



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 26 ENTRY YEAR: 2010

Compartment Acreage: 936

County: Montmorency

Revision Date: October 16, 2008

Stand Examiner: Cody Stevens

Legal Description: T30N R04E Secs 5-7, 9 & 18

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: This compartment is predominately low level ground. The entire compartment is dominated by aspen or aspen mixed stands on the higher sites and lowland conifer stands on low ground.

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

There are several blocks of this compartment with one parcels with no legal access. The compartment has some recreational use by ORVs & snowmobiles mainly for fishing and hunting.

Unique, Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features.

There is potential in and around the compartment.

Special Management Designations or Considerations:

None known.

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 till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift are the Devonian Berea Sandstone and Bedford and Antrim Shales. The Antrim is quarried for cement products elsewhere in the State. A gravel pit is located in Section 1 and potential is good on the upland areas. This area is mostly leased, has been drilled and is producing gas from the Antrim Shale.

Vehicle Access:

This compartment is accessed from M-33 and two tracks from Miller Creek Road. The access into the northern block off Miller Creek Road is in poor condition.

Survey Needs:

None known at this time.

Recreational Facilities and Opportunities:

There are many opportunities for hunting, fishing and wildlife viewing in the area.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Hillman 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**

8/22/2008 1:33:17 PM

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: 26

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
Cedar												66		52					118
LowInd Brush	120																		120
LowInd Poplr			108	113	37	152		3	12		2								427
Mx Swmp Cnfr				40				82		12		58							192
Non Stocked	2																		2
Spruce Fir							13												13
Swamp Hrdwds										26	4								30
Treed Bog	1																		1
Upland Brush	5																		5
Water	3																		3
White Pine										25									25
Total	131		108	153	37	152	13	85	12	63	6	124		52					936

8/22/2008 1:33:25 PM

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: 26

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
C Cedar				118																							118
L LowInd Brush									120																		120
P LowInd Poplr									427																		427
Q Mx Swmp Cnfr											192																192
X Non Stocked													2														2
F Spruce Fir																			13								13
E Swamp Hrdwds																				30							30
D Treed Bog																						1					1
U Upland Brush																							5				5
Z Water																									3	3	
W White Pine																										25	25
Total				118					120	427	192	2						13	30		1	5		3	25	936	

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

MONTMORENCY COUNTY

COMPARTMENT: **26**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3143 Cds	Hardwood	408 Cds
Hardwood	47 Mbf	Softwood	139 Cds
Softwood	4834 Cds	Sum CutVol	547 Cds
Softwood	176 Mbf		
Sum TotVol	8423 Cds		
Total Cmpnt Acres		Acres Proposed For Cut.....	40
	936		

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 26

Entry Year: 2010

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
33	P6	30	43	63	balsam poplar & swamp aspen and swamp white birch	immature	final harvest	1			
comnts Fmd : Clear Cut: Leave 3 % retention in any wet areas. Follow fish recommendations for buffer to north, include this area in retention. Leave any oak. Acceptable regen is any mix of aspen or hdwd.											
40	Q6	10	63	52	mixed swamp conifer	mature	final harvest	2			
comnts Fmd : Clear cut as much of stand as possible with sale in stand 33. Clear Cut, leave any oak if present and 1 small retention pocket out by M33. No other retention needed because stands to south will likely never be treated. Acceptable regen will be any mix of conifer or hdwd.											
Total Acres.....		40									

**Proposed Treatments
With Limiting Factors**

Compartment: 26

Entry Year: 2010

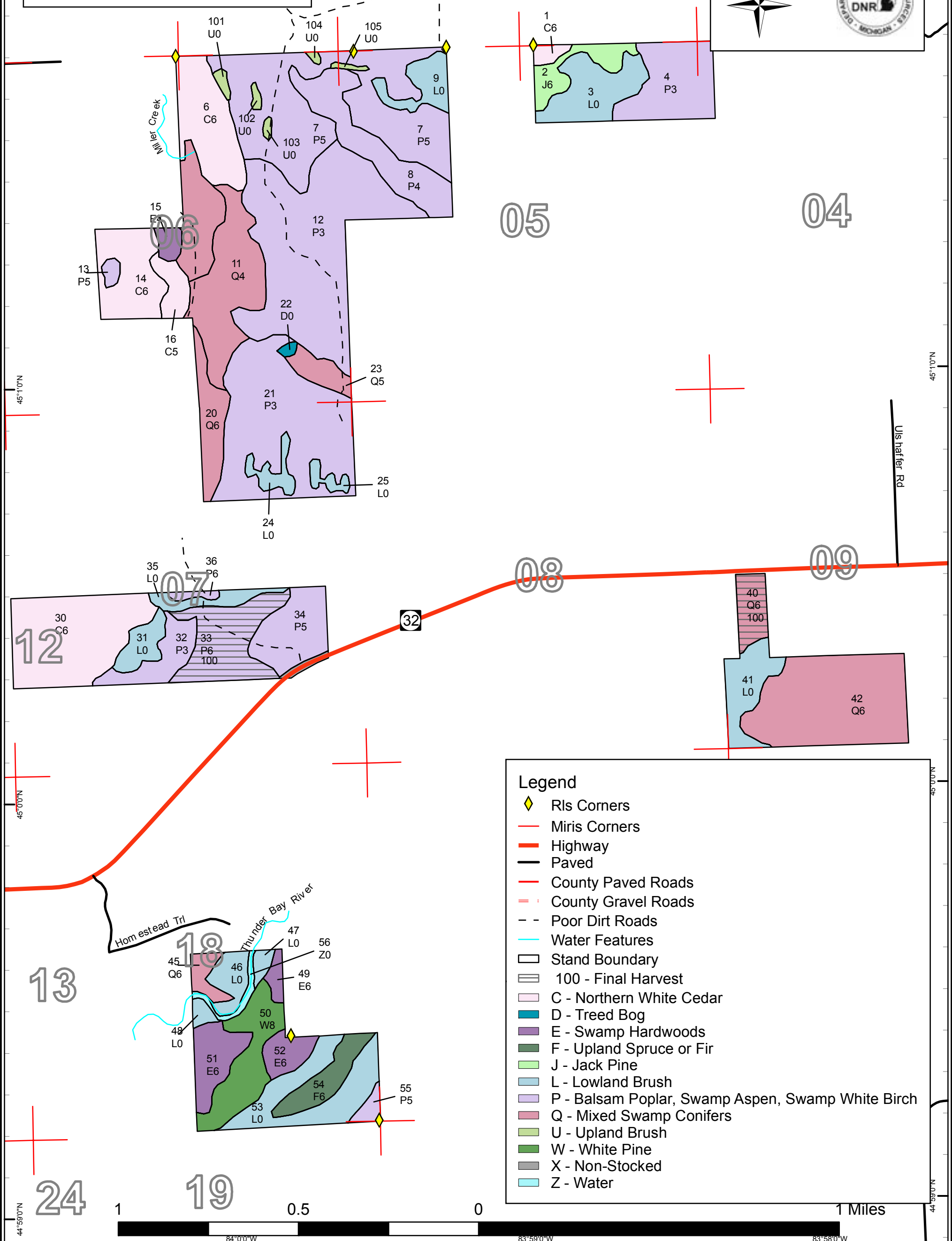
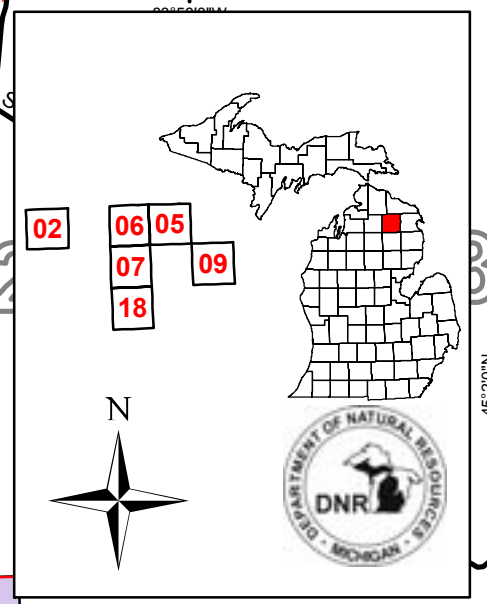
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
--------------	-----------------------	--------------	------------	-----------------------	--------------------	------------------	-----------------------	-----------------------------	--------------------------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

TREATMENT LIMITING FACTORS:

Total Acres..... 0

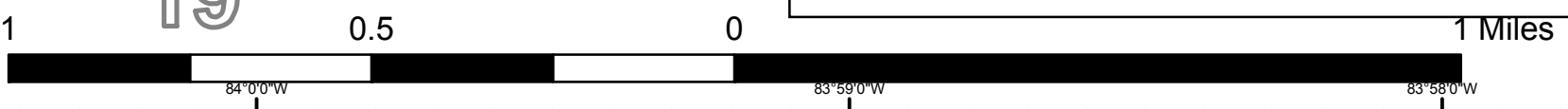
Compartment 26
 T30N, R03E, Sec. 2
 T30N, R04E, Sec. 5, 6, 7, 9, 18
 County: Montmorency
 Unit: Atlanta
 YOY: 2010
 Acres: 936 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/08/2008
 Map Phase: Pre-review

Cover Type and Treatment



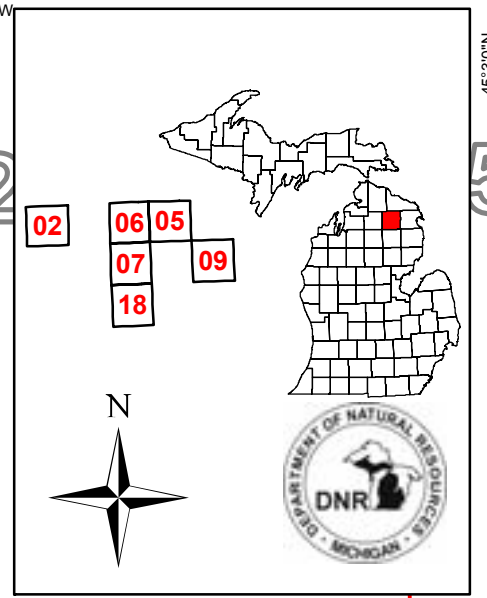
Legend

- RIs Corners
- Miris Corners
- Highway
- Paved
- County Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Water Features
- Stand Boundary
- 100 - Final Harvest
- C - Northern White Cedar
- D - Treed Bog
- E - Swamp Hardwoods
- F - Upland Spruce or Fir
- J - Jack Pine
- L - Lowland Brush
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q - Mixed Swamp Conifers
- U - Upland Brush
- W - White Pine
- X - Non-Stocked
- Z - Water



Compartment 26
 T30N, R03E, Sec. 2
 T30N, R04E, Sec. 5, 6, 7, 9, 18
 County: Montmorency
 Unit: Atlanta
 YOE: 2010
 Acres: 936 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/08/2008
 Map Phase: Pre-review

Cover Type and Treatment



27

2

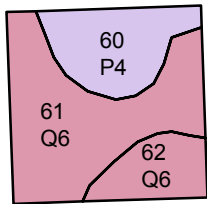
5

33

34

35

36



03

02

01

Pleasant Valley Rd

10

09

16

15

Legend

- RIs Corners
- Miris Corners
- Highway
- Paved
- County Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Water Features
- Stand Boundary
- 100 - Final Harvest
- C - Northern White Cedar
- D - Treed Bog
- E - Swamp Hardwoods
- F - Upland Spruce or Fir
- J - Jack Pine
- L - Lowland Brush
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q - Mixed Swamp Conifers
- U - Upland Brush
- W - White Pine
- X - Non-Stocked
- Z - Water

1 0.5 0 1 Miles

84°40'W 84°30'W 84°20'W

45°20'N

45°10'N

45°00'N

45°20'N

45°10'N

45°00'N

84°40'W

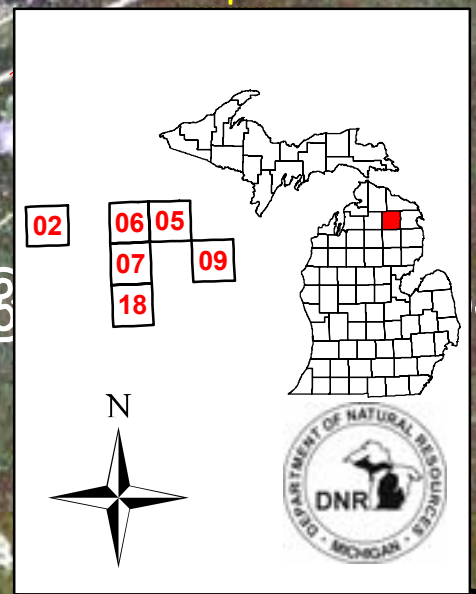
84°30'W

84°20'W

45°30'N

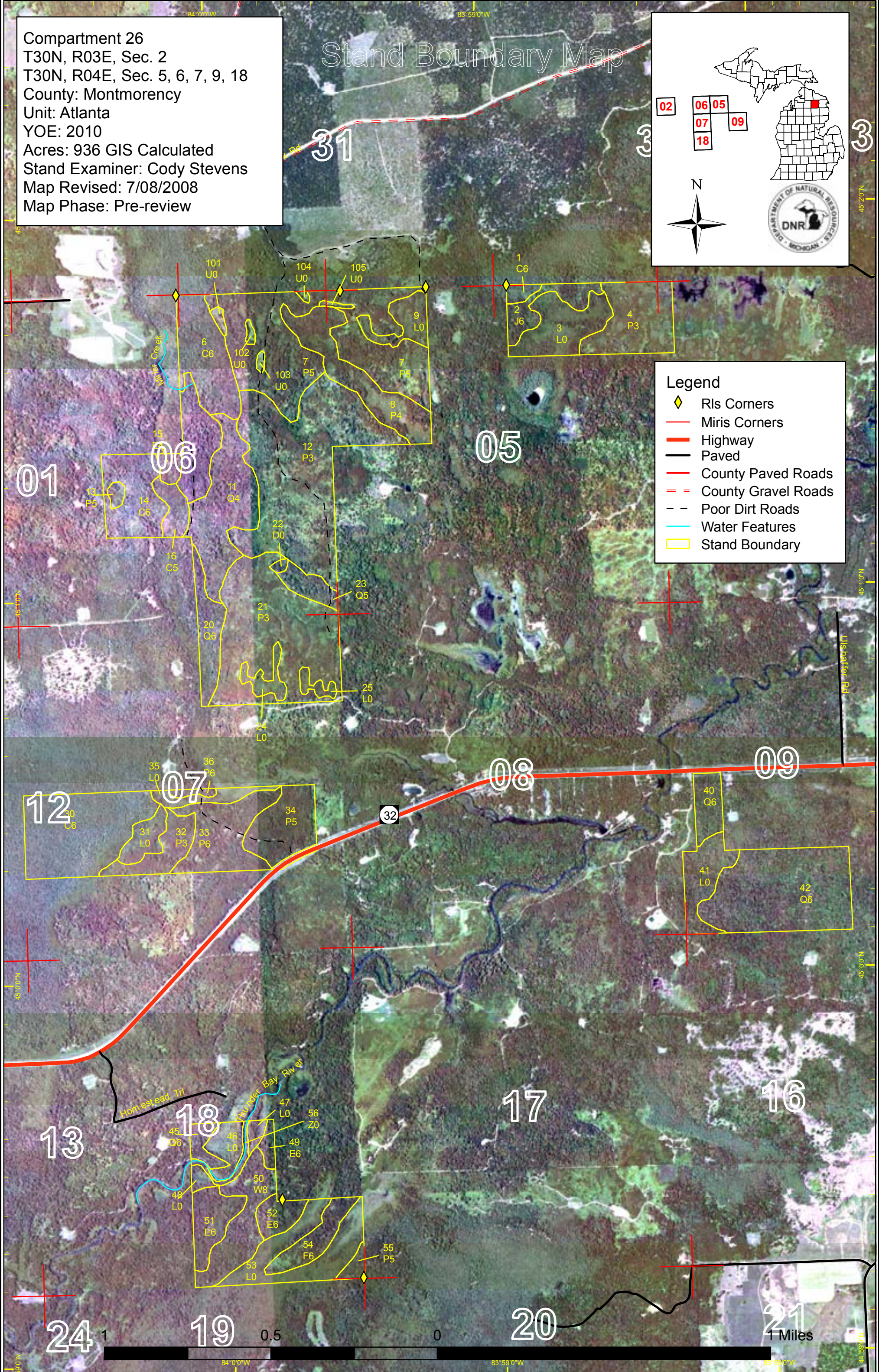
Compartment 26
 T30N, R03E, Sec. 2
 T30N, R04E, Sec. 5, 6, 7, 9, 18
 County: Montmorency
 Unit: Atlanta
 YOY: 2010
 Acres: 936 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/08/2008
 Map Phase: Pre-review

Stand Boundary Map



Legend

- ◆ RIs Corners
- Miris Corners
- Highway
- Paved
- County Paved Roads
- - County Gravel Roads
- - Poor Dirt Roads
- Water Features
- Stand Boundary

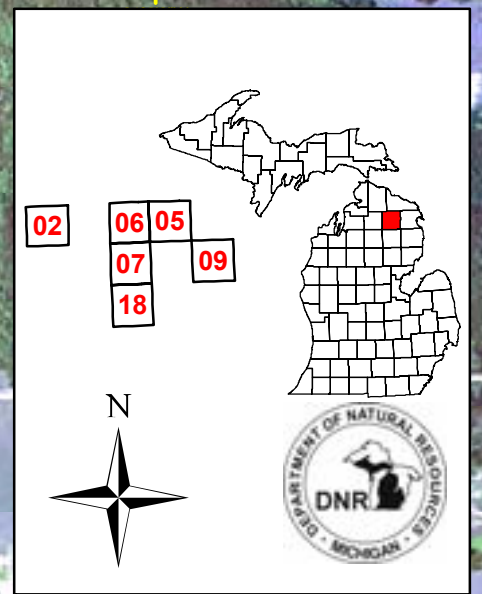


24 1 19 0.5 20 1 Miles 21

Compartment 26
T30N, R03E, Sec. 2
T30N, R04E, Sec. 5, 6, 7, 9, 18
County: Montmorency
Unit: Atlanta
YOE: 2010
Acres: 936 GIS Calculated
Stand Examiner: Cody Stevens
Map Revised: 7/08/2008
Map Phase: Pre-review

Stand Boundary Map

27



33

34

35

Legend

- ◆ Rls Corners
- Miris Corners
- Highway
- Paved
- County Paved Roads
- County Gravel Roads
- - Poor Dirt Roads
- Water Features
- Stand Boundary



04

03

02

01

Pleasant Valley Rd

09

10

11

12

16

15

14

13

1 0.5 0 1 Miles

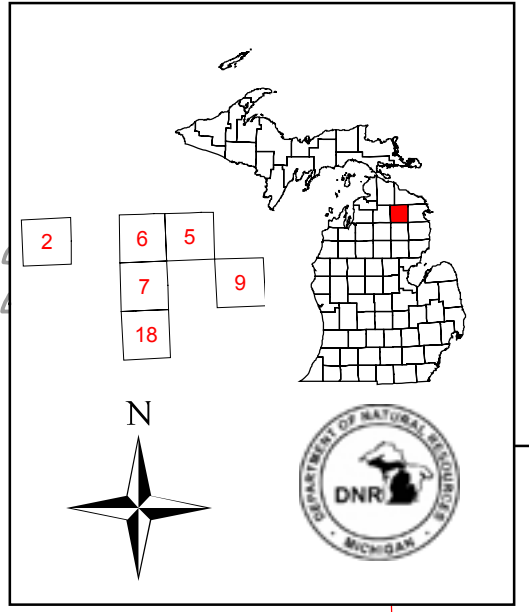
84°40'W

84°30'W

84°20'W

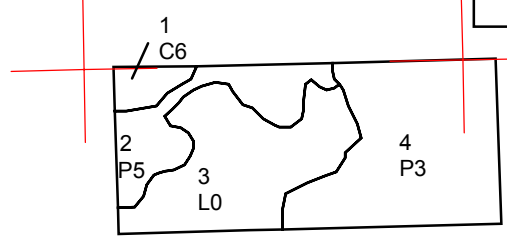
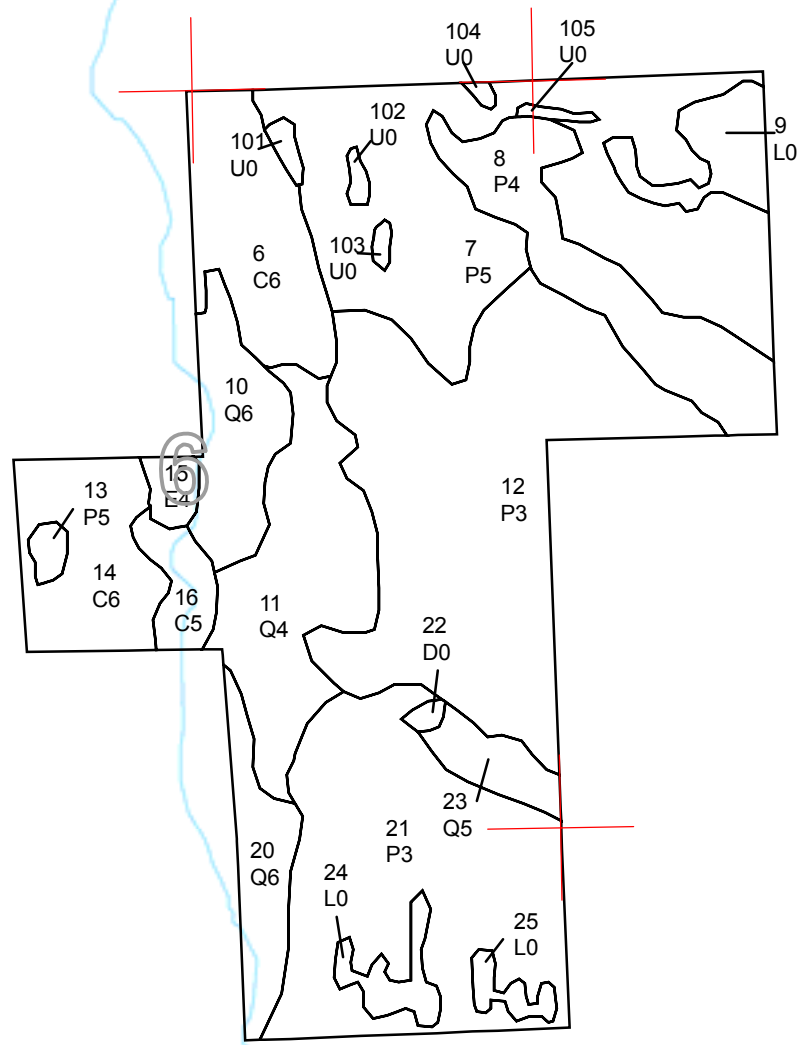
Dedicated & Proposed Special Conservation Area³³ Map

Compartment 26
 T30N, R03E, Sec. 2
 T30N, R04E, Sec. 5, 6, 7, 9, 18
 County: Montmorency
 Unit: Atlanta
 YOE: 2010
 Acres: 936 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/08/2008
 Map Phase: Pre-review



31

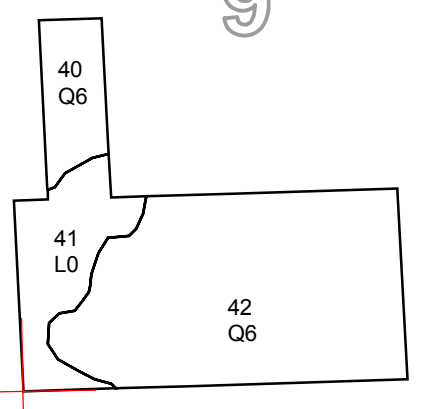
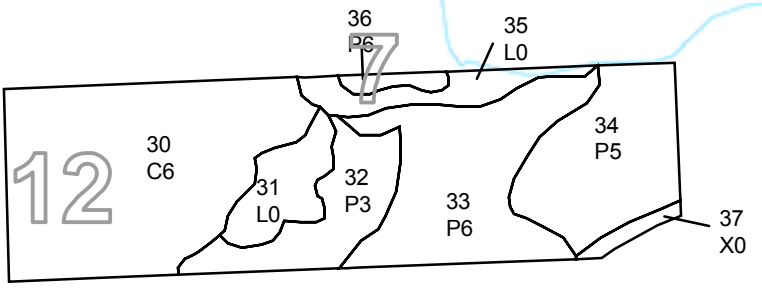
32



Legend

- Miris Corners
- atI026_stand_boun
- Cold Water Streams
- Potential Old Growth Stands

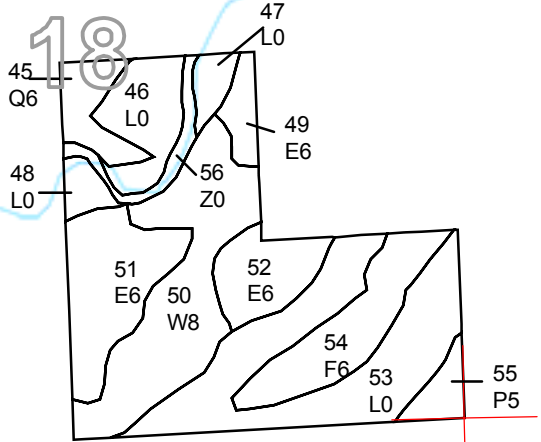
5



8

9

13



17

16

24

19

20

21



84°00'W

0°W

45°2'

45°10'N

45°00'N

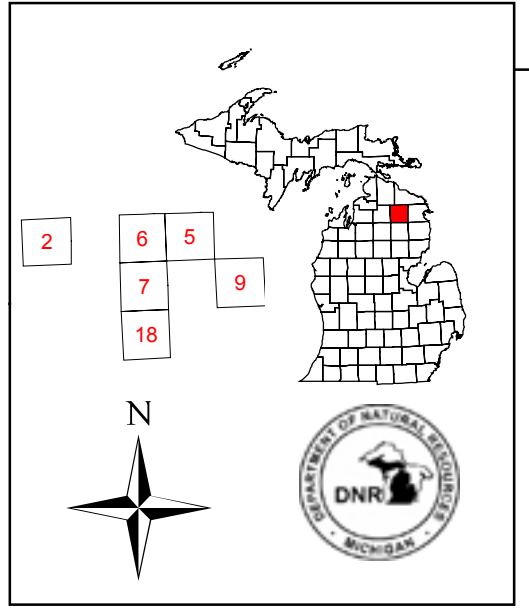
45°10'N

45°00'N

Dedicated & Proposed Special Conservation Area Map

84°10'W

Compartment 26
 T30N, R03E, Sec. 2
 T30N, R04E, Sec. 5, 6, 7, 9, 18
 County: Montmorency
 Unit: Atlanta
 YOE: 2010
 Acres: 936 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/08/2008
 Map Phase: Pre-review



26

36

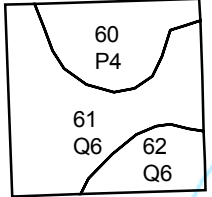
35

34

33

Legend

- Miris Corners
- atl026_stand_boun
- Dedicated SCA**
- Cold Water Streams
- Potential Old Growth Stands



2

3

1

45°20'N

45°10'N

45°10'N

45°00'N

10

11

12

15

14

13



84°40'W



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.