



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 158

Entry Year 2016

Acreage: 1,225

County Presque Isle

Management Area: Cheboygan Basin Moraines

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**Revision Date:** 10/28/2014

**Stand Examiner:** Jeff Autenrieth

**Legal Description:**

T36N, R2E, Sec. 28,29,30, & 33.

**Identified Planning Goals:**

A portion of the compartment fall within the Black Mountain Recreation Area the rest of the area is managed for timber production and wildlife habitat.

**Soil and topography:**

Gravelly sands and organic mucks on topography ranging from flat to rolling hills.

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

Mixed ownership around the compartment with increasing development mostly to the south of the compartment.

**Unique Natural Features:**

No Unique Natural Features known.

**Archeological, Historical, and Cultural Features:**

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

Black Mountain Recreation Area.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:**

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include red-shouldered hawk, ruffed grouse, wild turkey, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest, extensive mature forest and large open grassland complexes, the retention of large, over-mature trees and snags and the maintenance and expansion of hard mast and mesic conifer components.

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

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 600 feet. Beneath the glacial drift are the Devonian Dundee and Detroit River Groups. The Dundee is quarried for limestone near Rogers City. A gravel pit is located in Section 29 and there should be additional potential in the Compartment. This area has had no drilling for oil and gas. Oil and gas producing Silurian Niagaran Reefs are located twelve miles to the south. All of the State land is currently leased for oil and gas development.

**Vehicle Access:**

Several maintained county roads along with numerous forest trails pass through the compartment.

**Survey Needs:**

None needed.

**Recreational Facilities and Opportunities:**

O.R.V. and snowmobile trails pass through the compartment.

**Fire Protection:**

Access is ok. Fragmented state land. Area is covered by the Onaway Field Office. There are jack pine cover types in this compartment.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**The following information is displayed, where pertinent, on the attached compartment maps:**

- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatment Map

- Legend**
- Miris Corners
  - Remonumented Section Corners
  - PLSS Corner
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Trail (Non-Recreation)
  - Pipeline
  - Powerline
  - ORV Trails
  - Snowmobile Trails
  - Bike Trail
  - ORV Trail
  - ORV Route
  - Snowmobile Trail
  - Planned Regeneration
    - Natural
    - Planted
  - Treatments**
    - Clearcut (w/Reserves, Patch/Strip)
    - Thinning (Crown, Low, Systematic)
    - Other Treatment - See Comments
    - Treatments w/ Site Condition
  - Forest Stands**

Level 3

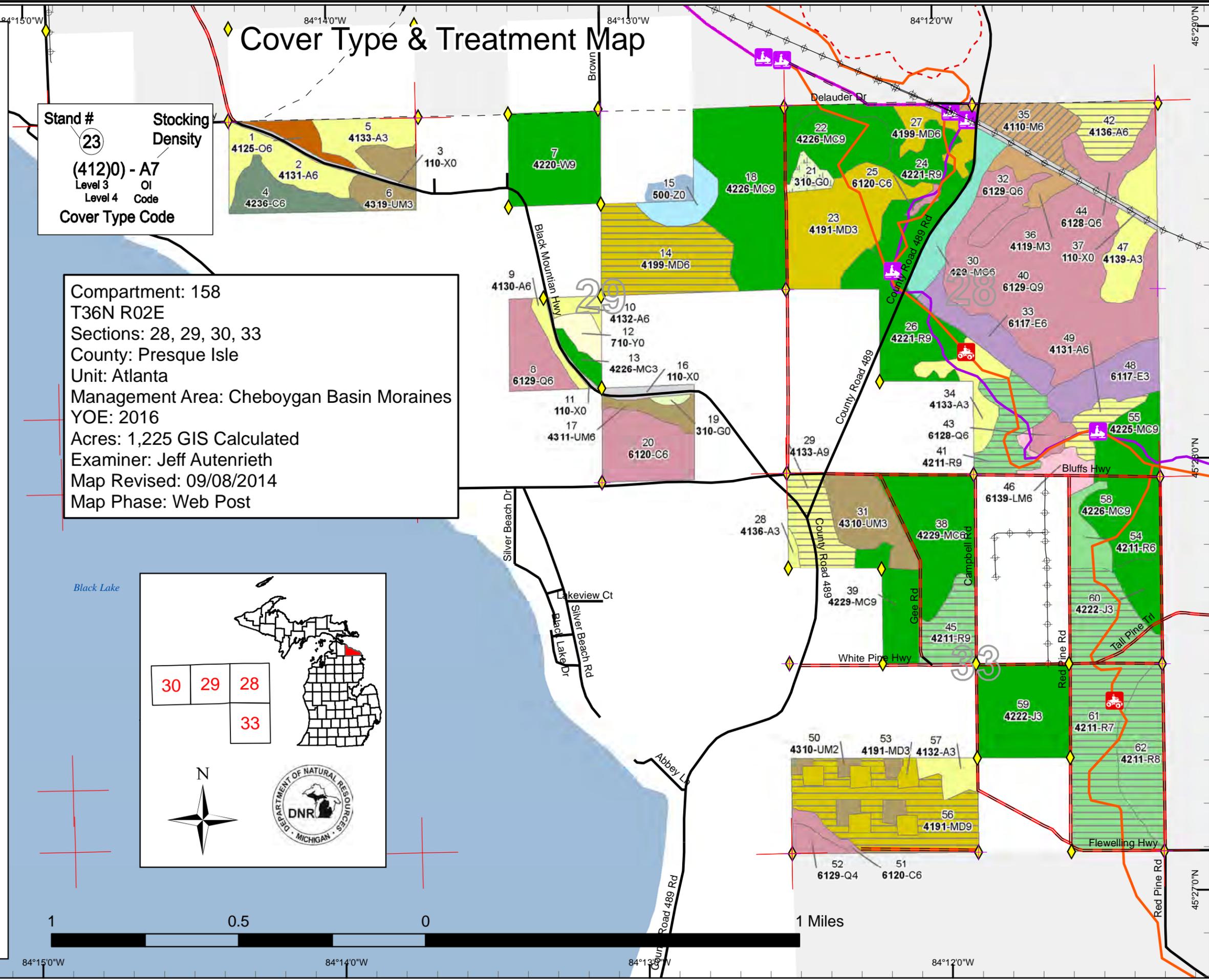
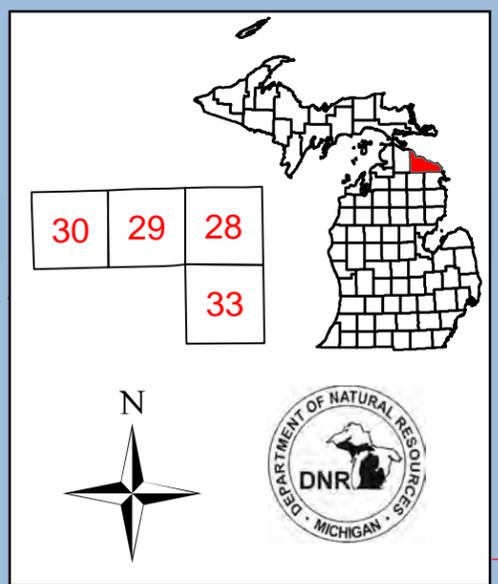
    - 411 - Northern Hardwood
    - 412 - Oak Types
    - 413 - Aspen Types
    - 419 - Mixed Upland Deciduous
    - 421 - Planted Pines
    - 422 - Natural Pines
    - 423 - Other Upland Conifers
    - 429 - Mixed Upland Conifers
    - 431 - Upland Mixed Forest
    - 611 - Lowland Deciduous Forest
    - 612 - Lowland Coniferous Forest
    - 613 - Lowland Mixed Forest
  - Non-Forest Stands**

Level 3

    - 110 - Low Intensity Urban
    - 310 - Herbaceous Openland
    - 500 - Water
    - 710 - Sand, Soil
    - Lakes and Rivers
    - State Forest Land

**Stand #**  
23  
**(4120) - A7**  
Level 3 OI  
Level 4 Code  
**Cover Type Code**

**Compartment: 158**  
T36N R02E  
Sections: 28, 29, 30, 33  
County: Presque Isle  
Unit: Atlanta  
Management Area: Cheboygan Basin Moraines  
YOE: 2016  
Acres: 1,225 GIS Calculated  
Examiner: Jeff Autenrieth  
Map Revised: 09/08/2014  
Map Phase: Web Post



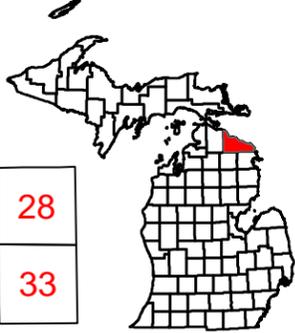
# Stand Boundary Map

Stand #  
**23**  
**(4120) - A7**  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

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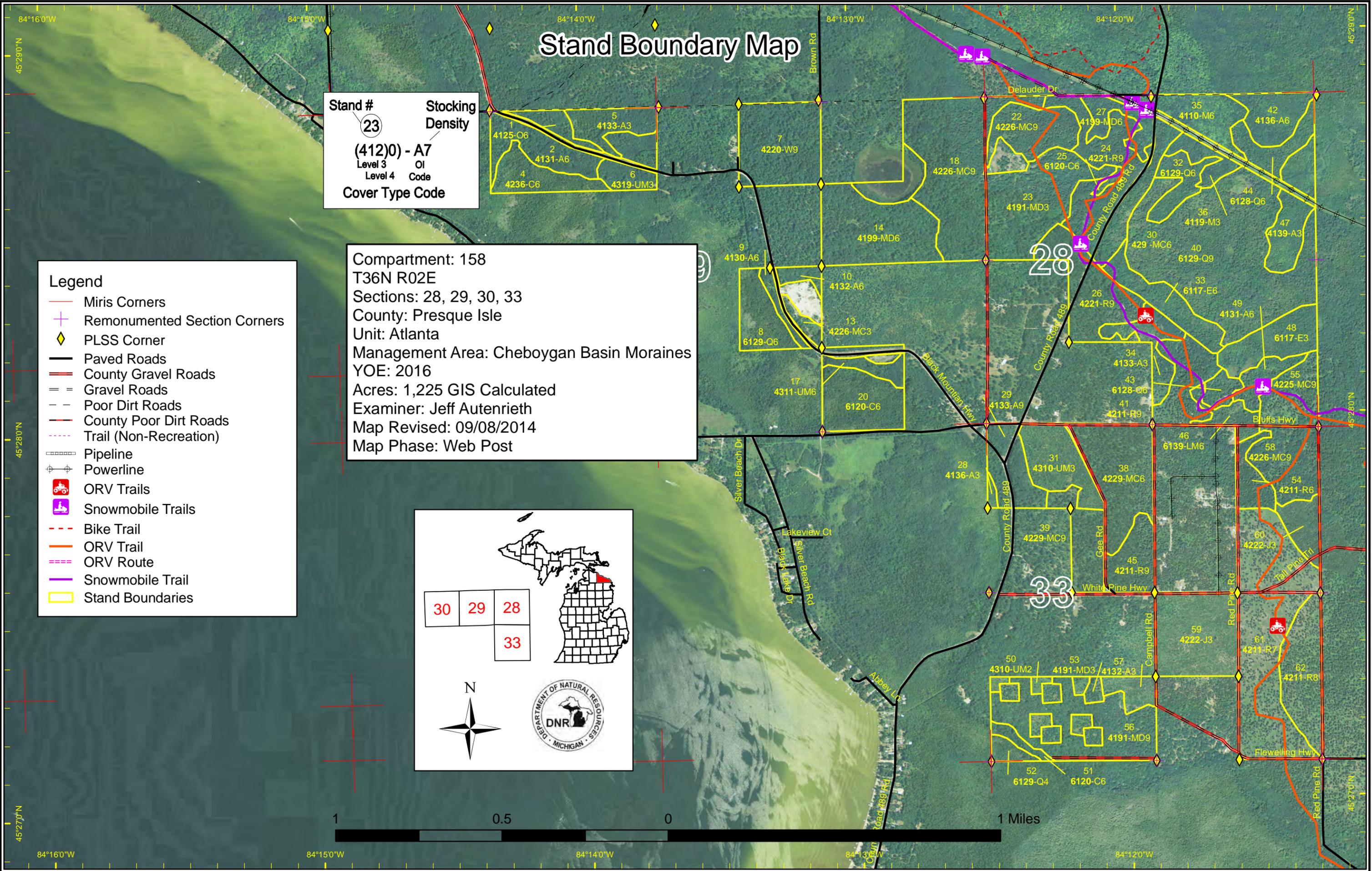
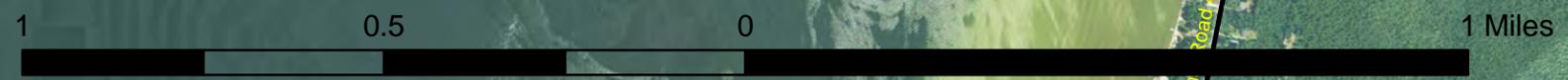
## Legend

-  Miris Corners
-  Remonumented Section Corners
-  PLSS Corner
-  Paved Roads
-  County Gravel Roads
-  Gravel Roads
-  Poor Dirt Roads
-  County Poor Dirt Roads
-  Trail (Non-Recreation)
-  Pipeline
-  Powerline
-  ORV Trails
-  Snowmobile Trails
-  Bike Trail
-  ORV Trail
-  ORV Route
-  Snowmobile Trail
-  Stand Boundaries



30	29	28
		33





# Special Conservation Areas & Site Conditions Map

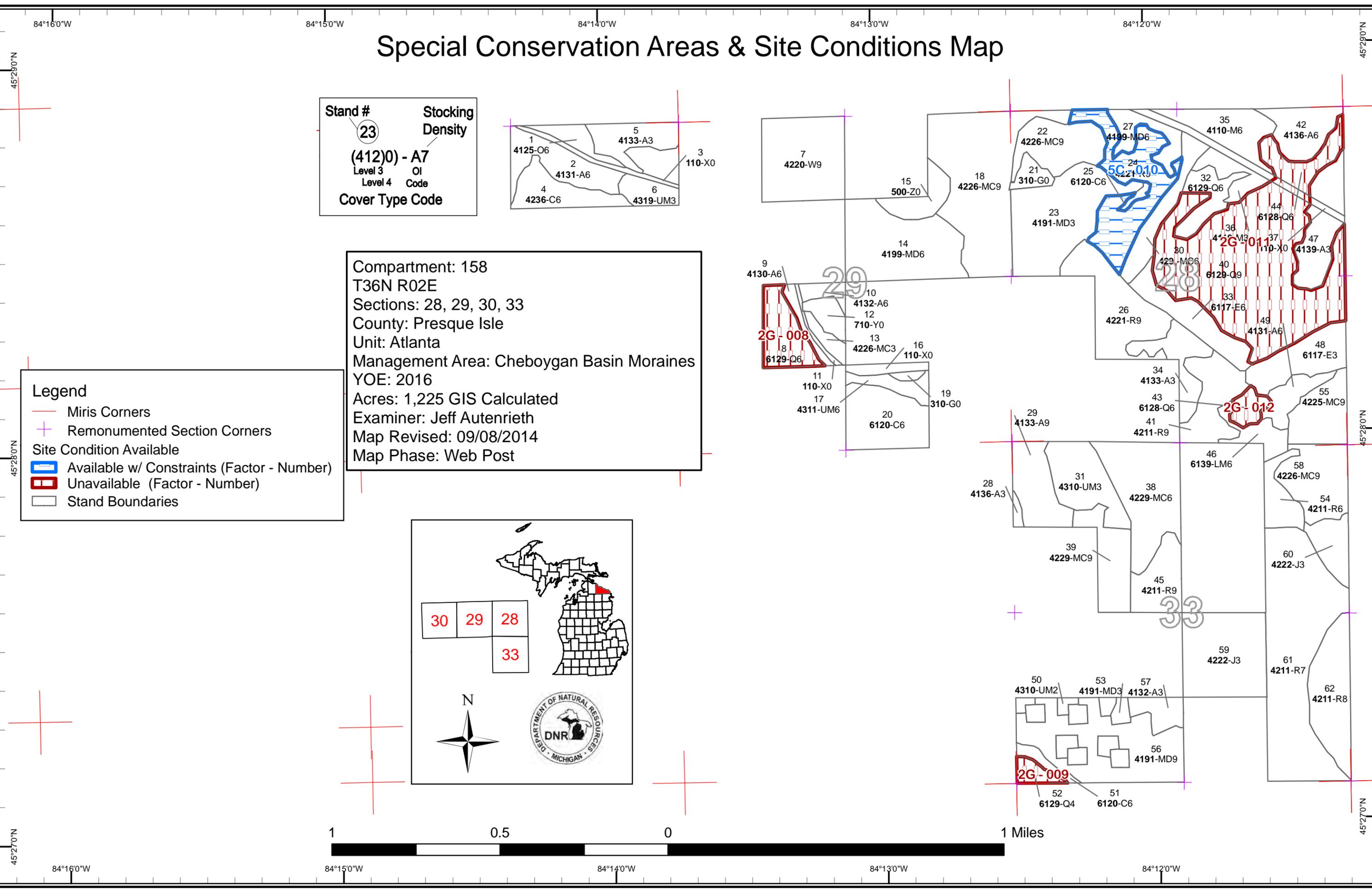
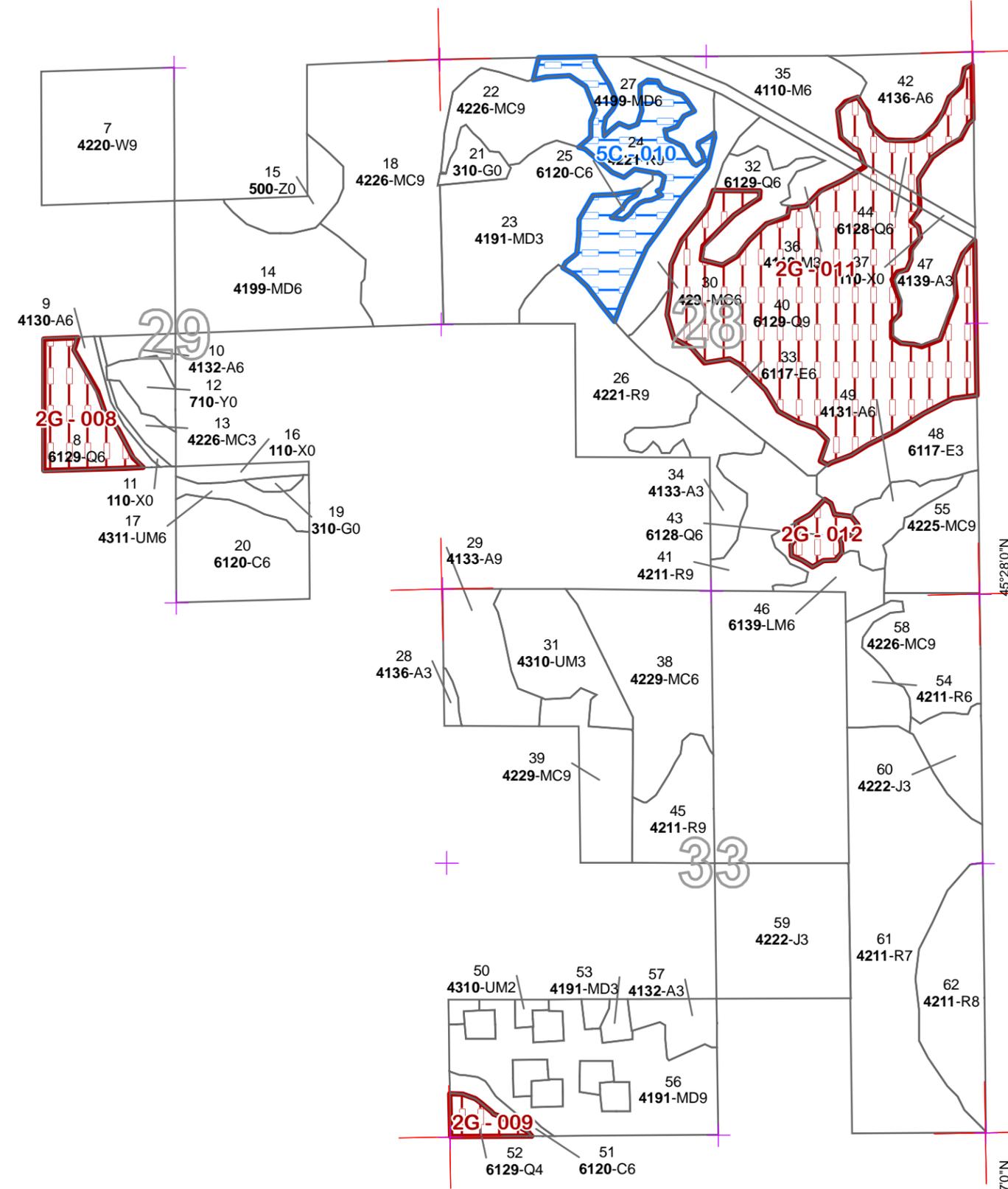
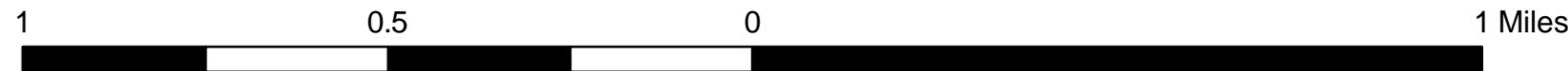
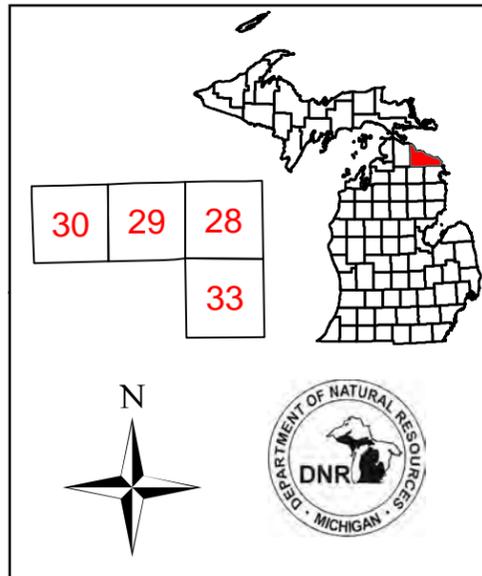
Stand #  
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 Level 3 OI  
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Compartment: 158  
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 Examiner: Jeff Autenrieth  
 Map Revised: 09/08/2014  
 Map Phase: Web Post

## Legend

- Miris Corners
- Remonumented Section Corners
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	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 +	Uneven Age	
Aspen	0	10	57	15	4	31	20	0	0	0	0	0	0	0	136
Cedar	0	0	0	0	0	0	0	0	0	27	22	0	0	0	49
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Jack Pine	0	40	11	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Conifers	0	0	0	0	0	0	12	0	0	23	134	0	0	0	169
Lowland Deciduous	0	0	0	22	19	0	0	0	0	0	0	0	0	0	40
Lowland Mixed Forest	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
Mixed Upland Deciduous	46	10	0	0	0	0	0	12	90	0	0	0	0	0	158
Natural Mixed Pines	0	0	4	0	0	59	0	91	41	0	0	0	0	0	195
Northern Hardwood	0	0	0	0	9	0	0	0	0	0	0	0	0	19	28
Oak	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Red Pine	0	0	0	11	0	0	0	182	36	0	0	0	0	0	229
Sand, Soil	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	0	0	0	0	15	0	0	0	0	0	15
Upland Mixed Forest	8	39	0	0	7	0	0	0	0	0	0	0	0	0	55
Urban	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Water	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
White Pine	0	0	0	0	0	0	0	0	39	0	0	0	0	0	39
<b>Total</b>	<b>97</b>	<b>99</b>	<b>72</b>	<b>48</b>	<b>48</b>	<b>90</b>	<b>39</b>	<b>285</b>	<b>222</b>	<b>50</b>	<b>156</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>1225</b>



## Report 2 – Proposed Treatment Summaries

**Atlanta Mgt. Unit**  
**Year of Entry 2016**

**Compartment 158**  
**Total Compartment Acres: 1,225**

### Acres by Treatment Type

Commercial Harvest - 259    Tree Planting - 149    Other - 0  
 Habitat Cut - 45    Opening Maintenance - 5

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>(Habitat Cut)Mixed Upland Deciduous</b>	45	0	0	0	0	0	0	45
<b>Aspen Types</b>	46	0	0	0	0	0	0	46
<b>Mixed Upland Deciduous</b>	45	0	0	0	0	0	0	45
<b>Northern Hardwood</b>	0	0	0	0	19	0	0	19
<b>Planted Pines</b>	149	0	0	0	0	0	0	149
<b>Total</b>	<b>285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>304</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	54158014-Cut	44.8	4199 - Other Mixed Upland Deciduous	High Density Pole	83	111-140	Harvest	Clearcut with Reserves	4121 - Oak, Aspen	Cmpt. Review Proposal

Prescription Final Harvest. Focus retention around dense pockets of oak and pine. Leave a buffer around the lake. Leave 3-10% retention in areas noted above.

Other Lots of illegal ORV traffic from the gravel pit to the west. Scenic overlook on Black Lake.

Next Acceptable regen can be of well/medium stocked oak, pine, maple, and aspen.

Proposed  
Start Date: 10/01/2015

29	54158029-Cut	19.7	4133 - Aspen, Mixed Pine	High Density Log	61	111-140	Harvest	Clearcut	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% retention near intersection of Black Mountain hwy and County road 489 as a visual.

Other  
Comments:

Next Acceptable regen can be of medium/well stocked aspen, oak, maple and pine.

Proposed  
Start Date: 10/01/2015

35	54158035-Cut	19.4	4110 - Sugar Maple Association	High Density Pole	63	81-110	Harvest	Crown Thinning	411 - Northern Hardwood	Cmpt. Review Proposal
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Prescription Cut all ash and beech, then thin to 70ba and where needed for operational needs.

Other Use standard trail specs.

Next  
Steps:

Proposed  
Start Date: 10/01/2015

41	54158041-Cut	21.1	42110 - Planted Red Pine	High Density Log	71	51-80	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest. Cut all trees 2" and bigger. Require tops to be chipped and 6" stumps. Leave 3-10% as a pocket along Bluffs HWY as retention.

Other Use standard trail specs.

Next Acceptable regen can be of well stocked red pine. Allow mechanical/herbicide/rx burn/ or scarification to prep site for planting in applicable.

Proposed  
Start Date: 10/01/2015

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
42 54158042-Cut	16.8	4136 - Aspen, Mixed Conifer	High Density Pole	54		Harvest	Clearcut	4131 - Aspen, Oak	Cmpt. Review Proposal

Prescription Final harvest. Leave 3-10% retention around wet areas on edges of stand.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of medium/well stocked aspen, oak, maple, and pine

Proposed

Start Date: 10/01/2015

45 54158045-Cut	17.1	42110 - Planted Red Pine	High Density Log	79	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest. Cut all trees 2" and bigger. Chip all tops. Leave 3-10% retention on north end of stand to help facilitate planting. Use 6" stump spec to facilitate planting.

Specs:

Other

Comments:

Next Steps: Trench and plant red pine. Allow mechanical/rx burn/herbicide cultivation treatment to site prep area. Acceptable regen can be of well stocked planted red pine.

Proposed

Start Date: 10/01/2015

49 54158049-Cut	9.6	4131 - Aspen, Oak	High Density Pole	53		Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest/ Leave 3-10% retention in areas that are wetter in the north of the stand.

Specs:

Other

Use standard trail specs.

Comments:

Next Steps: Acceptable regen can be of medium/well stocked oak, aspen, maple, and pine.

Proposed

Start Date: 10/01/2015

56 54158056-Cut	45.5	4191 - Mixed Upland Deciduous with Conifer	High Density Log	85	111-140	Harvest	Clearcut with Reserves	4121 - Oak, Aspen	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% retention as a pocket.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of medium/well stocked oak, aspen, maple, or pine.

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
61	54158061-Cut	81.9	42110 - Planted Red Pine	Low Density Log	75	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Cut all trees 2" and greater. Require chipping of all tops. Leave 3-10% retention in one pocket on south end of stand to facilitate										
<u>Specs:</u> planting operations.										
<u>Other</u> Use standard trail specs.										
<u>Comments:</u>										
<u>Next</u> Trench and plant red pine. Allow mechanical/rx burn/herbicide cultivation treatment to site prep area. Acceptable regen can be of well stocked										
<u>Steps:</u> planted red pine.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
62	54158062-Cut	28.5	42110 - Planted Red Pine	Medium Density Log	75	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Cut all trees 2" and bigger. Require that all tops be chipped. Leave 3-10% retention in south end of stand to facilitate planting										
<u>Specs:</u> operations. Use 6" stump spec.										
<u>Other</u> Use standard trail specs.										
<u>Comments:</u>										
<u>Next</u> Trench and plant red pine. Allow mechanical/rx burn/herbicide cultivation treatment to site prep area. Acceptable regen can be of well stocked										
<u>Steps:</u> planted red pine.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
21	NF_54158021- NonFor	5.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing, brush cutting, and/or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<b>Total Treatment Acreage Proposed: 309.5</b>										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type!

#Type!

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

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**Total Treatment**  
**Acreage Proposed: 0.0**

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Jeff Autenrieth : Examiner

Compartment 158  
Year of Entry 2016

### Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5C	2G
	Available	Not Available				
136	136	0	Aspen	136		0
49	49		Cedar	49		
51	51		Jack Pine	51		
169	13	155	Lowland Conifers	13		155
40	40	0	Lowland Deciduous	40		0
9	9		Lowland Mixed Forest	9		
158	158		Mixed Upland Deciduous	158		
195	195		Natural Mixed Pines	195		
28	28		Northern Hardwood	28		
7	7		Oak	7		
229	229		Red Pine	193	36	
15	15		Upland Conifers	15		
55	55		Upland Mixed Forest	55		
39	39		White Pine	39		
1,181	1,025	156	Total Forested Acres	989	36	156
	87%	13%	Relative Percent			

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
008	Not Available	2G: Too wet (sensitive soils, does not include access issues)	17	2F: Too steep			
<b>Comments:</b>							
009	Not Available	2G: Too wet (sensitive soils, does not include access issues)	5				
<b>Comments:</b>							

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Jeff Autenrieth : Examiner

Compartment 158  
Year of Entry 2016

010	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	No Limiting Factor
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**Comments:**

Several ORV/Snowmobile trails pass through this stand. It is growing exceptional pine. To restart it to pine, would require intense cultivation treatments.

011	Not Available	2G: Too wet (sensitive soils, does not include access issues)	130	
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**Comments:**

012	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	
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**Comments:**



### Report 6 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

\* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments				
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**Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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.

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## Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 158  
Year of Entry: 2016

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4125 - Black, N. Pin Oak	High Density Pole	6.9	68	81-110	
4131 - Aspen, Oak	High Density Pole	20.3	22		
42360 - Upland Cedar	High Density Pole	16.7	100		Some blowdown in areas.
4133 - Aspen, Mixed Pine	High Density Sapling	14.9	22		
4319 - Mixed Upland Forest	High Density Sapling	15.7	16		
42200 - Natural White Pine	High Density Log	39.1	80	51-80	Lots of weavel in W. pines. Private property on all four sides.
6129 - Mixed Coniferous Lowland Forest	High Density Pole	17.6	100		Stand slopes down to the west. Very wet, muck soils.
4130 - Aspen	High Density Pole	4.2	52		Stand buffers road from steep slopes down to lowland area.
4132 - Aspen, Jack Pine	High Density Pole	4.5	47		Stand buffers gravel pit.
42260 - Natural Pine, Mixed Deciduous	High Density Sapling	4.2	21		Stand buffers gravel pit from road.
4199 - Other Mixed Upland Deciduous	High Density Pole	44.8	83	111-140	Nice scenic overlook on black lake. Ash is either dead or dying.
4311 - Pine, Aspen Mix	High Density Pole	7.0	48		Stand buffers steep slope down to swamp from road.
42260 - Natural Pine, Mixed Deciduous	High Density Log	66.3	74	111-140	Good quality red pine. 7 sticks in some trees. Lots of fire scars present and some legacy trees present. Stand buffers small lake to the west.
6120 - Lowland Cedar	High Density Pole	26.9	90		Lots of blow down. No cedar regen found in areas sampled. Lots of deer trails. Small stream runs entire southern edge of stand. Soils are muck and very wet year round.
42260 - Natural Pine, Mixed Deciduous	High Density Log	22.1	87	51-80	Trail runs through stand. Lots of fire scars on large pine. Some w. pine meet legacy tree standards.
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	46.1	8		Shelterwood/species removal cut in past.
42211 - Natural Red Pine, Mixed Deciduous	High Density Log	36.3	81	111-140	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	6120 - Lowland Cedar	High Density Pole	1.6	100		Vernal pond/wet area. Low spot within a higher stand.
26	42210 - Natural Red Pine	High Density Log	33.3	77	81-110	New stand added. Some variability in stand density and understory density.
27	4199 - Other Mixed Upland Deciduous	High Density Pole	11.5	77	51-80	New stand added. Most ash is dead or dying. Beech scale in area. Oak doing well.
28	4136 - Aspen, Mixed Conifer	High Density Sapling	1.5	16		
29	4133 - Aspen, Mixed Pine	High Density Log	19.7	61	111-140	Stand buffers recent cut from road.
30	429 - Mixed Upland Conifers	High Density Pole	15.4	83		New stand added.
31	4310 - Pine, Oak Mix	High Density Sapling	23.8	16		
32	6129 - Mixed Coniferous Lowland Forest	High Density Pole	12.0	65		New stand added.
33	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	18.9	41		Some areas of blowdown. Some areas of wet muck soils. Vernal ponds present. Stand slopes down to wetter cedar swamp to north.
34	4133 - Aspen, Mixed Pine	High Density Sapling	15.1	34		New stand added. Some red pine died off when adjacent stand was cut creating a small area of primarily aspen.
35	4110 - Sugar Maple Association	High Density Pole	19.4	Uneven Age	81-110	Beech scale present. Some canker showing. Some good advanced maple regen. Ash is either dead or dying. W. pine and balsam fir found along powerline.
36	4119 - Mixed Northern Hardwoods	High Density Sapling	8.8	42		New stand added.
38	42290 - Natural Mixed Pine	High Density Pole	39.8	57		New stand added. Poorer quality than adjacent red pine stand.
39	42290 - Natural Mixed Pine	High Density Log	19.2	54	1-50	New stand added. Basal area is for red pine only. Some areas denser than others.
40	6129 - Mixed Coniferous Lowland Forest	High Density Log	116.4	100		Stand has very wet muck soils. Some areas of significant blowdown with balsam fir replacing cedar. Wet areas have standing water most of the year. Stand is a conglomerant of several small stands, cedar, hemlock, some "P" type and some "E" type.
41	42110 - Planted Red Pine	High Density Log	21.1	71	51-80	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42	4136 - Aspen, Mixed Conifer	High Density Pole	16.8	54		Stand slopes down to south and wetter area.
43	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	5.8	90		New stand added. Some blowdown. Several vernal creeks and ponds throughout stand. Wet muck soils. Dryer ridges growing upland species found in stand.
44	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.0	90		New stand added. Some blowdown. Red maple and aspen saplings encroaching from adjacent previous harvest.
45	42110 - Planted Red Pine	High Density Log	17.1	79	81-110	Stand has been thinned in past. Regen pockets are mostly j. pine, oak, aspen, red maple. Jack pine are natural recruits.
46	6139 - Mixed Lowland Forest	High Density Pole	9.0	43		Some areas open and marshy with low density aspen. Wet and dry areas.
47	4139 - Aspen, Mixed Deciduous	High Density Sapling	21.7	26		Stand swapped from Non-Forested to Forested.
48	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	21.5	30		Stand is very wet. Some dry ridges growing better timber. Some areas open with only tag alder.
49	4131 - Aspen, Oak	High Density Pole	9.6	53		New stand added. Stand buffers wet area to the north. Stand gets wetter the farther north and west.
50	4310 - Pine, Oak Mix	Medium Density	8.5	8		Recent 5 spot.
51	6120 - Lowland Cedar	High Density Pole	3.8	100		New stand added. Some blow down. Stand buffers steep slope and wetland/treed bog area.
52	6129 - Mixed Coniferous Lowland Forest	Low Density Pole	4.5	90		Significant blow down. A lot of mortality due to frequent high water tables. Regen is occurring on high humps throughout stand. Wet muck soil.
53	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	10.0	16		5 spot
54	42110 - Planted Red Pine	High Density Pole	10.9	30	111-140	
55	42250 - Pine, Oak	High Density Log	18.7	81	51-80	New stand added. Stand was recently thinned.
56	4191 - Mixed Upland Deciduous with Conifer	High Density Log	45.5	85	111-140	
57	4132 - Aspen, Jack Pine	High Density Sapling	8.1	16		
58	42260 - Natural Pine, Mixed Deciduous	High Density Log	25.0	79	111-140	Red pine basal area average is only 50ba of total.

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 158  
Year of Entry: 2016



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
59	42220 - Natural Jack Pine	High Density Sapling	39.9	16		
60	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	11.3	29		
61	42110 - Planted Red Pine	Low Density Log	81.9	75	51-80	Shelterwood cut in past.
62	42110 - Planted Red Pine	Medium Density Log	28.5	75	51-80	Possible species removal in past.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	11 - Low Intensity Urban	4.3	Yes	Unspecified	
11	11 - Low Intensity Urban	1.8	Unspecified	Unspecified	
12	710 - Sand, Soil	6.4	No	Unspecified	
15	50 - Water	10.4	No	Unspecified	
16	11 - Low Intensity Urban	4.5	No	Unspecified	
19	3102 - Grass	1.4	No	Unspecified	
21	3102 - Grass	5.2	No	Unspecified	
37	11 - Low Intensity Urban	8.8	No	Unspecified	Powerline