



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

**COMPARTMENT # 17 ENTRY YEAR 2008
Compartment Acreage: 3602 County: Dickinson**

Revision Date: 09/19/2006

Stand Examiner: Terry Cryderman

Legal Description: T44N R28W Sec. 9-11,13-17,20-26.

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 (include only non-site specific and non-sensitive information): Schwartz Creek, McGregor Creek and West Branch of the Escanaba River.

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:

Surface sediments consist of medium-textured glacial till. There is insufficient data to determine the glacial drift thickness. The Cambrian Munising Formation and Archean granite/gneiss subcrop below the glacial drift. There is not a current economic use for these rocks, although they have building/dimension stone potential. Republic Iron mine is located approximately fourteen miles to the northwest. Gravel pits are not located in the area, but there could be potential. Part of this area was previously leased for metallic exploration and potential may still exist. There is no economic oil and gas production in the UP.

Vehicle Access: Schwartz Creek road and McGregor Creek road.

Survey Needs:None

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: 17

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS																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		All Aged
Aspen		198	422	186	114	121	230	149	95	46									1561
Black Spruce									15										15
Cedar									94	10	921		65						1090
Grass	40																		40
LowInd Brush	74																		74
LowInd Poplr						9													9
Red Pine																		8	8
Spruce Fir			10					9		15									34
Upland Hdwds																		611	611
White Pine									27									133	160
Total	114	198	432	186	114	130	230	158	231	71	921		65					752	3602

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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: 17

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	1561																										1561
S Black Spruce		15																									15
C Cedar				1090																							1090
G Grass					40																						40
L LowInd Brush									74																		74
P LowInd Poplr										9																	9
R Red Pine																8											8
F Spruce Fir																			34								34
M Upland Hdwds																								611			611
W White Pine																										160	160
Total	1561	15		1090	40				74	9						8			34					611		160	3602

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: 17

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	23985 Cds	Hardwood	7274 Cds
Hardwood	1475 Mbf	Hardwood	316 Mbf
Softwood	26845 Cds	Softwood	1105 Cds
Softwood	1103 Mbf	Softwood	14 Mbf
Sum TotVol	55986 Cds	Sum CutVol	9039 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
3602		721	

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 17

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
7	M6	526		60	northern hardwood	unevenaged	thinning	2		prescribed for fdf treatment	
comnts Fmd : Leave Oak, White Pine and Hemlock. Leave representatives of Spruce and Balsam.											
8	F6	12	84	65	spruce-fir (uplands-including upland black spruce)	mature	final harvest	2			
comnts Fmd : Management objectiveis fir but aspen andmaple are also acceptable regeneration to make a mixed stand. This is a diverse stand.Review retention guidelines regaurding leavingWhite Pine when the guidelines come out.											
10	A6	10	75	55	aspen (upland)	mature	final harvest	2			
14	A6	17	70	50	aspen (upland)	mature	final harvest	2			
comnts Fmd : Vernal pond in stand. Leave vernal pond buffer.Leave Red and White Pine.											
21	F6	9	62	58	spruce-fir (uplands-including upland black spruce)	mature	thinning	2			
comnts Fmd : Aspen removal from stream buffer. Per minireview leave an occasional Aspen representative.											
22	A6	35	62	58	aspen (upland)	mature	final harvest	2			
comnts Fmd : North slope is steep. Leave White Pine.											
30	A6	32	80	55	aspen (upland)	mature	final harvest	2			
comnts Fmd : Per minireview cut/leave decision will be moved up.											
52	A6	68	75	46	aspen (upland)	mature	final harvest	2			
comnts Fmd : Consider 200 foot buffer instead of 300 feet. Very little slope to stream and the 200 foot buffer is mostly conifer.											
56	A6	12	83	50	aspen (upland)	mature	final harvest	2			
comnts Fmd : Very little use on walking trail. Per minireview should walking trail be abandoned?											
400	G0	7			grass	nonstocked		0	opening maintenance		
401	G0	4			grass	nonstocked		0	opening maintenance		
402	G0	2			grass	nonstocked		0	opening maintenance		
403	G0	4			grass	nonstocked		0	opening maintenance		
404	G0	8			grass	nonstocked		0	opening maintenance		
405	G0	15			grass	nonstocked		0	opening maintenance		
Total Acres.....		761									

**Proposed Treatments
With Limiting Factors**

Compartment: 17

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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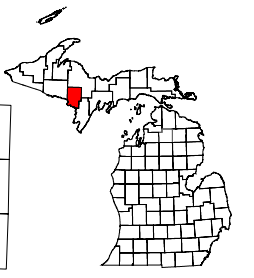
TREATMENT LIMITING FACTORS:

Total Acres..... 0

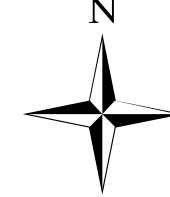

Field Map

Compartment 17
 T44N, R28W, Sec. 9-11, 13-17, 20-26
 County: Dickinson
 Unit: Crystal Falls
 YOE: 2008
 Acres: 3,602 GIS Calculated
 Stand Examiner: Terry Cryderman
 Map Revised: 10/6/2006
 Map Phase: Pre-review














	9	10	11	
17	16	15	14	13
20	21	22	23	24
		26	25	

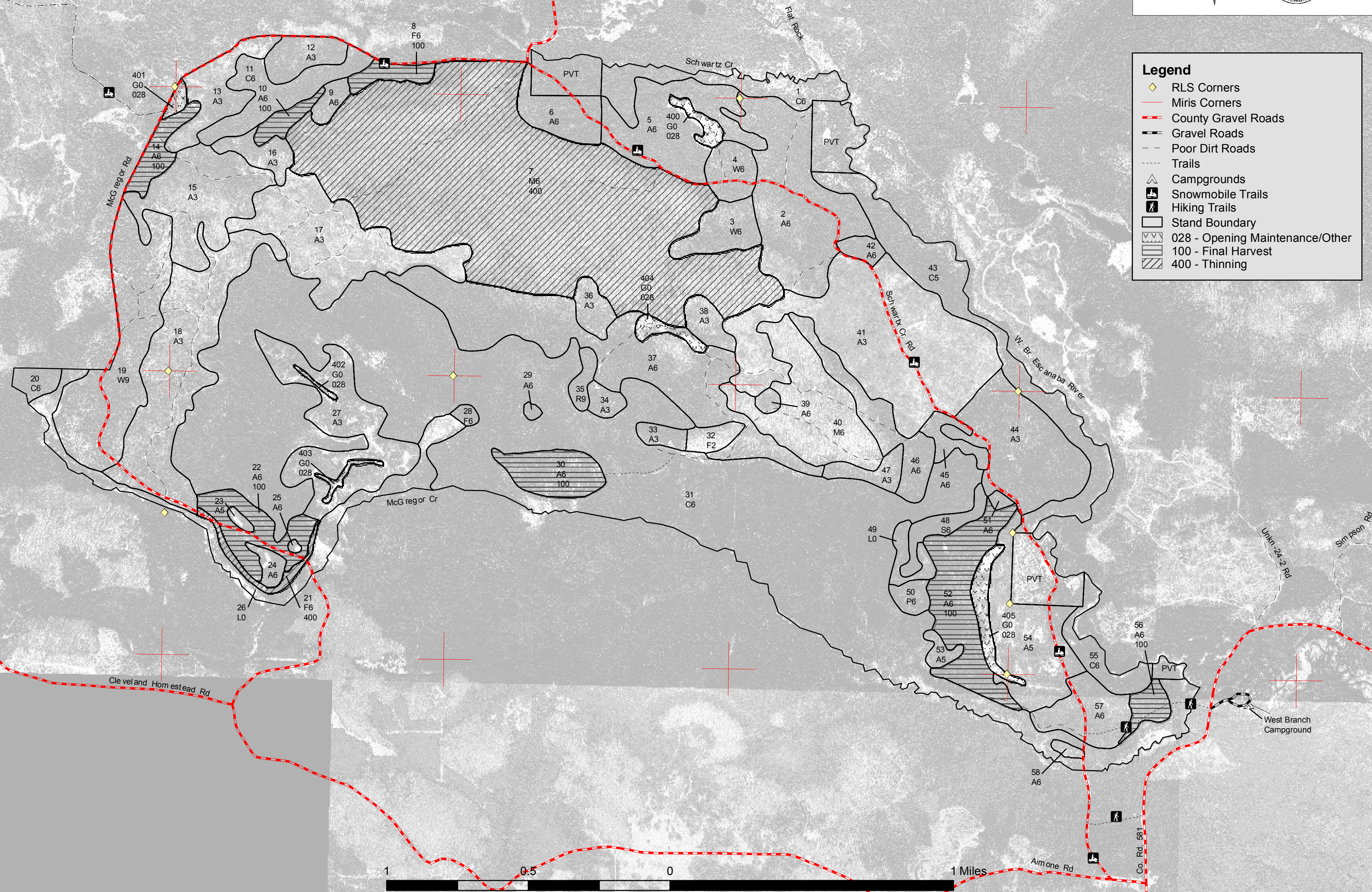


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Legend

-  RLS Corners
-  Miris Corners
-  County Gravel Roads
-  Gravel Roads
-  Poor Dirt Roads
-  Trails
-  Campgrounds
-  Snowmobile Trails
-  Hiking Trails
-  Stand Boundary
-  028 - Opening Maintenance/Other
-  100 - Final Harvest
-  400 - Thinning



West Branch
 Campground