



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

**COMPARTMENT # 66 ENTRY YEAR 2008
Compartment Acreage: 2171 County: Dickinson**

Revision Date: 09-21-2006

Stand Examiner: Terry Cryderman

Legal Description: T42N R28W Sec. 11-14, 23, 24

Management Goals: Develop age class distribution in aspen type. Maintain diversity in hardwood types. Increase conifers where possible.

Soil and Topography: Rolling hills to swamps.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State owned land and private ownership used by loggers, hunters and fishermen.

Unique, Natural Features: East branch of Skunk Creek.

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 66: Sections 11 - 14, 23 & 24, T42N-R28W, Dickinson Co.

Surface sediments consist of medium and coarse-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Cambrian Munising and Precambrian Archean Volcanics and sedimentary rocks subcrop below the glacial drift. There is no current economic use for these rocks. The Groveland Iron mine is located approximately ten miles to the southwest. Sections 11 – 14 are currently leased for metallic exploration. Gravel pits are located to the south and there is potential. There is no economic oil and gas production in the UP.

Vehicle Access: Skunk Creek road.

Survey Needs: Four corners requested.

Recreational Facilities and Opportunities: Hunting, fishing and dispersed camping.

Fire Protection: Felch protection area.

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: 66

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		183	120	8	45			110	182	185									833
Cedar									133	128									261
Grass	53																		53
LowInd Brush	147																		147
LowInd Poplr				5		49													54
Swamp Hrdwds									5										5
Upland Hdwds								63											755
Total	200	183	120	13	45	49		173	320	313								755	2171

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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: 66

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	833																										833
C Cedar				261																							261
G Grass					53																						53
L Lowlnd Brush									147																		147
P Lowlnd Poplr										54																	54
E Swamp Hrdwds																				5							5
M Upland Hdwds																									818		818
Total	833			261	53				147	54										5					818		2171

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **66**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	25303 Cds	Hardwood	7001 Cds
Hardwood	2527 Mbf	Hardwood	136 Mbf
Softwood	9719 Cds	Softwood	1780 Cds
Softwood	107 Mbf	Sum CutVol	9053 Cds
Sum TotVol	40290 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	468
2171			

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 66

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
12	A6	104	81	60	aspen (upland)	old growth (potential or actual)	final harvest	2		
comnts Fmd : SCA Deeryard. Northern tip of this stand is in deeryard. One acre ash inclusion will be painted out of timber sale. Per minireview winter cut only and cut no ash.										
15	M6	14	66	50	northern hardwood	immature	final harvest	2		
comnts Fmd : A lot of clumps, heavy to soft maple and lacks quality. Black ash strip 20 feet wide in stand. Leave the ash. Per minireview winter cut and aspen would be an acceptable regeneration alternative.										
16	M6	18	66	50	northern hardwood	immature	shelterwood-seed	2		
19	M6	59		60	northern hardwood	unevenaged	thinning	2		prescribed for fdf treatment
comnts Fmd : FDF.										
31	A6	61	80	60	aspen (upland)	old growth (potential or actual)	final harvest	2		
comnts Fmd : SCA Deeryard. Per minireview- leave transition along the north side and winter cut.										
32	A6	15	80	60	aspen (upland)	old growth (potential or actual)	final harvest	2		
comnts Fmd : SCA Deeryard.										
34	A6	5	80	60	aspen (upland)	old growth (potential or actual)	final harvest	2		
comnts Fmd : SCA Deeryard.										
49	M9	185		60	northern hardwood	old growth (potential or actual)	thinning	2		prescribed for fdf treatment
comnts Fmd : SCA Deeryard. FDF. Per minireview leave some conifer and be aware of vernal ponds.										
51	M6	7		60	northern hardwood	old growth (potential or actual)	thinning	2		stand with fdf potential
comnts Fmd : SCA Deeryard. FDF.										
400	G0	8			grass	nonstocked		0	opening maintenance	
401	G0	6			grass	nonstocked		0	opening maintenance	
402	G0	3			grass	nonstocked		0	opening maintenance	
403	G0	4			grass	nonstocked		0	opening maintenance	
404	G0	4			grass	nonstocked		0	opening maintenance	
405	G0	6			grass	nonstocked		0	opening maintenance	

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 66

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
406	G0	6			grass	nonstocked		0	opening maintenance		
407	G0	3			grass	nonstocked		0	opening maintenance		
408	G0	7			grass	nonstocked		0	opening maintenance		
409	G0	2			grass	nonstocked		0	opening maintenance		
410	G0	4			grass	nonstocked		0	opening maintenance		
Total Acres.....		521									

**Proposed Treatments
With Limiting Factors**

Compartment: 66

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

