



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 109 ENTRY YEAR: 2010

Compartment Acreage: 1,174 County: Alpena

Revision Date: October 16, 2008

Stand Examiner: Cody Stevens

Legal Description: T32N R05E Secs 28, 32 & 33

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 level low ground. Some of the area is floodplain and dominated by aspen and soft maple.

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

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.

None known at this time.

Special Management Designations or Considerations:

None known at this time.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of peat and muck. The glacial drift thickness varies between 50 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone/cement products elsewhere in the County. A gravel pit is located in Section 30, but potential appears to be limited. This area has had limited drilling for oil and gas. The Antrim Shale is gone in this area and production is unlikely. Section 32 was recently leased for oil and gas development.

Vehicle Access:

This compartment is accessed off Long Rapids Rd and through a private easement off Woodruff Rd.

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 Alpena DNR office as well as the Long Rapids 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

ALPENA COUNTY

COMPARTMENT: 109

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
G Grass					5																						5
J Jack Pine							14																				14
L LowInd Brush									170																		170
P LowInd Poplr									567																		567
N Marsh									71																		71
R Red Pine															16												16
E Swamp Hrdwds																				322							322
W White Pine																										9	9
Total					5		14		170	567	71				16					322						9	1174

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: **109**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7117 Cds	Hardwood	1332 Cds
Hardwood	1179 Mbf	Hardwood	31 Mbf
Softwood	459 Cds	Sum CutVol	1394 Cds
Softwood	217 Mbf		
Sum TotVol	10368 Cds		
Total Cmpnt Acres		Acres Proposed For Cut.....	51
	1174		

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 109 **Entry Year: 2010**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
1	P6	51	70	58	balsam poplar & swamp aspen and swamp white birch	mature	final harvest	1		

comnts Fmd : Stand has some low pockets (potholes) mixed in. Some scattered spruce & balsam. On small area in stand is E6. Clear Cut: Leave 3% retention on lower ground. Acceptable regen will be any mix of hwd or conifer. Expect the low areas to come back to tagalder or cattail initially. Survey corner approx 20 ft south of gate and 10 ft east of fence.

Total Acres..... 51

**Proposed Treatments
With Limiting Factors**

Compartment: 109

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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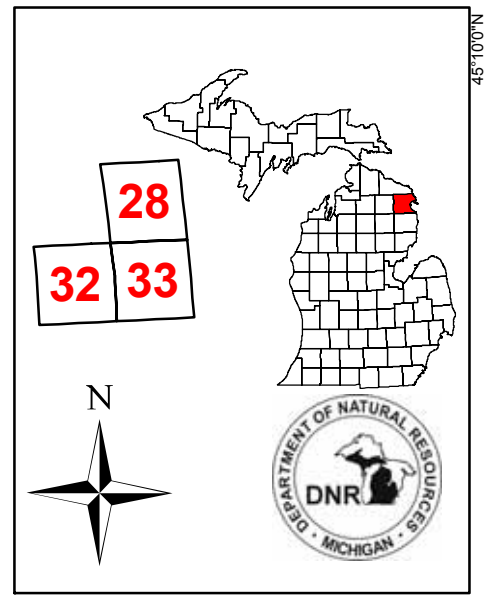
TREATMENT LIMITING FACTORS:

Total Acres..... 0

Cover Type and Treatment

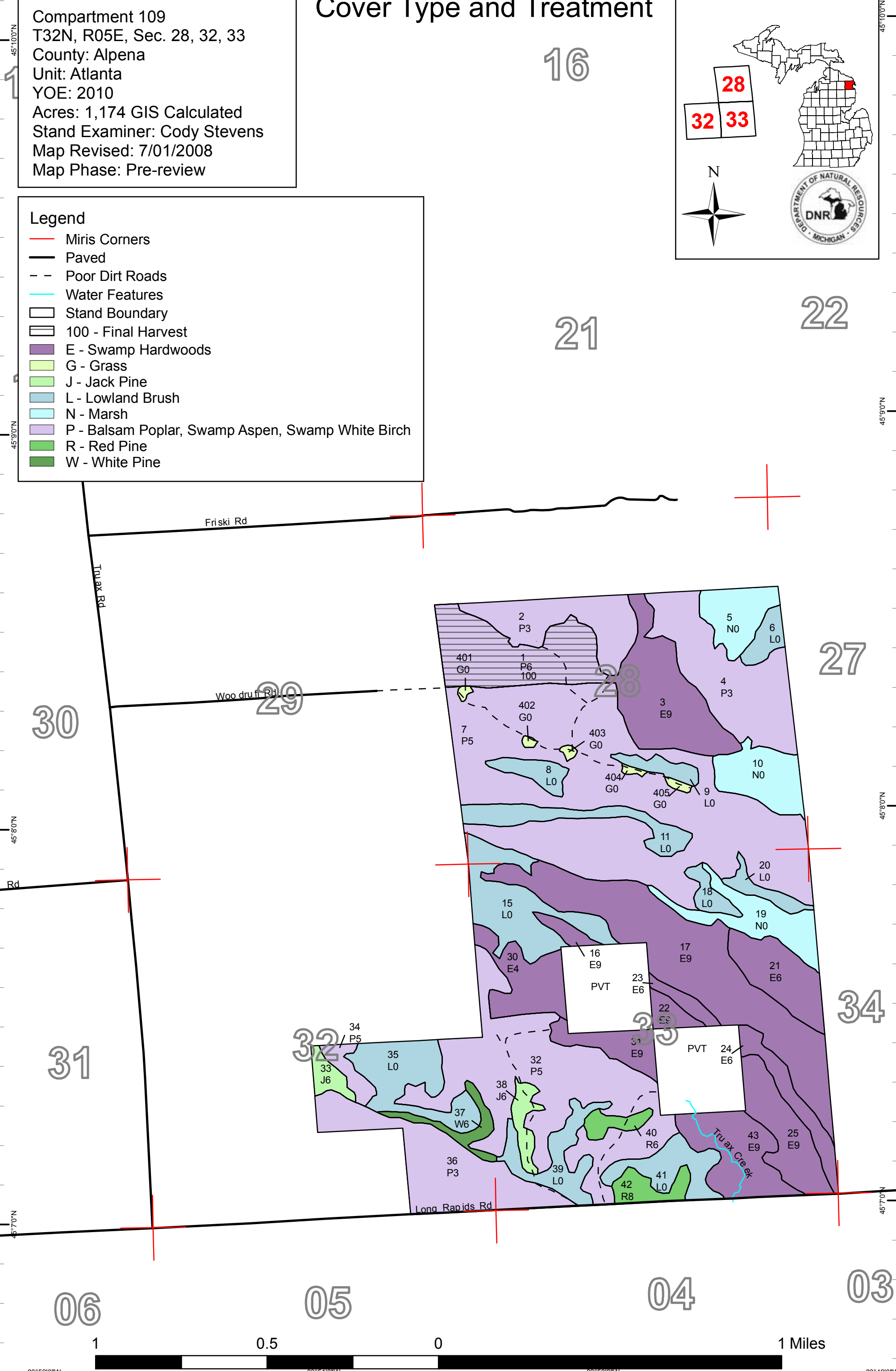
16

Compartment 109
 T32N, R05E, Sec. 28, 32, 33
 County: Alpena
 Unit: Atlanta
 YOY: 2010
 Acres: 1,174 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 7/01/2008
 Map Phase: Pre-review



Legend

- Miris Corners
- Paved
- Poor Dirt Roads
- Water Features
- Stand Boundary
- 100 - Final Harvest
- E - Swamp Hardwoods
- G - Grass
- J - Jack Pine
- L - Lowland Brush
- N - Marsh
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- R - Red Pine
- W - White Pine



1 0.5 0 1 Miles

83°52'0"W 83°51'0"W 83°50'0"W 83°49'0"W

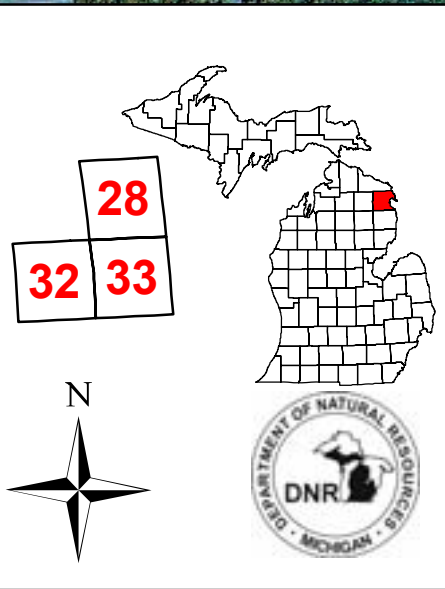
45°10'0"N
45°9'0"N
45°8'0"N
45°7'0"N

83°52'0"W 83°51'0"W 83°50'0"W 83°49'0"W

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Stand Boundary Map

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- Legend**
- Miris Corners
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