



**CRYSTAL FALLS FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #149 ENTRY YEAR: 2008

Compartment Acreage: 974 County: IRON

Revision Date: 09/20/06

Stand Examiner: SCOTT SEBERO

Legal Description: T43N-R32W SECTION 3.
T44N-R32W SECTION 34.

Management Goals: Develop age class distribution in aspen type. Develop the quality while maintaining diversity in hardwood types. Maintain health of conifer types and increase acreage where possible. Maintain and improve road system.

Soil and Topography: Fine sandy loam with rolling hills to lowland swamps and drainages.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State lands mixed with company lands and private parcels. Lands used mainly for hunting and fishing.

Unique, Natural Features (include only non-site specific and non-sensitive information): Polliwog Lake, Michigamme Reservoir.

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 Resource and Development Concerns and/or Restrictions:

Surface sediments consist of thin to discontinuous glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Hemlock Formation and Intrusive subcrops below the glacial drift. There is not a current economic use for these rocks. The Crystal Falls abandoned iron mines are located four miles to the south. The compartment was previously leased and Section 34 is currently leased for metallic exploration. The nearest gravel pit is located several miles away and potential appears to be limited. There is no economic oil and gas production in the UP.

Vehicle Access: Rock Crusher Road, snowmobile trail and woods roads..

Survey Needs: 1 corner.

Recreational Facilities and Opportunities: Snowmobile trail runs through compartment.

Fire Protection:

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

IRON COUNTY

COMPARTMENT: 149

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		14	119	182			43	11		20									389
Black Spruce										16									16
Cedar										38	20								58
Grass	13																		13
LowInd Brush	13																		13
Mx Swmp Cnfr										217									217
Non Stocked	11																		11
Spruce Fir										46									46
Swamp Hrdwds										11									11
Treed Bog	6																		6
Upland Hdwds																		186	186
Water	8																		8
Total	51	14	119	182			43	11		348	20							186	974

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

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: 149

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	389																										389
S Black Spruce		16																									16
C Cedar				58																							58
G Grass					13																						13
L Lowlnd Brush									13																		13
Q Mx Swmp Cnfr												217															217
X Non Stocked													11														11
F Spruce Fir																			46								46
E Swamp Hrdwds																				11							11
D Treed Bog																							6				6
M Upland Hdwds																								186			186
Z Water																									8		8
Total	389	16		58	13				13			217	11					46	11			6		186	8	974	

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: 149

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	6900 Cds	Hardwood	2499 Cds
Hardwood	464 Mbf	Hardwood	107 Mbf
Softwood	4657 Cds	Softwood	593 Cds
Sum TotVol	12485 Cds	Sum CutVol	3306 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	175
974			

CRYSTAL FALLS FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 149 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	M6	11		60	northern hardwood	unevenaged	thinning	1		
14	F6	31	78	60	spruce-fir (uplands- including upland black spruce)	mature	final harvest	1		
comnts Fmd : Snowmobile trail runs through stand. If F-type doesn't regenerate, aspen will be acceptable. Unmerchantable spruce and balsam as well as all cedar and hemlock will be protected.										
15	A6	5	78	60	aspen (upland)	mature	final harvest	1		
16	M6	28		60	northern hardwood	unevenaged	thinning	1		
17	M9	34		60	northern hardwood	unevenaged	thinning	1		
21	M6	16		60	northern hardwood	unevenaged	thinning	1		
comnts Fmd : snowmobile trail runs through stand.										
24	A6	11	66	60	aspen (upland)	mature	final harvest	1		
29	M6	22		60	northern hardwood	unevenaged	thinning	1		
31	A6	9	78	65	aspen (upland)	mature	final harvest	1		
39	A6	4	78	60	aspen (upland)	mature	final harvest	1		
comnts Fmd : Stand will be marked with stand 16 and all cedar and ash will be saved.										
41	M6	2		60	northern hardwood	unevenaged	thinning	1		
comnts Fmd : Cut with stand 17.										
42	A6	2	78	65	aspen (upland)	mature	final harvest	1		
comnts Fmd : Cut with stand 17.										
Total Acres.....		175								

**Proposed Treatments
With Limiting Factors**

Compartment: 149 Entry Year: 2008

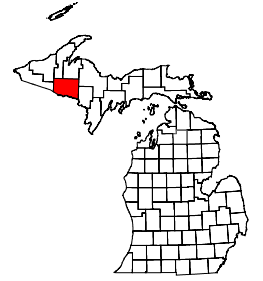
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 149
 T44N, R32W, Sec. 34
 T43N, R32W, Sec. 3
 County: Iron
 Unit: Crystal Falls
 YOE: 2008
 Acres: 974 GIS Calculated
 Stand Examiner: Scott Sebero
 Map Revised: 10/6/2006
 Map Phase: Pre-reivew



Legend

- Miris Corners
- County Gravel Roads
- Poor Dirt Roads
- Railroads
- Trail
- Snowmobile Trails
- Stand Boundary
- 100 - Final Harvest
- 400 - Thinning

