



**SAULT FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 63 ENTRY YEAR: 2009

Compartment Acreage: 495

County: Chippewa

Revision Date: October 5, 2007

Stand Examiner: Jeff Wise, Jason Caron

Legal Description: T46N R6W Sec 7, 8

Management Goals: This new acquisition of 520 (495 GIS) acres will be managed as deer yard. The previous owner, MeadWestvaco, harvested several stands before the State acquired the land. No treatments are recommended for this compartment at this time.

Soil and Topography: Markey-Kinross-Croswell: Very deep, nearly level, very poorly drained to moderately well drained, mucky and sandy soils on outwash plains.

Ownership Patterns, Development, and Land Use in and Around the Compartment: With corporate land on the north side, State to the west, and Forest Service to the south and east, this smaller than average parcel was purchased with DRIP (Deer Range Improvement) funds and will be primarily managed as deer yard. Some of the new acquisition as well as the surrounding industry land have been actively managed for timber production for many years. Land use will include hunting and possibly trapping. 80 acres bordering the west side, also acquired in the transaction, will be managed by the Newberry Management Unit.

Unique, Natural Features: MNFI has been consulted and comments received regarding potential and documented T & E species.

Archeological, Historical, and Cultural Features: None known at this time

Special Management Designations or Considerations: Hulbert deer yard area. Stand 2 is a good candidate for Old Growth as it contains a full stocking of mature red maple, yellow birch, and hemlock with abundant hemlock regeneration.

Watershed and Fisheries Considerations: Fisheries Values: Minimal to None. Sections 7 & 8 form the northern border of an extensive wetland complex that protects the special trout fishery value of the East Branch Tahquamenon River. Creek #14 south of this compartment is designated as a trout stream.

Wildlife Habitat Considerations: This compartment was recently acquired and is composed of large areas of mature hemlock, yellow birch, and cedar providing idea cover and forage for wintering deer. Moose activity was documented within the area. Adjacent to the thick conifer cover is a regenerating stand where species such as hare or little brown bat could benefit from open areas adjacent to forested cover.

Northern hardwood management will focus on reserving large diameter trees and snags for cavity, den, and foraging habitat and future dead and down woody debris.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of peat & muck and minor end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River Groups subcrop below the glacial drift. These rocks are quarried for stone/dolostone elsewhere in the UP. Gravel pits are not located in the area, but there could be potential on the uplands. There is no current economic oil and gas production in the UP.

Vehicle Access: Various two tracks with access off M-123. The two roads into the compartment are gated and locked with both State and private locks. No public vehicle access at this time. One group of land owners has an easement to their property through the west access road.

Survey Needs: None at this time.

Recreational Facilities and Opportunities: No facilities. The compartment is open to public use for hunting, hiking, and possibly fishing. No public vehicle access at this time.

Fire Protection: Vehicle access is fair to good with two gates. Sault Management Unit lock has been linked with MeadWestvaco at the gate. Water sources are mostly local ponds and streams. The nearest good water source is the Taquamenon River approximately seven miles from the compartment.

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

LAKE SUPERIOR STATE FOREST

SAULT STE. MARIE MGT. UNIT

CHIPPEWA COUNTY

COMPARTMENT: 63

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not 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	Total
Aspen		37	2	48															87
Black Spruce											11								11
Marsh	75																		75
Swamp Hrdwds		72																231	303
Upland Hdwds		2																	2
Water	17																		17
Total	92	111	2	48							11							231	495

LAKE SUPERIOR STATE FOREST

SAULT STE. MARIE MGT. UNIT

CHIPPEWA COUNTY

COMPARTMENT: **63**

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	87																										87
S Black Spruce		11																									11
N Marsh											75																75
E Swamp Hrdwds																			303								303
M Upland Hdwds																								2			2
Z Water																									17		17
Total	87	11									75								303					2	17		495

LAKE SUPERIOR STATE FOREST

SAULT STE. MARIE MGT. UNIT

CHIPPEWA COUNTY

COMPARTMENT: **63**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Hardwood 1693 Cds	
Hardwood 93 Mbf	
Softwood 792 Cds	
Softwood 312 Mbf	
Sum TotVol 3295 Cds	
Total Cmpnt Acres	Acres Proposed For Cut..... 0
95	

**Proposed Treatments
With NO Limiting Factors**

Compartment: 63

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
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Total Acres..... 0

**Proposed Treatments
With Limiting Factors**

Compartment: 63

Entry Year: 2009

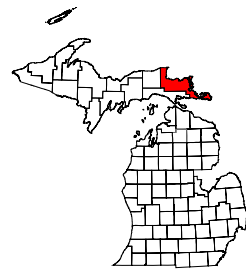
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

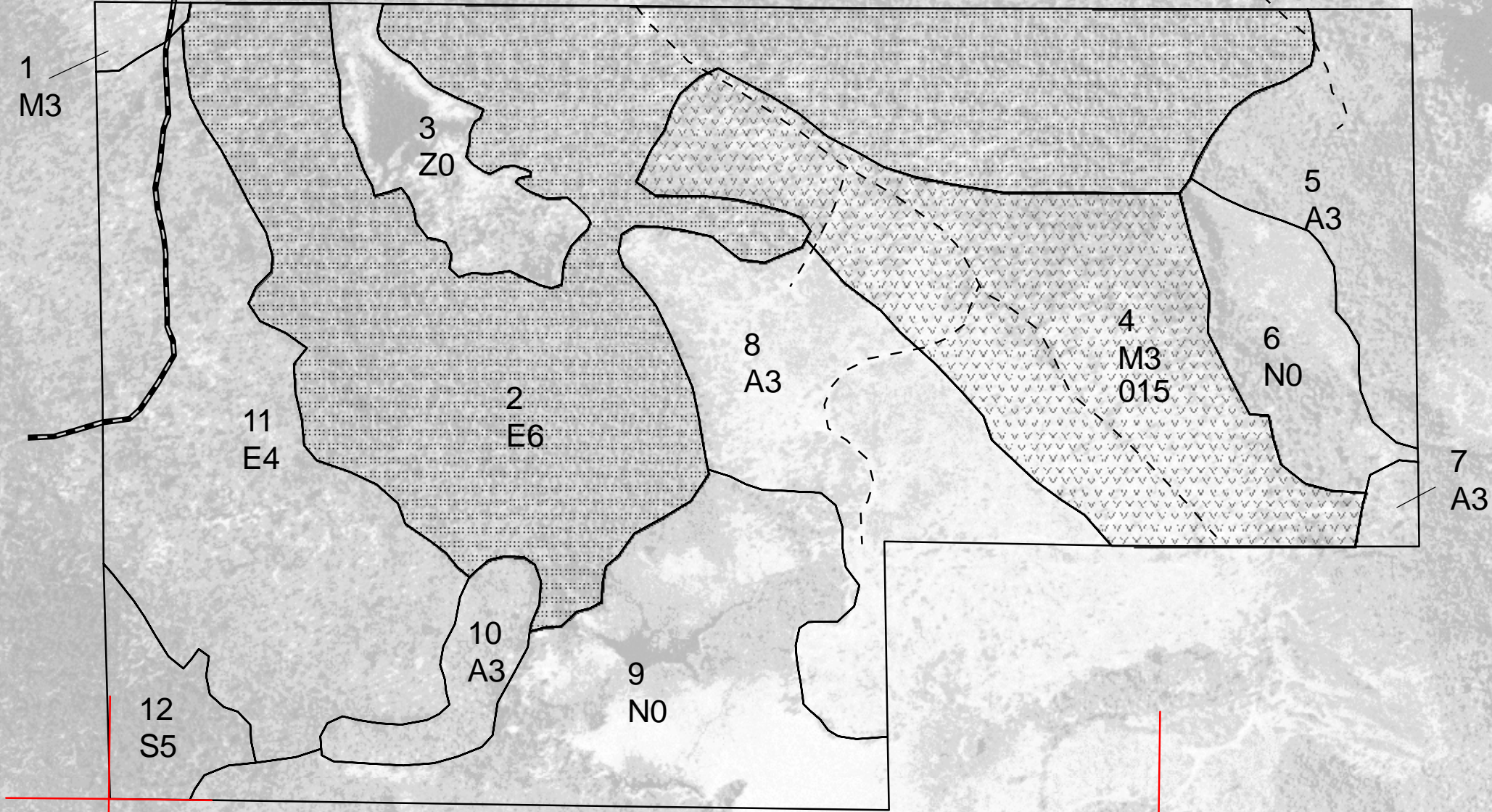


Total Acres..... 0

Field Map

Compartment 63
T46N, R06W, Sec. 7, 8
County: Chippewa
Unit: Sault Ste. Marie
YOE: 2009
Acres: 495 GIS Calculated
Stand Examiner: Jason Caron
Map Revised: 9/07/2007
Map Phase: Pre-review



07 08



Legend

- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Gates
- Stand Boundary
- Biodiversity/Old Growth
- 015 - Planting/Mechanical, other

