



**TRAVERSE CITY FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 148 ENTRY YEAR: 2008

Compartment Acreage: 1820 County: Kalkaska

Stand Examiner: Dave Johnson

Legal Description: T25N-R05W- Sections 25, 26 & 27

Management Goals: Kirtland's Warbler Habitat

Soil and Topography: Grayling Sand, Rubicon and Saugatuck Sand

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Almost complete and solid state ownership within and around the Compartment. Small 78 ac. private ownership in the Southwest corner of Section 26, multiple parcels.

Unique, Natural Features (include only non-site specific and non-sensitive information):

Warbler habitat

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None listed - old foundation in Section 27

Special Management Designations or Considerations: Fletcher Road Area, Unit #2 of the Kirtland's Warbler Management Plan.

Watershed and Fisheries Considerations: None

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: COMPARTMENT 148

Sections 25 - 27, T25N-R5W, Kalkaska County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the State. A gravel pit is located two miles to the north, but potential is good. This area is located two miles southwest of the Beaver Creek Field. Beaver Creek produces from the Devonian Richfield and Detroit River Formations and the Ordovician PdC. There are no leases currently in the Compartment, but leases are located to the north and west.

Vehicle Access: Comp has good road access with level terrain. No new roads needed and no road closures are required.

Survey Needs: None

Recreational Facilities and Opportunities: Cranberry Lake Snowmobile Trail runs along the west side of the Compartment in Section 27. Area heavily used for small game and deer hunting and bird watching.

Fire Protection:

Additional Compartment Information:

****** Cover type details, proposed treatments and stands designated as FDF are listed in the attached reports:**

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 on the attached compartment maps:**

Base feature information, stand numbers, cover types
Proposed treatments
Proposed road access system
Suggested potential old growth

11/02/2006 12:21:07 PM

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

PERE MARQUETTE STATE FOREST

TRAVERSE CITY FOREST MGT UNIT

KALKASKA COUNTY

COMPARTMENT: 148

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	113																										113
G Grass					16																						16
J Jack Pine							1196																				1196
N Marsh											6																6
R Red Pine																448											448
U Upland Brush																									41		41
Total	113				16		1196				6					448									41		1820

PERE MARQUETTE STATE FOREST

TRAVERSE CITY FOREST MGT UNIT

KALKASKA COUNTY

COMPARTMENT: **148**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	767 Cds	Softwood	512 Cds
Softwood	2243 Cds	Softwood	202 Mbf
Softwood	1666 Mbf	Sum CutVol	916 Cds
Sum TotVol	6342 Cds		
Total Cmpt Acres			
	1820	Acres Proposed For Cut.....	123
		Acres Meeting Silv Criteria.....	49
		Acres Not Meeting Silv Criteria....	1771
		Acres Unable to Determine Silv Criteria For.....	

TRAVERSE CITY FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 148 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
18	J6	28	66	50	jack pine	mature	final harvest	1		
comnts Fmd : Leave some scattered RP for visual										
19	R8	25	56	50	red pine	immature	delayed removal	1		
23	R9	63	66	55	red pine	mature	selection	1		
29	J5	7	66	46	jack pine	mature	final harvest	1		
comnts Fmd : Leave scattered RP & WP sawtimber for visual mgt. Dkj 2005.										

Total Acres..... 123

**Proposed Treatments
With Limiting Factors**

Compartment: 148

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
--------------	-----------------------	--------------	------------	-----------------------	--------------------	------------------	-----------------------	-----------------------------	--------------------------	-----------------------











TREATMENT LIMITING FACTORS:

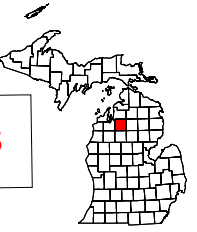
Total Acres..... 0

Compartment 148
 T25N, R05W, Sec. 25, 26, 27
 County: Kalkaska
 Unit: Traverse City
 YOY: 2008
 Acres: 1,820 GIS Calculated
 Stand Examiner: David Johnson
 Map Revised: 10/04/2006
 Map Phase: Pre-review

Field Map

Legend

-  Miris Corners
-  County Gravel Roads
-  Paved Roads
-  Gravel Roads
-  Trails
-  Snowmobile Trails
-  Stand Boundary
-  100 - Final Harvest
-  600 - Delayed Removal
-  800 - Selection



27

26

25

