



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

**COMPARTMENT # 35 ENTRY YEAR 2009
Compartment Acreage: 2350 County: Dickinson**

Revision Date: 07/16/07

Stand Examiner: Terry Cryderman

Legal Description: T43N R28W Sec. 1,2,3,4 and T44N R28W Sec.33 and 34.

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): North Branch of Ford River and the North Branch of the North Branch of Ford 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 the Precambrian 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. Abandoned iron mines are located approximately ten miles to the south, near Felch. Gravel pits are not located in this area, but there should be potential on the uplands. This Compartment was not previously leased for metallic exploration, but potential may still exist. There is no economic oil and gas production in the UP.

Vehicle Access: Aimone and Vicenzie roads.

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: 35

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	(acres shown in boxes)																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		12	36	62	243	369				51									773
Cedar										167	80		9						256
Grass	159																		159
Lowlnd Brush	203																		203
Lowlnd Poplr		21		16					37										74
Marsh	7																		7
Mx Swmp Cnfr									186										186
Spruce Fir					15				18										33
Upland Hdwds									659										659
Total	369	33	36	78	258	369			900	218	80		9						2350

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **35**

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	773																										773
C Cedar				256																							256
G Grass					159																						159
L Lowlnd Brush									203																		203
P Lowlnd Poplr										74																	74
N Marsh											7																7
Q Mx Swmp Cnfr												186															186
F Spruce Fir																			33								33
M Upland Hdwds																								659			659
Total	773			256	159				203	74	7	186							33					659			2350

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **35**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	27606 Cds	Hardwood	5854 Cds
Hardwood	628 Mbf	Softwood	555 Cds
Softwood	9669 Cds	Sum CutVol	6409 Cds
Softwood	191 Mbf		
Sum TotVol	38913 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	424
2350			

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 35

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
23	F6	18	70	50	spruce-fir (uplands-including upland black spruce)	mature	final harvest	2		
comnts Fmd : This is the transition from swamp to hardwood; a diverse mix of species including aspen, spruce, fir, hardwood would be an acceptable regeneration alternative. In-stand retention will be on the south side of stand next to the cedar type.										
25	P6	15	72	60	balsam poplar & swamp aspen and swamp white birch	mature	final harvest	2		
comnts Fmd : Spring seep comes into this stand from the north. Spruce/fir/hardwood regeneration would be acceptable alternative to balm of gilead/aspen. In-stand retention will be on the south side of the stand next to the cedar type.Pre-review comments: East 1/2 of stand is a drainage. Wildlife doesn't support cutting east 1/2 of stand.										
33	A6	80	42	60	aspen (upland)	immature	final harvest	2		
comnts Fmd : Favor and perpetuate aspen. No retention.										
34	M6	260	77	58	northern hardwood	immature	thinning	2		prescribed for fdf treatment
comnts Fmd : Retention will be about 67% of stand in a variety of diameters and species.										
43	A6	51	82	55	aspen (upland)	mature	final harvest	2		
comnts Fmd : 5/07: Recommend winter cut & access from the west. In-stand retention will be the portion of the stand within 300 feet of the north branch of the ford river.										
Total Acres.....		424								

**Proposed Treatments
With Limiting Factors**

Compartment: 35

Entry Year: 2009

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

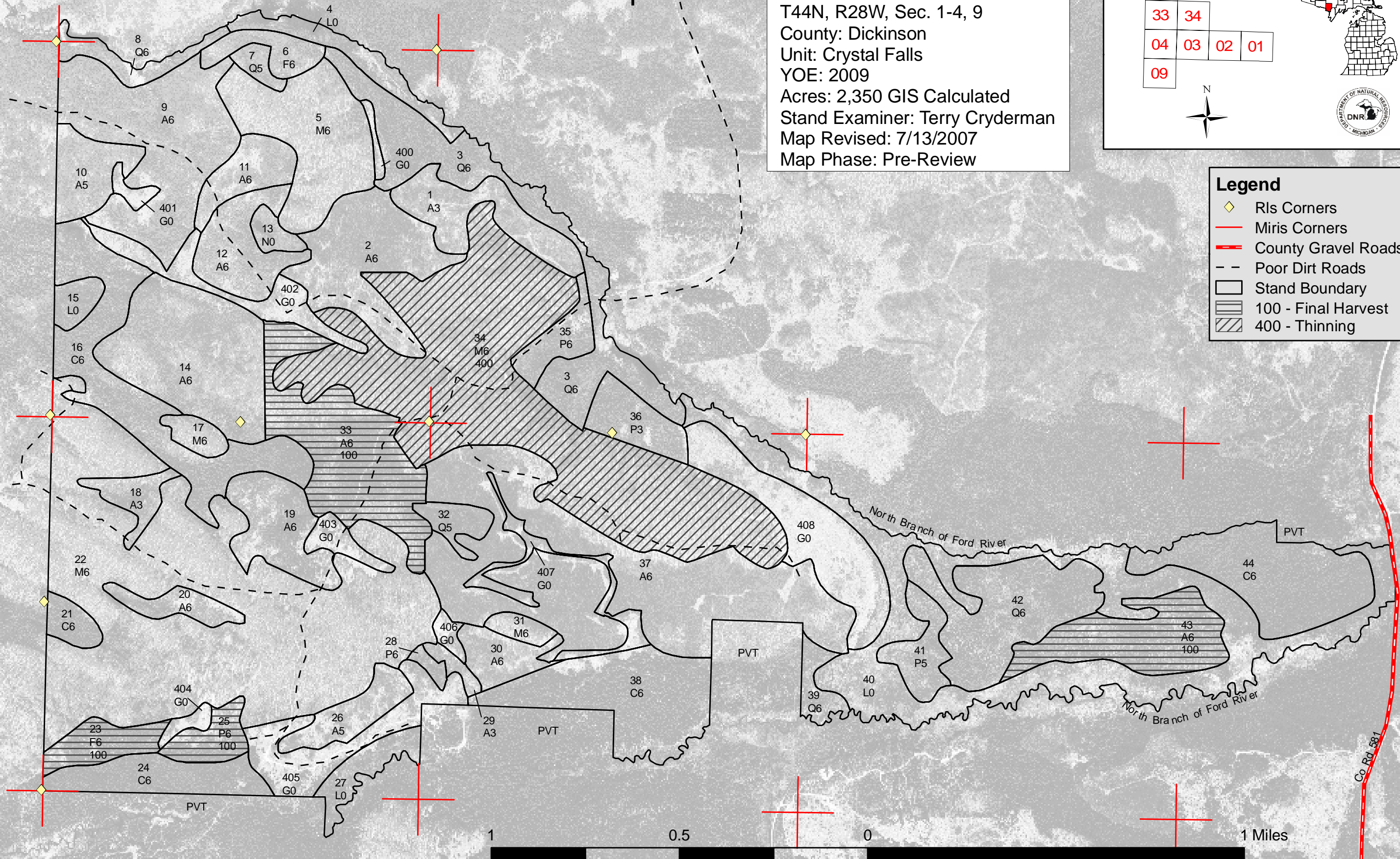
Compartment 35
 T43N, R28W, Sec. 28, 33, 34
 T44N, R28W, Sec. 1-4, 9
 County: Dickinson
 Unit: Crystal Falls
 YOE: 2009
 Acres: 2,350 GIS Calculated
 Stand Examiner: Terry Cryderman
 Map Revised: 7/13/2007
 Map Phase: Pre-Review

28			
33	34		
04	03	02	01
09			

Legend

-  RIs Corners
-  Miris Corners
-  County Gravel Roads
-  Poor Dirt Roads
-  Stand Boundary
-  100 - Final Harvest
-  400 - Thinning



Co Rd 581