



**ATLANTA FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 29 ENTRY YEAR: 2009**

**Compartment Acreage: 1,495      County: Montmorency**

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**Revision Date:** October 16, 2007

**Stand Examiner:** Cody Stevens

**Legal Description:** T31N R01E Sec 10-15

**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 east portion of the compartment is level upland ground predominated by Red Pine and some Jack Pine. The west portion of the compartment is rolling upland ground predominated by Oak and Aspen.

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

The eastern part of the compartment has private to the west but mostly state land on all other sides. The western part of the compartment has private on the east edge but mostly state land on all other sides. The entire compartment receives a large amount of use by Antrim Gas Companies.

**Unique, Natural Features:**

Some species are present in and around the compartment.

**Archeological, Historical, and Cultural Features.**

None known.

**Special Management Designations or Considerations:**

Wildlife and FMFM have recommended to remove POG status from stands 8, the southern half of stand 5 and a small strip within stand 67.

**Watershed and Fisheries Considerations:**

**Fisheries Concerns is General:**

**Wildlife Habitat Considerations:**

**Mineral Resource and Development Concerns and/or Restrictions:**

**Vehicle Access:**

This compartment is accessed from County Roads: Growler Club Rd, Rouse Rd, Shingle Mill Rd and Co Rd 622. There are several two tracks for traversing the area.

**Survey Needs:**

Sec 15 may need a few corners for timber sale prep.

**Recreational Facilities and Opportunities:**

There are many opportunities for mushroom picking, hunting 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 Tri-Township Fire Department.

**Additional Compartment Information:**

**Cover Type details, Proposed Treatments, and Stand listings are listed in the attached reports:**

- ◆ **Cover Type by Age Class**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Listing – Forested**
- ◆ **Stand Listing – Non Forested**
- ◆ **Special Conservation Area (SCA) Details**

**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**
- ◆ **SCA – Special Conservation Areas**



**Stage 1 Acres Summary By Level 3 Cover Type By Age**

**Compartment: 54029**

**Date: 8/28/2007**

	0	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	>89	Uneven Age	Grand Total
<b>Aspen Types</b>	0	0	10.9	135.5	208.2	150.1	0	0	18.9	0	0	0	523.6
<b>Herbaceous Openland</b>	26.5	0	0	0	0	0	0	0	0	0	0	0	26.5
<b>Lowland Coniferous Forest</b>	0	0	6.8	0	0	0	0	0	0	0	73.4	0	80.2
<b>Mixed Upland Deciduous</b>	0	0	0	0	6.1	0	6.8	35.3	0	0	0	0	48.2
<b>Natural Pines</b>	0	0	60.9	78.9	0	0	0	0	42.5	0	0	0	182.3
<b>Oak Types</b>	0	0	0	0	0	0	0	0	82	0	0	0	82
<b>Planted Pines</b>	0	17.7	83.8	0	0	8.4	0	398.2	0	0	0	0	508.1
<b>Road/Parking Lot</b>	23.8	0	0	0	0	0	0	0	0	0	0	0	23.8
<b>Upland Shrub</b>	20	0	0	0	0	0	0	0	0	0	0	0	20
<b>Grand Total</b>	70.3	17.7	162.4	214.4	214.3	158.5	6.8	433.5	143.4	0	73.4	0	1494.7

**PROPOSED TREATMENTS  
NO LIMITING FACTORS**

S t a n d	Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 1
12	12-Pine Thin	11.4	42260 - Natural Pine, Mixed Deciduous	9	74	0	Seed Tree with Reserves	Regeneration	Natural Pine, Mixed Deciduous	
<u>Rev</u>										
<u>Cmnt:</u> Pine & Aspen stand.										
<u>Rev</u> Remove all aspen, red maple and jack pine. Leave 20-30 BA residual of Oak, Red Pine & White Pine. Only leave 3% retention due to small size of										
<u>Spec:</u> stand. Leave drumming logs. Acceptable Regen will be a mix of Aspen, Red Maple, Oak and Pine.										
<u>Next</u>										
<u>Steps:</u> Do regen check in 3-5 yrs to make sure stand regenerates because there will be heavy elk browse.										
14	14-Aspen CCut	124.4	4130 - Aspen	6	40	0	Clearcut with Reserves	Regeneration	Aspen	
<u>Rev</u>										
<u>Cmnt:</u> Young aspen stand being treated for age class diversity on unit level.										
<u>Rev</u> Clear Cut & leave few scattered oak & 3-5% retention in pockets. Leave Drumming logs. Acceptable Regen will be a mix of Aspen, Red Maple, Oak										
<u>Spec:</u> and Pine.										
<u>Next</u>										
<u>Steps:</u> Do regen check in 3-5 yrs to make sure stand regenerates because there will be heavy elk browse.										
21	21-Aspen CCut	17.8	4132 - Aspen, Jack Pine	5	40	0	Clearcut with Reserves	Regeneration	Aspen, Jack Pine	
<u>Rev</u>										
<u>Cmnt:</u> Treating stand to help with Age Class Diversity on Unit level.										
<u>Rev</u> Clear Cut and leave 3-5% retention. Leave Drumming Logs. Acceptable Regen will be a mix of Aspen, Red Maple, Oak and Pine.										
<u>Spec:</u>										
<u>Next</u>										
<u>Steps:</u> Do regen check in 3-5 yrs to make sure stand regenerates because there will be heavy elk browse.										
27	27 Oak Thin	35.3	4199 - Other Mixed Upland Deciduous	9	68	0	Single Tree Selection	Regeneration	Other Mixed Upland Deciduous	
<u>Rev</u>										
<u>Cmnt:</u> Stand has very nice oak logs with poor quality hdwd in the lower canopy.										
<u>Rev</u> Individual tree marking creating large regen holes and lowering residual BA to 80. Concentrate marking on mature oak logs and poor stems in Hdwd.										
<u>Spec:</u> Protect Hemlock. Acceptable regen will be a mix of oak & mixed hdwd.										
<u>Next</u>										
<u>Steps:</u> Do regen check in 3-5 yrs.										
38	38 RP CCut	19.7	42110 - Planted Red Pine	8	63	0	Clearcut with Reserves	Regeneration	Planted Red Pine	
<u>Rev</u>										
<u>Cmnt:</u> Nice stand of RP poles and small logs.										
<u>Rev</u> Clear Cut stand and leave any oak. Only leave 3% retention due to large amount of similiar types in the compartment. Replant to Red pine.										
<u>Spec:</u>										
<u>Next</u>										
<u>Steps:</u> Replant to Red Pine and do regen survey 3-5 yrs later.										
45	45-RP CCut	138.3	42110 - Planted Red Pine	9	68	0	Clearcut with Reserves	Regeneration	Planted Red Pine	
<u>Rev</u>										
<u>Cmnt:</u> Red Pine Plantation with low BA.										
<u>Rev</u> Clear Cut stand and leave oak & black cherry. Will probably have to leave a buffer along South edge of stand by Co Rd 622 due to green-up issues										
<u>Spec:</u> because there is a large cut in 2008 YOE Compartment prescribed on South side of 622. Leave 3-5% retention in several small pockets scattered through-out the stand.										
<u>Next</u>										
<u>Steps:</u> Plant to Red Pine and do regen survey in 3-5 yrs.										

**PROPOSED TREATMENTS  
NO LIMITING FACTORS**

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Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 2
<b>47 47-RP Thin</b>	38.8	42110 - Planted Red Pine	9	68	0	Single Tree Selection	Intermediate Cut	Planted Red Pine	
<u>Rev</u> <u>Cmnt:</u>	Nice stand of pine with some small utility poles mixed in.								
<u>Rev</u> <u>Spec:</u>	Mark stand to 100-120 BA. Allow loggers to skid utility poles only is limbed/topped in woods first.								
<u>Next</u> <u>Steps:</u>									
<b>5 5_Aspen CCut</b>	18.1	4123 - Red Oak	9	76	0	Clearcut with Reserves	Regeneration	Aspen, Oak	
<u>Rev</u> <u>Cmnt:</u>	This portion of stand 5 should have been lumped in with Stand 8. Aspen stand with scattered oak and hdwd.								
<u>Rev</u> <u>Spec:</u>	Clear Cut and leave 2-3 oak per acre. Also leave 3% retention. Try to cut in winter to help with aspen regen. Leave drumming logs. Acceptable Regen will be a mix of Aspen, Red Maple, Oak and Pine.								
<u>Next</u> <u>Steps:</u>	Do regen check in 3-5 yrs to make sure stand regenerates because there will be heavy elk browse.								
<b>50 50 North RP Thin</b>	17.9	42110 - Planted Red Pine	9	62	0	Single Tree Selection	Intermediate Cut	Planted Red Pine, Mixed Deciduous	
<u>Rev</u> <u>Cmnt:</u>	North West part of stand has better quality & stocking. Decided not to final harvest for age class diversity.								
<u>Rev</u> <u>Spec:</u>	Thin to 90 BA. Remove poor quality stems and mature logs. Allow loggers to skid utility poles if they limb and top them in the woods.								
<u>Next</u> <u>Steps:</u>	Final Harvest in 10-20 yrs.								
<b>50 50 S&amp;E RP CC</b>	26.2	42110 - Planted Red Pine	9	62	0	Clearcut with Reserves	Regeneration	Planted Red Pine	
<u>Rev</u> <u>Cmnt:</u>	Stand has pockets of lower quality/stocking.								
<u>Rev</u> <u>Spec:</u>	Clear Cut and leave 3% Retention out by 622 to help with visual.								
<u>Next</u> <u>Steps:</u>	Plant and then do regen survey in 3-5 yrs.								
<b>51 51-RP CCut</b>	22.8	42110 - Planted Red Pine	6	62	0	Clearcut	Regeneration	Planted Red Pine	
<u>Rev</u> <u>Cmnt:</u>	Cutting portion of stand adjacent to 622 for future visual management.								
<u>Rev</u> <u>Spec:</u>	Clear Cut portion of stand and replant to Red Pine. Leave point by Rouse Rd and 622 intersection for visual and retention.								
<u>Next</u> <u>Steps:</u>	Plant to Red Pine and do regen survey in 3-5 yrs.								
<b>52 52-RP CCut</b>	6.5	42110 - Planted Red Pine	4	62	0	Clearcut	Regeneration	Planted Red Pine	
<u>Rev</u> <u>Cmnt:</u>	Stand was species thinned last entry, not much natural regen present.								
<u>Rev</u> <u>Spec:</u>	Clear Cut stand and replant with Stand 51. No retention needed due to large amount of mature red pine in surrounding stands and we are leaving 3-5% in stand 51.								
<u>Next</u> <u>Steps:</u>	Plant to Red Pine and do survey regen check in 3-5 yrs.								

**PROPOSED TREATMENTS  
NO LIMITING FACTORS**

S t a n d	Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 3
54	54 RP CCut	18.9	42110 - Planted Red Pine	6	67	0	Clearcut with Reserves	Regeneration	Planted Jack Pine	

Rev  
Cmnt: Leaving N1/2 of stand for Age Class Diversity & Visual management due to several large cuts in the area.

Rev  
Spec: Clear Cut and leave 3-5% retention in small pockets to help with visual from 622.

Next  
Steps: Plant Jack Pine and do regen survey in 3-5yrs.

62	62-RP Plant	2.5	4133 - Aspen, Mixed Pine	1	17	0	Hand Plant	Regeneration		
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Rev  
Cmnt: Planting small portion of stand due to poor natural regeneration and will fill in gap stand 50.

Rev  
Spec: Plant with Stand 50. Need to trench area either early spring or late fall to help protect any Massasauga in the area.

Next  
Steps: Do regen check in 3-5 yrs.

8	8-Aspen CCut	18.9	4130 - Aspen	9	76	0	Clearcut with Reserves	Regeneration	Aspen	
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Rev  
Cmnt: Large diameter aspen, treat with Southern portion of stand 5.

Rev  
Spec: Clear Cut and leave 2-3 oak per acre. Also leave 3% retention. Try to cut in winter to help with aspen regen. Leave drumming logs. Acceptable Regen will be a mix of Aspen, Red Maple, Oak and Pine.

Next  
Steps: Do regen check in 3-5 yrs to make sure stand regenerates because there will be heavy elk browse.

37	NF37-Plant RP	2.3	Herbaceous Openland	0	0	0	Hand Plant	Regeneration		
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Rev  
Cmnt: Small NF stand created when stand 38 was species thinned.

Rev  
Spec: Plant Red Pine when stand 38 is planted.

Next  
Steps: Due Regen survey in 3-5 yrs.

60	NF60-Plant	7.7	Upland Shrub	0	0	0	Hand Plant	Regeneration		
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Rev  
Cmnt: small stand that was treated last entry but never planted. Sanders Cabin Trespass is in middle of stand. Probably why it was never planted.

Rev  
Spec: Plant RP per TMS specs.

Next  
Steps: do regen survey in 3-5 yrs.

**Total Treatment  
Acreage Proposed: 527.5**

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Mgt. Unit

**PROPOSED TREATMENTS  
WITH LIMITING FACTORS**

Compartment: 29

Entry Yr: 2009

Inventory Method: IFMAP

Treatment  
Name

Acres

Stage1  
CovType

Size  
Density

1st  
Age

2nd  
Age

Treatment  
Method

Treatment  
Purpose

Cover Type  
Objective

Pg. 1

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Limiting Factor  
and Comment:

Rev  
Cmnt:

**No Stands with Limiting Factors**

Rev  
Spec:

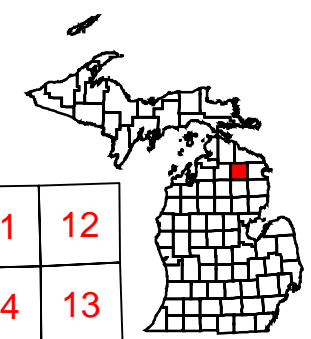
Next  
Steps:

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**Total Treatment  
Acreage Proposed: 0**

# Field Map

Compartment 29  
 T31N, R01E, Sec. 10-15  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2009  
 Acres: 1,495 GIS Calculated  
 Stand Examiner: Cody Stevens  
 Map Revised: 8/08/2007  
 Map Phase: Pre-review



10	11	12
15	14	13



Stand # **23**      Stocking Density  
 (A) (412)0 - 7  
 Ol Level 3  
 Code Level 4  
 Cover Type Code

### Legend

- Miris Corners
- County Paved Road
- Paved Road
- - - Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers All
- Stands
- ▨ SCA - Special Conservation Area
- ▩ Clearcut
- ▩ Clearcut with Reserves
- ▩ Single Tree Selection
- ▩ Seed Tree with Reserves
- Planting

#### Forest Stands

Level 3

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 612 - Lowland Coniferous Forest

#### Non-Forest Stands

Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub

