



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

**COMPARTMENT # 14 ENTRY YEAR 2009
Compartment Acreage:2256 County: Dickinson**

Revision Date: 07/16/07

Stand Examiner:Terry Cryderman

Legal Description: T44N R28W Sec.7,8,9,17&18.

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 used by loggers, hunters and fishermen.

Unique, Natural Features (include only non-site specific and non-sensitive information):Oneil and Vanderlin lakes, McGregor and Schwartz Creeks.

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 Precambrian Archean granite/gneiss subcrops 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 twelve miles to the northwest. Gravel pits are not located in the area, but there could be potential. 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, McGregor Creek and Oneil Lake 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: 14

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	1026																										1026	
S Black Spruce		43																										43
C Cedar				545																								545
G Grass					31																							31
J Jack Pine							37																					37
L LowInd Brush									76																			76
P LowInd Poplr										24																		24
Q Mx Swmp Cnfr												29																29
B Paper Birch																										24	24	
R Red Pine																46												46
F Spruce Fir																			61									61
D Treed Bog																						20						20
M Upland Hdwds																									26			26
Z Water																									26			26
W White Pine																										242	242	
Total	1026	43		545	31		37		76	24		29			46				61			20		26	26	266	2256	

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

DICKINSON COUNTY

COMPARTMENT: **14**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9989 Cds	Hardwood	2727 Cds
Softwood	13793 Cds	Softwood	1081 Cds
Softwood	2038 Mbf	Sum CutVol	3808 Cds
Sum TotVol	27858 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	170
	2256		

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 14

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
7	J6	26	64	60	jack pine	mature	final harvest	2	planting		
comnts Fmd : , In stand retention along treed bog to the east & leave red pine and white pine. Cut-spray-plant. Pre-review comments: Clearcut,possibly burn and put in comments that we will accept Aspen and Pine for regeneration. Buffer stand 8 on south edge with 1-2 chains. No cutting or hauling during snowmobile season.											
12	J6	11	64	60	jack pine	mature	final harvest	2	planting		
comnts Fmd : Leave red pine, white pine for in-stand retention, which will be about 7% of stand. Cut-spray-plant. Pre-Review comments : No harvesting June 1- Oct. 1 due to wolf rendezvous location. No cutting or hauling during snowmobile season.											
21	R6	39	58	65	red pine	immature	thinning	2		prescribed for fdf treatment	
comnts Fmd : Red and White pine will be in stand retention, which will be about 54% of stand.											
27	B6	24	78	58	white pine	mature	final harvest	2			
comnts Fmd : 4/16/07: a diversity of regeneration would be acceptable: WP, RP, fir, maple & birch. Will leave RP, WP & oak which will serve as in stand retention, about 18% of stand. Pre-review comments: Summer log for scarification.											
36	A6	70	77	60	aspen (upland)	mature	final harvest	2			
comnts Fmd : 4/16/07: In-stand retention will be on north side of west finger. Pre-review comments: Protect cedar drainage on east edge of stand along boundary with stand 35.											
Total Acres.....		170									

**Proposed Treatments
With Limiting Factors**

Compartment: 14

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



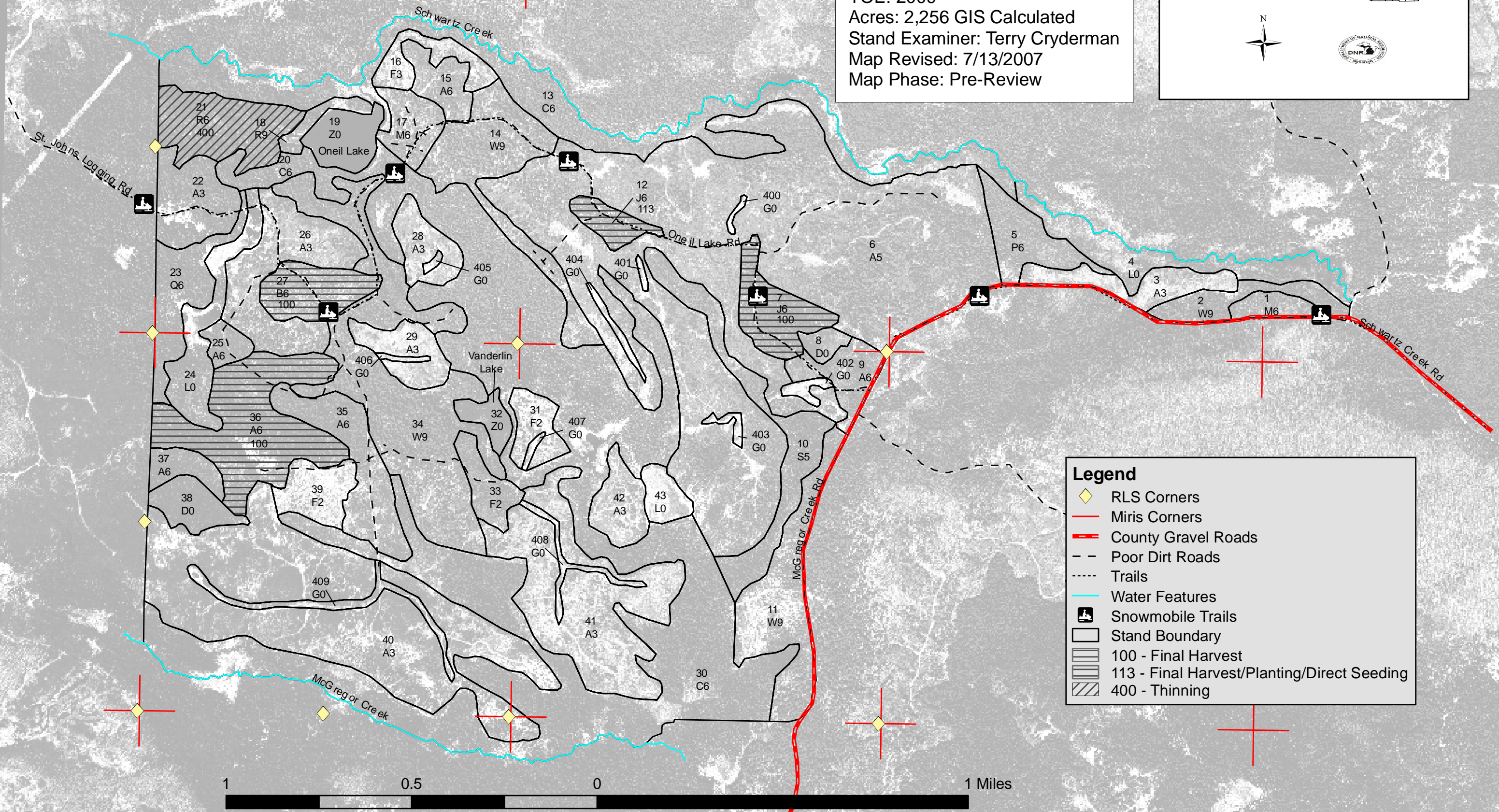
Field Map

Compartment 14
 T44N, R28W, Sec. 7-10, 17-20
 County: Dickinson
 Unit: Crystal Falls
 YOE: 2009
 Acres: 2,256 GIS Calculated
 Stand Examiner: Terry Cryderman
 Map Revised: 7/13/2007
 Map Phase: Pre-Review

07	08	09	10
18	17		
19	20		



N

Legend

-  RLS Corners
-  Miris Corners
-  County Gravel Roads
-  Poor Dirt Roads
-  Trails
-  Water Features
-  Snowmobile Trails
-  Stand Boundary
-  100 - Final Harvest
-  113 - Final Harvest/Planting/Direct Seeding
-  400 - Thinning

