland)	mature	final harvest	1		

TREATMENT LIMITING FACTORS: Blocked by other physical obstacle
Inadequate volume due to small acreage

comnts Fmd : Cut with std 5 remember that an Eagle's nest may be close and to the south. There may be an access problem due to small size of this stand which is guarded by large drainages and bogs.

17	A6	3	84	62	aspen (upland)	mature	final harvest	1		
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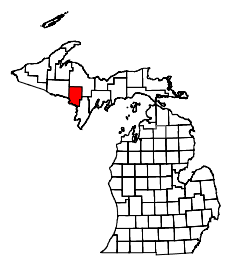
TREATMENT LIMITING FACTORS: Blocked by other physical obstacle
Inadequate volume due to small acreage

comnts Fmd : Small patch of aspen on rock top.

Total Acres..... 11

Field Map

Compartment 84
T41N, R29W, Sec. 27, 34
County: Dickinson
Unit: Crystal Falls
YOE: 2008
Acres: 1,282 GIS Calculated
Stand Examiner: Otto Jacob
Map Revised: 10/6/2006
Map Phase: Pre-review



Legend

- Miris Corners
- Gravel Roads
- Stand Boundary
- 100 - Final Harvest

