



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

**COMPARTMENT # 86 ENTRY YEAR 2007
Compartment Acreage: 1235 County: Dickinson**

Revision Date: 06/06/05

Stand Examiner: Otto Jacob

Legal Description: RMU):Crystal Falls Management Unit , T41N R29W Sections 35, 36.

Management Goals: To put the best growth on the best stems in the hardwoods while taking the opportunity to promote opportunities for diverse wildlife values.

Soil and Topography: Several drainages run East and West in this compartment. One makes a fairly deep valley near the center of the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Small private ownership is found in and around this 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: This compartment is located on the southern-most portion of the Camp Suicide deeryard. This compartment has a diverse mixture of types and age classes in some of the stand types. The old growth cedar, swamp conifer and lowland types should be maintained as travel corridors, cover and early spring food sources and rearing sites for everything from bear to salamanders.

MINERAL, OIL AND GAS CONSIDERATIONS: Surface sediments consist of thin to discontinuous glacial till over bedrock. There is insufficient data to determine the glacial drift thickness. The Precambrian Archean granite/gneiss outcrops beneath the glacial drift. There is not a current economic use for these rocks, but the granite/gneiss has building/dimension stone potential

Vehicle Access: Access is fairly good when roads are dry. There are many areas here that have thin soils that perch water.

Survey Needs:

Recreational Facilities and Opportunities: Good hunting, fishing , trapping and cross country skiing opportunity.

Fire Protection: Good access for South Dickinson

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 MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 86

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	STAND AGE CLASS																Total	
		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
Aspen		75	35	104	335	11			31										591
Hemlock										6									6
LowInd Brush	21																		21
LowInd Poplr					7														7
Mx Swmp Cnfr										106	120								226
Paper Birch										110									110
Red Pine									24										24
Swamp Hrdwds						28													28
Upland Hdwds			9															205	214
Water	8																		8
Total	29	75	44	104	342	39			55	222	120							205	1235

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 86

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	591																										591
H Hemlock						6																					6
L LowInd Brush									21																		21
P LowInd Poplr										7																	7
Q Mx Swmp Cnfr												226															226
B Paper Birch															110												110
R Red Pine																24											24
E Swamp Hrdwds																				28							28
M Upland Hdwds																								214		214	
Z Water																									8	8	
Total	591					6			21	7		226			110	24				28				214	8	1235	

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **86**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	11428 Cds	Hardwood	968 Cds
Hardwood	305 Mbf	Hardwood	6 Mbf
Softwood	3178 Cds	Sum CutVol	980 Cds
Softwood	102 Mbf		
Sum TotVol	15420 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	81
1235			

CRYSTAL FALLS MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 86

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
6	M6	5		55	northern hardwood	unevenaged	selection	1			
8	M6	5		55	northern hardwood	unevenaged	selection	1			
40	M6	15		60	northern hardwood	unevenaged	thinning	1			
comnts Fmd : BAND (E/W) OF ALMOST PURE BIRCH ON NORTH END											
54	M6	5		55	northern hardwood	unevenaged	selection	1		stand with fdf potential	
comnts Fmd : E&W DRAINAGES APROX 5 CH APART, CLOSE TO E TYPES MARGINAL											
59	M6	36		55	northern hardwood	unevenaged	selection	1		stand with fdf potential	
comnts Fmd : E&W DRAINAGES APROX 5 CH APART, CLOSE TO E TYPES MARGINAL											
61	M6	15		55	northern hardwood	unevenaged	selection	1		stand with fdf potential	
comnts Fmd : E&W DRAINAGES APROX 5 CH APART, CLOSE TO E TYPES MARGINAL											
Total Acres.....		81									

**Proposed Treatments
With Limiting Factors**

Compartment: 86

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

