



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 118 ENTRY YEAR: 2010

Compartment Acreage: 1483 County: Presque Isle

Revision Date: October 16, 2008

Stand Examiner: Tim Paulus

Legal Description: T33N R02E Sec 6,7,8,17,18
T34N R02E Sec 31

RMU (if applicable):

Management Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan.

Soil and Topography: The topography of the compartment is mostly rolling. Soils are a mix of sands and clays.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Ownership around the compartment is mixed state and private. There are some agricultural lands to the north but most of the land is used for recreation.

Unique, Natural Features:

Some species are present.

Archeological, Historical, and Cultural Features.

None

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of coarse-textured glacial till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone and cement products near Alpena. A gravel pit is located in Section 7 and potential is good. This area has had drilling for Silurian Niagaran Reefs, with production occurring in the area. Additional drilling is possible. The Antrim Shale is not present. Part of the Compartment is leased for oil and gas development.

Vehicle Access:

The small rutted two-track that runs south off of Milligan Hwy just east of the Black River should be closed.

Survey Needs:

None.

Recreational Facilities and Opportunities:

No recreational Facilities.

Fire Protection:

Fire response to the compartment will be covered by the Onaway DNR office as well as the Onaway Fire Department.

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 118

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		39	140	3	59	47	2												290
Black Spruce										14									14
Cedar											187								187
Grass	25																		25
Jack Pine		17	18		21				28										84
LowInd Brush	180																		180
LowInd Poplr			31		5		8		5	18	46								113
Mx Swmp Cnfr					11	10				198		77	14						310
Non Stocked	8																		8
Oak									18		3								21
Red Pine							10				26		3						39
Swamp Hrdwds					3									127					130
Upland Brush	23																		23
White Pine								9			9	41							59
Total	236	56	189	3	99	57	20	9	51	230	271	118	17	127					1483

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

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ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 118

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	290																										290
S Black Spruce		14																									14
C Cedar				187																							187
G Grass					25																						25
J Jack Pine							84																				84
L LowInd Brush									180																		180
P LowInd Poplr										113																	113
Q Mx Swmp Cnfr												310															310
X Non Stocked													8														8
O Oak														21													21
R Red Pine															39												39
E Swamp Hrdwds																			130								130
U Upland Brush																								23			23
W White Pine																										59	59
Total	290	14		187	25		84		180	113		310	8	21		39				130				23		59	1483

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: **118**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3322 Cds	Hardwood	112 Cds
Hardwood	444 Mbf	Softwood	376 Cds
Softwood	9258 Cds	Softwood	32 Mbf
Softwood	844 Mbf	Sum CutVol	552 Cds
Sum TotVol	15156 Cds		
Total Cmpnt Acres		Acres Proposed For Cut.....	38
1483			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 118 **Entry Year: 2010**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
27	R6	10	49	52	red pine	immature	thinning	1		

comnts Fmd : ROW THIN. POOR STOCKING AND IRREGULAR ROWS IN PLACES. FOLLOW RETENTION GUIDE LINES.

36	J6	28	68	56	jack pine	mature	final harvest	2		
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comnts Fmd : CUT BOTH JACK AND ASPEN. CLOSE ROAD HEADING SOUTH.FOLLOW RETENTION GUIDELINES.

Total Acres..... 38

**Proposed Treatments
With Limiting Factors**

Compartment: 118

Entry Year: 2010

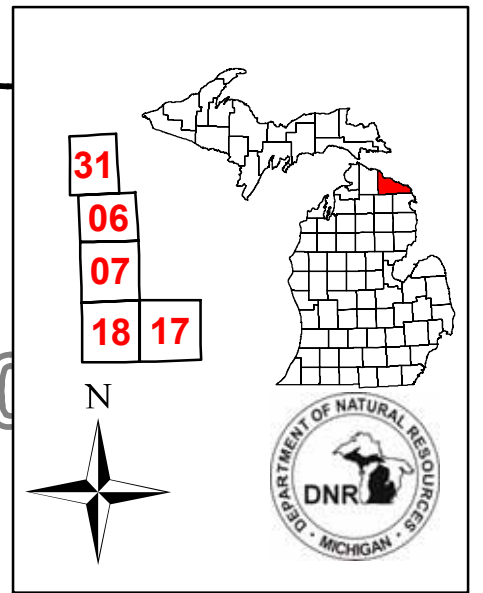
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

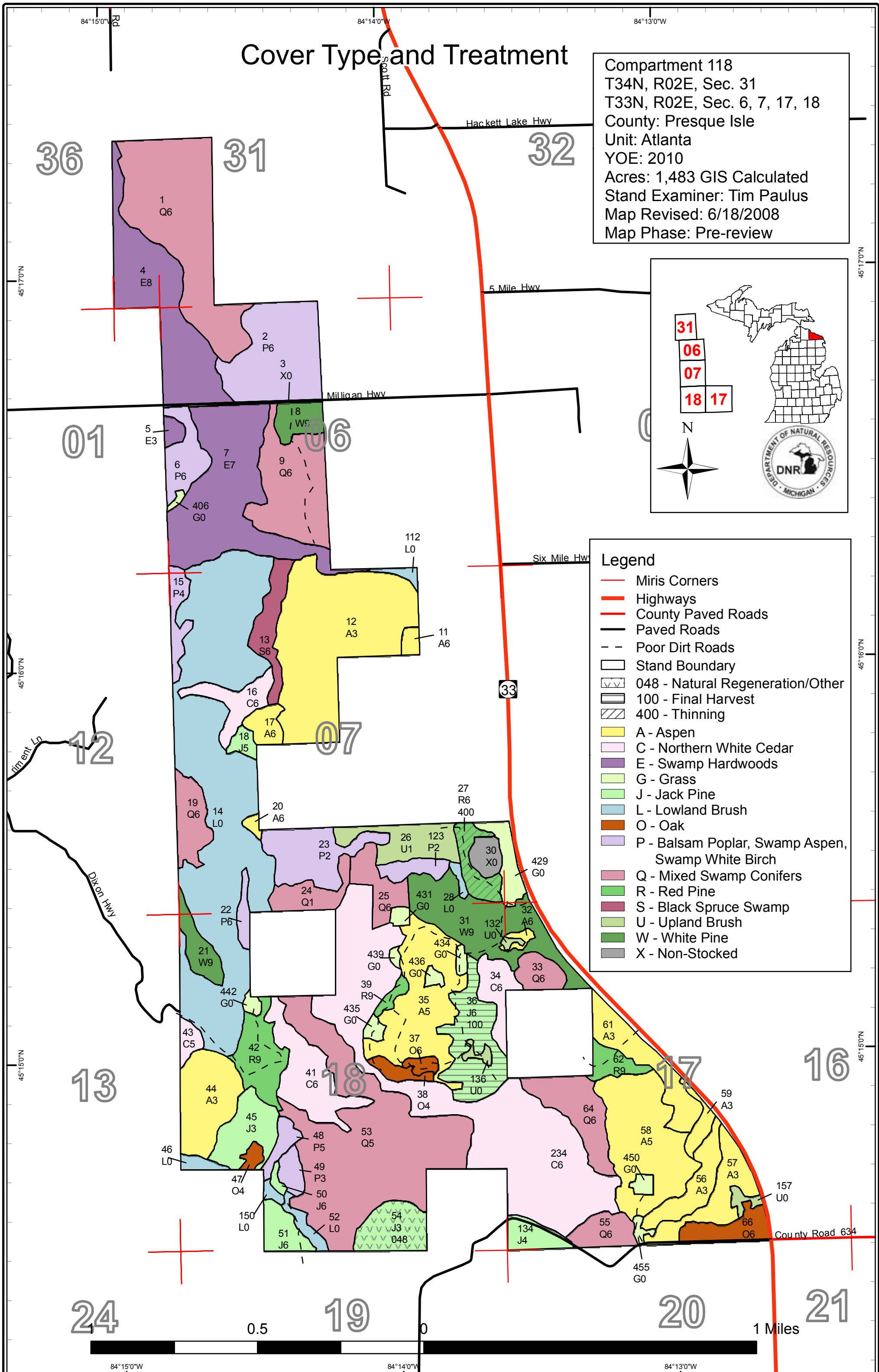
Cover Type and Treatment

Compartment 118
 T34N, R02E, Sec. 31
 T33N, R02E, Sec. 6, 7, 17, 18
 County: Presque Isle
 Unit: Atlanta
 YOY: 2010
 Acres: 1,483 GIS Calculated
 Stand Examiner: Tim Paulus
 Map Revised: 6/18/2008
 Map Phase: Pre-review



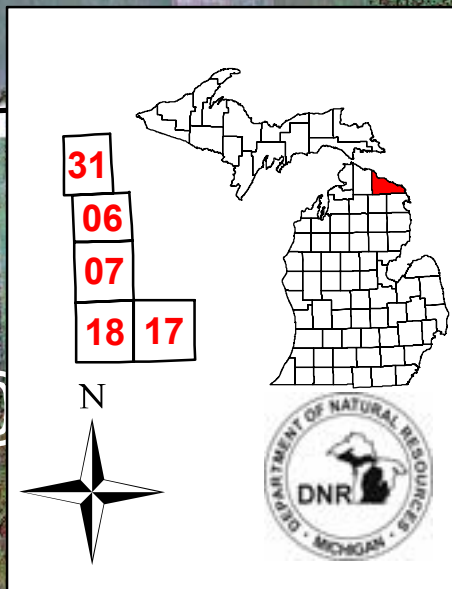
Legend

- Miris Corners
- Highways
- County Paved Roads
- Paved Roads
- - Poor Dirt Roads
- Stand Boundary
- 048 - Natural Regeneration/Other
- 100 - Final Harvest
- 400 - Thinning
- A - Aspen
- C - Northern White Cedar
- E - Swamp Hardwoods
- G - Grass
- J - Jack Pine
- L - Lowland Brush
- O - Oak
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q - Mixed Swamp Conifers
- R - Red Pine
- S - Black Spruce Swamp
- U - Upland Brush
- W - White Pine
- X - Non-Stocked



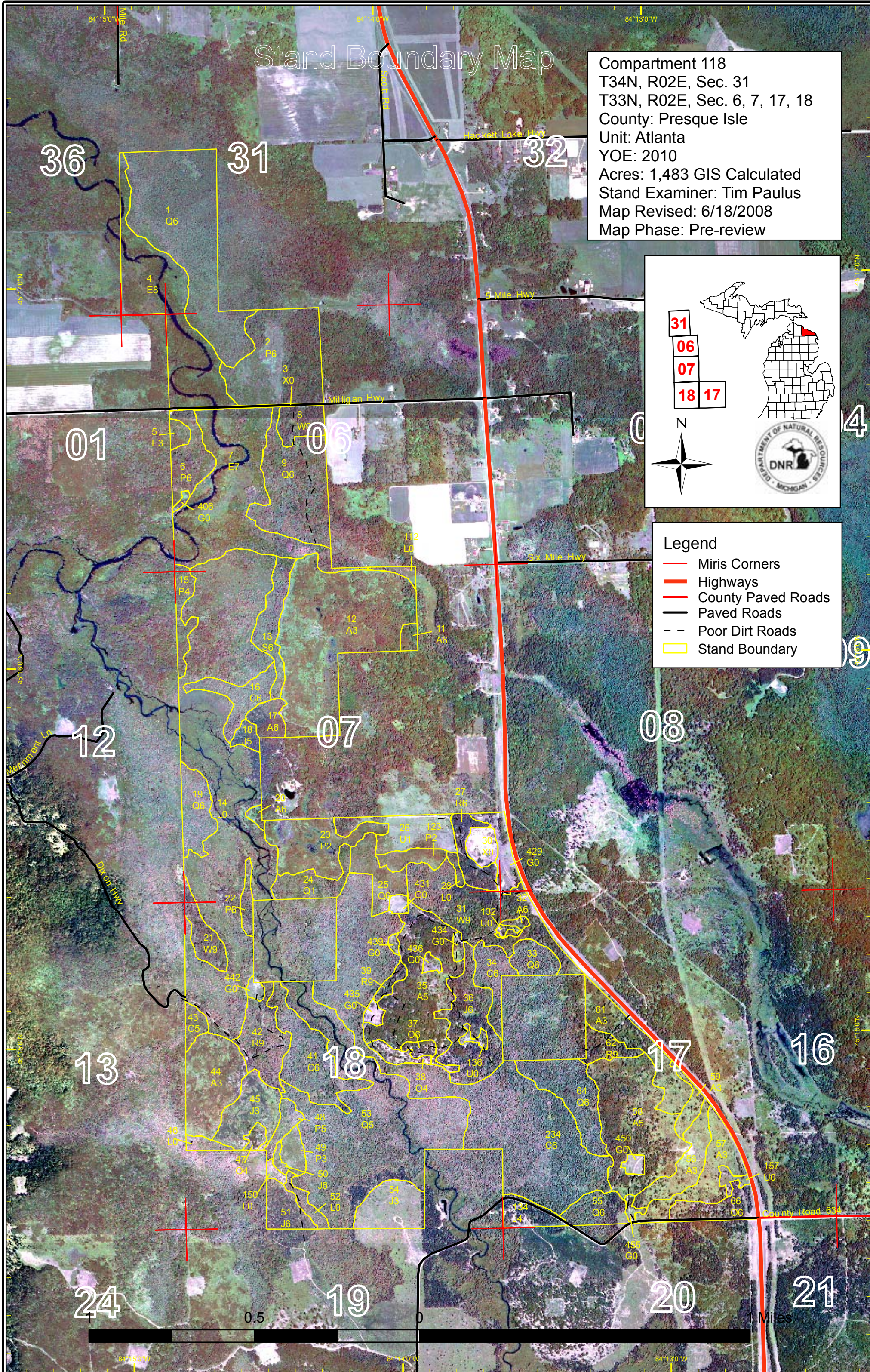
Stand Boundary Map

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T34N, R02E, Sec. 31
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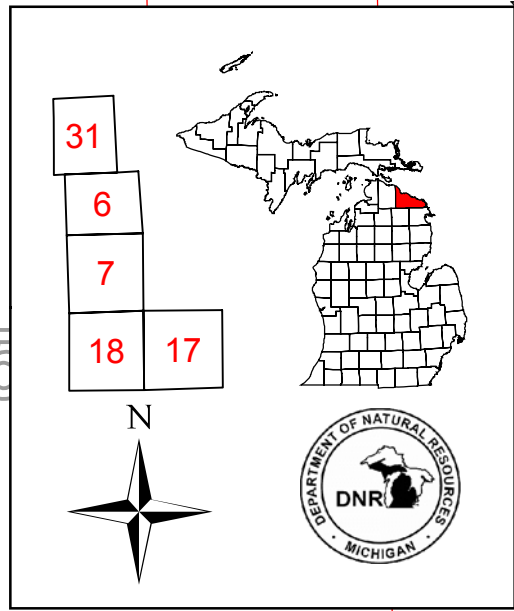
Legend

- Miris Corners
- Highways
- County Paved Roads
- Paved Roads
- Poor Dirt Roads
- Stand Boundary



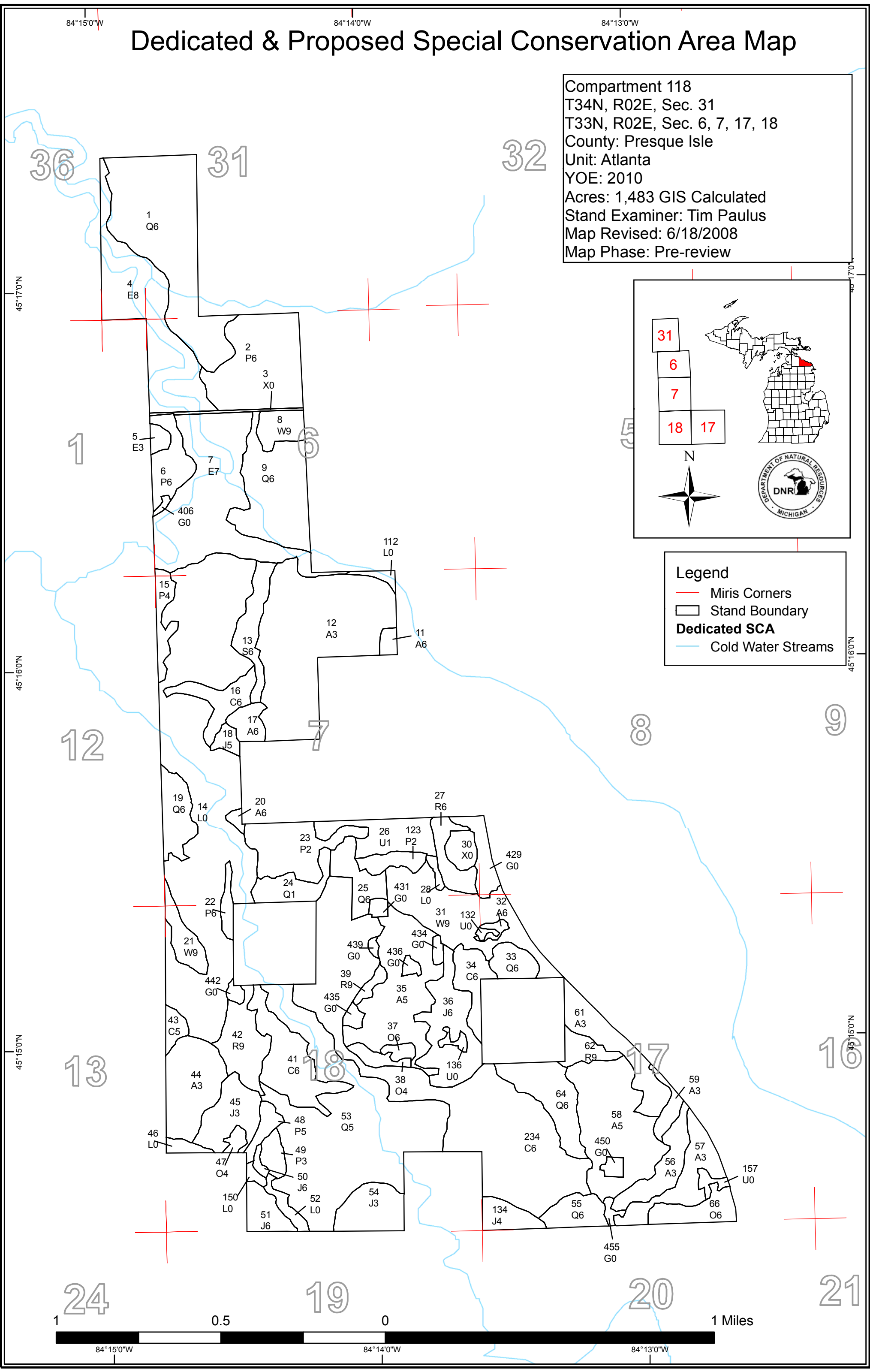
Dedicated & Proposed Special Conservation Area Map

Compartment 118
 T34N, R02E, Sec. 31
 T33N, R02E, Sec. 6, 7, 17, 18
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Legend

- Miris Corners
- Stand Boundary
- Dedicated SCA
- Cold Water Streams





DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.